



**5.06 CF2PLR:
Function User's Guide**



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5.06 CF2PLR: Function User's Guide

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1.0 Overview

DTC's Computer Communication Facility Two (CCF-II) is a medium enabling the transmission of data back and forth between the Depository Trust Company and its Participants/Users. The User transmits data to DTC (the Transmission file), then receives data in reply from DTC (the Acknowledgement file).

CCF-II transmissions to and from DTC utilize either:

C IBM's Remote Job Entry (RJE) 3780/3770 emulation software; or

C System Center Inc.'s Network Data Mover (NDM) software.

In order for a CCF-II User to transmit data to DTC, he must prepare an input file of transactions in the DTC-specified format. The User then executes either RJE or NDM-based JCL to initiate communications with DTC's computer system.

After the transmission completes, DTC will edit the input Transmission file and return an Acknowledgement file to the User, indicating the status of the transmission and any errors that were detected in the transmitted transactions.

This document discusses all aspects of transmission via DTC's Computer Communication Facility Two (CCF-II).

1.1 Transmitting Transactions to DTC

When a CCF-II User wishes to transmit data to DTC, he must prepare JCL as specified in either the CCF-II/RJE USER'S GUIDE or CCF-II/NDM USER'S GUIDE. A brief description of the "EXEC" statement for such JCL appears under "Initiating a CF2PLR Transmission" on page 5.

For a more complete understanding of specific JCL requirements, the RJE or NDM User Guides must be consulted.



1.1 Transmitting Transactions to DTC (Continued)

After creating a file of input transactions in the appropriate RJE or NDM format, the User transmits the specified JCL to DTC, initiating a job within DTC's Computer System. The input file is edited and any records containing errors are transmitted back to the User. Valid transactions will be processed if no "severe" errors are detected.

The User must submit the following generic procedure name and overriding parameter in the transmitted JCL to indicate the CCF-II function being transmitted:

procedure name: "RJExxxxx" or "NDMxxxxx"
override parameter: "FUNC=yyyyy"

Note:

RJExxxxx = DTC's CCF-II/RJE processing procedure; "xxxxx" is the suffix referring to the transmitted function.

NDMxxxxx = DTC's CCF-II/NDM processing procedure; "xxxxx" is the suffix referring to the transmitted function.

CF2PLR = the name of the CF2 function being transmitted.

1.2 Recovery Procedures

Restart capability is available for CCF-II Users. Details of the procedures to be followed in the event that RESTART is necessary are provided in the CCF-II SYSTEM USER'S GUIDE in the section entitled "RECOVERY/RESTART PROCEDURES".



1.3 Backup for CCF-II

If, for any reason, a User is unable to use CCF-II to enter his transactions as scheduled, DTC Network Operations should be notified immediately.

If the User is not able to enter his transactions via CCF-II because of modem or telephone line equipment failures at his site, he has the option to create a magnetic tape in the format of the specific CCF-II Transmission file involved (in this case CF2PLR - Pledges/Releases) and send it via messenger to DTC. The tape should be created with these characteristics:

- C NON-LABELLED
- C 1600 / 6250 BPI
- C RECFM=FB
- C LRECL=140 (NDM), or 80 (RJE)
- C BLKSIZE =23380 (NDM), or 23440 (RJE)

DTC will submit all transactions from the tape to the CCF-II system, and return the tape to the User.

Participants who, in an emergency, are not able to deliver a magnetic tape to DTC via messenger before the appropriate cutoff time for the CCF-II function involved (see "CF2PLR Transmission Cutoff Schedule" on page 5), are responsible for making other arrangements for backup in case of modem or telephone equipment failures.

Participants should realize that when using CCF-II to submit transactions to DTC, they are bound by computer and data communications equipment availability at their site. DTC cannot afford to delay its entire processing cycle to accommodate equipment failures at any participant site. It is strongly suggested that all Users maintain redundant CCF-II equipment (computer and communication controllers).

IN NO EVENT will DTC accept responsibility for a Participant's inability to submit any type of CCF-II transmission to the Depository.



2.0 The CF2PLR Function

A CCF-II User may use the CF2PLR function to transmit Pledge/Release transactions to DTC. Pledge/Release services included in the CF2PLR function are pledges, release requests and release returns. Please note that **RELEASE APPROVAL TRANSACTIONS ARE EXCLUDED FROM CF2PLR PROCESSING.**

The CF2PLR User may transmit any combination of valid Pledge/Release transactions to DTC and will receive a response indicating any errors that have been detected in the transmitted transactions.

The CCF-II Pledge/Release system will pass all valid CF2PLR transactions from accepted transmissions into DTC's RAD, DQF/ATP or PTS COLL systems for further internal processing. The User will be notified via ticket of the disposition of his transactions within these internal systems.

If the User considers the CF2PLR transactions transmitted via CCF-II to be critical, he should prepare procedures to be used when CCF-II is unavailable. For additional information see "Recovery Procedures" on page 2 and "Backup for CCF-II" on page 3.

2.1 Options Clearing Corporation (OCC) Considerations

Pledge and Release transactions involving the Options Clearing Corporation are included in the CF2PLR function. However, pledgors are urged to exercise special care when submitting OCC comment information, since comments are not validated by DTC. OCC will not reject a pledge containing erroneous comment data, but will assign different information to that pledge in order to process the pledge into its system. In these cases, OCC will contact the Pledgor Participant via the PTS Broadcast Message Facility the next business day to arrange for corrective action outside DTC's systems.



2.2 CF2PLR Transmission Cutoff Schedule

The CCF-II system's CF2PLR function is available subject to the following cutoff time schedule (Eastern Time). Participants may use the CF2PLR function as often as proves necessary before the appropriate cutoff times.

- 3:00 a.m. - Function opens
- 12:30 p.m. - CNS Free Release Request
- 1:15 p.m. - Options Release of Deposit Request
- 2:45 p.m. - Valued Pledge, Valued Release Request, Valued Release Return, Free Release Request or Return of Matured Commercial Paper
- 3:15 p.m. - Cutoff for entry of OCC Pledge Release Requests
- 3:45 p.m. - Cutoff for the Release of Positions Pledged to OCC
- 4:15 p.m. - Valued Pledge to a Settling Bank
- 5:45 p.m. - Free Pledge, Free Release Request
- 6:00 p.m. - Free Release Return

A CF2PLR *transaction* received prior to its appropriate cutoff time will be processed by DTC. If received after cutoff, it will be edited and rejected.

A CF2PLR *transmission* that begins after the final (6:00 p.m.) cutoff will be rejected without further processing. If the final cutoff time is reached during a transmission, the transmission will continue until completion.

2.3 Initiating a CF2PLR Transmission

The User must transmit RJE or NDM-based JCL to DTC to initiate CF2PLR transmissions. The basic format of the RJE JCL "EXEC" statement appears below. Substitute "NDM" for "RJE" name to get the NDM version of the "EXEC" statement.

```
//EXEC RJEPLR01,FUNC=CF2PLR,TME=HHMMSS,DATE=MMDDYY,RMT=###,
//      USERID=xxxx,TRANID=nnn
//S10RBLK.INFILE DD *
.
. input data (see CF2PLR TRANSMISSION RECORDS)
.
/*(end of file marker)
```

2.3 Initiating a CF2PLR Transmission *(Continued)*

where:

RJEPLR01	=	DTC's processing procedure for RJE/CF2PLR. NDM users must specify "NDMPLR01", for NDM/CF2PLR.
HHMMSS	=	transmission time, specified as "HHMMSS" (in CAPITAL LETTERS) by the User and supplied by DTC's system.
MMDDYY	=	transmission date, specified as "MMDDYY" (in CAPITAL LETTERS) by the User and supplied by DTC's system.
###	=	remote number from SIGNON card of first transmission.
xxxx	=	Participant number or Signon ID.
nnn	=	Transmission I.D. number; must be numeric, greater than zero, right-justified with leading zeroes, and unique for the day.

- Note:**
1. The "DATE=MMDDYY", "TME=HHMMSS" and "RMT=###" parameters **MUST** appear on the same physical JCL line as the "EXEC" operand. Any other parameters may be coded on the second (continuation) card.
 2. The "nnn" symbolic parameter described above is **REQUIRED**. It must match the "HDR" Header record's transmission ID, and must be unique for each transmission of the day.

For additional technical information on JCL requirements please consult the CCF-II/RJE or CCF-II/NDM USER'S GUIDES, also available from DTC.



2.4 CF2PLR Transmission and Acknowledgement Files *(Continued)*

2.4 CF2PLR Transmission and Acknowledgement Files

CF2PLR *Transmission* files consist of 140-character records. When transmission takes place via CCF-II/NDM the actual CF2PLR records (140-characters) are transmitted to DTC.

A CF2PLR Transmission file which is transmitted via CCF-II/RJE arrives at DTC in 80-byte, card-image format. The User transmits two card images per CF2PLR record. DTC reformats the card images into the 140-character CF2PLR format for edit processing.

CF2PLR *Acknowledgement* files consist of 180-character records. During CCF-II/NDM transmissions, the actual CF2PLR records (180-characters) are transmitted from DTC to the User.

A CF2PLR Acknowledgement file transmitted via CCF-II/RJE is also reformatted into the 80-byte, card-image format. DTC converts from the 180-character format and transmits to the User three card-images per CF2PLR Acknowledgement record.

All CF2PLR record formation descriptions appearing in this document pertain to the 140 and 180-character CF2PLR records. For additional information on RJE card-image record formats please consult the CCF-II/RJE USER'S GUIDE, also available from DTC.



5.06.02.04 CF2PLR Transmission and Acknowledgement Files (*Continued*)

2.5 Testing the CF2PLR Function

By placing a "T" or a "P" in the processing option field (position 36) of the transmission header record, the User may specify whether the transmission is for "Test" or "Production" purposes.

Production All Pledge/Release transactions in a "production" (live) CF2PLR transmission that comply with the CF2PLR edit criteria and are deemed fully valid affect the Pledgor and Pledgee Participants' accounts.

Test No Pledge/Release transactions in a CF2PLR "test" transmission affect Participant accounts. Test transmissions are edited by DTC and invalid transactions are returned to the transmitting Participant. "Test" listings are available from DTC upon request. DTC has created the "test" option to facilitate development of CCF-II functions on the Participants' computer systems.

3.0 The CF2PLR Transmission File (Input)

The CCF-II Pledge/Release Transmission file may be comprised of nine different types of records. The first two and the last record on the Transmission file, the "Security", "Header" and "Trailer" records, are for control purposes. The remaining six types of records represent the six different pledge and release transactions processed by the CF2PLR system.

The nine record types which may appear in the CCF-II Pledge/Release transaction file, along with the basic rules for their processing within the CCF-II system, appear on the following pages.

3.1 CF2PLR Transmission Records

1. **CCF-II Transmission Security record:** specifies the Signon I.D. of the transmitter utilizing DTC's CF2PLR function, his legitimate password, and the transmission's unique identifying number. The Security ("PSW") record must be the first record in the file, but is considered a CCF-II record rather than a CF2PLR Transmission record. The Security ("PSW") record is for input purposes only, and is therefore not returned in the Acknowledgement file.
2. **Transmission Header record:** identifies the transmitter of the Pledge/Release transactions, and uniquely identifies the transmission as not previously transmitted on this day. The Header ("HDR") record must be the first record in the CF2PLR Transmission file, however it is NOT to be included in record count tabulations.
3. **Free Pledge transaction record:** is identified by record type "10", and contains detailed information for a single CF2PLR free pledge transaction.
4. **Valued Pledge transaction record:** is identified by record type "20", and contains detailed information for one CF2PLR valued pledge transaction.
5. **Free Release Request transaction record:** is identified by record type "30", and contains detailed information for a CF2PLR free release request transaction.

3.1 CF2PLR Transmission Records *(Continued)*

6. **Valued Release Request transaction record:** is identified by record type "40", and contains detailed information for one CF2PLR valued release request transaction.
7. **Free Release Return transaction record:** is identified by record type "50", and contains detailed information of a single CF2PLR free release return transaction.
8. **Valued Release Return transaction record:** is identified by record type "60", and contains detailed information for one CF2PLR valued release return transaction.
9. **Transmission Trailer record:** contains control information for all CF2PLR transactions in the transmission. The CF2PLR "TLR" record must be included as the **LAST** record of the CF2PLR transmission, however it is **NOT** to be included in record count tabulations. Totals appearing in the CF2PLR Trailer record will be verified by DTC. **If a trailer record is transmitted as anything but the last record of a transmission, the entire transmission will be cancelled by DTC.**

3.2 CF2PLR Transmission Editing

There are four basic levels of CF2PLR Transmission file error editing.

A "*security*" error will cause the entire CF2PLR Transmission file to be refused. This happens when the Security ("PSW") record fails to properly identify the transmitter to DTC's CCF-II system. When a "security" error is detected, the CF2PLR Acknowledgement file will contain a single record, the Error ("ERR") record.

A "*header*" error will cause the remainder of the CF2PLR Transmission file to be refused. If the Header ("HDR") record fails to properly identify the transmission (i.e. TRANID is invalid), or contains other edit errors, the transmission is refused. When a "header" error is detected, the CF2PLR Acknowledgement file will contain only three records, the Control ("CTL") record, the Rejected Header ("HDR") record and the Audit ("ADT") record.

Any of the following "*severe*" errors will cause the entire CF2PLR transmission to be cancelled. All records are returned unaccepted, but as

5.06.03.02 CF2PLR Transmission Editing (Continued)

much editing as possible will be done, and error flags will be set to provide the User with maximum Acknowledgement information:

- C the transmission is received later than the last CF2PLR cutoff time (6:00 p.m.). In this case no further editing takes place;
- C a record type is invalid (not "PSW", "HDR", "10", "20", "30", "40", "50", "60" OR "TLR");
- C a record sequence error is detected (e.g. the last record is not a "TLR");
- C a numeric Trailer record field contains non-numeric data; or
- C a Trailer record total does not match the DTC-calculated total for all Data ("10", "20", "30", "40", "50", and "60") records received. This occurs if the trailer record is incorrect or the corresponding field on any Data record contains non-numeric data.

A transaction edit error or "*edit*" error will cause the transaction to be rejected. As long as no "security", "header/TRANID" or "severe" errors are detected, DTC will accept and process all CF2PLR transactions that are deemed valid. A more detailed discussion of transaction "edit" errors follows.

Each CCF-II Pledge/Release transaction (types "10", "20", "30", "40", "50", and "60") is contained in a single 140-byte CF2PLR record.

An "edit" error in any transaction will cause that transaction to be rejected. If any of the following "edit" errors occurs, the CF2PLR transaction is rejected, and the returned Acknowledgement record will contain appropriately set error flags:

- C a field contains invalid data;
- C a field is not properly formatted (e.g., non-numeric data in a numeric field); or
- C an unused field is not properly initialized (see next page).



4.0 CF2PLR Transmission Record Formats

Note: Please ensure that the following standard CCF-II editing criteria are adhered to for all CF2PLR Transmission records:

1. Numeric fields (NUM) - MUST be right-justified, with leading ZEROES. MUST contain numeric data only. If unused, MUST be initialized to ZERO.
2. Character fields (CHAR) - should be left-justified, with trailing spaces. If unused, MUST be initialized to SPACE.

Failure to comply with the above criteria will cause a CF2PLR record to be rejected.

Please ensure that all CF2PLR fields which are not used, whether "Filler", "Optional", "Reserved" or "Not Allowed", are initialized as described above. Any such field which contains LOW-VALUES is considered an edit error, and will result in rejection of the CF2PLR record.

4.1 The CCF-II Transmission Security ("PSW") Record

The CCF-II Security record transmitted to DTC introduces and identifies the transmitter to the CCF-II system. This is done via the Signon I.D. and Password, which must always be valid and up-to-date.

Where security is a consideration at the User's site, the record may be concatenated in front of the data file from another source.

The Security record is for input purposes only, and therefore not returned in DTC's Acknowledgement file. Its format is described on the following page.

**4.1 The CCF-II Transmission Security ("PSW") Record** *(Continued)*

CCF-II Transmission Security ("PSW") Record				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	This field must contain the value "PSW", identifying the Security/Password record.
4	6	Character	Signon I.D.	Signon I.D. must be a valid DTC Participant number (format: "nnnn") or Group User I.D. (format "Gnnn"), always left-justified with trailing spaces.
10	6	Character	Password Field	Passwords are obtainable through DTC's Participant Interface Planning Group.
16	6	Character	Activity Type	Specifies the nature of the transmission. In this case, Activity Type must be "CF2PLR".
22	3	Numeric	Transmission I.D.	Identifies this transmission as unique for the submitter. Must agree with TRANID in the "HDR" record to follow.
25	116	Character	Filler	DTC use only. This field must contain spaces.



4.2 The CF2PLR Transmission Header ("HDR") Record

The CF2PLR Header ("HDR") record is considered the first record in the Pledge/Release transmission file. Its format appears in the table below.

CF2PLR Transmission Header ("HDR") Record (Part 1 of 2)				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	Must contain the value "HDR", identifying the first record of the CF2PLR transmission file.
4	8	Character	Signon I.D.	Identifies the transmitting agent. The first four bytes must be spaces and the last four must be a valid DTC Signon, i.e. "Gnnn" for Group Users or "nnnn" for Participants.
12	2	Character	Individual User (Signon Department)	This field may be used in the future to identify a Participant's source department. At present, it must contain either spaces or zeroes.
14	6	Character	Filler	DTC use only. Must be initialized to spaces.
20	6	Numeric	Process Date	This field must contain the date the transmission is sent to DTC (MMDDYY).
26	6	Character	Activity Type	Must contain "CF2PLR", identifying a Pledge/Release transmission.
32	3	Numeric	Transmission I.D. Number	Must be a (non-zero) number that uniquely identifies each transmission initiated by the same Signon I.D.
35	1	Character	Transmission Option	Must contain "A", identifying a new transmission.



4.2 The CF2PLR Transmission Header ("HDR") Record (Continued)

CF2PLR Transmission Header ("HDR") Record (Part 2 of 2)

Position	Length	Format	Field Name	Field Description
36	1	Character	Processing Option	Indicates whether transmission is for live (Production) or Testing purposes. "T" = Test transmission "P" = Production transmission
37	10	Numeric	Header Record Error Flags	A series of ten, 1 byte fields which must contain ZERO. These Error Flags may be used in the (output) Acknowledgement file to indicate error type and severity (see "The CF2PLR Acknowledgement Rejected Header Record ("HDR") on page 50.
47	94	Character	Filler	DTC use only. Must be initialized to spaces.



4.3 Free Pledge Transaction ("10") Records

A free pledge transaction allows a DTC Participant to pledge Securities to a Pledgee, with money settlement occurring outside of DTC. Free pledges may be to DTC's Fund Accounts (Pledgee# 800 and 905), to a Pledgee Bank, or to the Options Clearing Corporation (OCC - Pledgee# 554 and 981).

With the exception of Treasury Bills, which are considered preapproved for pledging to DTC's Fund Accounts, free pledges to Pledgee# 800 and 905 will be inserted to the PTS COLL System's database to await internal approval by DTC.

Free Pledge Transaction ("10") (Part 1 of 4)

Position	Length	Format	Field Name	Field Description
1	2	Character	Record Type	Must contain the value "10", indicating a Free Pledge.
3	1	Character	IPO Tracking Indicator	IPO Tracking Indicator: This field is used to indicate that the new IPO format ID is being used: " " = IPO format is not used. "I" = IPO format is being used.
4	8	Numeric	Pledgor Participant Number	The DTC Participant number of the Pledgor submitting the free pledge transaction (right-justified with leading zeroes.)
12	3	Character	Filler	DTC use only. Must be initialized to spaces.
15	6	Numeric	Loan Date	The accounting date set up to group pledges involving the same CUSIP. For pledges to OCC, the loan date must be "032073" (MMDDYY).



4.3 Free Pledge Transaction ("10") Records (Continued)

Free Pledge Transaction ("10") (Part 2 of 4)				
Position	Length	Format	Field Name	Field Description
21	1	Character	Purpose	The purpose of this free pledge: "1" = New Loan "2" = Increase in Loan "3" = Additional Collateral "4" = Substitution of Collateral
22	1	Character	Hypothecation Code	Indicates to the Pledgee the person(s) for whom this transaction is pledged: "1" = Each security in the pledge is carried for the account of one or more customers. "2" = All securities in the pledge are carried for the account of a single customer. "3" = No securities in the pledge are carried for the account of any customers.
23	2	Character	Filler	DTC use only. Must be initialized to spaces.
25	9	Character	CUSIP Number	The number identifying the pledged security.
34	1	Character	Filler	DTC use only. Must be initialized to space.



4.3 Free Pledge Transaction ("10") Records (Continued)

Free Pledge Transaction ("10") (Part 3 of 4)				
Position	Length	Format	Field Name	Field Description
35	9	Numeric	Quantity	The number of securities pledged. When utilizing the current environment for bonds (1 = 1000), the security quantity can not exceed the value of 999,999. In all other situations, security quantity (1 = 1) for stocks and (1000 = 1000) for bonds, the full 9 bytes can be used. The maximum acceptable Quantity for Free Pledge is 999,999,999.
44	13	Numeric	Filler	DTC use only. Must be initialized to zeroes.
57	1	Character	Prevent Pend Indicator (P/P)	Indicates if securities can be pended. "P" = Prevent pending for this transaction. " " = (space) Allow this transaction to be pended.
58	56	Character	Pledge Comments	Pledge comments may be free-form, or in the following predetermined format if the Pledgee is OCC (554 or 981 in positions 114-121). Comments are not edited by DTC.
58	3	Character	OCC Third Party Member	Required
61	1	Character	Entry Type	Required for two-party requests. Suggested values are: "S" = Specific "V" = Value Optional (default = space) for three-party requests.



4.3 Free Pledge Transaction ("10") Records (Continued)

Free Pledge Transaction ("10") (Part 4 of 4)				
Position	Length	Format	Field Name	Field Description
62	1	Character	Account Type	Required for two-party requests. Suggested values are: "C" = Customer "F" = Firm Optional (default = space) for three-party requests.
63	1	Character	Put or Call Code	Optional (default = space). If specified, must be "P" (Put) or "C" (Call).
64	6	Character	Trade Symbol	Required for three-party requests. Optional (default = space) for two-party requests.
70	2	Numeric	Expiration Month	Must be valid calendar month ("MM") for three-party requests. Optional (default = zero) for two-party requests.
72	1	Numeric	Expiration Year	Optional (default = zero) for two-party requests. Format ("Y").
73	3	Numeric	Exercise ("Strike") Price	Must exceed zero for three-party requests. Optional (default = zero) for two-party requests.
76	1	Numeric	Fraction	Must be between 0-7. Optional (default = zero) for two-party requests.
77	12	Character	Cross Reference Number	Optional (default = space)
89	16	Character	Customer Account Number	Optional (default = space)
105	9	Character	Participant Number	The DTC Participant number of the OCC member. Required. If it matches the pledgor participant number (position 4-11), this transaction is a "two-party request".



4.3 Free Pledge Transaction ("10") Records (Continued)

Free Pledge Transaction ("10") (Part 5 of 4)

Position	Length	Format	Field Name	Field Description
114	8	Numeric	Pledgee Number	The DTC Pledgee Number to whom the pledge is being sent. For free pledges, the Pledgee need not be a DTC Participant.
122	3	Character	IPO Issue Indicator	"IPO" = IPO Account "GEN" = General Account " " = (space) General Account
125	16	Character	Filler	DTC use only. Must be initialized to spaces.



4.4 Valued Pledge Transaction ("20") Record

A valued pledge transaction enables DTC Participants to pledge securities to any Pledgee that has a DTC Participant number. Valued pledges are subject to the pledgee's RAD limits, and are settled within DTC's Settlement system.

Valued Pledge Transaction ("20") Record (Part 1 of 3)				
Position	Length	Format	Field Name	Field Description
1	2	Character	Record Type	Must contain the value "20", indicating a Valued Pledge.
3	1	Character	IPO Tracking Indicator	This field is used to indicate that the new IPO format ID is being used: " " = IPO format is not used. "I" = IPO format is being used.
4	8	Numeric	Pledgor Participant Number	The DTC Participant number of the Pledgor submitting this valued pledge transaction (right-justified with leading zeroes).
12	3	Character	Filler	DTC use only. Must be initialized to spaces.
15	6	Numeric	Loan Date	The accounting date set up to group pledges involving the same CUSIP (MMDDYY).
21	1	Character	Purpose	The purpose of this valued pledge: "1" = New Loan "2" = Increase in Loan "3" = Additional Collateral "4" = Substitution of Collateral



4.4 Valued Pledge Transaction ("20") Record (Continued)

Valued Pledge Transaction ("20") Record (Part 2 of 3)

Position	Length	Format	Field Name	Field Description
22	1	Character	Hypothecation Code	Indicates to the Pledgee the person(s) for whom this transaction is pledged. "1" = Each security in the pledge is carried for the account of one or more customers; "2" = All securities in the pledge are carried for the account of a single customer; "3" = No securities in the pledge are carried for the account of any customers.
23	2	Character	Filler	DTC use only. Must be initialized to spaces.
25	9	Character	CUSIP Number	The CUSIP number identifying the pledged security.
34	1	Character	Filler	DTC use only. Must be initialized to space.
35	9	Numeric	Quantity	The number of securities pledged. When utilizing the current environment for bonds (1 = 1000), the security quantity can not exceed the value of 999,999. In all other situations, security quantity (1 = 1) for stocks and (1000 = 1000) for bonds, the full 9 bytes can be used. The maximum acceptable Quantity for a Value Pledged bond is 50,000,000, for stocks the value is 50,000.
44	13	Numeric	Loan Value	The value of the pledge. This field has 2 implied decimal places. The maximum acceptable loan value is 99,999,999.99.



4.4 Valued Pledge Transaction ("20") Record (Continued)

Valued Pledge Transaction ("20") Record (Part 3 of 3)				
Position	Length	Format	Field Name	Field Description
57	1	Character	Prevent Pend Indicator (P/P)	Indicates if this securities pledge can be pended. "P" =Prevent pending for this transaction; " " =(space) Allow this transaction to be pended.
58	56	Character	Pledge Comments	A maximum of 56 characters of free-form comments describing the valued pledge. Comments are not edited by DTC.
114	8	Numeric	Pledgee Number	The DTC Pledgee Number to whom the pledge is being sent. The Pledgee must have an associated DTC Participant Number
122	3	Character	IPO Issue Indicator	"IPO" =IPO Account "GEN" =General Account " " = (space) General Account
125	16	Character	Filler	DTC use only. Must be initialized to spaces.



4.5 Free Release Request Transaction ("30") Records

A free release request transaction allows a DTC Participant Pledgor to request the release of pledged securities from a Pledgee. Requests for release of securities from DTC's Fund accounts (Pledgee# 800 and 905), or from the Options Clearing Corporation (OCC - Pledgee# 554 and 981) are allowed.

All validated release request transactions, both free and valued, are passed to the PTS COLL system's release database. Pledgees must use the PTS COLL system's Release Approval service to approve or cancel outstanding release requests addressed to them.

Free Release Request Transaction ("30") Record (Part 1 of 5)

Position	Length	Format	Field Name	Field Description
1	2	Character	Record Type	Must contain the value "30", indicating a Free Release Request.
3	1	Character	IPO Tracking Indicator	Filler area used as IPO Tracking Indicator in Pledge records. All other records may use any of the following: " " = Value spaces "I" = Version Control for IPO Tracking
4	8	Numeric	Pledgor Participant Number	The DTC Participant number of the Pledgor submitting the free release request transaction (right-justified with leading zeroes).
12	3	Character	Filler	DTC use only. Must be initialized to spaces.
15	6	Numeric	Loan Date	The loan date specified when the securities were pledged. For pledges to OCC, the loan date must be "032073" (MMDDYY).

**4.5 Free Release Request Transaction ("30") Records (Continued)****Free Release Request Transaction ("30") Record (Part 2 of 5)**

Position	Length	Format	Field Name	Field Description
21	1	Character	Release Type	The reason for this free release request: "1" = Delivery "2" = Substitution of Collateral "3" = Decrease of Collateral "4" = Release of Excess Collateral
22	1	Character	CNS Indicator	Indicates if securities should be made eligible for CNS processing. "1" = CNS processing desired. " " = (space) No CNS processing.
23	2	Character	Filler	DTC use only. Must be initialized to spaces.
25	9	Character	CUSIP Number	The number identifying the security to be released
34	1	Character	Filler	DTC use only. Must be initialized to space.
35	9	Numeric	Quantity	The number of securities to be released. When utilizing the current environment for bonds (1 = 1000), the security quantity can not exceed the value of 999,999. In all other situations, security quantity (1 = 1) for stocks and (1000 = 1000) for bonds, the full 9 bytes can be used. The maximum acceptable Quantity for Free Release Request is 999,999,999.
44	13	Numeric	Filler	DTC use only. Must be initialized to zeroes.



4.5 Free Release Request Transaction ("30") Records (Continued)

Free Release Request Transaction ("30") Record (Part 3 of 5)

Position	Length	Format	Field Name	Field Description
57	1	Character	Prevent Pend Indicator (P/P)	Indicates if securities can be pended. "P" = Prevent pending for this transaction; " " = (space) Allow this transaction to be pended.
58	56	Character	Release Request Comments - OR - Options Release of Deposit Request Information	If the Pledgee IS NOT OCC this field may be used for free-form comments describing the release request, and will not be edited by DTC. If the Pledgee IS OCC (554 or 981 in positions 114-121), this transaction is an Options Release of Deposit Request. Positions 58-113 for Options Release of Deposit Requests are subdivided as indicated below. PLEASE NOTE that if the OCC member's DTC participant number (positions 105-112) matches the pledgor participant number (positions 4-11), the transaction is further considered a "two-party request", otherwise it is a "three-party request". After the input transactions are edited, bytes 105-112 will be used for internal DTC processing and will not appear on any output comment records.
58	3	Numeric	OCC Third Party Member	Required



4.5 Free Release Request Transaction ("30") Records (Continued)

Free Release Request Transaction ("30") Record (Part 4 of 5)				
Position	Length	Format	Field Name	Field Description
61	1	Character	Entry Type	Required for two-party requests. Suggested values are: "S" = specific; "V" = value. Optional (default = space) for three-party requests.
62	1	Character	Account Type	Required for two-party requests. Suggested values are: "C" = customer; "F" = firm. Optional (default = space) for three-party requests.
63	1	Character	Put or Call Code	Optional (default = space). If specified, must be "P" (Put) or "C" (Call).
64	6	Character	Trade Symbol	Required for three-party requests. Optional (default = space) for two-party requests.
70	2	Numeric	Expiration Month	Must be valid calendar month ("MM") for three-party requests. Optional (default = zero) for two-party requests.
72	1	Numeric	Expiration Year	Optional (default = zero) for two-party requests. Format ("Y").
73	3	Numeric	Exercise ("Strike") Price	Must exceed zero for three-party requests. Optional (default = zero) for two-party requests.
76	1	Numeric	Fraction	Must be between 0-7. Optional (default = zero) for two-party requests.
77	12	Character	Cross Reference Number	Optional (default = space)
89	16	Character	Customer Account Number	Optional (default = space)



4.5 Free Release Request Transaction ("30") Records (Continued)

Free Release Request Transaction ("30") Record (Part 5 of 5)

Position	Length	Format	Field Name	Field Description
105	8	Character	Participant Number	The DTC Participant number of the OCC member. Required. If it matches the pledgor participant number (position 4-11), this transaction is a "two-party request".
113	1	Character	Filler	DTC use only. Must be initialized to space.
114	8	Numeric	Pledgee Number	The DTC Pledgee Number to whom the request for release of pledged securities is being sent. The pledgee need not be a DTC Participant.
122	19	Character	Filler	DTC use only. Must be initialized to spaces.



4.6 Valued Release Request Transaction ("40") Records

A valued release request transaction allows a pledgor to request the release of pledged securities from a Pledgee. Both Pledgor and Pledgee must be DTC Participants.

All validated valued release request transactions are passed to the PTS COLL system's Release database. Pledgees must use the PTS COLL system's Release Approval service to approve or cancel outstanding release requests addressed to them.

Value Release Request Transaction ("40") Record (Part 1 of 3)

Position	Length	Format	Field Name	Field Description
1	2	Character	Record Type	Must contain the value "40", indicating a Valued Release Request.
3	1	Character	Filler / IPO Tracking Indicator	Filler area used as IPO Tracking Indicator in Pledge records. All other records may use any of the following: " " = IPO format is not used. "I" = IPO format is being used.
4	8	Numeric	Pledgor Participant Number	The DTC Participant number of the Pledgor submitting the release request.
12	3	Character	Filler	DTC use only. Must be initialized to spaces.
15	6	Numeric	Loan Date	The loan date specified when the securities were pledged (MMDDYY).
21	1	Character	Release Type	The reason for this valued release request: "1" = Delivery "2" = Substitution of Collateral "3" = Decrease of Collateral "4" = Release of Excess Collateral



4.6 Valued Release Request Transaction ("40") Records (Continued)

Value Release Request Transaction ("40") Record (Part 2 of 3)				
Position	Length	Format	Field Name	Field Description
22	3	Character	Filler	DTC use only. Must be initialized to spaces.
25	9	Character	CUSIP Number	The number identifying the security to be released.
34	1	Character	Filler	DTC use only. Must be initialized to space.
35	9	Numeric	Quantity	The number of securities to be released. When utilizing the current environment for bonds (1 = 1000), the security quantity can not exceed the value of 999,999. In all other situations, security quantity (1 = 1) for stocks and (1000 = 1000) for bonds, the full 9 bytes can be used. The maximum acceptable Quantity for a Valued Released Request bond is 50,000,000. For stocks the value is 50,000.
44	13	Numeric	Loan Value	The value of the pledge. This field has 2 implied decimal places. The maximum acceptable loan value is 99,999,999.99.
57	1	Character	Prevent Pend Indicator (P/P)	Indicates if securities can be pended. "P" = Prevent pending for this transaction; " " = (space) Allow this transaction to be pended.
58	56	Character	Release Request Comments	A maximum of 56 Characters of free-form comments describing the valued release request. Comments are not edited by DTC.



4.6 Valued Release Request Transaction ("40") Records *(Continued)*

Value Release Request Transaction ("40") Record (Part 3 of 3)

Position	Length	Format	Field Name	Field Description
114	8	Numeric	Pledgee Number	The DTC Pledgee Number to whom the release is being sent.
122	19	Character	Filler	DTC use only. Must be initialized to spaces.



4.7 Free Release Return Transaction ("50") Records

A free release return transaction allows a DTC Pledgee to release pledged securities without a request from the Pledgor, with money settlement occurring outside of DTC.

Free Release Return Transaction ("50") Record (Part 1 of 4)				
Position	Length	Format	Field Name	Field Description
1	2	Character	Record Type	Must contain the value "50", indicating a Free Release Return.
3	1	Character	Filler / IPO Tracking Indicator	Filler area used as IPO Tracking Indicator in Pledge records. All other records may use any of the following: " " = Value spaces "I" = Version Control for IPO Tracking
4	8	Numeric	Pledgor Participant Number	The DTC Participant number of the Pledgor who made the pledge, and to whom the securities are being returned.
12	3	Character	Filler	DTC use only. Must be initialized to spaces.
15	6	Numeric	Loan Date	The loan date originally specified for the pledged securities. For Pledges to OCC, the loan date must be "032073" (MMDDYY).
21	1	Character	Release Type	The reason for the release: "1" = Delivery "2" = Substitution of Collateral "3" = Decrease of Collateral "4" = Release of Excess Collateral
22	3	Character	Filler	DTC use only. Must be initialized to spaces.
25	9	Character	CUSIP Number	The number identifying the released security.



4.7 Free Release Return Transaction ("50") Records (Continued)

Free Release Return Transaction ("50") Record (Part 2 of 4)				
Position	Length	Format	Field Name	Field Description
34	1	Character	Filler	DTC use only. Must be initialized to space.
35	9	Numeric	Quantity	The number of securities released. When utilizing the current environment for bonds (1 = 1000), the security quantity can not exceed the value of 999,999. In all other situations, security quantity (1 = 1) for stocks and (1000 = 1000) for bonds, the full 9 bytes can be used. The maximum acceptable Quantity for Free Release Request is 999,999,999.
44	13	Numeric	Filler	DTC use only. Must be initialized to zeroes.
57	1	Character	Prevent Pend Indicator (P/P)	Indicates if securities can be pended. "P" = Prevent pending for this transaction; " " = (space) Allow this transaction to be pended.
58	56	Character	Release Return Comments	Release Return comments may be free-form, or in the following predetermined format if the Pledgee is OCC (554 or 981 in positions 114-121). If the Pledgee is OCC only 47 bytes are available and the last 9 bytes are reserved. Comments are not edited by DTC.
58	3	Numeric	OCC Third Party Member	Required



4.7 Free Release Return Transaction ("50") Records (Continued)

Free Release Return Transaction ("50") Record (Part 3 of 4)				
Position	Length	Format	Field Name	Field Description
61	1	Character	Entry Type	Required for two-party requests. Suggested values are: "S" = Specific "V" = Value Optional (default = space) for three-party requests.
62	1	Character	Account Type	Required for two-party requests. Suggested values are: "C" = Customer "F" = Firm Optional (default = space) for three-party requests.
63	1	Character	Put or Call Code	Optional (default = space). If specified, must be "P" (Put) or "C" (Call).
64	6	Character	Trade Symbol	Required for three-party requests. Optional (default = space) for two-party requests.
70	2	Numeric	Expiration Month	Must be valid calendar month ("MM") for three-party requests. Optional (default = zero) for two-party requests.
72	1	Numeric	Expiration Year	Optional (default = zero) for two-party requests. Format ("Y").
73	3	Numeric	Exercise ("Strike") Price	Must exceed zero for three-party requests. Optional (default = zero) for two-party requests.
76	1	Numeric	Fraction	Must be between 0-7. Optional (default = zero) for two-party requests.
77	12	Character	Cross Reference Number	Optional (default = space)
89	16	Character	Customer Account Number	Optional (default = space)



4.7 Free Release Return Transaction ("50") Records *(Continued)*

Free Release Return Transaction ("50") Record (Part 4 of 4)

Position	Length	Format	Field Name	Field Description
105	8	Numeric	Participant Number	Required. The DTC Participant number of the OCC member. If it matches the pledgor participant number (position 4-11), this transaction is a "two-party request".
114	8	Numeric	Pledgee Number	The DTC Pledgee Number who is returning the pledged securities.
122	19	Character	Filler	DTC use only. Must be initialized to spaces.



4.8 Valued Release Return Transaction ("60") Records

A valued release return transaction allows a DTC Pledgee to release pledged securities without a request from the Pledgor, with money settlement occurring in DTC's Settlement system. Both the pledgor and pledgee must be DTC Participants, and the transaction is subject to the pledgor's Receiver Authorized Delivery (RAD) limitations.

Value Release Return Transaction ("60") Record (Part 1 of 2)

Position	Length	Format	Field Name	Field Description
1	2	Character	Record Type	Must contain the value "60", indicating a Free Release Return.
3	1	Character	Filler / IPO Tracking Indicator	Filler area used as IPO Tracking Indicator in Pledge records. All other records may use any of the following: " " = Value spaces "I" = Version Control for IPO Tracking
4	8	Numeric	Pledgor Participant Number	The DTC Participant number of the Pledgor who made the pledge, and to whom the securities are being returned.
12	3	Character	Filler	DTC use only. Must be initialized to spaces.
15	6	Numeric	Loan Date	The loan date originally specified for the pledged securities (MMDDYY).
21	1	Character	Release Type	The reason for the release: "1" = Delivery "2" = Substitution of Collateral "3" = Decrease of Collateral "4" = Release of Excess Collateral
22	3	Character	Filler	DTC use only. Must be initialized to spaces.
25	9	Character	CUSIP Number	The number identifying the released security.

**4.8 Valued Release Return Transaction ("60") Records (Continued)**

Value Release Return Transaction ("60") Record (Part 2 of 2)				
Position	Length	Format	Field Name	Field Description
34	1	Character	Filler	DTC use only. Must be initialized to space.
35	9	Numeric	Quantity	The number of securities to be released. When utilizing the current environment for bonds (1 = 1000), the security quantity can not exceed the value of 999,999. In all other situations, security quantity (1 = 1) for stocks and (1000 = 1000) for bonds, the full 9 bytes can be used. The maximum acceptable Quantity for a Valued Release Return bond is 50,000,000. For stocks the value is 50,000.
44	13	Numeric	Loan Value	The value of the pledge. This field has 2 implied decimal places. The maximum acceptable loan value is 99,999,999.99.
57	1	Character	Prevent Pend Indicator (P/P)	Indicates if securities can be pended. "P" = Prevent pending for this transaction. " " = (space) Allow this transaction to be pended.
58	56	Character	Release Return Comments	A maximum of 56 Characters of free-form comments describing the valued release return transaction. Comments are not edited by DTC.
114	8	Numeric	Pledgee Number	The DTC Pledgee Number who is returning the pledged securities.
122	19	Character	Filler	DTC use only. Must be initialized to spaces.



4.9 The CF2PLR Transmission Trailer Record ("TLR")

The trailer record is required as the LAST record of each CF2PLR transmission. The 140-character CF2PLR Trailer record is described in the table below.

CF2PLR Transmission Trailer ("TLR") Record (Part 1 of 2)				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	Must contain a value of "TLR", identifying the Trailer record.
4	8	Character	Signon I.D.	Signon I.D. identifies the transmitter of the CF2PLR file. It must match exactly the Signon I.D. specified in the file's Header ("HDR") record.
12	6	Character	Activity Type	Must match the "HDR" record's Activity Type: "CF2PLR".
18	3	Numeric	Transmission I.D. Number	Must match the "HDR" record's Transmission I.D. Number.
21	7	Numeric	Total Record Count	The total number of CF2PLR transaction records (types "10" thru "60") in this transmission. This total excludes the Header and Trailer records, and must equal DTC's calculation of the total record count.
28	11	Numeric	Total Quantity	The total quantity for all CF2PLR transactions (record types "10" thru "60") in this transmission. Must equal the DTC-calculated total quantity.
39	15	Numeric	Total Loan Value	The total loan value for all the CF2PLR transactions (record types "10" thru "60") in this transmission. This field has 2 implied decimal places. Must equal DTC's calculated total loan value.



4.9 The CF2PLR Transmission Trailer Record ("TLR") (Continued)

CF2PLR Transmission Trailer ("TLR") Record (Part 2 of 2)

Position	Length	Format	Field Name	Field Description
54	10	Numeric	Trailer Record's Error Flags	A series of ten, 1-byte fields which must contain zero. These Error Flags may be used in the (output) Acknowledgement file to indicate error type and severity (see "The CF2PLR Acknowledgement Rejected Trailer ("TLR") Record" on page 62).
64	77	Character	Filler	DTC use only. Must be initialized to spaces.



5.0 The CF2PLR Acknowledgement File (Output)

The CCF-II Pledge/Release Acknowledgement file consists of eleven possible types of records. The "Error", "Control" and "Audit" records are for control purposes. The remaining Acknowledgement records are Rejected records, sent back with error flags to indicate the type and severity of edit error that is detected. Rejected "HDR" and "TLR" records have embedded error flags, which are transmitted as part of the input record. *Rejected CF2PLR transaction records type "10", "20", "30", "40", "50", and "60" have appended error flags, resulting in the expanded 180-character Acknowledgement record length.*

The CF2PLR Acknowledgement file is composed of either:

C an Error ("ERR") record (if a "security" violation occurs);

---- OR ----

C a Control ("CTL") record; AND

C Zero or more Rejected "HDR", "10", "20", "30", "40", "50", "60" and "TLR" records; AND

C an Audit ("ADT") record describing the data accepted.

If the CCF-II "PSW" record fails DTC's security validation, the Acknowledgement File contains only an Error ("ERR") record.

If the CF2PLR Transmission is accepted as fully valid, the Acknowledgement file contains two records, the Control ("CTL") and Audit ("ADT") records, providing summary information about the transmission.

If the CF2PLR Transmission is partially accepted, or rejected for other than security violations, the Acknowledgement file contains more than two records, and all rejected records ("HDR", "10", "20", "30", "40", "50", "60" and "TLR") are returned, bracketed by the "CTL" and "ADT" records.

5.1 CF2PLR Acknowledgement Records

The eleven record types which may appear in the CCF-II Pledge/Release Acknowledgement file, along with basic rules for their appearance, are provided below.

1. **CCF-II Acknowledgement Error record:** whenever the CF2PLR Security "PSW" record's Signon and/or password fail DTC's security check, the Acknowledgement file contains only an "Error" ("ERR") record.
2. **CF2PLR Acknowledgement Control record:** if no security violations are detected, a Control ("CTL") record is the first record of the Acknowledgement file.
3. **CF2PLR Acknowledgement Rejected Header record:** if a "header" or "severe" edit error is detected, the Rejected Header ("HDR") record, containing embedded error indicators, follows the "CTL" record in the Acknowledgement file. A "header" edit violation results in the "HDR" being the only Rejected record on the Acknowledgement file (i.e., no further editing is done by DTC). A "severe" edit error implies that the input "HDR" was accepted, but that the entire transmission has been rejected, and more Rejected records will follow.
4. **Rejected CF2PLR transaction records (types "10" thru "60"):** if a CF2PLR transaction record fails an edit, the record is rejected and returned as an Acknowledgement Rejected transaction record, with error flags appended.

Please Note that CF2PLR Pledge or Release transactions (record types "10", "20", "30", "40", "50", and "60") will be rejected and returned if the transmission contains "severe" edit errors. Refer to "CF2PLR Transmission Editing" on page 10 for further details.

5. **CF2PLR Acknowledgement Rejected Trailer record:** if a "severe" edit error is detected, the Rejected Trailer ("TLR") will be the penultimate record in the Acknowledgement file. The Rejected "TLR" record's embedded error flags provide details of any errors detected in the input Trailer record.
6. **CF2PLR Acknowledgement Audit record:** appears as the last record of the Acknowledgement file, if no "security" edit errors are detected. The "ADT" record provides summary totals for all accepted CF2PLR Transmission records.

5.2 Acknowledgement Error Flags

Error flags are either embedded within or appended to Rejected Acknowledgement records. Each of these flags is set to represent the severity and/or type of error that may have been detected in a specific field of any of the CF2PLR Transmission records.

General rules for Acknowledgement Error Flag codes are:

- C 0 - data was accepted as valid;
- C 1 - a format edit error was detected; and
- C 2-9 - a logical edit error was detected.



6.0 CF2PLR Acknowledgement Record Formats

6.1 The CCF-II Acknowledgement Error Record ("ERR")

A CF2PLR Error ("ERR") record is created by the CCF-II system whenever a security violation occurs. *If the Security ("PSW") input record contains erroneous information, the Error "ERR" record is returned as the ONLY Acknowledgement record.*

The format of the 180-character Error ("ERR") record follows.

CCF-II Acknowledgement Error ("ERR") Record (Part 1 of 2)				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	Contains the value "ERR", to identify the ONLY record returned in the CF2PLR Acknowledgement file when a security violation is detected.
4	8	Character	Signon I.D.	Signon I.D. contains the value received in the CF2PLR Transmission Security ("PSW") record, regardless of the validity of the data.
12	8	Character	Filler	DTC use only. Must be initialized to spaces.
20	6	Numeric	Process Date	The date the CF2PLR file was received and edited (MMDDYY).
26	6	Character	Activity Type	The Activity Type submitted in the "PSW" record.
32	3	Numeric	Transmission I.D. Number	The Transmission I.D. Number specified in the "PSW" record.
35	2	Character	Filler	DTC use only. Must be initialized to spaces.



6.1 The CCF-II Acknowledgement Error Record ("ERR") (Continued)

CCF-II Acknowledgement Error ("ERR") Record (Part 2 of 2)

Position	Length	Format	Field Name	Field Description
37	3	Character	Error Status	Indicates the nature of the security violation detected by DTC's CCF-II system. "150" Card image SEQUENCE ERROR detected. Refer to CCF-II/RJE system User Guide, or contact DTC. "222" INVALID PASSWORD detected. Use corrected password or obtain correct pass word by contacting DTC. "333" INELIGIBLE SIGNON detected. Signon I.D. submitted is ineligible for CF2PLR function. Contact DTC.
40	5	Character	Filler	DTC use only. Must be initialized to spaces.
45	6	Numeric	Arrival Time	The time this CF2PLR transmission arrived at DTC (HHMMSS).
51	6	Numeric	Edit Completion Time	The time DTC's editing for this CF2PLR transmission completed (HHMMSS).
57	70	Character	Error Description	A plain-language description of the security violation.
127	54	Character	Filler	DTC use only. Must be initialized to spaces.

6.2 The CF2PLR Acknowledgement Control Record ("CTL")

Whenever a Security record is fully validated (i.e., no security violations are detected), the Control ("CTL") record will be the first record of the CF2PLR Acknowledgement file. The 180-character Control record, summarizing DTC's processing of the CFPLR transmission file, is described below.

CF2PLR Acknowledgement Control ("CTL") Record (Part 1 of 3)				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	Contains the value "CTL", to identify the first record of the CF2PLR Acknowledgement file (when no security violations are detected).
4	8	Character	Signon I.D.	Signon I.D. from "HDR" record, regardless of its validity.
12	2	Character	Individual User (Signon Department)	Individual User from "HDR" record, regardless of its validity.
14	6	Character	Filler	DTC use only. Must be initialized to spaces.
20	6	Numeric	Process Date	The date the CF2PLR Input Transmission file was processed by DTC (MMDDYY).
26	6	Character	Activity Type	Activity Type from "HDR" record, regardless of its validity.
32	3	Numeric	Transmission I.D. Number	TRANID Number from "HDR" record, regardless of its validity.
35	1	Character	Transmission Option	Transmission Option from "HDR" record, regardless of its validity.
36	1	Character	Processing Option	Processing Option from "HDR" record, regardless of its validity.



6.2 The CF2PLR Acknowledgement Control Record ("CTL") (Continued)

CF2PLR Acknowledgement Control ("CTL") Record (Part 2 of 3)

Position	Length	Format	Field Name	Field Description
37	3	Character	Transmission Processing Status Code	Indicates the status of the CF2PLR Transmission, as processed by DTC's CCF-II system.
			000	TRANSMISSION FULLY ACCEPTED. No invalid CF2PLR transactions.
			010	TRANSMISSION PARTIALLY ACCEPTED. Invalid CF2PLR transactions to follow.
			***	Status codes above 099 indicate that the entire CF2PLR transmission will be returned, usually due to Header, Trailer or Cutoff Time errors.
			100	EVERY DATA RECORD WAS REJECTED.
			444	Transmission rejected. NO FILE WAS RECEIVED.
			555	Transmission rejected. RECEIVED OUTSIDE CUTOFF PARAMETERS.
			600	Transmission rejected. FUNCTION WAS NOT "CF2PLR".
			666	Transmission rejected. FUNCTION CF2PLR UNAVAILABLE.
			777	Transmission rejected. TRAILER TOTALS DO NOT MATCH DTC's calculated totals.
			800	Transmission rejected. TRAILER RECORD NOT RECEIVED.



6.2 The CF2PLR Acknowledgement Control Record ("CTL") (Continued)

CF2PLR Acknowledgement Control ("CTL") Record (Part 3 of 3)

Position	Length	Format	Field Name	Field Description
				877 Transmission rejected. RECORD SEQUENCE ERROR, or INVALID RECORD TYPE RECEIVED; HEADER WAS NOT FIRST RECORD or TRAILER WAS NOT LAST RECORD ON FILE.
				888 Transmission rejected. TRAILER CONTAINS INVALID DATA.
				999 Transmission rejected. HEADER CONTAINS INVALID DATA.
40	7	Numeric	Returned Error Count	The total number of erroneous DETAIL records returned to the transmitter. This count EXCLUDES returned Header and Trailer records, if they exist.
47	6	Numeric	Arrival Time	The time this CF2PLR transmission arrived at DTC (HHMMSS).
53	6	Numeric	Edit Completion Time	The time DTC's editing for this CF2PLR transmission completed (HHMMSS).
59	122	Character	Filler	DTC use only. Must be initialized to spaces.

6.3 The CF2PLR Acknowledgement Rejected Header Record ("HDR")

Whenever a "header" edit error is detected the remainder of the CF2PLR Transmission file is refused. In this case, the CF2PLR Acknowledgement file will contain only two records -- the "CTL" and Rejected "HDR" records. A "Header" edit error is distinguished by a non-zero value in one (or more) of the Rejected "HDR" record's error flags.

"Severe" edit errors also cause the Rejected "HDR" record to appear in the Acknowledgement file, but in these situations each of the Rejected "HDR" record's error flags with contain ZERO. A Rejected "HDR" record with no error flags set on (i.e., set to a non-zero value) implies that a "severe" edit error was detected, and that each subsequent record of the CF2PLR Transmission (input) file will, in turn, appear as a rejected record in the CF2PLR Acknowledgement file.

The format of the 180-character Rejected Header record follows.

CF2PLR Acknowledgement Rejected Header ("HDR") Record (Part 1 of 3)

Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	Should contain the value "HDR", if the CF2PLR Transmission file arrived in proper sequence. In any case, the information contained in positions 1-3 of the first CF2PLR transmission record will appear here.
4	33	Character	Input Header Record	Contains the information received in positions 4-36 of the CF2PLR Transmission file's "HDR" record (or the first record received).
37	10	Numeric	Header Record Error Flags	A series of ten, 1-byte fields to provide indication of the type and severity of error that may have occurred.
37	1	Numeric	Flag #1: Record Type	"0" = first Record Type was "HDR". "1" = first Record Type not "HDR".



6.3 The CF2PLR Acknowledgement Rejected Header Record ("HDR") (Continued)

**CF2PLR Acknowledgement Rejected Header ("HDR") Record
(Part 2 of 3)**

Position	Length	Format	Field Name	Field Description
38	1	Numeric	Flag #2: Signon I.D.	"0" = Signon I.D. was accepted. "1" = Signon I.D. unacceptable.
39	1	Numeric	Flag #3: Individual User	"0" = Individual User (for Signon) accepted. "1" = Individual User not space or zero.
40	1	Numeric	Flag #4: Process Date	"0" = Process date was accepted. "1" = Process date was invalid. "2" = Process date not same as transmission date.
41	1	Numeric	Flag #5: Activity Type	"0" = Activity Type was "CF2PLR". "1" = Activity type not "CF2PLR".
42	1	Numeric	Flag #6: Transmission I.D. Number	"0" = TRANID was accepted. "1" = TRANID was zero or non-numeric. "2" = TRANID was not unique today.
43	1	Numeric	Flag #7: Transmission Option	"0" = Transmission Option was "A". "1" = Transmission Option not "A".
44	1	Numeric	Flag #8: Processing Option	"0" = Processing Option was "T" or "P". "1" = Processing Option not "T" or "P".
45	2	Numeric	Flags #9-10	Flags #9-10 are unused and will be set to Zero.



6.3 The CF2PLR Acknowledgement Rejected Header Record ("HDR") (Continued)

**CF2PLR Acknowledgement Rejected Header ("HDR") Record
(Part 3 of 3)**

Position	Length	Format	Field Name	Field Description
47	94	Character	Filler	Contains the information received in positions 47-140 of the CF2PLR Transmission file's "HDR" record (or the first record received).
141	40	Character	Filler	DTC use only. Must be initialized to spaces.



6.4 Rejected CF2PLR Transaction Records (types "10" thru "60")

Whenever an edit error is detected in a CF2PLR transaction record, it is returned in the Acknowledgement file, with one or more of its 40 appended error flags set to indicate the type of error encountered.

Please note that flags #1-11 do not apply to every CF2PLR transaction type, and that flags #12-21 apply only to OCC Release of Deposit Requests (record type "30" where Pledgee is "554" or "981").

The format of the 180-character Rejected CF2PLR Transaction record follows.

Rejected CF2PLR Transaction (Types "10" thru "60") Records (Part 1 of 9)

Position	Length	Format	Field Name	Field Description
1	2	Character	Rejected Input Pledge or Release Record Type	Rejected record type. "10" = Rejected Free Pledge "20" = Rejected Valued Pledge "30" = Rejected Free Release Request "40" = Rejected Valued Release Request "50" = Rejected Free Release Return "60" = Rejected Valued Release Return
3	138	Character	Rejected Input Pledge or Release Transaction	Contains the remainder of the rejected input Pledge or Release Transaction record (types "10" thru "60").
141	40	Numeric	CF2PLR Transaction's Error Flags	A series of forty, 1-byte fields to provide indication of the type and severity of error that may have occurred.



6.4 Rejected CF2PLR Transaction Records (types "10" thru "60") (Continued)

Rejected CF2PLR Transaction (Types "10" thru "60") Records
(Part 2 of 9)

Position	Length	Format	Field Name	Field Description
141	1	Numeric	Flag #1: Record Set Error	"0" = Record is valid "1" = This record rejected due to subsequent edit error(s) or "severe" transmission error. "2" = Sequence error: this record was received after CF2PLR "TLR" Trailer record. THIS RECORD WILL NOT BE EDITED FURTHER! "3" = Record Type invalid (not a "10", "20", "30", "40", "50", or "60" record. THIS RECORD WILL NOT BE EDITED FURTHER!
142	1	Numeric	Flag #2: Cutoff Time	"0" = Before Cutoff time. "1" = CNS Free Release Request received after cutoff time. "2" = Options Release of Deposit Request received after cutoff time. "3" = Valued transaction (Pledge, Release Request or Return) received after cutoff time; OR Free Release Request or Return of CP CUSIP received after cutoff time. "4" = Valued Pledge to a Settling Bank received after cutoff time. "5" = Free Pledge received after cutoff time. "6" = Free Release Return received after cutoff time.

**6.4 Rejected CF2PLR Transaction Records (types "10" thru "60")** *(Continued)***Rejected CF2PLR Transaction (Types "10" thru "60") Records
(Part 3 of 9)**

Position	Length	Format	Field Name	Field Description
143	1	Numeric	Flag #3: Pledgor Participant Number	"0" = Pledgor number is valid. "1" = Pledgor number is non- numeric, zero, or exceeds 9999. "2" = Pledgor Number does not match Signon ID, or is not valid for Group User Signon ID. "3" = Pledgor number is not a valid DTC Participant number. "4" = Pledgor is ineligible, locked or chilled for CUSIPs. "6" = Pledgor for two-party OCC Release of Deposit Request (matches OCC Member Number) is a bank.



6.4 Rejected CF2PLR Transaction Records (types "10" thru "60") (Continued)

Rejected CF2PLR Transaction (Types "10" thru "60") Records
(Part 4 of 9)

Position	Length	Format	Field Name	Field Description
144	1	Numeric	Flag #4: Pledgee Number	"0" = Pledgee Number is valid. "1" = Pledgee Number is zero or non-numeric. "2" = Pledgee Number is not a valid DTC Pledgee Bank number. "3" = Pledgee Number is frozen for DTC processing. "4" = Pledgee's associated Participant number is invalid. "5" = Pledgee's INFO/SIGNON is invalid, or Release Return Pledgee's associated participant number or INFO/SIGNON does not match transmission SIGNON-ID, or is not valid for Group User SIGNON-ID. "6" = Pledgee's associated Participant number is invalid for CUSIPs; or Pledgee# 800 (DTC Reserve Fund) requires CUSIP and Pledgor. "7" = OCC/DTC Funds Accounts are not eligible for valued transactions, DTC Funds Accounts not eligible for Release Return transactions.



6.4 Rejected CF2PLR Transaction Records (types "10" thru "60") (Continued)

Rejected CF2PLR Transaction (Types "10" thru "60") Records
(Part 5 of 9)

Position	Length	Format	Field Name	Field Description
145	1	Numeric	Flag #5: Loan Date	"0" = Loan Date is valid. "1" = Loan Date is zero, non numeric or not a valid calendar date. "2" = Loan Date exceeds today's date. "3" = Loan Date for OCC transaction is not "032073".
146	1	Numeric	Flag #6: Purpose / Release Type	"0" = Purpose / Release Type is valid. "1" = Purpose / Release Type is not "1", "2", "3" or "4".
147	1	Numeric	Flag #7: Hypothecation Code / CNS Indicator	"0" = Hypothecation code / CNS Indicator is valid. "1" = Hypothecation code is not "1", "2", or "3", CNS Indicator is not SPACE or "1".
148	1	Numeric	Flag #8: CUSIP Number	"0" = CUSIP Number is valid. "1" = CUSIP is zero or space. "2" = CUSIP is not valid for DTC. "3" = CUSIP is locked or chilled for DTC processing. "4" = CP CUSIP is ineligible for pledging to DTC Fund Accounts. "5" = Valued transaction's CUSIP is not eligible.



6.4 Rejected CF2PLR Transaction Records (types "10" thru "60") (Continued)

Rejected CF2PLR Transaction (Types "10" thru "60") Records
(Part 6 of 9)

Position	Length	Format	Field Name	Field Description
149	1	Numeric	Flag #9: Quantity	"0" = Quantity is valid. "1" = Quantity is zero or non-numeric or > 999,999 where 1 = 1000. "2" = Quantity for free transaction exceeds 999,999,999. "3" = Quantity for Valued bond item exceeds 50,000 (for 1 = 1000) or exceeds 50,000,000 (for 1000 = 1000) and 50,000 for stocks.
150	1	Numeric	Flag #10: Loan Value	"0" = Loan Value is valid. "1" = Loan Value is zero or non-numeric. "2" = Loan Value exceeds 99,999,999.99.
151	1	Numeric	Flag #11: Prevent Pend Code (P/P)	"0" = P/P code is valid "1" = P/P code is not space or "P". "2" = Prevent Pend is not allowed for pledge to DTC Fund Account.
152	1	Numeric	Flag #12: OCC Third Party	"0" = Third party is valid. "1" = Third party is non-numeric.
153	1	Numeric	Flag #13: OCC Entry Type	"0" = Entry type is valid. "1" = Entry type for two-party request is blank.
154	1	Numeric	Flag #14: OCC Account Type	"0" = Account type is valid. "1" = Account type for two-party request is blank.
155	1	Numeric	Flag #15: OCC Put/Call Code	"0" = Put/Call code is valid. "1" = Put/Call code is not "C", "P" or space.



6.4 Rejected CF2PLR Transaction Records (types "10" thru "60") (Continued)

Rejected CF2PLR Transaction (Types "10" thru "60") Records
(Part 7 of 9)

Position	Length	Format	Field Name	Field Description
156	1	Numeric	Flag #16: OCC Trade Symbol	"0" = Trade symbol is valid. "1" = Trade symbol is blank.
157	1	Numeric	Flag #17: OCC Expiration Month	"0" = Expiration Month is valid. "1" = Expiration Month is not a valid calendar month.
158	1	Numeric	Flag #18: OCC Expiration Year	"0" = Expiration Year is valid. "1" = Expiration Year is non-numeric.
159	1	Numeric	Flag #19: OCC Exercise (Strike) Price	"0" = Exercise Price is valid. "1" = Exercise Price is non-numeric or zero.
160	1	Numeric	Flag #20: OCC Fraction	"0" = Fraction is valid "1" = Fraction is non-numeric or not between 0-7.
161	1	Numeric	Flag #21: OCC Member Number	"0" = OCC Member Number is valid. "1" = OCC Member Number is blank, zero, non-numeric or exceeds 9999. "2" = OCC Member Number is not a valid DTC Participant number. "3" = OCC Member is ineligible, locked or chilled for CUSIPs. "4" = OCC Member Number for two-party OCC Release of Deposit Request is a bank.
162	1	Numeric	Flag #22: CUSIP/IPO Indicator	"0" = IPO CUSIP is valid. "1" = CUSIP is not valid for IPO account.



6.4 Rejected CF2PLR Transaction Records (types "10" thru "60") (Continued)

Rejected CF2PLR Transaction (Types "10" thru "60") Records
(Part 8 of 9)

Position	Length	Format	Field Name	Field Description
163	1	Numeric	Flag #23: DTC Funds Account/IPO	"0" = Accounts valid for IPO account. "1" = Accounts invalid for IPO account.
164	17	Numeric	Flags #24-40	Flags #24-40 are unused and will be set to zero.



6.5 The CF2PLR Acknowledgement Rejected Trailer ("TLR") Record

A "severe" edit error will cause the Rejected "TLR" record to be returned in the Acknowledgement file. If all ten of the Rejected "TLR" record's error flags contain ZERO, the CF2PLR transmission was rejected due to a non-Trailer related "severe" edit error. If any of the Rejected "TLR" record's error flags has a non-zero value, the Trailer record was the source of the "severe" edit error.

The format of the 180-character Rejected Trailer record follows:

CF2PLR Acknowledgement Reject Trailer ("TLR") Records (Part 1 of 3)

Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	Should contain the value "TLR", assuming the last CF2PLR Transmission record was a Trailer. In any case, the information contained in positions 1-3 of the last record will appear here.
4	50	Character	Input Trailer Record	Contains the information received in positions 4-55 of the CF2PLR Transmission file's "TLR" (or last) record.
54	10	Numeric	Trailer Record's Error Flags	A series of ten, 1-byte fields to provide indication of the type and severity of error that may have occurred.
54	1	Numeric	Flag #1: Record Type	"0" = "TLR" was last record on file. "1" = "TLR" was not the last record.
55	1	Numeric	Flag #2: Signon I.D.	"0" = Signon I.D. was accepted. "1" = Signon I.D. did not match "HDR" record Signon I.D.
56	1	Numeric	Flag #3: Activity Type	"0" = Activity Type was "CF2PLR". "1" = Activity Type not "CF2PLR".



6.5 The CF2PLR Acknowledgement Rejected Trailer ("TLR") Record (*Continued*)

CF2PLR Acknowledgement Reject Trailer ("TLR") Records (Part 2 of 3)

Position	Length	Format	Field Name	Field Description
57	1	Numeric	Field #4: Transmission I.D. Number	"0" = TRANID was accepted. "1" = TRANID did not match "HDR" record TRANID.
58	1	Numeric	Flag #5: Total Record Count	"0" = Total Record Count matches DTC's calculated total. "1" = Total Record Count is non-numeric. "2" = Total Record Count does not match DTC's calculated total.
59	1	Numeric	Flag #6: Total Quantity	"0" = Total Quantity matches DTC's calculated total. "1" = Total Quantity is non- numeric. "2" = Total Quantity does not match DTC's calculated total.
60	1	Numeric	Flag #7: Total Loan Value	"0" = Total Loan Value matches DTC's calculated total. "1" = Total Loan Value is non- numeric. "2" = Total Loan Value does not match DTC's calculated total.
61	3	Numeric	Flags #8-10	Flags #8-10 are unused and will be set to Zero.
64	77	Character	Filler	Contains the information received in positions 64-140 of the CF2PLR Transmission file's "TLR" record (or last record received).
141	40	Character	Filler	DTC use only. Must be initialized to spaces.



6.6 The CF2PLR Acknowledgement Audit ("ADT") Record

The Audit ("ADT") record is the last record of the CF2PLR Acknowledgement file, except when the incoming transmission contains "security" violations. If no "security" error is detected, the Acknowledgement file's "CTL" and "ADT" records will bracket any Acknowledgement Rejected records that are returned. The Audit ("ADT") record has a similar format to the CF2PLR input Transmission Trailer record. Its identifying fields, however, are derived from the input Transmission Header record (when it is present), and its TOTALS ARE DERIVED FROM ACCEPTED CF2PLR RECORDS ONLY.

When transmitted, the Audit ("ADT") record is the final CF2PLR Acknowledgement record. The 180-character CF2PLR "ADT" Audit record is described in the table below.

Position	Length	Format	Field Name	Field Description
1	3	Character	Record Type	Contains value "ADT", identifying the Audit record.
4	8	Character	Signon I.D.	Identifies the transmitter, as derived from the CF2PLR Transmission file's Header ("HDR") record.
12	6	Character	Activity Type	Will contain the value "CF2PLR".
18	3	Numeric	Transmission I.D. Number	Copied from the "HDR" record's Transmission I.D. Number.
21	7	Numeric	Total Accepted Record Count	The total number of pledge/release transaction records in this CF2PLR transmission that were accepted, as calculated by DTC.
28	11	Numeric	Total Accepted Quantity	The total quantity from all the accepted pledge/release transaction records in this CF2PLR transmission, as calculated by DTC.



6.6 The CF2PLR Acknowledgement Audit ("ADT") Record (Continued)

CF2PLR Acknowledgement Audit ("ADT") Record (Part 2 of 2)

Position	Length	Format	Field Name	Field Description
39	15	Numeric	Total Accepted Loan Value	The Total Loan Value from all the accepted pledge/release transaction records in this CF2PLR transmission, as calculated by DTC. This field has 2 implied decimal places.
54	127	Character	Filler	DTC use only. Must be initialized to spaces.