

# PERSHING STANDARD FILE LAYOUTS

## APPENDIX B: SECURITIES INFORMATION

This appendix contains the following information:

- Security Code Matrix (pages 1-3)
- Minor Product Codes (pages 4-7)
- Asset Type, SubType and Sub-Subtype (pages 8-12)
- Tranche Types (for Mortgage-Backed Securities) (pages 13-14)

### Security Code Matrix

USED IN THE FOLLOWING STANDARD FILES: CAPS/CAPT, GACT, GAC1, GCS1, GCUS, GTDE/GSDE, GTOE, ISCA, POTL, POT1

TYPE	MODIFIER	CALC	PRODUCT DESCRIPTION
0	0	0	Mutual Funds Open-End Nontaxable
0	0	1	Mutual Funds Open-End Taxable
0	1	0	Precious Metals Nontaxable
0	1	1	Precious Metals Taxable
0	1	2	Precious Metals Gold Coins
0	1	3	Precious Metals Gold Bars
0	1	4	Precious Metals Silver Bars
0	2	0	Unit Investment Trust Closed-End Nontaxable
0	2	1	Unit Investment Trust Closed-End Taxable
0	3	0	Mutual Funds No-Load Nontaxable
0	3	1	Mutual Funds No-Load Taxable
0	4	Null	Limited Partnership
0	5	1	Insurance Single Premium Deferred Annuity
0	5	2	Insurance Single Premium Immediate Family
0	5	3	Insurance Single Premium Life
0	5	4	Insurance Variable Annuity
0	5	5	Insurance Variable Life
0	6	Null	Annuity
1	0	Null	Common Stock *
1	0	A	Common Stock American Depository Receipt
2	0	Null	Preferred Stock Convertible
2	0	A	Preferred Stock Convertible American Depository Receipt
2	1	A	Preferred Stock American Depository Receipt
2	1	Null	Preferred Stock
3	0	Null	Rights
3	0	A	Rights American Depository Receipt

# PERSHING STANDARD FILE LAYOUTS

TYPE	MODIFIER	CALC	PRODUCT DESCRIPTION
3	1	Null	Warrants
3	1	A	Warrants American Depository Receipt
4	0	0	When, As, and If Issued Equity
4	0	1	When, As, and If Issued Equity
4	0	Null	When, As, and If Issued Equity
4	1	0	When, As, and If Issued Bond
5	0	0	Certificate of Deposit – Long Term (with minor product code 505)
5	0	0	Certificate of Deposit – Short Term (with minor product code 506)
5	0	0	Certificate of Deposit – Zero Coupon (with minor product code 525)
5	0	0	Corporate Bond Nonconvertible Domestic
5	0	1	Corporate Bond Nonconvertible Foreign
5	1	0	Corporate Note Nonconvertible Domestic
5	1	1	Corporate Note Nonconvertible Foreign
5	2	0	Corporate Bond/Note Convertible Domestic
5	2	1	Corporate Bond/Note Convertible Foreign
6	0	G	Municipal Bond Serial
6	0	D	Municipal Bond Dollar Term
6	0	S	Municipal Bond Short-Term
6	0	R	Municipal Bond
6	1	G	Municipal Note Serial
6	1	D	Municipal Note Dollar Term
6	1	S	Municipal Note Short-Term
7	0	R	US Treasury Regular Bond/Note
7	0	F	US Treasury Future Bond/Note
7	2	P	Mirrors/Supers/UMBS
7	2	R	Federal Agency Regular Bill
7	1	F	US Treasury Future Bill
7	2	D	Federal Agency Discount
7	2	P	Federal Agency Pass-Through
8	C	0	Stock Option Call
8	C	1	Debt Option Call
8	C	2	Currency Option Call
8	C	3	Index Option Call
8	C	4	Binary Option Call
8	C	5	Alpha Option Call
8	C	6	Credit Event Option Call
8	C	8	Knock Out Option Call
8	P	0	Stock Option Put
8	P	1	Debt Option Put
8	P	2	Currency Option Put
8	P	3	Index Option Put
8	P	4	Binary Option Put
8	P	5	Alpha Option Put
8	P	6	Credit Event Option Put
8	P	8	Knock Out Option Put

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TYPE	MODIFIER	CALC	PRODUCT DESCRIPTION
8	E	0	Stock Option Escrow Receipt
8	E	1	Debt Option Escrow Receipt
8	E	2	Currency Option Escrow Receipt
8	E	3	Index Option Escrow Receipt
8	B	0	Stock Option Bank Pledge Call
8	B	1	Debt Option Bank Pledge Call
8	B	2	Currency Option Bank Pledge Call
8	B	3	Index Option Bank Pledge Call
8	C	T	Treasury Option Call
8	D	0	Stock Option Bank Pledge Put
8	D	1	Debt Option Bank Pledge Put
8	D	2	Currency Option Bank Pledge Put
8	D	3	Index Option Bank Pledge Put
8	L	0	Stock Option Letter of Guaranty Call
8	L	1	Debt Option Bank Letter of Guaranty Call
8	L	2	Currency Option Bank Letter of Guaranty Call
8	L	3	Index Option Bank Letter of Guaranty Call
8	M	0	Stock Option Bank Letter of Guaranty Put
8	M	1	Debt Option Bank Letter of Guaranty Put
8	M	2	Currency Option Bank Letter of Guaranty Put
8	M	3	Index Option Bank Letter of Guaranty Put
8	P	T	Treasury Option Put
8	S	0	Stock Option Certificate Call
8	S	1	Debt Option Certificate Call
8	S	2	Currency Option Certificate Call
8	S	3	Index Option Certificate Call
8	T	0	Stock Option Certificate Put
8	T	1	Debt Option Certificate Put
8	T	2	Currency Option Certificate Put
8	T	3	Index Option Certificate Put
8	V	7	VDF Option
8	X	9	FX OTC Options
8	Z	A	Non-Deliverable Forward Options
9	0	0	Corporate Units Equity
9	1	0	Corporate Units Bonds
B	0	0	Banker's Acceptance Note
B	1	0	Banker's Acceptance Bond
P	0	1	Commercial Paper Regular Interest Bearing
P	0	F	Commercial Paper Regular Flat Discount
P	1	1	Commercial Paper Repurchase Agreement Interest Bearing
P	1	F	Commercial Paper Repurchase Agreement Flat Discount
S	0	Null	Sub Product Variable Annuities

\* Currency has also been issued a Security Modifier/Type/Calculation Code of 1/0/null. Further designations for currency can be found in the Asset Type Table.

# PERSHING STANDARD FILE LAYOUTS

## Minor Product Codes

USED IN THE FOLLOWING STANDARD FILES: GACT, GAC1, GCS1, GCUS, GTDE/GSDE, GTOE, ISCA

MPC	PRODUCT CODE NAME
B00	Banker's Acceptance
B01	Banker's Acceptance
P00	Interest-Bearing Commercial Paper
P01	Discounted Commercial Paper
000	Mutual Fund (Open-End)
010	Precious Metals (Gold Bar)
011	Precious Metals (Silver Bar)
012	Precious Metals (Platinum Bar)
013	Precious Metals (Palladium Bar)
014	Precious Metals (Gold Coin)
015	Precious Metals (Silver Coin)
020	Unit Investment Trust (UIT)
030	Mutual Fund (No-Load)
04A	Limited Partnership - Private Debt
04B	Limited Partnership - Managed Debt
040	Limited Partnerships
041	Limited Partnership - Priced
042	Limited Partnership - Hedge Fund
043	Limited Partnership - Exchange Fund
044	Limited Partnership - Private Equity
045	Limited Partnership - Real Estate
046	Limited Partnership - Collateralized Debt Obligations
047	Limited Partnership - Group Annuity Contract
048	Limited Partnership - Fund of Funds
049	Limited Partnership - Managed Futures
050	Annuities
051	UIT (Nontaxable)
052	UIT (Taxable Interest)
053	UIT (Taxable Dividends)
060	Index
071	Mutual Fund (Open-End, Nontaxable)
072	Mutual Fund (Open-End, Taxable)
081	Mutual Fund (No-Load, Nontaxable)
082	Mutual Fund (No-Load, Taxable)
083	Mutual Fund (Money Market, Nontaxable)
084	Mutual Fund (Money Market, Taxable)
100	Equities

MPC	PRODUCT CODE NAME
105	Master Limited Partnership (Common Stock)
106	LTD Liability Company
110	Trust Distribution
151	Mutual Funds (Closed-End, Nontaxable)
152	Mutual Funds (Closed-End, Taxable)
154	Real Estate Investment Trusts (REITs)
155	Puerto Rico Mutual Funds (Taxable)
156	Puerto Rico Mutual Funds (Nontaxable)
157	Global Depository Receipts
16A	ETMF - Non-Taxable Exchange Traded Managed Funds
16B	ETMF - Taxable Exchange Traded Managed Funds
160	Option Indexes
161	ETF Non-Taxable
162	ETF Taxable
163	ETN - Tax Exempt
164	ETN - Taxable
166	Private Book Entry REITS
167	Business Development Company
200	Equity Preferred (Taxable)
201	Preferred Capital Securities
202	Preferred Capital Securities (Interest Bearing)
205	Master Limited Partnership (Pfd)
206	Limited Liability Company (Pfd)
251	Equity Preferred (Nontaxable)
252	Equity Preferred (Taxable)
254	Real Estate Investment Trust (Pfd)
300	Rights and Warrants
305	Master Limited Partnership (Wts/Rights)
400	When Issued - when there is no specific MPC attached to the Security
401	Municipal (When Issued)
402	Government (When Issued)
403	Corporate Bond (When Issued)
500	Debentures
501	Convertible Debentures
502	Corporate Notes
503	Equipment Trust Certificate

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MPC	PRODUCT CODE NAME
504	Collateral Trust Certificate
505	Long-Term S&L CD
506	Short-Term S&L CD
507	Collateral Mortgage Obligation
508	DARTS (Foreign)
509	Foreign Denominated Bonds
511	Private Placements
512	Exchange Items (Users)
513	Asset-Backed Securities
514	Real Estate Mortgage Investment Conduits (REMIC)
515	Sovereign Debt ( <i>value to be retired</i> )
516	Depository Notes
517	Certificates of Indebtedness
518	I.B.R.D.
519	Contingent Convertible (COCO) Bonds
520	Corporate Term Notes
521	Stepped Coupons
522	Long-Term Commercial Bank CDs
523	Short-Term Commercial Bank CDs
524	Quasi-Governmental Agencies
525	Zero Coupon CDs
526	Pay-In-Kind
527	First Mortgage Revenues
528	Certificate of Deposit Account Registry Service (CDARS)
529	Foreign (Eurobond-Eligible)
530	Mexican Bond
531	South African Bonds
532	United Kingdom Bonds
533	Mexican Certificate of Deposit
534	Church Bonds
535	Index Linked CD
537	Collateral Mortgage Obligation – Int. Only
539	Foreign Commercial Papers
540	Customer Structured Product
545	Corporate Trust
550	Debentures
551	Convertible Debentures (30-Day Record)
552	Corporate Notes (30-Day Record)
555	Time Deposits
575	Qualified Retirement Plan Loan
580	Corporate Bond Inflation Indexed Security
581	Corporate Bond Stripped Inflation Index
582	Corporate Stripped Coupon Inflation Index

MPC	PRODUCT CODE NAME
583	Corporate Derivatives
600	General Obligations
601	Revenue Bonds
602	Municipal CMO
603	Double-Barrel General Obligations Revenue
604	Short-Term Municipal
605	Exchange Items
606	Stripped Municipals
607	New Public Housing Bonds
608	OID Zeros
609	Rate C Adjust
610	Stepped Coupon
611	Compound Multiplier
612	Municipal Notes
613	Municipal Warrants
614	Certificates of Participation
615	AMT Bonds
616	Tax and Revenue Anticipation Notes
617	Public Improvement Bonds
618	Current Interest 0%
620	VRDO (Weekly/Daily Floaters)
645	Municipal Trust
650	Municipal Derivatives
660	Municipal Paper
670	Maturity Value Above \$1000
680	Municipal Bond Inflation Indexed Security
681	Municipal Stripped Inflation Indexed Security
682	Municipal Stripped Coupon Inflation Indexed
699	Test Municipal
700	Direct U.S. Obligation (Generic)
701	U.S. Treasury Bills
702	U.S. Treasury Bonds (Non-Callable)
703	U.S. Treasury Bonds (Callable)
704	U.S. Treasury Flower Bonds
705	U.S. Treasury Notes
706	U.S. Treasury Strips
707	U.S. Treasury Strips Callable
708	U.S. Treasury Discount Notes
709	Agency Discount Notes
710	Government Agency Strips
711	Certificate Accrual Treasury Security (CATS)
712	Treas. Investment Growth Receipts (TIGRS)
713	Certificate on Govt. Receipt (COUGARS)
714	Govt. & Agency Term Obligation Receipts (GATRS)

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MPC	PRODUCT CODE NAME
715	Coupon Treasury Receipts
716	Zero Coupon Receipts
717	Treasury Bond Receipts
718	Easy-Growth Treasury Receipts
719	Treasury Receipts (Callable)
720	Government Agencies Coupon Bearing
721	Farm Credit Bank
722	Federal Home Loan Bank (FHLB)
723	Federal National Mortgage Association Debentures (FNMA)
724	Government Agency Term Notes
725	U.S. Postal Service Bonds
726	Student Loan Marketing Association
727	Government Agency Zeros
728	Exchange Items
729	Resolution Trust Corporation
730	Veterans U.S. Department Affair (VENNIE MAE)
731	Government Agencies Medium Notes
733	Sovereign Debt
740	Government National Mortgage Association (Generic) (GNMA)
741	GNMA I Partial Certificates
742	GNMA II Partial Certificates
743	Federal National Mortgage Association Participation Certificate (FNMA)
744	Federal Home Loan Mortgage Corporation Participation Certificate (FHLMC)
745	Puerto Rico Serial Government National Mortgage Association
746	Small Business Administration (SBA)
747	Government Agency Inflation Index Security
748	Government Agency Stripped Inflation Index
749	Government Agency Stripped Coupon Inflation Index
750	Government National Mortgage Association REMIC (GNMA)
751	Federal Home Loan REMIC (FHLMC)
752	Federal National Mortgage Association REMIC (FNMA)
753	Asset Back (TBA)
754	Canadian Treasury Bills
755	Federal National Mortgage Association Strips
757	GNMA REMIC Interest Only
760	FHLMC - Corporate Strips
761	Federal Home Loan Mortgage Corporation Collateralized Mortgage Obligation

MPC	PRODUCT CODE NAME
762	Federal National Mortgage Association Collateralized Mortgage Obligation
763	Federal Home Loan Mortgage Corporation "Gold" Adjustment REMIC
764	Federal Home Loan Mortgage Corporation "Gold" Manufactured Housing Pass Through Certificate
765	Federal Home Loan Mortgage Corporation "Gold" Adjustable
766	Federal Home Loan Mortgage Corporation "Gold" Pass Through REMIC
767	Federal Home Loan Mortgage Corporation "Gold" Adjustable Pass Through REMIC
768	Federal Home Loan Mortgage Corporation "Gold" Collateralized Mortgage Obligation
769	Federal Home Loan Mortgage Corporation "Gold" Stripped (I.O.)
77A	Super Pools
77B	Uniform Mortgage-Backed Securities (UMBS) Pools
77C	Mirror Pools
770	Federal Home Loan Mortgage Corporation "Gold" Stripped (P.O.)
771	Federal Home Loan Mortgage Corporation "Gold" Stripped (RECOMB)
772	Federal Home Loan Mortgage Corporation "Gold" Cash Flow Obligation
773	Federal Home Loan Mortgage Corporation "Gold" Participation Certificate
774	Federal Home Loan Mortgage Corporation "Gold" Adjusted Participation Certificate
775	Federal Home Loan Mortgage Corporation "Gold" REMIC
782	Federal National Mortgage Association Floater
783	Federal National Mortgage Association Inverse Floater
784	Federal National Mortgage Association Interest Only
785	Federal National Mortgage Association Principal Only
786	Federal Home Loan Mortgage Corporation Floater
787	Federal Home Loan Mortgage Corporation Inverse Floater
788	Federal Home Loan Mortgage Corporation Interest Only
789	Federal Home Loan Mortgage Corporation Principal Only
791	Treasury Inflation Program Security Bonds

# PERSHING STANDARD FILE LAYOUTS

MPC	PRODUCT CODE NAME
792	Treasury Inflation Program Security Notes
793	Treasury Inflation Program Security Stripped (Principal)
794	Treasury Inflation Program Security Stripped (Coupon)
795	GNMA Project Loans
796	FNMA Delegated Underwriting and Servicing (DUS) Bonds
800	Options
900	Units Equity Component
901	Corporate Units With Bonds
N00	Notes and Mortgages (Bank Custody)
N10	Guaranteed Insurance (Bank Custody)
N11	Closed-end Repurchase Agreement (Bank Custody)
N12	Liability (Bank Custody)
N13	Personal Property (Bank Custody)
N14	Real Estate (Bank Custody)
N15	Sundry (Bank Custody)
N16	Closely Held Stock (Bank Custody)
N17	Collective Investment Funds Variable Rate (Bank Custody)
N18	Collective Funds Fixed Rate (Bank Custody)
N19	Collective Investment Funds - Tax Exempt - Fixed (Bank Custody)
N20	Collective Investment Funds - Equity (Bank Custody)
N21	Collective Investment Funds - Bal (Bank Custody)
N22	Notes and Mortgages (Bank Custody)
N23	Secured Loans (Bank Custody)
N24	Unsecured Loans (Bank Custody)
N25	Leases (Bank Custody)
N26	Operating Leases (Bank Custody)
N27	Mineral Royalty Leases (Bank Custody)
N28	Fee Receivable (Bank Custody)
N29	Accounts Receivable (Bank Custody)
N30	General Partnerships (Bank Custody)
N31	GICS/GACS (Bank Custody)
N32	Personal Property (Bank Custody)
N33	Collectibles (Bank Custody)
N34	Sundry Assets (Bank Custody)
N35	Liabilities (Bank Custody)
<b>b b b</b>	Not available

# PERSHING STANDARD FILE LAYOUTS

## Asset Types

USED IN THE FOLLOWING STANDARD FILES: GTDE/GSDE, GTOE, ISCA, PCFD

ASSET TYPE	ASSET SUBTYPE	ASSET SUB-SUBTYPE	DESCRIPTION
ASSTBACK	ABSTRIP	ABSTRPIO	STRIP - INTEREST PORTION
ASSTBACK	ABSTRIP	ABSTRPIP	STRIP - INTEREST AND PRINCIPAL
ASSTBACK	ABSTRIP	ABSTRPPO	STRIP - PRINCIPAL PORTION
ASSTBACK	CMO	CMOACCR	CMO - ACCRETION
ASSTBACK	CMO	CMONACCR	CMO - NON-ACCRETION
ASSTBACK	FHLMC	FHARM	FHLMC - GENERAL PASS THRU ARM
ASSTBACK	FHLMC	FHGPC	FHLMC GENERAL PASS THRU CERTIFICATE
ASSTBACK	FHLMC	MIRRORS	MIRROR POOLS
ASSTBACK	FHLMC	SUPERS	SUPER POOLS
ASSTBACK	FHLMC	UMBS	UMBS POOLS
ASSTBACK	FHLMCGLD	FHLMCGLD	FHLMC GOLD
ASSTBACK	FNMA	FNARM	FNMA ADJUSTABLE RATE MORTGAGE
ASSTBACK	FNMA	FNGPC	FNMA GENERAL PASS THRU CERTIFICATE
ASSTBACK	GNMA1	GNMA1	GNMA1 PASS THROUGH CERTIFICATE
ASSTBACK	GNMA2	GN2ARM	GNMA2 ADJUSTABLE RATE MORTGAGE
ASSTBACK	GNMA2	GN2GPC	GNMA2 PASS THROUGH CERTIFICATE
ASSTBACK	PRGNMA	PRGNMA	PUERTO RICO SERIAL GNMA
ASSTBACK	RECBACK	QRPLOAN	QUALIFIED RETIREMENT PLAN LOAN
ASSTBACK	RECBACK	RECBCKTE	TAX EXEMPT REC. BACKED SECURITY
ASSTBACK	RECBACK	RECBCKTX	TAXABLE RECEIVABLES BACKED SECURITY
ASSTBACK	REMIC	REMACCR	ACCRETION REMIC
ASSTBACK	REMIC	REMNACCR	NON-ACCRETION REMIC
ASSTBACK	SBA	SBA	SMALL BUSINESS ADMINISTRATION
ASSTBACK	TBA	TBA	TO BE ANNOUNCED
CORPDEBT	CB	CBIIIS	CORP BOND INFLATION INDEX SECURITY
CORPDEBT	CB	CBSCPIIS	CORP STRIP CPN INFLTN INDEX SECURITY
CORPDEBT	CB	CBSTPIIS	CORP STRIP INFLATION INDEX SECURITY
CORPDEBT	CB	INDLKCRP	INDEX LINK CORPORATE BOND
CORPDEBT	CBCPN	CBCPN	COUPON BEARING BOND
CORPDEBT	CBDISC	CBDISC	DISCOUNT BOND
CORPDEBT	CBFLTIX	CBFLTCV	FLOATING RATE CONVERTIBLE BOND
CORPDEBT	CBFLTIX	CBFLTNCV	FLOATING RATE BOND NON-CONVERTIBLE
CORPDEBT	CBIAM	CBIAM	INTEREST AT MATURITY
CORPDEBT	CBPER	CBPER	PERPETUAL FLOATING RATE BOND
CORPDEBT	CBSTEP	CBSTKWN	STEPPED RATE - SCHEDULE KNOWN
CORPDEBT	CBSTEP	CBSTTBD	STEPPED RATE - SCHEDULE TBD
CORPDEBT	CBSTEP	CBZSTKWN	ZERO STEP - RATE KNOWN
CORPDEBT	CBSTEP	CBZSTTBD	ZERO STEP - RATE TBD



# PERSHING STANDARD FILE LAYOUTS

ASSET TYPE	ASSET SUBTYPE	ASSET SUB-SUBTYPE	DESCRIPTION
CORPDEBT	CBSTRIP	CBSTRPIO	STRIP - INTEREST ONLY
CORPDEBT	CBSTRIP	CBSTRPIP	STRIP - INTEREST AND PRINCIPAL
CORPDEBT	CBSTRIP	CBSTRPPO	STRIP - PRINCIPAL ONLY
CORPDEBT	CBZERO	CBZERO	ZERO COUPON BOND
CORPDEBT	MEDTRMNT	INDLKMTN	INDEX LINKED MEDIUM TERM NOTE
CORPDEBT	MEDTRMNT	MEDTRMNT	MEDIUM TERM NOTE
CORPDEBT	REVCONV	REVCVCB	REVERSE CONVERTIBLE CORPORATE BOND
CORPDEBT	REVCONV	REVCVMTN	REVERSE CONVERTIBLE MEDIUM TERM NOTE
CORPDEBT	TRIBALBD	GAMING	TRIBAL BOND - GAMING
CORPDEBT	TRIBALBD	HOTEL	TRIBAL BOND - HOTEL
CORPDEBT	TRIBALBD	HOUSING	TRIBAL BOND - HOUSING
CORPDEBT	TRIBALBD	IMPVMNT	TRIBAL BOND - IMPROVEMENT
CORPDEBT	TRIBALBD	VARPURP	TRIBAL BOND - VARIOUS PURPOSE
CURRENCY	CURRENCY	CURRENCY	CURRENCY
EQUITY	ARP	ARP	AUCTION RATE PREFERRED STOCK NON-TAX
EQUITY	ARP	ARPTAX	AUCTION RATE PREFERRED STOCK TAXABLE
EQUITY	COMSTOCK	COMSTOCK	COMMON STOCK
EQUITY	COMSTOCK	CSADR	COMMON STOCK ADR
EQUITY	COMSTOCK	EQINSTAL	STOCK INSTALLMENT OBLIGATION
EQUITY	COMSTOCK	ETF	EXCHANGE TRADED FUNDS
EQUITY	COMSTOCK	ETN	EXCHANGE TRADED NOTES
EQUITY	DTCHAUCT	DTCHAUCT	DUTCH AUCTION PREFERRED STOCK
EQUITY	MFCLOSE	MFCLOSE	MUTUAL FUND CLOSED END
EQUITY	MMP	MMP	MONEY MARKET PREFERRED STOCK - TAX EXEMPT
EQUITY	MMP	MMPTAX	MONEY MARKET PREFERRED STOCK - TAXABLE
EQUITY	PRFSTOCK	CAPINT	INTEREST BEARING FIXED RATE CAPITAL SECURITY
EQUITY	PRFSTOCK	CAPSEC	PREFERRED CAPITAL SECURITY
EQUITY	PRFSTOCK	PSADR	PREFERRED STOCK ADR
EQUITY	PRFSTOCK	PSCADR	CONVERTIBLE PREFERRED ADR
EQUITY	PRFSTOCK	PSCONV	CONVERTIBLE PREFERRED STOCK
EQUITY	PRFSTOCK	PSNCONV	PREFERRED STOCK - NON-CONVERTIBLE
EQUITY	RIGHTWTS	RIGHT	RIGHT
EQUITY	RIGHTWTS	RIGHTADR	RIGHT - ADR
EQUITY	RIGHTWTS	WARNTADR	WARRANT - ADR
EQUITY	RIGHTWTS	WARRANT	WARRANT
GENPAPER	INSURNCE	SNGLDANN	SINGLE PREMIUM DEF. ANNUITY
GENPAPER	INSURNCE	SNGLIANN	SINGLE PREMIUM IMM. ANNUITY
GENPAPER	INSURNCE	SNGLLIFE	SINGLE PREMIUM LIFE INSURANCE
GENPAPER	INSURNCE	VARANNTY	VARIABLE ANNUITY INSURANCE
GENPAPER	INSURNCE	VARLIFE	VARIABLE LIFE INSURANCE

# PERSHING STANDARD FILE LAYOUTS

ASSET TYPE	ASSET SUBTYPE	ASSET SUB-SUBTYPE	DESCRIPTION
GENPAPER	PROMNOTE	PROMNOTE	PROMISSORY NOTE
GENPAPER	SEALENV	SEALENV	SEALED ENVELOPE
GOVTSEC	DIRUSGVT	CUBES	COUPON UNDER BOOK ENTRY SAFEKEEPING
GOVTSEC	DIRUSGVT	DIRSTREC	STRIP RECEIPT - U.S.
GOVTSEC	DIRUSGVT	DIRUSCPN	COUPON BEARING - U.S.
GOVTSEC	DIRUSGVT	DIRUSDIS	DISCOUNT - U.S.
GOVTSEC	DIRUSGVT	DIRUSSTP	STRIP - U.S.
GOVTSEC	DIRUSGVT	FLOWER	FLOWER BOND - U.S.
GOVTSEC	DIRUSGVT	DIRZERO	ZERO COUPON - U.S.
GOVTSEC	DIRUSGVT	TIPSBOND	TIPS BOND
GOVTSEC	DIRUSGVT	TIPSNOTE	TIPS NOTE
GOVTSEC	DIRUSGVT	TIPSTCPN	TIPS STRIP COUPON
GOVTSEC	DIRUSGVT	TIPSTPRN	TIPS STRIP PRINCIPAL
GOVTSEC	FGNGOVT	FGNCPN	COUPON BEARING - FOREIGN
GOVTSEC	FGNGOVT	FGNDISC	DISCOUNT - FOREIGN
GOVTSEC	FGNGOVT	FGNSTRIP	STRIP - FOREIGN
GOVTSEC	FGNGOVT	FGNZERO	ZERO COUPON - FOREIGN
GOVTSEC	INDIRGVT	AGCYCPN	AGENCY COUPON BEARING
GOVTSEC	INDIRGVT	AGCYDISC	AGENCY DISCOUNT
GOVTSEC	INDIRGVT	AGCYIIS	AGENCY INFLATION INDEXED SECURITY
GOVTSEC	INDIRGVT	AGCYMTN	AGENCY MEDIUM TERM NOTE
GOVTSEC	INDIRGVT	AGCYSTRP	AGENCY STRIP
GOVTSEC	INDIRGVT	AGCYZERO	AGENCY ZERO
GOVTSEC	INDIRGVT	AGSCPIIS	AGENCY STRIP CPN INFLATION INDEXED SECURITY
INDEX	INDEX	INDEX	CPI INDEX
LIMPART	REGLP	REGLP	REGISTERED LIMITED PARTNERSHIP
LIMPART	SUBLP	SUBLP	SUBSCRIPTION LIMITED PARTNERSHIP
MONEYMKT	BNKACCPT	BADISC	BANKER'S ACCEPTANCE - DISCOUNT
MONEYMKT	BNKACCPT	BAIAM	BANKER'S ACCEPTANCE - IAM
MONEYMKT	CERTDEPT	CDCPN	COUPON BEARING CD
MONEYMKT	CERTDEPT	CDDISC	DISCOUNT CD
MONEYMKT	CERTDEPT	CDIAM	INTEREST AT MATURITY CD
MONEYMKT	CERTDEPT	INDLKCD	INDEX LINKED CD
MONEYMKT	COMPAPER	CPCPN	COMMERCIAL PAPER - COUPON
MONEYMKT	COMPAPER	CPDISC	COMMERCIAL PAPER - DISCOUNT
MONEYMKT	TIMEDEPO	TIMEDEPO	TIME DEPOSIT
MUNIDEBT	BUILDAMR	HOLDER	BUILD AMERICA BONDS - BONDHOLDER TAX CREDIT BOND
MUNIDEBT	BUILDAMR	ISSUER	BUILD AMERICA BONDS - ISSUER TAX CREDIT BOND
MUNIDEBT	MN	MNIIS	MUNI BOND INFLATION INDEX SECURITY
MUNIDEBT	MN	MNSCPIIS	MUNI STRIP CPN INFLATION INDEX SEC.
MUNIDEBT	MN	MNSTPIIS	MUNI STRIP INFLATION INDEX SECURITY
MUNIDEBT	MNCPN	FRDO	FIXED RATE DEMAND OBLIGATION

# PERSHING STANDARD FILE LAYOUTS

ASSET TYPE	ASSET SUBTYPE	ASSET SUB-SUBTYPE	DESCRIPTION
MUNIDEBT	MNCPN	MNCPN	COUPON BEARING - FIXED RATE
MUNIDEBT	MNDERIV	MNDERIV	MUNICIPAL DERIVATIVE BOND
MUNIDEBT	MNFLTIX	MNFLTICV	FLOATING RATE - CONVERTIBLE
MUNIDEBT	MNFLTIX	MNFLTNCV	FLOATING RATE BOND - NON-CONVERTIBLE
MUNIDEBT	MNIAM	MNIAM	INTEREST AT MATURITY
MUNIDEBT	MNPERPET	MNPERPET	PERPETUAL OBLIGATION
MUNIDEBT	MNSTEP	MNSTPKWN	STEPPED RATE - SCHEDULE KNOWN
MUNIDEBT	MNSTEP	MNSTPTBD	STEPPED RATE - SCHEDULE TBD
MUNIDEBT	MNSTEP	MNZSTKWN	ZERO STEP - RATE KNOWN
MUNIDEBT	MNSTEP	MNZSTTBD	ZERO STEP - RATE TO BE DETERMINED
MUNIDEBT	MNSTRIP	MNSTRPIO	STRIP - INTEREST PORTION
MUNIDEBT	MNSTRIP	MNSTRPIP	STRIP - INTEREST AND PRINCIPAL
MUNIDEBT	MNSTRIP	MNSTRPPO	STRIP - PRINCIPAL ONLY
MUNIDEBT	MNZERO	MNZERO	ZERO COUPON BOND
MUNIDEBT	MUNIADJ	CNVVRDO	CONVERTIBLE VARIABLE RATE DEMAND OBLIGATION
MUNIDEBT	MUNIADJ	CNVVRI	CONVERTIBLE - VARIABLE RATE
MUNIDEBT	MUNIADJ	MNPAPER	COMMERCIAL PAPER (VARIABLE RATE)
MUNIDEBT	MUNIADJ	VRDO	VARIABLE RATE DEMAND OBLIGATION
MUNIDEBT	MUNIADJ	VRI	VARIABLE RATE INSTRUMENT
MUTFUND	MFOPEN	MFOPLOAD	OPEN END - LOAD FUND
MUTFUND	MFOPEN	MFOPNO	OPEN END - NO LOAD FUND
MUTFUND	MFOPEN	MTOPLD	OPEN END TAXABLE LOAD FUND
MUTFUND	MFOPEN	MTOPNO	OPEN END TAXABLE NO LOAD FUND
MUTFUND	MFOPEN	MF529LD	529 SAVINGS PLAN LOAD FUND
MUTFUND	MFOPEN	MF529NL	529 SAVINGS PLAN NO LOAD FUND
NONTRDTL	BANKCUST	BANKCUST	NON-TRADITIONAL FOR BANK CUSTODY
OPTION	ALPHA	ALPHACAL	ALPHA OPTION CALL
OPTION	ALPHA	ALPHAPUT	ALPHA OPTION PUT
OPTION	BANKPLDG	BPCOCAL	CURRENCY BANK PLEDGE CALL
OPTION	BANKPLDG	BPCOPUT	CURRENCY BANK PLEDGE PUT
OPTION	BANKPLDG	BPDOCAL	DEBT BANK PLEDGE CALL
OPTION	BANKPLDG	BPDOPUT	DEBT BANK PLEDGE PUT
OPTION	BANKPLDG	BPEOCAL	EQUITY BANK PLEDGE CALL
OPTION	BANKPLDG	BPEOPUT	EQUITY BANK PLEDGE PUT
OPTION	BANKPLDG	BPIOCAL	INDEX BANK PLEDGE CALL
OPTION	BANKPLDG	BPIOPUT	INDEX BANK PLEDGE PUT
OPTION	BINARY	BINCAL	BINARY OPTIONCALL
OPTION	BINARY	BINPUT	BINARY OPTION PUT
OPTION	CREDITDFT	CDOCAL	CREDIT EVENT OPTION CALL
OPTION	CREDITDFT	CDOPUT	CREDIT EVENT OPTION PUT
OPTION	ESCRECPT	ESCRCCUR	CURRENCY ESCROW RECEIPT
OPTION	ESCRECPT	ESCRDBT	DEBT ESCROW RECEIPT
OPTION	ESCRECPT	ESCRCEQY	EQUITY ESCROW RECEIPT

# PERSHING STANDARD FILE LAYOUTS

ASSET TYPE	ASSET SUBTYPE	ASSET SUB-SUBTYPE	DESCRIPTION
OPTION	ESCRECPT	ESCRCIDX	INDEX ESCROW RECEIPT
OPTION	FXBAROPT	FXBAROPT	FX BAR OPTIONS
OPTION	FXOTCOPT	FXOTCOPT	FX OTC OPTIONS
OPTION	KOOPT	KOCAL	KNOCK OUT OPTION CALL
OPTION	KOOPT	KOPUT	KNOCK OUT OPTION PUT
OPTION	LTRGUAR	LGCOCAL	CURRENCY BANK LETTER OF GUARANTEE CALL
OPTION	LTRGUAR	LGCOPUT	CURRENCY BANK LETTER OF GUARANTEE PUT
OPTION	LTRGUAR	LGDOCAL	DEBT BANK LETTER OF GUARANTEE CALL
OPTION	LTRGUAR	LGDOPUT	DEBT BANK LETTER OF GUARANTEE PUT
OPTION	LTRGUAR	LGEOCAL	EQUITY BANK LETTER OF GUARANTEE CALL
OPTION	LTRGUAR	LGEOPUT	EQUITY BANK LETTER OF GUARANTEE PUT
OPTION	LTRGUAR	LGIOCAL	INDEX BANK LETTER OF GUARANTEE CALL
OPTION	LTRGUAR	LGIOPUT	INDEX BANK LETTER OF GUARANTEE PUT
OPTION	NONDELFD	NONDELFD	NON-DELIVERABLE FORWARD OPTION
OPTION	OPTCURR	OPTCUCAL	CURRENCY CALL OPTION
OPTION	OPTCURR	OPTCUPUT	CURRENCY PUT OPTION
OPTION	OPTDEBT	OPTDBCAL	DEBT CALL OPTION
OPTION	OPTDEBT	OPTDBPUT	DEBT PUT OPTION
OPTION	OPTEQTY	OPTEQCAL	EQUITY CALL OPTION
OPTION	OPTEQTY	OPTEQPUT	EQUITY PUT OPTION
OPTION	OPTINDEX	OPTIXCAL	INDEX CALL OPTION
OPTION	OPTINDEX	OPTIXPUT	INDEX PUT OPTION
OPTION	OTCOPTN	OTCCAL	OTC OPTION CALL
OPTION	OTCOPTN	OTCPUT	OTC OPTION PUT
OPTION	TREASOPT	TROPTCAL	TREASURY OPTION CALL
OPTION	TREASOPT	TROPTPUT	TREASURY OPTION PUT
OPTION	VDF	VDF	VDF OPTION
OPTION	WORLDCUR	WCOCAL	WORLD CURRENCY CALL
OPTION	WORLDCUR	WCOPUT	WORLD CURRENCY PUT
PRECMETL	BAR	BAR	BAR
PRECMETL	COIN	COIN	COIN
SUBPROD	ANNUITY	FIXED	FIXED ANNUITY
SUBPROD	ANNUITY	VARIABLE	VARIABLE ANNUITY
UIT	UITTAX	UITTAX	TAXABLE UIT
UIT	UITTE	UITTE	TAX EXEMPT UIT
UNIT	BONDUNIT	BONDUNIT	BOND UNIT
UNIT	STKUNIT	STKUNIT	STOCK UNIT

# PERSHING STANDARD FILE LAYOUTS

## Tranche Codes (for Mortgage-Backed Securities)

USED IN THE FOLLOWING STANDARD FILE: ISCA

TRANCHE CODE	DESCRIPTION
ARB	ARB (ascending rate bond)
ASVADM	Accretion Directed/Short Stated Maturity/VADM
AUCTRN	Auction Rate Note
AVAILF	Available Funds Class
CAB	CAB (capital accumulation bond)
CLB	Callable (at issuer's option, not clean-up)
COMMTG	Commercial Mortgages
COMPAN	Companion
COMPON	Component (parts cannot be split)
CORPTH	Corporate Pass-Throughs
CPN	Coupon Bond
CPNRED	Coupon Bond with Redemption Schedule
DELRAW	Delayed Draw
DESRM	Descending Rate Bond
F	Floating Rate Bond
FLTRBD	Floating Rate Bond with Redemption Schedule
FLTTOG	Floating Toggle
FORUSA	Foreign Deal with USD Tranche, Assets
FORUSM	Foreign Deal with USD Tranche, Residential Mortgages
GTDMTY	Guaranteed Maturity Class
I	Inverse Floater
IFT	Inverse Floating Toggle
IHOW	Interest Only (IO) Inverse Floater
IO	Interest Only (IO)
IOE	IO-ette; IO Tranche for a CMO Security
IOWF	Interest Only with Floating Rate
JRPR	Junior Priority
JRSUB	Junior Subordinate
JZ	Jump-Z Bond
MEZZ	Mezzanine
MODCOM	Modifiable / Combinable
MUNBDF	Municipal Bond with Factors
NAS5YR	Non-Accelerating Senior 5 Year Lockout Whole Loans
NONPR	Non-paying Residual
PAC	PAC (planned amortization class) Bond
PACCAB	PAC-CAB (PAC & CAB combination) Bond
PARZ	Partial Z
PASSTH	Pass-through
PCF	PAC floater

# PERSHING STANDARD FILE LAYOUTS

TRANCHE CODE	DESCRIPTION
PCZ	Z-PAC bond
PIO	Interest only with PAC schedule
PO	Principal Only (PO)
PPO	Principal Only with PAC Schedule
PREPAY	Prepayment Penalty Excess
R	Residual with Coupon and/or Residual Balance
RESIDX	Residual with Excess Payments
RPRLOT	Random Redemption/Pro Rata/Retail/Lottery
SCHCF	Scheduled Cash Flow
SEQ	Sequential
SHIFPP	Shifting Payments Percentage
SRPR	Senior Priority
SRSUB	Senior Subordinate
STRIP	Strip
STRUCT	Structured Collateral
TALF	Term Asset-Backed Securities Loan Facility.
TCF	TAC (targeted accumulation class) Floater
TCZ	TAC Bond
VARIND	Variable (based on weighted average coupon or an index)
XAC	Index allocation
Z	Z Bond