CCF/CCF-II/MDH Transmission Guides

5.21 PEND Action (PCL1):
Function User's Guide

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Table of Contents

1   Objectives of This Chapter

The objectives of this chapter are to:

- Give an overview of PCL1 INPUT functions

- Illustrate the formats of required records

2 PCL1 Overview

A PEND Action (PCL1) is a transaction received by the Depository Trust Company requesting immediate cancel, hold, hold-block or activation of a PENDing transaction. The participant initiates the request.

A user may use the PCL1 function to transmit a day cycle Deliver Order transaction to DTC starting at 3:00 a.m. and continuing throughout the business day.

2.1 PCL1 Transmissions

When using the PCL1 functions, the user transmits cancellations of pending transactions to DTC and receives responses indicating any errors that have been detected in the transmitted transactions.

If the transactions transmitted to DTC via PCL1 are considered critical, the User should prepare procedures to be invoked in the event the transmission media is unavailable.

2.2 Modes of Transmission

The PEND Action function is available via MQ.

3 PEND Action Transactions

Each application data record consists of:

- A transaction header that contains six communication-oriented fields, for a total of 26 characters

- The deliver order/night deliver order input (detail) file.

If an input file does not meet edit criteria, DTC returns it to the submitter in an output record, preceeded by a mailbox prefix and followed by an error block to identify the field(s) in error.

Potential errors are listed in Section 4 of this document. A full description of this processing is contained in the Chapter 2.03, Interface Control Manager (Transaction Input).

All fields indicated as DTC Validation = Yes are validated.

3.1 PCL1 INPUT File Format

POSITION	LENGTH	FORMAT	FIELD NAME	VALIDATE	FIELD DESCRIPTION
Positions 1 through 26: Transaction Header
1–1	1	Character X(1)	Feedback Indicator	N	* = If no errors ? = If record contains errors This field is used by DTC to indicate the return of this record because of errors. A full description of this processing is available in a separate document, *Interface Control Management*.
2–2	1	Character X(1)	Production Test Indicator	Y	Required Indicator: P = Production; T = Test
3–8	6	Character X(8)	Record Type	Y	Type of data contained in message: DOXPCL - PEND action
9–10	2	Numeric 9(2)	Record Suffix	Y	Record number identifier: 01 = First Record

POSITION	LENGTH	FORMAT	FIELD NAME	VALIDATE	FIELD DESCRIPTION
11–12	2	Numeric 9(2)	Version Number	Y	Version number of the input that defines the record format; incremented as fields are added or deleted from the format. Refer to the cover page or this document for version number.
13–18	6	Character X(6)	Record Sequence Number	N	Submitter of assigned transaction identifier (optional); returned only during interactive error reporting.
19–26	8	Character X(8)	Addressee	–	Reserved for DTC use.
27-34	8	Character X(8)	Transaction Number	Y	Number of the transaction to be acted upon. This number is the decimal representation of the transaction number (ATP RBN); if less than 8-digits, leading zeroes must be included. For example, if a transaction number is 2992, this field must be populated with 00002992.
35-42	8	Numeric 9(8)	Requester	Y	The participant number of the requester, except if the requester is a pledgee bank that wants to cancel a free pledge. In this case requester is the requester's pledgee bank number.
43-43	1	Character X	Action Indicator	Y	Indicates the action to be taken. Valid values are: 'C' CANCEL 'H' HOLD 'B' HOLD-BLOCK. 'A' ACTIVATE
44-80	37	Character X(37)	filler	N	Reserved for future use

4 PCL1 Error Codes

The machine-readable input error codes are a combination of the field in error (a 4-byte field code) and the error type (a 4-byte reason code). The resultant 8-byte error codes identify the specific fields and the types of errors that prevented an input message from being processed. Inputs containing one or more errors are returned to the submitter for correction. The following error code table is sorted alphabetically by field code (column one) and then by reason code (column two).

PEND ACTION ERROR CODES		
Field Code	**Error Code**	**Explanation**
AAAH		**Requesting Participant**
	9AAA	Invalid
	9AAE	Invalid data - refer to documentation
	9ABB	Not found on Master Tables
	9ABD	Not numeric
	9ACK	Global lock
CAGN		**Transaction Number**
	9AAA	Invalid
	9ABB	Not found
	9AAE	Invalid data - error processing transaction
	9AAL	Past cutoff
	IABN	Duplicate input
EAF9		**Action Indicator**
	9AAE	Invalid data - refer to documentation