

OPERATIONS Update

March 30, 2012

First Quarter 2012 Standard File Update

This quarterly update contains information on new standard files, revisions to existing files and other related information. The links below enable you to go directly to specific sections of this update.

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Standard file layouts can be downloaded at pershing.com/standard_files/layouts.html, a secured area of Pershing's website. Visitors to the Pershing.com home page and other areas of the site will not be able to reach this page.

NOTE: In the layouts, fields marked "Not Used" are not necessarily empty fields. **Pershing reserves the right to use these fields at any time.** There will not always be an opportunity to provide information on these changes to our files in advance, but we will announce them as soon as possible.

In this issue:

Ratings information has been masked in all Security Description (ISCA) files received by third-party vendors. [Page 2](#)

Two new mandatory record types will be transmitted in your Customer Account Information (ACCF/ACCT) file as of April 23, 2012. [Page 2](#)

Please review the policy concerning retired standard files. [Page 4](#)

New Files and Recent Standard File Updates

You can review changes to our standard files before they are put into production by performing transactions and receiving files from our customer testing region. Contact your Pershing Account Manager for more information.

FORM NAME(S)	FILE NAME(S)	DESCRIPTION
Appendix B	Multiple (see Description)	<p>The value 167, Business Development Companies, will be received when appropriate in the Minor Product Code field of all batch and intraday files that contain this field. Batch files include:</p> <ul style="list-style-type: none"> ▪ Global Bookkeeping Activity (GACT) ▪ Global Customer Position (GCUS) ▪ Global Open Order and Trade Execution Log (GOTX) ▪ Global Trade (GTDE) ▪ Security Description – Foreign and Domestic (ISCA) ▪ Legacy domestic Settlement Date Trade (TRDS) <p>Intraday files include the GACT, GCUS and GTDE files.</p>

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New Files and Recent Standard File Updates (continued)

FORM NAME(S)	FILE NAME(S)	DESCRIPTION
ASPF	Subscription Products Financial Activity	A new field to identify the participating insurance company has been added to this Subscription Product Activity file in position 401. Please refer to the layout for details.
EZBR	Easy to Borrow	<p>On December 22, 2011, we announced that the size of the EZBR standard file would be augmented in January 2012 to accommodate greater share limits per security for the trade date in which the file is created.</p> <p>We recently began to retrieve data directly from institutional lenders. Due to processing delays at our service provider, we encountered fluctuations in the amount of data transmitted each morning.</p> <p>For the short term, the EZBR file will be reduced to its original size, as we continue to refine the process. We apologize for any inconvenience.</p>
ISCA	Security Description – Foreign and Domestic	<p>As previously announced, Standard & Poor's® rating information currently included in Record B, position 112-115, will be limited to destinations of customers who have attained special agreements with S&P. If Pershing is advised by the rating agency that no agreement exists, the S&P Rating field will be masked with asterisks (*). This field is now masked for all third-party vendor destinations.</p> <p>All ratings fields previously found in the retired Security Description – Domestic (DESC) file, in Record B, positions 102-105 and 106-110, have been removed and replaced with spaces. These fields are now available ONLY in the ISCA file.</p>
		<p>A Payment Day Delays field has been added to optional Record G, position 125-127. If you do not currently receive this record, you may add it to your ISCA file feed via a Service Center request.</p>
OELG	Order Execution Log for Books and Records	A new field, Limit Price, was added for fixed income products in Record C, position 274-292. Please refer to the layout for details.

Upcoming Standard File Enhancements

FORM NAME(S)	FILE NAME(S)	DESCRIPTION
ACCF/T	Customer Account Information	<p>New, mandatory record types will accommodate client information required by Financial Industry Regulatory Authority® (FINRA®) Rule 2111 (Suitability).</p> <p>Record 4 will contain fields for account-level investment knowledge, such as institutional account suitability, investment time horizon, liquidity needs and investments held outside the account. It will follow Record W starting April 23, 2012.</p> <p>Record M will contain account holder/participant-level investment knowledge and will be part of the optional Account Holder/Participant group that contains Records G, H and X. As of April 23, firms that have opted to receive this group will automatically receive Record M after Record X in their file transmission(s).</p>

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Upcoming Standard File Enhancements (continued)

FORM NAME(S)	FILE NAME(S)	DESCRIPTION
ACCF/T	Customer Account Information	The following fields will be added to filler (anticipated April 23, 2012): <ul style="list-style-type: none"> ▪ Tax Residency and Citizenship, Record W, position 746-749 ▪ Large Trader Identification (LTID), Record X, positions 693-700 and 703-706
GACT/GACT Intraday	Global Bookkeeping Activity	Non-U.S. dollar (USD) corporate action transactions will be reflected as a single bookkeeping entry in the GACT standard file and GACT Intraday Messages. The change is anticipated April 5, 2012. Once implemented, both the security movement and the associated cash movement will be maintained under the security identifier, just as USD corporate actions are currently displayed.
MTEN	NetExchange Client [®] User Report	NEW FILE This new file details subscriber enrollment information concerning your firm's NetExchange Client users. Please refer to the layout for details. Anticipated April 20, 2012
SBAC	Subscriber Cross Reference	NEW FILE This new file will enable you to see the association between Subscriber/User ID and Account Number. A full file is created daily. Please refer to the layout for details. Anticipated April 20, 2012

InfoDirect FTP and FTP Password Options

To ensure the security of your data, you may request changes to your assigned InfoDirect FTP Destination password(s) or chosen FTP Destination password(s) at any time. Please contact your Pershing Account Manager to initiate the process. We require one day for InfoDirect FTP Destinations and five days for FTP Destinations. Destination passwords are case sensitive, may contain any national characters and may be up to eight characters in length.

Data Integrity via Standard File Delivery Infrastructure (SFDI) System

Pershing's Standard File Delivery Infrastructure (SFDI) system enables you to directly manage the data in your standard files and effectively own your standard file configurations, including data that we send to any third party (such as Advent) at your request. SFDI enables you to choose the account data that you want transmitted to all the destinations designated to receive your firm's data. It is accessible via Destination Extract Criteria under the Admin tab in NetX360[®].

We encourage you to regularly perform validation checks on all your standard file configurations in SFDI to ensure that they remain clean and accurate. We recommend that you also verify the accuracy of the data that Advent sends on your behalf to destinations that represent Advent copy (client account) numbers. If you need to edit the extract criteria in SFDI that you send to Advent, you must notify Advent of your data change and include the Advent copy number that refers to it. If you have questions regarding SFDI, please contact Pershing's Data Delivery Group at datadelivery@pershing.com.

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Domain Name System/Host Names For Data Retrieval

When pulling Pershing-generated standard files, or in scripts that allow transmission from Pershing's servers to your destination, please use Pershing's Domain Name System (DNS) or host names, rather than a direct Pershing Internet Protocol (IP) address. Using the DNS/host name will avoid delivery failures and delays that could occur if Pershing must re-route its file delivery. Contact Pershing Customer Systems Integration at CSIGroup@pershing.com for more information.

CURRENT IP ADDRESS	REPLACEMENT DNS/HOST NAME
170.61.20.129	ftp5.pershing.com
170.61.13.129	devftp5.pershing.com
170.61.20.134	ftp1.pershing.com
170.61.13.134	devftp1.pershing.com
170.61.20.131	ftps5.pershing.com USE IF SSL INITIATED TO PERSHING
170.61.51.131	Devftps5.pershing.com USE IF SSL INITIATED TO PERSHING

Retiring Standard Files

To comply with stricter regulations surrounding data privacy, we are aggressively terminating retired files that contain personal data. Retiring files will not be subject to remediation or updates and will not be added to any new destinations.

We recommend that you migrate to the replacement file within one year of a retired file's announced retirement date. **Retired files can STOP transmitting ANY time after the termination date.**

RETIRING FORM NAME	RETIRING FILE NAME	RETIREMENT ANNOUNCED	TERMINATION DATE (anytime after)	REPLACEMENT FORM NAME	REPLACEMENT FILE NAME
DESC	Security Description – Domestic	December 2008	January 31, 2012	ISCA	Security Description – International and Domestic
IADF	IBD Available Download	October 6, 2011	To be determined	MASF	Account Billing
MAFB	Managed Account Fee Billing	October 6, 2011	To be determined	MASF	Account Billing
PPES	Portfolio Activity	June 24, 2011	To be determined	POTL	Portfolio Open Tax Lots
PACT	Portfolio Holdings	June 24, 2011	To be determined	PTLD	Portfolio Tax Lots Disposition
TRDE	Trade File	2007	To be determined	GTDE	Global Trade

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New FTP File Naming Option

You may choose an alternate naming convention for your standard files delivered via file transfer protocol (FTP). You may continue to receive them in the form name format (e.g., GACT.GACT) or add the date as part of the name (MMDDYY.XXXX, e.g., 123012.GACT). If you would like to change the existing file naming convention, please send an e-mail request to datadelivery@pershing.com. Feel free to share this information with your service providers.

Standard File Holiday Processing

Pershing follows the New York Stock Exchange[®] (NYSE[®]) holiday schedule and will not run batch processing on these 2012 dates:

April 6	Friday	Good Friday (see <i>Exchange Holiday</i>)
May 28	Monday	Memorial Day
July 4	Wednesday	Independence Day
September 3	Monday	Labor Day
November 22	Thursday	Thanksgiving Day
December 25	Monday	Christmas

With some exceptions (see *Exception Notes*) standard files will not be processed on any of these evenings or the following mornings.

Monday Holiday

For a Monday holiday, any weekly files scheduled to run on a Monday will be sent instead with the batch cycle that will be run on Tuesday morning. This includes the Identification Management (IMSF) file.

Files that run Friday data on Monday mornings will not be sent until Tuesday morning. This includes the Transfers (ACA2), Annuity and Insurance Commission Data (ASPC), Subscription Products Financial Activity (ASPF), Cost Basis Reporting Service (CBRO), EZBR and Mutual Fund Dealer Agreements (MFDA) standard files.

Friday Holiday

For a Friday holiday, any files scheduled to run or refresh on Fridays will be sent instead with the batch cycle that is run on the preceding Thursday.

Due to external job dependencies, the receipt of some standard files is delayed on Friday holidays. Therefore, the following will not be delivered until Saturday morning: Equity Dividend Reinvestment Election (DVRE), the Pershing Custody Administrative System (PCAS) files (PTD1, PTD2, PTD3 and PTD6) and Receive and Deliver Master (RADM).

Exchange Holiday

Although the NYSE will be closed on Friday, April 6, banks will be open. Any bank activity that occurs on April 6 will appear in the files sent out with the batch run on the following business day, April 9, 2012. This affects the ACAM Fund Activity (ACTV), ACAM Fund Balances (FUND) and Projection of Systematic Withdrawal (PSWF) standard files.

Bank Holidays

While the NYSE will be open on the following days, banks will be closed:

October 8, 2012	Monday	Columbus Day
November 12, 2012	Monday	Veterans Day Observed

ACAM Fund Activity (ACTV) and Projection of Systematic Withdrawal (PSWF), two of our banking-related files, will contain only headers and trailers on those nights. Please expect these file(s) to be empty and process them accordingly. In addition, the ACAM Fund Balances (FUND) file will be sent on these dates with the same data from its previous batch run.

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Standard File Holiday Processing (continued)

Trades do not settle on bank holidays, which can affect the size or content of the daily Commission and Payout System (CAPS) file, the Trades (TRDS) file and other files that include settlement date trade information.

Because there is no sweep, check deposit or disbursement or federal fund wire processing on bank holidays, the Check and Federal Fund Detail (CKFF) file and other standard files that detail such activity will be smaller.

Exception Notes

It is especially important to note the run date in file headers, as the date of the data does not change on holidays.

- The Audit Trail Report (NSAT) runs 365 days per year, regardless of holidays.
- The Household Group (HHLG) runs Monday-Friday, regardless of holidays.
- The Mutual Fund Prospectus (MFPF) and the NetExchange User Report (MTEN) files will run on NYSE holidays.

Additional Information

Contact your home office or Pershing Account Manager to add or remove any individual from the distribution of future standard file updates. Please consider replacing your individual e-mail address with a group e-mail address in your firm's distribution list at Pershing, to ensure that these updates will not be missed by key members of your department.

Please share the above information with the service providers that process standard files on your behalf. Service providers should contact Pershing's Data Delivery Group at datadelivery@pershing.com to request changes to their distribution lists.

If you have questions, please contact Pershing's Technology Help Desk at (888) 878-3142, option 4, or (732) 622-2150 from outside the United States.

Copies of this and previous quarterly updates are posted on the [standard file layouts website](#) and can be accessed via the links below.

- [Fourth Quarter 2011 Update](#)
- [Third Quarter 2011 Update](#)
- [Second Quarter 2011 Update](#)