

March 12, 2010

First Quarter 2010 Standard File Update

The First Quarter 2010 Standard File Update contains information regarding new standard files, updates to existing standard files and other standard file–related information. Please contact your home office or Pershing Account Manager, as appropriate, to add or remove any individual from the distribution of future Standard File Updates. Service providers should e-mail Pershing's Data Delivery Group at datadelivery@pershing.com to request changes to their distribution lists.

New Website for Standard File Layouts

Standard file layouts are now available for download in Portable Document Format (PDF) from a secured area of Pershing's website, www.pershing.com. Standard file layouts can be accessed solely at http://www.pershing.com/standard_files/layouts.html; visitors to the www.pershing.com home page and other areas of the site will not be able to reach the secured page.

The move of standard file layouts to www.pershing.com is expected to facilitate regular updates and allow your firm more control over access to the layouts by your third-party service providers. Until the current site, www.netxpro.com/layouts.htm, is removed, visitors to the site will see the following message concerning the move:

Pershing LLC standard file layouts are no longer available at this location. To obtain access to the layouts, please contact your firm or send a request to Pershing via datadelivery@pershing.com. If you have questions, please call Pershing's Technology Help Desk at (800) 876-2001.

The same message will also appear in searches for standard file layouts in Resources via NetX360™.

For more information, please call Pershing's Technology Help Desk at (800) 876-2001, option 1.

Recent Standard File Updates

The following enhancements have been made to existing standard files. Please review the file layouts for more details.

FORM NAME	FILE NAME	DESCRIPTION
ACCT/F	Customer Account Information	Record W, positions 049–051, has been updated to include Statement Language.
		A new field, Beneficiary Percentage Allocation, was added to Record X, positions 573–590. The field applies only to beneficiaries of Transfer on Death Individual (TODI) and Transfer on Death Joint (TODJ) accounts.
		New account indicators were added to the name and address file: Shell Account Indicator—Record W, position 696 Purge Eligible Indicator—Record W, position 697

Recent Standard File Updates (continued)

FORM NAME	FILE NAME	DESCRIPTION
ISCA	Security Descriptions— International and Domestic	<p>The values in the Interest Calculation Code field, a field which was carried over from an earlier system, were recently modified to align them with the codes on our current Product Master (PROM) system. The modifications will appear in a new field, “New” Interest Calculation Code, which will be added to filler in Record B, position 127, of the ISCA file.</p> <p>NOTE: This change will not be applied to the retired Security Description (DESC) file; consequently, Interest Calculation Code information in that retired file will not be fully accurate. Please migrate to ISCA at your earliest convenience.</p> <p>For a limited time, we will continue to populate the current Interest Calculation Code information on ISCA, as defined in position 121, within Record A. The current field in the layout has been renamed “Old” Interest Calculation Code and will be changed to filler after June 30, 2010.</p>
		<p>On January 16, 2010, a new field, Variable Rate Indicator, was added to filler in Record D, position 122.</p>
		<p>The International Securities Identification Number (ISIN) field in Record G, positions 053–084, which was originally sized for 32 characters, was redefined to the correct field size of 12 characters in positions 053–064. Within the redefined space in positions 065–084, a new field called Issue Identifier will be housed in positions 065–079, followed by filler in positions 080–084.</p>

Upcoming New Standard Files and Standard File Updates

FORM NAME	FILE NAME	DESCRIPTION
ACCT/F	Customer Account Information	<p>A new “yes/no” (Y/N) value indicator will be added to ACCT/F in Record W, position 55, in response to the Municipal Securities Rulemaking Board (MSRB) Ruling for Paper Statements. A “Y” value indicates that a municipal securities holder has requested a paper copy of his or her statement.</p> <p>The implementation date will be March 20, 2010.</p>
		<p>To better serve you, two new fields, Advisory Account Indicator and Product Profile Code, will be added to Record W, starting in position 698. Please see the layout for details.</p> <p>The anticipated implementation date will be in July 2010.</p>

Options Symbology and Standard Files

The Options Clearing Corporation (OCC) coordinated the industry-wide Options Symbology Initiative (OSI), which was implemented on February 12, 2010. The new OCC data set of options symbols comprises the following four fields:

FIELD	SIZE FOR OCC	DEFINITION
Option Root (Not Underlying Symbol)	6 bytes (AN)	Option Root ID is the new field that has been added to PROM to store the option root symbol. The root symbol is the short identifier, or ticker symbol, of the security for which the option is being written. Some options are written for products that do not have symbols; however, the OCC will still assign a root symbol to those options.
Expiration Date	6 bytes (N)	The expiration date, in YYMMDD format, is the date the option will no longer be in effect.
Put/Call Code	1 byte (AN)	The Put/Call code indicates whether the option has been written to give the owner the right to sell ("put") or buy ("call") the underlying asset. Seven possible values may appear in the field: B = Bank Pledge (Call) C = Call D = Bank Pledge (Put) E = Escrow Receipt L = Letter of Credit (Call) M = Letter of Credit (Put) P = Put
Strike Price	8 bytes (N) 9(05)v9(03)	The strike price is the stated price per share for which an underlying stock may be purchased (for a call) or sold (for a put) by the option holder upon exercise of the option contract.

To help you in your options business, Pershing added the new OCC data set options symbols to the following standard files.

FORM NAME	FILE NAME	OCC DATA SET POSITION	COMPLETION
ACA2	Account Transfers	Record 2, positions 150–170	November 3, 2009
CAPS/CAPT	Commissions Daily Settlement Date (CAPS)/ Commissions Daily Trade Date (CAPT)	Record 5, positions 005–025 NOTE: This is a new record mandated by the OSI.	October 2, 2009

Options Symbology and Standard Files (continued)

FORM NAME	FILE NAME	OCC DATA SET POSITION	COMPLETION
CONC	Concentrated Accounts (CONC)	Record E, positions 10–30 NOTES: Special changes have been made to this file to comply with the OSI. For options transactions only, the Symbol field, currently in Record E, positions 10–18, has been shortened 3 bytes to positions 10–15, while the CUSIP [®] Description field was removed and the Quantity field moved to positions 38–47. For all other product types, the existing CONC (Concentrated Accounts) format will remain the same. Also, a new field to indicate if a record denotes an option transaction has been added to filler in Record E, position 116.	November 6, 2009
CONC	Concentrated Accounts	Record E, positions 10–47 NOTE: This field was redefined for options that are only using the new symbology.	November 6, 2009
FT50	Firm Trading FT50	Record A, positions 383–403	January 15, 2009
GACT	Global Bookkeeping Activity	Record A, positions 674–694	November 3, 2009
GCUS	Global Customer Position	Record B, positions 092–112	November 3, 2009
GOTX	Global Open Order and Trade Execution	Record A, positions 696–716 Record B, positions 475–495	November 6, 2009
GTDE	Global Trade	Record A, positions 1035–1055	August 7, 2009
GTRD	General Trades File	Record A, positions 406–426	August 7, 2009
ISCA (See #4 below regarding the retired DESC file)	Security Description—International and Domestic	Record I, positions 021–041 NOTES: This new record is mandated by the OSI. Initially, this new record will only be produced for option securities.	October 23, 2009
OELG	Order Execution Log/ Books and Records	Record B, positions 310–330	November 6, 2009
OORD	Open Order Books and Records	Record B, positions 310–330	November 6, 2009
OPTX	Options Expiration	Record A, positions 089–109	November 6, 2009
ORDS	Open Orders	Record C, positions 002–022	October 23, 2009

Options Symbology and Standard Files (continued)

FORM NAME	FILE NAME	OCC DATA SET POSITION	COMPLETION
PPES	Portfolio Holdings	Record A, positions 322–342	November 6, 2009
TRDS	Trades Settlement	Record 4, positions 66–86 NOTE: For options transactions only, this new option symbol will occupy the first 21 bytes of the field currently used for Mutual Funds Information Processing System (MIPS) comments for mutual fund transactions. Because the retiring Trade (TRDE) file shares a copybook with TRDS, this change will apply to TRDE, as well.	August 7, 2009

1. Except in the case of the CONC file (see note above), the existing symbol fields for these files continued to be populated as they had been for options, until the mandatory industry cutover on February 12, 2010.
2. There was a transition period during which both the symbol field and the new 21-byte OCC data set were populated. All of the files listed above contained the new OCC data set option symbol fields prior to the mandatory 2010 industry cutover.
3. Updated file layouts showing the OCC data set option symbol will be posted to the Pershing standard files website page at http://www.pershing.com/standard_files/layouts.htm.
4. The DESC file, which is considered retired, was not updated with the OCC data set option symbol. Please migrate to the ISCA file in order to receive the new OCC data set option symbol. **Also see the note above on TRDS for information on TRDE.**
5. The following standard files, which consist of a total of seven separate files, will not be remediated with the OCC data set option symbols due to the nature of their data content: **CONF, RE01-5 and RVLG.**

NOTE: If you receive and use the option symbol field in any Pershing non-standard file transmission, or any other Pershing file not discussed here, please contact your Pershing Account Manager to discuss your alternatives.

Standard File Delivery Infrastructure (SFDI)

Important Notice: Pershing enables your firm to directly manage your standard files' data using SFDI.

Accessible via the Admin tab in NetX360, the Destination Extract Criteria option simplifies the setup and maintenance necessary for Pershing to deliver standard files to your firm and to your data vendors. Please see the task reference sheet for details on functionality and required entitlements.

All configurations must have been performed by you in SFDI by January 31, 2010, at which time we stopped accepting Service Center requests for Standard File Configuration changes.

SFDI has replaced the need for several standard file Service Center request types. The new system was introduced in November 2009. We will continue to notify you through upcoming Standard File Updates, as well as other announcements, about training opportunities for the new application.

Verification Process for Standard File Configurations

With the SFDI changes, we ask that you verify the accuracy of all your standard file configurations by immediately notifying your Account Manager or Pershing's Data Delivery Group at datadelivery@pershing.com of any file configuration concerns. Your firm will be fully responsible for the accuracy of its standard file configurations, whether or not your firm reconfigures its standard files.

Standard File Delivery Infrastructure (continued)

As a suggested good practice, we encourage you to regularly perform a validation check of all your standard file configurations to ensure that they remain clean and accurate.

If you have any questions, please contact the Technology Help Desk at (800) 876-2001, option 1.

New File Transmission Protocol (FTP)

In addition to our existing FTP transmission protocols, Pershing is now offering Secure FTP (SFTP) or Secure Shell (SSH), which offers the following benefits:

- SFTP requires less processing time and space than some of the existing supported FTP protocols.
- SFTP does not require certificates or keys, allowing for the creation of new remote sites.
- SFTP offers better compression than existing protocols.

Non-Public Personal Information (NPPI) Letter of Authorization Reminder

As announced in the [September 3, 2009, Operations Update](#), Pershing requires a new Letter of Authorization to transmit client data via our standard files to designated third-party service providers on behalf of your firm. The new Letter of Authorization was e-mailed directly to your firm's operational and compliance officers on October 21, 2009, and should have been fully executed by a duly authorized representative of your firm by December 31, 2009. If your firm has not yet executed the Letter of Authorization, **Pershing will begin to suspend standard file transmissions to your vendors until the Letter of Authorization is accepted.**

Redaction of Data Points

To better protect the privacy of your clients, Pershing will be redacting nine sensitive data fields across the standard files that we send to your third-party software vendors on your behalf. If any of the fields are required by your vendor in order to service your needs, your vendor must notify us by March 31, 2010. We will solicit this information from your vendors directly.

Retiring Standard Files and NPPI Data

In light of stricter regulatory concerns surrounding data privacy, we have made the decision to aggressively terminate retired files that contain privacy-related data. This data is contained in the replacement files and should no longer be accessed in the retired file. We are doing this to limit exposure to sensitive NPPI data. For your convenience, all of our retired standard files are listed below with their replacement files and termination dates, where applicable.

Retired files continue to be transmitted for those who currently receive them, but cannot be added to a remote site. These files are expected to be eliminated and are not subject to any remediation. Known elimination dates are noted.

RETIRING FILE NAME	RETIRING FORM NAME	REPLACEMENT FILE NAME	REPLACEMENT FORM NAME/NOTES	ELIMINATION/TURN-OFF DATE
CID Books and Records	CIBR	Account Services	ACCF/T	August 31, 2010
CAPS Monthly Trade Date	CPTM	CAPS Monthly File	CPSM	September 30, 2010

Retiring Standard Files and NPPI Data (continued)

RETIRING FILE NAME	RETIRING FORM NAME	REPLACEMENT FILE NAME	REPLACEMENT FORM NAME/NOTES	ELIMINATION/TURN-OFF DATE
Security Description—Domestic	DESC	Security Description—International and Domestic	ISCA	To be determined
Global Processing	GTR1	Global Trade	GTDE	To be determined
Name and Address Add	NADD	Customer Account Information Change	ACCT	NOTE: The InfoDirect [®] termination date is set for March 31, 2010; look for updates on the InfoDirect website.
Name and Address Change	NCHG	Customer Account Information Change	ACCT	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.
PONA 9 Detail Add	PN9A	Customer Account Information	ACCT	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.
PONA 9 Detail Change	PN9C	Customer Account Information	ACCT	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.
PONA 9 Detail Full	PN9F	Customer Account Information	ACCF	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.

Retiring Standard Files and NPPI Data (continued)

RETIRING FILE NAME	RETIRING FORM NAME	REPLACEMENT FILE NAME	REPLACEMENT FORM NAME/NOTES	ELIMINATION/TURN-OFF DATE
PONA Cash	PONA	Customer Account Information	ACCF/T	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.
PONA Supplemental Add	SUPA	Customer Account Information	ACCT	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.
PONA Supplemental Change	SUPC	Customer Account Information	ACCT	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.
PONA Supplemental Full	SUPF	Customer Account Information	ACCF	NDM and FTP: August 31, 2010 NOTE: The InfoDirect termination date is set for March 31, 2010; look for updates on the InfoDirect website.
Trade File	TRDE	Global Trade	GTDE	To be determined

Pershing Holiday Schedule and Standard Files Processing

Pershing follows the holiday schedule of the New York Stock Exchange[®] (NYSE[®]), and will not run batch processing on the dates below. Therefore, files will not be received on any of these evenings or the following mornings.

April 2*	Friday	Good Friday
May 31	Monday	Memorial Day
July 5	Monday	Independence Day
September 6	Monday	Labor Day
November 25	Thursday	Thanksgiving
December 24*	Friday	Christmas

Pershing Holiday Schedule and Standard Files Processing (continued)

On the following two days, banks will be closed while the NYSE remains open. Therefore, two of our banking-related files, ACTV and PSWF, will only contain headers and trailers on those nights. Please expect these file(s) to be empty and process them accordingly.

October 11	Monday	Columbus Day
November 11	Thursday	Veteran's Day

Additionally, the FUND file will go out on these dates with the same data from its previous batch run.

Also of note, if the holiday falls on a Friday, any files scheduled to run or refresh weekly on Fridays will instead be sent with the batch cycle that is run on the preceding Thursday. Trades do not settle on bank holidays, which can affect the size or content of many files, such as the CAPS and CAPT files, the TRDS file and other files that include settlement-date trade information.

* The New York Stock Exchange will be closed on these days. Any bank activity occurring on those days will appear in the files sent with the batch run of the following Monday. This affects the banking-related standard files, ACTV, FUND and PSWF.

For Additional Information

If you have questions regarding Pershing standard files, please contact Pershing's Technology Help Desk at (800) 876-2001, option 1, or (201) 413-2001.