

PERSHING STANDARD FILE LAYOUTS

FILE LAYOUT FOR: GLOBAL MONEYLINE

GENERAL INFORMATION

File Frequency: Daily
Record Size: 250 characters
Form Name: GMON (Brokerage) and GMN1 (Bank Custody)

DESCRIPTION

The Global Moneyline files (GMON and GMN1) are created after the close of business each day. The file reflects all account balances within your requested range. All open accounts with balances will be populated with records A, B (and new Optional Record C, if selected). Records 0, 1, 2 (and 4), 3 (and 5), 8, and 9 will be populated if data for those account types exist on Pershing's database. An exception to this is if an account contains only Money Market Funds. In this case, only Record A will be sent.

Key features of this file include:

- Foreign currency balances are displayed on the aggregate level (sum of all foreign currencies within an account) in U.S. dollar equivalent (USDE), with individual currency position details available on the Global Customer Position file (GCUS).
- Detail records are denoted by account type.
- The ability to trade foreign currencies is now indicated for each account.
- Settlement data values are now denoted on the cumulative level, as well as by account type.
- All values are in USD (U.S. dollars) or USDE (U.S. dollar equivalent).

GMN1 is based on Bank Custody data attributed to accounts held on the Global Data Repository (GDR) as delivered to Pershing by our service provider(s). GMN1 will run on a different schedule than GMON, and the data from these two files will not be commingled.

The symbol “**B**” is used on our standard files to represent spaces.

PERSHING STANDARD FILE LAYOUTS

FILE LAYOUT SPECIFICATIONS

HEADER RECORD

POSITION	PICTURE	TYPE	DESCRIPTION
001-018	X(18)	AN	Literally "BOF B B B B B B PERSHING B " (beginning of Pershing file)
019-037	X(19)	AN	Literally "GLOBAL B MONEYLINE B B B "
038-046	X(09)	AN	Literally "DATA B OF B B "
047-056	X(10)	AN	DATE OF DATA = "MM/DD/CCYY"
057-067	X(11)	AN	Literally " B TO B REMOTE B "
068-071	X(04)	AN	REMOTE ID = "XXXX"
072-085	X(14)	AN	Literally " B BEGINS B HERE B B "
086-095	X(10)	AN	RUN DATE = "MM/DD/CCYY"
096-096	X(01)	AN	Not Used
097-104	X(08)	AN	RUN TIME = "HH:MM:SS"
105-249	X(145)	AN	Not Used
250-250	X(01)	AN	Literally "A"; indicates the end of the header record

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD A: SUMMARY OF ALL ACCOUNT TYPES

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “A”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	Not Used
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-046	9(16)v9(02)	N	USDE T/D BALANCE FOR ALL ACCOUNT TYPES; equivalent to Net Balance on NetX360®. Total netted balances of all A/C types combined, as of the last T/D, in USDE.
047-047	X(01)	AN	USDE T/D BALANCE FOR ALL ACCOUNT TYPES SIGN; values include: “-” = Credit Amount “+” = Debit Amount
048-065	9(16)v9(02)	N	USD T/D BALANCE FOR ALL ACCOUNT TYPES; does not include foreign currency
066-066	X(01)	AN	USD T/D BALANCE FOR ALL ACCOUNT TYPES SIGN; values include: “-” = Credit Amount “+” = Debit Amount
067-084	9(16)v9(02)	N	LONG T/D MARKET VALUE FOR ALL ACCOUNT TYPES in USDE; Long T/D Market Value for all positions (domestic and international). This value excludes currency positions.
085-085	X(01)	AN	LONG T/D MARKET VALUE FOR ALL ACCOUNT TYPES SIGN; values include: “-” = Credit Amount “+” = Debit Amount
086-103	9(16)v9(02)	N	SHORT T/D MARKET VALUE FOR ALL ACCOUNT TYPES in USDE; Short Trade Market Value for all positions (domestic and international). This value excludes currency positions.
104-104	X(01)	AN	SHORT T/D MARKET VALUE FOR ALL ACCOUNT TYPES SIGN; values include: “-” = Credit Amount “+” = Debit Amount
105-122	9(16)v9(02)	N	T/D LIQUIDATING EQUITY FOR ALL ACCOUNT TYPES; the Total Equity of the A/C plus (or minus) the MV of precious metals, commercial paper and options for all A/C types.

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
123-123	X(01)	AN	T/D LIQUIDATING EQUITY FOR ALL ACCOUNT TYPES SIGN; values include: “+” = Credit Amount “-” = Debit Amount
124-141	9(16)v9(02)	N	TOTAL USDE T/D BALANCE FOR ALL ACCOUNT TYPES; Equivalent to Total Balance on NetX360; sum of the Net Balances in all A/C types, all currency (domestic and foreign) in A/C and Money Market Fund Opening Balances (Principal and Dividend) in USDE.
142-142	X(01)	AN	TOTAL USDE T/D BALANCE FOR ALL ACCOUNT TYPES SIGN; values include: “-” = Credit Amount “+” = Debit Amount
143-160	9(16)v9(02)	N	TOTAL EQUITY FOR ALL ACCOUNT TYPES; equal to the Long MV minus the Short MV, plus the Total Credit Balances minus the Total Debit Balances for all A/C types.
161-161	X(01)	AN	TOTAL EQUITY FOR ALL ACCOUNT TYPES SIGN; values include: “+” = Credit Amount “-” = Debit Amount
162-179	9(16)v9(02)	N	TRADE DATE NET WORTH OF ACCOUNT FOR ALL ACCOUNT TYPES; Liquidating Equity plus Money Market Fund Balances.
180-180	X(01)	AN	TRADE DATE NET WORTH FOR ALL ACCOUNT TYPES SIGN; values include: “+” = Credit Amount “-” = Debit Amount
181-198	9(16)v9(02)	N	MONEY MARKET FUND PRINCIPAL BALANCE; Equivalent to MMF Open Balance on NetX360
199-199	X(01)	AN	MM FUND PRINCIPAL BALANCE SIGN; value includes: “+” = Credit Amount
200-217	9(16)v9(02)	N	MONEY MARKET FUND DIVIDEND; equivalent to MMF Dividend on NetX360
218-218	X(01)	AN	MM FUND DIVIDEND SIGN; value includes: “+” = Credit Amount
219-236	9(16)v9(02)	N	CASH AVAILABLE FOR ALL ACCOUNT TYPES
237-237	X(01)	AN	CASH AVAILABLE FOR ALL ACCOUNT TYPES SIGN; values include: “+” = Debit Amount “-” = Credit Amount
238-238	X(01)	AN	For Pershing Internal Use Only
239-241	X(03)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record A

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD B: SUMMARY OF ALL ACCOUNT TYPES

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “B”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	Not Used
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-046	9(16)v9(02)	N	USDE S/D BALANCE FOR ALL ACCOUNT TYPES; Total netted balances of all A/C types combined, as of the last S/D, in USDE.
047-047	X(01)	AN	USDE S/D BALANCE FOR ALL ACCOUNT TYPES SIGN; values include: “-” = Credit Amount “+” = Debit Amount
048-065	9(16)v9(02)	N	USD S/D BALANCE FOR ALL ACCOUNT TYPES
066-066	X(01)	AN	USD S/D BALANCE FOR ALL ACCOUNT TYPES SIGN; values include: “-” = Credit Amount “+” = Debit Amount
067-084	9(16)v9(02)	N	LONG S/D MARKET VALUE FOR ALL ACCOUNT TYPES in USDE; Long S/D Market Value for all positions (domestic and international). Excludes currency positions.
085-085	X(01)	AN	LONG S/D MV FOR ALL ACCOUNT TYPES SIGN; values include: “+” = Credit Amount “-” = Debit Amount
086-103	9(16)v9(02)	N	SHORT S/D MARKET VALUE FOR ALL ACCOUNT TYPES in USDE; Short S/D Market Value for all positions (domestic and international). Excludes currency positions.
104-104	X(01)	AN	SHORT S/D MV FOR ALL ACCOUNT TYPES SIGN; values include: “+” = Credit Amount “-” = Debit Amount
105-112	9(08)	N	SMA DATESTAMP, in CCYYMMDD format
113-130	9(16)v9(02)	N	SMA BALANCE/FED CALL FOR ALL ACCOUNT TYPES
131-131	X(01)	AN	SMA BALANCE SIGN; values include: “+” = Debit Amount (Fed Call) “-” = Credit Amount (Current SMA)

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
132-149	9(16)v9(02)	N	MARGIN BUYING POWER, does not include Type 1 Cash and money market fund balances
150-150	X(01)	AN	MARGIN BUYING POWER SIGN; values include: “+” = Available Margin Buying Power amount “ B ” = Not Applicable
151-168	9(16)v9(02)	N	TECHNICAL SHORT VALUE; valid in ACCOUNT Types “0” & “1”
169-169	X(01)	AN	TECHNICAL SHORT VALUE SIGN; values include: “+” = Debit Amount “-” = Credit Amount
170-187	9(16)v9(02)	N	TOTAL FED REQUIREMENT
188-188	X(01)	AN	TOTAL FED REQUIREMENT SIGN; values include: “+” = Requirement Amount “ B ” = Not Applicable
189-206	9(16)v9(02)	N	TOTAL OPTIONS REQUIREMENT
207-207	X(01)	AN	TOTAL OPTIONS REQUIREMENT SIGN; values include: “+” = Requirement Amount “ B ” = Not Applicable
208-210	X(03)	AN	BASE CURRENCY
211-211	X(01)	AN	NON-USD CURRENCY TRADING ELIGIBLE; values include: “A” = Account is Eligible “ B ” = Account is not Eligible
212-229	9(16)v9(02)	N	MASKED HOUSE CALL
230-230	X(01)	AN	MASKED HOUSE CALL SIGN; values include: “+” = Debit Amount “-” = Credit Amount
231-241	X(11)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record B

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD C: SUMMARY OF ALL ACCOUNT TYPES (OPTIONAL)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “C”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	Not Used
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-046	9(16)v9(02)	N	SETTLEMENT DATE NET WORTH OF ACCOUNT FOR ALL ACCOUNT TYPES; Liquidating Equity plus Money Market Fund Balances.
047-047	X(01)	AN	SETTLEMENT DATE NET WORTH FOR ALL ACCOUNT TYPES SIGN; values include: “+” = Credit Amount “-” = Debit Amount
048-065	9(09)v9(09)	N	EQUITY PERCENT FOR ALL ACCOUNT TYPES
066-083	9(16)v9(02)	N	FUNDS TO TRADE; based on margin excess, includes type 1 Cash and money market fund balances (effective 05/04/2012)
084-084	X(01)	AN	FUNDS TO TRADE SIGN; values include: “+” = Available Funds to Trade amount “ B ” = Not Applicable
085-222	X(138)	AN	Not Used
223-240	9(18)	N	For Pershing Internal Use (<i>Reserved-Pending MF P/R</i>)
241-241	X(01)	AN	For Pershing Internal Use (<i>Reserved-Pending MF P/R Sign</i>)
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record C

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD 1: CASH/PRINCIPAL AND 9/INCOME ACCOUNT IN USD (IF APPLICABLE)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR; values include: “1” = Cash/Principal accounting for Bank Custody “9” = Income/Income accounting for Bank Custody
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	ACCOUNT TYPE; value includes: “1” = Cash/Principal accounting for Bank Custody “9” = Income/Income accounting for Bank Custody
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-036	9(08)	N	TYPE 1/9 ACCOUNT USD T/D DATESTAMP, in CCYYMMDD format
037-054	9(16)v9(02)	N	TYPE 1/9 ACCOUNT USD T/D BALANCE
055-055	X(01)	AN	TYPE 1/9 ACCOUNT USD T/D BAL. SIGN; values include: “-” = Credit Amount “+” = Debit Amount
056-063	9(08)	N	TYPE 1/9 ACCOUNT USD S/D DATESTAMP, in CCYYMMDD format
064-081	9(16)v9(02)	N	TYPE 1/9 ACCOUNT USD S/D BALANCE
082-082	X(01)	AN	TYPE 1/9 ACCOUNT USD S/D BAL. SIGN; values include: “-” = Credit Amount “+” = Debit Amount
083-100	9(16)v9(02)	N	TYPE 1/9 ACCOUNT T/D MARKET VALUE; Long Market Value in Type 1/9 A/C for all positions (domestic and international). This USDE value excludes currency positions.
101-101	X(01)	AN	TYPE 1/9 ACCOUNT T/D MKT. VLU. SIGN; values include: “+” = Credit Amount “-” = Debit Amount
102-119	9(16)v9(02)	N	TYPE 1/9 ACCOUNT EQUITY
120-120	X(01)	AN	TYPE 1/9 ACCOUNT EQUITY SIGN; values include: “+” = Credit Amount “-” = Debit Amount
121-138	9(16)v9(02)	N	TYPE 1/9 ACCOUNT UNAVAILABLE FUNDS; Uncollected Funds

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
139-139	X(01)	AN	TYPE 1/9 A/C UNAVAIL. FUNDS SIGN; values include: “-” = Credit Amount; displayed on NetX360 as a positive number “ B ” or “+” = Not Applicable/Debit Amount
140-157	9(16)v9(02)	N	TYPE 1/9 ACCOUNT CASH AVAILABLE
158-158	X(01)	AN	TYPE 1/9 ACCOUNT CASH AVAILABLE SIGN; values include: “+” = Debit Amount “-” = Credit Amount
159-176	9(16)v9(02)	N	TYPE 1/9 ACCOUNT T/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
177-177	X(01)	AN	TYPE 1/9 ACCOUNT T/D FOREIGN CURRENCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
178-195	9(16)v9(02)	N	TYPE 1/9 ACCOUNT T/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
196-196	X(01)	AN	TYPE 1/9 ACCOUNT T/D FOREIGN CURRENCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
197-214	9(16)v9(02)	N	TYPE 1/9 ACCOUNT S/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
215-215	X(01)	AN	TYPE 1/9 ACCOUNT S/D FOREIGN CURRENCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
216-233	9(16)v9(02)	N	TYPE 1/9 ACCOUNT S/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
234-234	X(01)	AN	TYPE 1/9 ACCOUNT S/D FOREIGN CURRENCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
235-241	X(07)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record 1/9

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD 2: MARGIN ACCOUNT IN USD (IF APPLICABLE)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “2”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	ACCOUNT TYPE = “2” (margin)
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-036	9(08)	N	TYPE 2 ACCOUNT USD T/D DATESTAMP, in CCYYMMDD format
037-054	9(16)v9(02)	N	TYPE 2 ACCOUNT USD T/D BALANCE
055-055	X(01)	AN	TYPE 2 ACCOUNT USD T/D BALANCE SIGN; values include: “-” = Credit Amount “+” = Debit Amount
056-063	9(08)	N	TYPE 2 ACCOUNT USD S/D DATESTAMP, in CCYYMMDD format
064-081	9(16)v9(02)	N	TYPE 2 ACCOUNT USD S/D BALANCE
082-082	X(01)	AN	TYPE 2 ACCOUNT USD S/D BALANCE SIGN; values include: “-” = Credit Amount “+” = Debit Amount
083-100	9(16)v9(02)	N	TYPE 2 ACCOUNT T/D MARKET VALUE; Long Market Value in Type 2 A/C for all positions (domestic and international). This USDE value excludes currency positions.
101-101	X(01)	AN	TYPE 2 ACCOUNT T/D MKT VALUE SIGN; values include: “+” = Credit Amount “-” = Debit Amount
102-119	9(16)v9(02)	N	TYPE 2 ACCOUNT EQUITY
120-120	X(01)	AN	TYPE 2 ACCOUNT EQUITY SIGN; values include: “+” = Credit Amount “-” = Debit Amount
121-138	9(16)v9(02)	N	TYPE 2 ACCOUNT UNAVAILABLE FUNDS
139-139	X(01)	AN	TYPE 2 ACCOUNT UNAVAIL. FUNDS SIGN; values include: “-” = Credit Amount “+” = Debit Amount /Not Applicable
140-157	9(16)v9(02)	N	TYPE 2 ACCOUNT CASH AVAILABLE

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
158-158	X(01)	AN	TYPE 2 ACCOUNT CASH AVAILABLE SIGN; values include: “-” = Credit Amount “+” = Debit Amount/Not Applicable
159-176	9(16)v9(02)	N	TYPE 2 ACCOUNT HOUSE CALL/SURPLUS
177-177	X(01)	AN	TYPE 2 ACCOUNT HOUSE CALL/SURPLUS SIGN; values include: “+” = Call; (displayed on NetX360 as a negative number) “-” = Surplus; (displayed on NetX360 as a positive number)
178-195	9(16)v9(02)	N	TYPE 2 ACCOUNT NYSE CALL/SURPLUS
196-196	X(01)	AN	TYPE 2 ACCOUNT NYSE CALL/SURPLUS SIGN; values include: “+” = Call; (displayed on NetX360 as a negative number) “-” = Surplus; (displayed on NetX360 as a positive number)
197-215	X(19)	AN	Reserved
216-241	X(26)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record 2

DETAIL RECORD 4: PORTFOLIO MARGIN AND MARGIN ACCOUNT FOREIGN CURRENCY (IF APPLICABLE)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “4”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	ACCOUNT TYPE = “2” (margin account currency)
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-046	9(16)v9(02)	N	PORTFOLIO MARGIN HOUSE REQUIREMENT; the portfolio margin house requirement for eligible securities
047-047	X(01)	AN	PORTFOLIO MARGIN HOUSE REQUIREMENT SIGN; value includes: “+” = Requirement
048-065	9(16)v9(02)	N	TOTAL HOUSE REQUIREMENT FOR THE A/C; includes both portfolio and normal requirements for both eligible and ineligible positions
066-066	X(01)	AN	TOTAL HOUSE REQUIREMENT FOR THE A/C SIGN; value includes: “+” = Requirement

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
067-084	9(09)v9(09)	N	T/D LIQUIDATING EQUITY PERCENT; the percentage of equity in the A/C, calculated as follows: Total Net Worth / Total Market Value x 100.
085-158	X(74)	AN	Not Used
159-176	9(16)v9(02)	N	TYPE 2 A/C T/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
177-177	X(01)	AN	TYPE 2 ACCOUNT T/D FOREIGN CCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
178-195	9(16)v9(02)	N	TYPE 2 ACCOUNT T/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
196-196	X(01)	AN	TYPE 2 ACCOUNT T/D FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
197-214	9(16)v9(02)	N	TYPE 2 ACCOUNT S/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
215-215	X(01)	AN	TYPE 2 ACCOUNT S/D FOREIGN CCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
216-233	9(16)v9(02)	N	TYPE 2 ACCOUNT S/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
234-234	X(01)	AN	TYPE 2 ACCOUNT S/D FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
235-241	X(07)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record 4

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD 3: SHORT ACCOUNT IN USD (IF APPLICABLE)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “3”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	ACCOUNT TYPE = “3” (short)
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-036	9(08)	N	TYPE 3 ACCOUNT USD T/D DATESTAMP , in CCYYMMDD format
037-054	9(16)v9(02)	N	TYPE 3 ACCOUNT USD T/D BALANCE
055-055	X(01)	AN	TYPE 3 ACCOUNT USD T/D BALANCE SIGN; values include: “-” = Credit Amount “+” = Debit Amount
056-063	9(08)	N	TYPE 3 ACCOUNT USD S/D DATESTAMP, in CCYYMMDD format
064-081	9(16)v9(02)	N	TYPE 3 ACCOUNT USD S/D BALANCE
082-082	X(01)	AN	TYPE 3 ACCOUNT USD S/D BAL. SIGN; values include: “-” = Credit Amount “+” = Debit Amount
083-100	9(16)v9(02)	N	TYPE 3 ACCOUNT T/D MARKET VALUE IN USDE; Long MV for all positions (domestic and international) in type 3 A/C. Excludes currency positions.
101-101	X(01)	AN	TYPE 3 ACCOUNT T/D MKT VALUE SIGN; values include: “+” = Credit Amount “-” = Debit Amount
102-119	9(16)v9(02)	N	TYPE 3 ACCOUNT EQUITY
120-120	X(01)	AN	TYPE 3 ACCOUNT EQUITY SIGN; values include: “+” = Credit Amount “-” = Debit Amount
121-138	9(16)v9(02)	N	TYPE 3 ACCOUNT UNAVAILABLE FUNDS; Uncollected Funds
139-139	X(01)	AN	TYPE 3 ACCOUNT UNAVAIL. FUNDS SIGN; values include: “-” = Credit Amount “+” = Debit Amount /Not Applicable
140-157	9(16)v9(02)	N	TYPE 3 ACCOUNT CASH AVAILABLE

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
158-158	X(01)	AN	TYPE 3 ACCOUNT CASH AVAIL. SIGN; values include: “+” = Debit Amount “-” = Credit Amount
159-241	X(83)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record 3

DETAIL RECORD 5: SHORT ACCOUNT FOREIGN CURRENCY (IF APPLICABLE)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “5”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	ACCOUNT TYPE = “3” (short account currency)
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-158	X(130)	AN	Not Used
159-176	9(16)v9(02)	N	TYPE 3 ACCOUNT T/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
177-177	X(01)	AN	TYPE 3 ACCOUNT T/D FOREIGN CCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
178-195	9(16)v9(02)	N	TYPE 3 ACCOUNT T/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
196-196	X(01)	AN	TYPE 3 ACCOUNT T/D FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
197-214	9(16)v9(02)	N	TYPE 3 ACCOUNT S/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
215-215	X(01)	AN	TYPE 3 ACCOUNT S/D FOREIGN CCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
216-233	9(16)v9(02)	N	TYPE 3 ACCOUNT S/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
234-234	X(01)	AN	TYPE 3 ACCOUNT S/D FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
235-241	X(07)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record 5

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD 8: PRECIOUS METALS ACCOUNT IN USD (IF APPLICABLE)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “8”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	ACCOUNT TYPE = “8” (precious metals)
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-036	9(08)	N	TYPE 8 ACCOUNT USD T/D DATESTAMP, in CCYYMMDD format
037-054	9(16)v9(02)	N	TYPE 8 ACCOUNT USD T/D BALANCE
055-055	X(01)	AN	TYPE 8 ACCOUNT USD T/D BALANCE SIGN; values include: “-” = Credit Amount “+” = Debit Amount
056-063	9(08)	N	TYPE 8 ACCOUNT USD S/D DATESTAMP, in CCYYMMDD format
064-081	9(16)v9(02)	N	TYPE 8 ACCOUNT USD S/D BALANCE
082-082	X(01)	AN	TYPE 8 ACCOUNT USD S/D BALANCE SIGN; values include: “-” = Credit Amount “+” = Debit Amount
083-100	9(16)v9(02)	N	TYPE 8 ACCOUNT T/D MARKET VALUE in USDE; Long MV for all positions (domestic and international) in type 8 A/C. Excludes currency positions.
101-101	X(01)	AN	TYPE 8 ACCOUNT T/D MARKET VALUE SIGN; values include: “+” = Credit Amount “-” = Debit Amount
102-119	9(16)v9(02)	N	TYPE 8 ACCOUNT EQUITY
120-120	X(01)	AN	TYPE 8 ACCOUNT EQUITY SIGN; values include: “+” = Credit Amount “-” = Debit Amount
121-138	9(16)v9(02)	N	TYPE 8 ACCOUNT UNAVAILABLE FUNDS (uncollected funds)
139-139	X(01)	AN	TYPE 8 ACCOUNT UNAVAILABLE FUNDS SIGN; values include: “-” = Credit Amount “+” = Debit Amount /Not Applicable
140-157	9(16)v9(02)	N	TYPE 8 ACCOUNT CASH AVAILABLE

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
158-158	X(01)	AN	TYPE 8 ACCOUNT CASH AVAILABLE SIGN; values include: “+” = Debit Amount “-” = Credit Amount
159-176	9(16)v9(02)	N	TYPE 8 ACCOUNT T/D FOREIGN CCY CREDIT BAL. IN USDE
177-177	X(01)	AN	TYPE 8 ACCOUNT TD FOREIGN CCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
178-195	9(16)v9(02)	N	TYPE 8 ACCOUNT T/D FOREIGN CCY DEBIT BALANCE IN USDE
196-196	X(01)	AN	TYPE 8 ACCOUNT TD FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
197-214	9(16)v9(02)	N	TYPE 8 ACCOUNT S/D FOREIGN CCY CREDIT BALANCE IN USDE
215-215	X(01)	AN	TYPE 8 ACCOUNT S/D FOREIGN CCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
216-233	9(16)v9(02)	N	TYPE 8 ACCOUNT S/D FOREIGN CCY DEBIT BALANCE IN USDE
234-234	X(01)	AN	TYPE 8 ACCOUNT S/D FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
235-241	X(07)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record 8

PERSHING STANDARD FILE LAYOUTS

DETAIL RECORD 0: DVP/RVP (COD) IN USD (IF APPLICABLE)

POSITION	PICTURE	TYPE	DESCRIPTION
001-002	X(02)	AN	TRANSACTION CODE; values include: “GM” = GMON (Brokerage) “N1” = GMN1 (Bank Custody)
003-003	X(01)	AN	RECORD INDICATOR VALUE = “0”
004-011	9(08)	N	RECORD ID SEQUENCE NUMBER; begins with “00000001”
012-020	X(09)	AN	ACCOUNT NUMBER, including Office (3), Base (6)
021-021	X(01)	AN	ACCOUNT TYPE = “0” (DVP/RVP [COD])
022-024	X(03)	AN	INVESTMENT PROFESSIONAL (IP) NUMBER
025-025	X(01)	AN	Not Used
026-028	X(03)	AN	INTRODUCING BROKER DEALER (IBD) NUMBER
029-036	9(08)	N	TYPE 0 ACCOUNT USD T/D DATESTAMP, in CCYYMMDD format
037-054	9(16)v9(02)	N	TYPE 0 ACCOUNT USD T/D BALANCE
055-055	X(01)	AN	TYPE 0 ACCOUNT USD T/D BALANCE SIGN; values include: “-” = Credit Amount “+” = Debit Amount
056-063	9(08)	N	TYPE 0 ACCOUNT USD S/D DATESTAMP, in CCYYMMDD format
064-081	9(16)v9(02)	N	TYPE 0 ACCOUNT USD S/D BALANCE
082-082	X(01)	AN	TYPE 0 ACCOUNT USD S/D BALANCE SIGN; values include: “-” = Credit Amount “+” = Debit Amount
083-100	9(16)v9(02)	N	TYPE 0 ACCOUNT T/D MARKET VALUE; Long Market Value for all positions (domestic and international) in type 0 A/C. This USDE value excludes currency positions.
101-101	X(01)	AN	TYPE 0 ACCOUNT T/D MARKET VALUE SIGN; values include: “+” = Credit Amount “-” = Debit Amount
102-119	9(16)v9(02)	N	TYPE 0 ACCOUNT EQUITY
120-120	X(01)	AN	TYPE 0 ACCOUNT EQUITY SIGN; values include: “+” = Credit Amount “-” = Debit Amount
121-138	9(16)v9(02)	N	TYPE 0 ACCOUNT UNAVAILABLE FUNDS; Uncollected Funds
139-139	X(01)	AN	TYPE 0 ACCOUNT UNAVAILABLE FUNDS SIGN; values include: “-” = Credit Amount “+” = Debit Amount /Not Applicable
140-157	9(16)v9(02)	N	TYPE 0 ACCOUNT CASH AVAILABLE

PERSHING STANDARD FILE LAYOUTS

POSITION	PICTURE	TYPE	DESCRIPTION
158-158	X(01)	AN	TYPE 0 ACCOUNT CASH AVAILABLE SIGN; values include: “+” = Debit Amount “-” = Credit Amount
159-176	9(16)v9(02)	N	TYPE 0 ACCOUNT T/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
177-177	X(01)	AN	TYPE 0 ACCOUNT T/D FOREIGN CCY CREDIT BALANCE IN USDE SIGN; value includes: “-” = Credit Amount
178-195	9(16)v9(02)	N	TYPE 0 ACCOUNT T/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
196-196	X(01)	AN	TYPE 0 ACCOUNT T/D FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
197-214	9(16)v9(02)	N	TYPE 0 ACCOUNT S/D FOREIGN CURRENCY CREDIT BALANCE IN USDE
215-215	X(01)	AN	TYPE 0 ACCOUNT S/D FOREIGN CCY CREDIT BALANCE IN SIGN; value includes: “-” = Credit Amount
216-233	9(16)v9(02)	N	TYPE 0 ACCOUNT S/D FOREIGN CURRENCY DEBIT BALANCE IN USDE
234-234	X(01)	AN	TYPE 0 ACCOUNT S/D FOREIGN CCY DEBIT BALANCE IN USDE SIGN; value includes: “+” = Debit Amount
235-241	X(07)	AN	Not Used
242-249	9(08)	N	DATE OF DATA, in CCYYMMDD format
250-250	X(01)	AN	Literally “X”; indicates the end of record 0

TRAILER RECORD

POSITION	PICTURE	TYPE	DESCRIPTION
001-018	X(18)	AN	Literally “EOF B B B B B B PERSHING B ” (end of Pershing file)
019-037	X(19)	AN	Literally “GLOBAL B MONEYLINE B B B ”
038-046	X(09)	AN	Literally “DATA B OF B B ”
047-056	X(10)	AN	DATE OF DATA = “MM/DD/CCYY”
057-067	X(11)	AN	Literally “ B TO B REMOTE B ”
068-071	X(04)	AN	REMOTE ID = “XXXX”
072-083	X(12)	AN	Literally “ B ENDS B HERE B ”
084-105	X(22)	AN	Literally “TOTAL B DETAIL B RECORDS B ”
106-115	9(10)	N	NUMBER OF DETAIL RECORDS
116-249	X(134)	AN	Not Used
250-250	X(01)	AN	Literally “Z”; indicates the end of the trailer record