

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
RECORD TYPE	Indicates a field that governs the record layout for this segment depending on the value in the field. This is the "D" Detail record segment	Record 1	1-1	1	AN PIC X(01)		
RECORD NUMBER	For multi-line records, the number for the record (legacy). For single-line records, any character identifying the record type. This is Record 1	Record 1	2-2	1	AN PIC X(01)		
RECORD STATUS CODE	Indicates the status of the record.	Record 1	3-3	1	AN PIC X(01)		A Added record C Changed record
CUSIP	Unique nine-character security identification code (Committee On Uniform Securities Identification Procedures).	Record 1	4-12	9	AN PIC X(09)	BSEC CUSIP	
SYMBOL	The Billing Symbol found on BSEC to uniquely identify a security. This field is internally maintained and may contain internally defined codes for proprietary and reporting uses.	Record 1	13-32	20	AN PIC X(20)	BSEC SYMBOL	

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FLOOR TRADING SYMBOL	Unique identifier associating the security to the market where it is traded. Usually the same as SYMBOL.	Record 1	33-52	20	AN PIC X(20)	BSEC FTS	
SECURITY TYPE	One-character code that is used to identify the type of security. This field is used with SECURITY TYPE MODIFIER and/or the SECURITY TYPE CALCULATION codes to provide identification at a more detailed level.	Record 1	53-53	1	AN PIC X(01)		See Appendix 1: Possible Values
SECURITY TYPE MODIFIER	One-character security qualifier code used to further identify the type of security. This field is used with SECURITY TYPE MODIFIER and/or the SECURITY TYPE CALCULATION codes to provide identification at a more detailed level. Requires the SECURITY TYPE to be unique, the only exception is when a CUSIP name-change takes place in which case the field value is N.	Record 1	54-54	1	AN PIC X(01)		See Appendix 1: Possible Values

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SECURITY TYPE CALCULATION	One-character security qualifier code used to further identify the type of security. This field is used with SECURITY TYPE and SECURITY TYPE MODIFIER codes to provide identification at a more detailed level. Requires SECURITY TYPE and SECURITY TYPE MODIFIER to be unique.	Record 1	55-55	1	AN PIC X(01)		See Appendix 1: Possible Values
SECURITY DESCRIPTION LINE 1	Description line 1 of 6 from Security Master.	Record 1	56-75	20	AN PIC X(20)	BSEC DISP DESC EXTENDED DESCRIPTION	
SECURITY DESCRIPTION LINE 2	Description line 2 of 6 from Security Master.	Record 1	76-95	20	AN PIC X(20)	BSEC DISP DESC EXTENDED DESCRIPTION	
SECURITY DESCRIPTION LINE 3	Description line 3 of 6 from Security Master.	Record 1	96-115	20	AN PIC X(20)	BSEC DISP DESC EXTENDED DESCRIPTION	
SECURITY DESCRIPTION LINE 4	Description line 4 of 6 from Security Master.	Record 1	116-135	20	AN PIC X(20)	BSEC DISP DESC EXTENDED DESCRIPTION	

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SECURITY DESCRIPTION LINE 5	Description line 5 of 6 from Security Master.	Record 1	136-155	20	AN PIC X(20)	BSEC DISP DESC EXTENDED DESCRIPTION	
SECURITY DESCRIPTION LINE 6	Description line 6 of 6 from Security Master.	Record 1	156-175	20	AN PIC X(20)	BSEC DISP DESC EXTENDED DESCRIPTION	
ISSUE DATE	The date the security was issued.	Record 1	176-183	8	YYYYMMDD PIC 9(08)	BSEC ISSUED	
ISSUER COUNTRY	The foreign country that issued the security. These are the same three- characters codes as in STATE/COUNTRY CODE. See Possible Values Appendix.	Record 1	184-186	3	AN PIC X(03)	BSEC COUNTRY:	

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PRIMARY EXCHANGE	The organization that acts as the primary location through which the security is traded.	Record 1	187-187	1	AN PIC X(01)	BSEC PRIME EXCHANGE	1 NYSE (New York Stock Exchange) 2 NYSE Alternext/ASE (American Stock Exchange) 3 PBW (Philadelphia Stock Exchange) 4 OTC (Non-NSCC) 5 Other (Regional) 6 CHX (Chicago Stock Exchange) 7 CBOE (Chicago Board Options Exchange) 8 NASDAQ (National Association of Securities Dealers Automated Quotations) 9 ARCA (Pacific) V IEX (Investors Exchange) Z BATS (Better Alternative Trading System)
DTC ELIGIBILITY CODE	One-character status code used to identify the current level of DTC (Depository Trust Co) eligibility for a security.	Record 1	188-188	1	AN PIC X(01)	BSEC DTC ELIG	0 Ineligible for DTC 1 Eligible for DTC 2 Process of delete (Freeze coming, continuing to process) 3 Frozen (Eligible, do not process) 4 Frozen / Delete (Frozen, to be ineligible) 5 Frozen for deposit, process withdrawals 6 Frozen for withdrawals, process deposits 7 Frozen for deposits and withdrawals

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OPTION/RIGHTS/WTS EXPIRE DATE	The date on which an option, right or warrant expires.	Record 1	189-196	8	YYYYMMDD PIC 9(08)	BSEC INITIAL EXPIRE	
DISTRIBUTION FREQUENCY CODE	The frequency of distributions from the security. Not used for declared distributions such as dividends.	Record 1	197-197	1	AN PIC X(01)	BSEC DISTRIB FREQ or INT FREQ	[space] Not applicable A Annually B Bi-monthly D Daily E Bi-weekly I Irregularly M Monthly Q Quarterly S Semi-annually T Pays at maturity W Weekly
SECURITY SHORT NAME	Ten-character field starting with the security's name.	Record 1	198-207	10	AN PIC X(10)		
DATED DATE	The date from which the first interest payment is calculated for fixed income securities.	Record 1	208-213	6	YYMMDD PIC 9(06)	BSEC DTD DATE	

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ISIN	<p>Unique twelve-character alphanumeric security identification number (International Securities Identifying Number) as defined by ISO 6166. Active ISIN numbers are preceded by the “#” symbol in one of the SECURITY DESCRIPTION fields.</p> <p>Can be empty when foreign security set to inactive by Product Master.</p>	Record 1	214-228	15	AN PIC X(15)	BSEC DISP XREF ISIN:	
SEDOL	<p>Unique seven-character alphanumeric security identification number (Stock Exchange Daily Official List) as issued by the London Stock Exchange. Active SEDOL numbers are preceded by the “#” symbol in one of the SECURITY DESCRIPTION fields.</p> <p>Can be empty when foreign security set to inactive by Product Master.</p>	Record 1	229-243	15	AN PIC X(15)	BSEC DISP XREF SEDOL:	
CURRENCY CODE	<p>Three-character ISO 4217 alpha code indicating currency type.</p>	Record 1	244-246	3	AN PIC X(03)	BSEC DISP XREF CURRENCY:	

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ISSUER COUNTRY	<p>The foreign country that issued the security.</p> <p>These are the same three-character codes as in STATE/COUNTRY CODE. See Possible Values Appendix.</p>	Record 1	247-249	3	AN PIC X(03)	BSEC DISP XREF COUNTRY:	
FOREIGN	Indicates if the issuer is a non-US corporation.	Record 1	250-250	1	AN PIC X(01)	BSEC FOREIGN	N Not foreign Y Foreign
ISSUER STATE CODE	<p>Identifies the state of the issuer.</p> <p>Standard USPS recognized two letter state codes. See STATE CODE in Appendix.</p>	Record 1	251-252	2	AN PIC X(02)		
PRODUCT CODE	12-character variable character code used to identify the type of security. The code uses a hierarchy that allows you to identify the securities at varying levels of detail.	Record 1	253-264	12	AN PIC X(12)	BSEC PROD-ID	See Appendix 1: Possible Values

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UNDERLYING CUSIP CODE	One-character code indicating the type of security for the underlying CUSIP.	Record 1	265-265	1	AN PIC X(01)		[space] No underlying CUSIP code C Convertible O Option R Rename U Unit X Warrant
UNDERLYING CUSIP	<p>The CUSIP number of the underlying security.</p> <p>In options, the security that needs to be delivered when call options or put options are exercised. When stock index options and stock index futures are exercised they are settled in cash because it is impossible to deliver stock indexes.</p> <p>In securities, common stock that other securities issued by the same corporation are based upon. This stock has to be delivered when convertible bonds or preferred stocks are converted into common shares, incentive stock options are exercised and when warrants or rights are exercised.</p> <p>In certain cases, UNDERLYING CUSIP may be unpopulated and the CUSIP number appears in one of the SECURITY DESCRIPTION LINES.</p>	Record 1	266-274	9	AN PIC X(09)	BSEC DISP CONV or BSEC DISP OPTN INTO CUSIP or UNDERLYING SECINTO CUSIP	

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
USER CUSIP INDICATOR	One-character alpha code indicating that issuer's CUSIP is unique to NFS and not recognized by the CUSIP Bureau. Not always reliable.	Record 1	275-275	1	AN PIC X(01)	BSEC DISP USER CUSIP	N CUSIP is standard, industry-wide CUSIF Y CUSIP is unique to NFS
PIP ELIGIBLE	One-character alpha code indicating whether the mutual fund is eligible for Periodic Investment Plan (PIP).	Record 1	276-276	1	AN PIC X(01)	BSEC DISP MFND PIP ELIGIBLE	[blank] Not a mutual fund N Not PIP eligible Y Eligible for PIP
SWP ELIGIBLE	One-character alpha code indicating whether the mutual fund is eligible for Systematic Withdrawal Plan (SWP).	Record 1	277-277	1	AN PIC X(01)	BSEC DISP MFND SWP ELIGIBLE	[blank] Not a mutual fund N Not SWP eligible Y Eligible for SWP
BASE INTEREST DATE	Indicates the date correlated to the interest frequency used when calculating the interest payments on a bond.	Record 1	278-281	4	MMDD PIC 9(04)	BSEC BASE INT DATE	
INTEREST DAYS	One-character code that indicates the method used to calculate interest on a bond.	Record 1	282-282	1	AN PIC X(01)	BSEC INT DAYS	0 360 days/30 day period 1 360 days 2 365/6 actual days

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Lngh	Format	On-Line Reference	Possible Values
FIRST COUPON DATE	The first date on which interest is paid to a fixed income security.	Record 1	283-288	6	YYMMDD PIC 9(06)	BSEC 1ST CPN	
DEBT INTEREST RATE SIGN	Indicates the sign for the numeric value in the next field DEBT INTEREST RATE.	Record 1	289-289	1	AN PIC X(01)		
DEBT INTEREST RATE	Indicates the annual rate of interest payment for a bond.	Record 1	290-296	7	N PIC 9(02)V9(05)	BSEC INT RATE	
DEBT MATURITY DATE	Indicates the date on which a bond matures. Not Y2K compliant	Record 1	297-302	6	YYMMDD PIC 9(06)	BSEC MATURITY DATE	
BOND CLASS CODE	Indicates the class type of a bond.	Record 1	303-303	1	AN PIC X(01)	BSEC BOND CLASS	1 Registered only 2 Book entry only 3 Coupon entry only 4 Registered as to principal only 5 Fully interchangeable 6 Coupon or registered as to principal 7 Coupon or registered 8 Registered or registered as to principal

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EXCHANGE GROUP NUMBER	Three-character numeric with leading zeros indicating a valid exchange group within a fund family. Funds can be exchanged for any other fund with the same exchange group number.	Record 1	304-306	3	AN PIC X(03)	BSEC DISP MFND EXCHANGE GROUP:	
FUND FAMILY NUMBER	Five-character numeric code with leading zeroes identifying of a family of mutual funds. This is typically the NSCC fund number. Zeros if not a mutual fund or no fund family assigned.	Record 1	307-311	5	AN PIC X(05)	BSEC DISP FMLY FUND FAMILY NUMBER	
FUND FAMILY DESCRIPTION	Variable-character alphanumeric string of the name associated with the family of funds or UITs.	Record 1	312-331	20	AN PIC X(20)	BSEC DISP FMLY FUND FAMILY NAME	
FUND LOAD TYPE	Indicates the type of load associated with the mutual fund.	Record 1	332-332	1	AN PIC X(01)	BSEC DISP CHRG LOAD TYPE	[space] Not a fund. 1 Front-end load 2 Back-end load 3 Both-end load N No-load

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
FUND CLASS OF SHARES	One-character code indicating the class of shares as defined by the mutual fund family. Contact the fund sponsor for the characteristics of each share class.	Record 1	333-333	1	AN PIC X(01)	BSEC DISP CHRG CLASS OF SHARES	
TYPE OF FUND	One-character code indicating the type of mutual fund.	Record 1	334-334	1	AN PIC X(01)	BSEC FUND TYPE	B Bond E Equity M Money
REORGANIZATION PENDING CODE	Indicates if a security has a reorganization pending.	Record 1	335-335	1	AN PIC X(01)	BSEC REORG	A Maturity B Fully called E Expiring positions M Mandatory reorganization N Not applicable O Optional reorganization pending R Rights T Tenders W Warrants
FILLER	FILLER - Internal use only.	Record 1	336-336	1	AN PIC X(01)		

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INITIAL MINIMUM	The minimum dollar amount for an initial purchase of the fund.	Record 1	337-345	9	N PIC 9(07)V9(02)	BSEC DISP MFND INITIAL MINIMUM	
SUBSEQUENT MINIMUM	The minimum dollar amount for a purchase of additional shares of the fund.	Record 1	346-354	9	N PIC 9(07)V9(02)	BSEC DISP MFND SUBSEQUENT MINIMUM	
REDEMPTION MINIMUM	The minimum dollar amount that can be redeemed.	Record 1	355-363	9	N PIC 9(07)V9(02)	BSEC DISP MFND REDEMPTION MIN	
REDEMPTION MAXIMUM	The maximum dollar amount that can be redeemed.	Record 1	364-372	9	N PIC 9(07)V9(02)	BSEC DISP MFND REDEMPTION MAX	
RATING AGENT CODE	Identifies the organization responsible for rating the investment or credit quality of an issue. This code applies to the next field RATING.	Record 1	373-373	1	AN PIC X(01)	BSEC DISP DESC MOODYS RATING	I IDC Financial Publishing M Moody S Standard & Poors (S&P)
RATING	The rating of the investment or credit quality of an issue, e.g. "AAA," "Baa," etc. 1 of 3 RATING fields.	Record 1	374-378	5	AN PIC X(05)	BSEC DISP DESC MOODYS RATING	

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RATING AGENT CODE	Identifies the organization responsible for rating the investment or credit quality of an issue. This code applies to the next field RATING.	Record 1	379-379	1	AN PIC X(01)	BSEC DISP DESC S/P RATING	I IDC Financial Publishing M Moody S Standard & Poors (S&P)
RATING	The rating of the investment or credit quality of an issue, e.g. "AAA," "Baa," etc. 2 of 3 RATING fields.	Record 1	380-384	5	AN PIC X(05)	BSEC DISP DESC S/P RATING	
RATING AGENT CODE	Identifies the organization responsible for rating the investment or credit quality of an issue. This code applies to the next field RATING.	Record 1	385-385	1	AN PIC X(01)	BSEC DISP DESC OTHER RATING	I IDC Financial Publishing M Moody S Standard & Poors (S&P)
RATING	The rating of the investment or credit quality of an issue, e.g. "AAA," "Baa," etc. 3 of 3 RATING fields.	Record 1	386-390	5	AN PIC X(05)	BSEC DISP DESC OTHER RATING	
CURRENT FACTOR AMOUNT	The percent of the original face of a collateralized securities pool that is currently outstanding.	Record 1	391-400	10	N PIC 9(02)V9(08)	BSEC DISP FACT CURRENT FACTOR>AMOUNT	

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Lngh	Format	On-Line Reference	Possible Values
CURRENT FACTOR DATE	The date until which the current factor is in effect.	Record 1	401-408	8	YYYYMMDD PIC 9(08)	BSEC DISP FACT CURRENT FACTOR>PAY DATE	
ZERO COUPON INDICATOR	One-character alpha code indicating security is a zero-coupon security.	Record 1	409-409	1	AN PIC X(01)	BSEC CPN TYPE ZER	N Not a zero-coupon security Y Zero-coupon security
LAST COUPON DATE	The date of the last (final) coupon payment for a fixed income security.	Record 1	410-415	6	YYMMDD PIC 9(06)	BSEC LST CPN	
OPTION ACTIVITY BEGIN DATE	The date the option security becomes effective.	Record 1	416-421	6	YYMMDD PIC 9(06)	BSEC DISP OPTN ACTIVITY BEGIN DATE	
OPTION ACTIVITY END DATE	The date the option record will not longer be maintained. This date is typically the same as the expiration date but can occur prior to the expiration date if the security underwent a corporate action.	Record 1	422-427	6	YYMMDD PIC 9(06)	BSEC DISP OPTN END DATE	

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CBL COVERED SECURITY INDICATOR	One-character alpha code indicating whether the security is subject to Internal Revenue Service (IRS) cost basis reporting requirements.	Record 1	428-428	1	AN PIC X(01)	BSEC CBL COVERED:	[space] Security is not subject to IRS cost basis reporting requirements. N Security is not subject to IRS cost basis reporting requirements. Y Security is subject to IRS cost basis reporting requirements.
CBL COVERED SECURITY EFFECTIVE DATE	The date when the security became subject to Internal Revenue Service (IRS) cost basis reporting requirements. If security is not subject to requirements, this segment is empty.	Record 1	429-436	8	YYYYMMDD PIC X(08)	BSEC EFF DATE:	
BID PRICE	The quoted bid price of the security derived from the NFS pricing system.	Record 1	437-454	18	N PIC 9(09)V9(09)		
ASK PRICE	The quoted ask price of the security derived from the NFS pricing system.	Record 1	455-472	18	N PIC 9(09)V9(09)		
CLOSING MARKET PRICE	The quoted closing market price of the security derived from the NFS pricing system.	Record 1	473-490	18	N PIC 9(09)V9(09)	BSEC DISP PRCE CLOSE PRICE:	

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
PRICE DATE	The date of the price(s) derived from the NFS pricing system. Can contain zeros when BSEC DISP PRICE > LAST UPDATE: is empty	Record 1	491-498	8	YYYYMMDD PIC X(08)	BSEC DISP PRICE LAST UPDATE:	
UNFACTORED PRICE SIGN	Indicates the sign for the numeric value in the next field UNFACTORED PRICE	Record 1	499-499	1	AN PIC X(01)		
UNFACTORED PRICE	The dollar price of a fixed income instrument being valued by NFS current price vendor. In general, they represent an evaluated bid price reflecting the current trade prices. Also referred to as “clean” price.	Record 1	500-517	18	N PIC 9(09)V9(09)	BSEC DISP PRICE TRADING PRICE:	
FACTORED PRICE SIGN	Indicates the sign for the numeric value in the next field FACTORED PRICE	Record 1	518-518	1	AN PIC X(01)		
FACTORED PRICE	The dollar price of a fixed income instrument as calculated by FBSI Margin as Current Market Price times Factor. Also referred to as “dirty” price.	Record 1	519-536	18	N PIC 9(09)V9(09)	BSEC DISP PRICE CLOSE PRICE:	

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PREVIOUS FACTOR AMOUNT	The percent of the original face of a collateralized securities pool that was outstanding prior to the current factor.	Record 1	537-546	10	N PIC 9(02)V9(08)	BSEC DISP FACT PREVIOUS FACTOR > AMOUNT	
PREVIOUS FACTOR DATE	The date until which the previous factor was in effect.	Record 1	547-554	8	YYYYMMDD PIC 9(08)	BSEC DISP FACT PREVIOUS FACTOR > PAY DATE	
SECOND PREVIOUS FACTOR AMOUNT	The percent of the original face of a collateralized securities pool that was outstanding prior to the previous factor.	Record 1	555-564	10	N PIC 9(02)V9(08)	BSEC DISP FACT 2ND PREVIOUS FACTOR > AMOUNT	
SECOND PREVIOUS FACTOR DATE	The date until which the factor prior to previous factor was in effect.	Record 1	565-572	8	YYYYMMDD PIC 9(08)	BSEC DISP FACT 2ND PREVIOUS FACTOR > PAY DATE	
DAY DELAY	Three-character number with leading zeros identifying the number of days subsequent to the end of the accrual period that the payment to the pass-through holder is delayed.	Record 1	573-575	3	N PIC 9(03)	BSEC DISP FACT DAY DELAY	

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CPI RATIO SIGN	Indicates the sign for the numeric value in the next field CPI RATIO.	Record 1	576-576	1	AN PIC X(01)		
CPI RATIO	The numeric ratio between the Consumer Price Index (CPI) on the CPI RATIO DATE and Consumer Price Index (CPI) on the CPI DATED DATE.	Record 1	577-586	10	N PIC 9(02)V9(08)	BSEC DISP PRCE INDEX RATIO:	
CPI RATIO DATE	The date referenced in the numerator of the CPI RATIO.	Record 1	587-594	8	YYYYMMDD PIC X(08)	BSEC DISP PRCE INDEX EFF DATE:	
DATED DATE CPI SIGN	Indicates the sign for the numeric value in the next field CPI DATED DATE.	Record 1	595-595	1	AN PIC X(01)		
DATED DATE CPI	The Consumer Price Index (CPI) effective on the DATED DATE of the security.	Record 1	596-603	8	N PIC 9(03)V9(05)	BSEC DISP DTD DATE CPI	
CURRENT COUPON EFFECTIVE DATE	The date at which the current coupon rate became effective.	Record 1	604-611	8	YYYYMMDD PIC X(08)	BSEC DISP RATE CPN EFF DATE	

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NEXT STEPPED COUPON RATE SIGN	Indicates the sign for the numeric value in the next field NEXT STEPPED COUPON RATE.	Record 1	612-612	1	AN PIC X(01)		
NEXT STEPPED COUPON RATE	The interest rate the coupon changes to at the next step interval as defined by the issuer.	Record 1	613-619	7	N PIC 9(02)V9(05)	BSEC DISP RATE COUPON	
NEXT COUPON RESET DATE	The date of the next step or change in coupon rate as defined by the issuer.	Record 1	620-627	8	YYYYMMDD PIC X(08)	BSEC DISP RATE NEXT RESET DT:	
COUPON RESET FREQUENCY	One-character alphanumeric code indicating the frequency at which the coupon rate changes for stepped and variable securities.	Record 1	628-629	2	AN PIC X(02)	BSEC DISP RATE RESET FREQ:	1Y Annually AT At issuer's option BM Bi-monthly BW Bi-weekly DY Daily MO Monthly NY N Years PT Put QU Quarterly SA Semiannually TB To be determined TM One time WK Weekly

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COUPON RATE MINIMUM SIGN	Indicates the sign for the numeric value in the next field COUPON RATE MINIMUM.	Record 1	630-630	1	AN PIC X(01)		
COUPON RATE MINIMUM	The minimum coupon rate for a variable rate security.	Record 1	631-635	5	N PIC 9(02)V9(03)	BSEC DISP RATE CPN FLR:	
COUPON RATE MAXIMUM SIGN	Indicates the sign for the numeric value in the next field COUPON RATE MAXIMUM.	Record 1	636-636	1	AN PIC X(01)		
COUPON RATE MAXIMUM	The maximum coupon rate for a variable rate security.	Record 1	637-641	5	N PIC 9(02)V9(03)	BSEC DISP RATE CPN CEIL:	
COUPON TYPE CODE	Three-character alpha code indicating the type of coupon security.	Record 1	642-644	3	AN PIC X(03)	BSEC DISP RATE CPN TYPE:	ADJ Adjustable CCA Convertible Capital Appreciation FIX Fixed Rate Coupon FLT Floating FLX Flexible INV Inverse Floating RMT Remarketed STP Step VAR Variable ZER Zero Coupon

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COUPON FORMULA TEXT	Variable-character text string specifying the formula used to calculate the variable rate of the issue.	Record 1	645-684	40	AN PIC X(40)	BSEC DISP RATE FORMULA TEXT:	
COUPON FORMULA EFFECTIVE DATE	The date when the coupon based on the coupon formula went into effect.	Record 1	685-692	8	YYYYMMDD PIC X(08)	BSEC DISP RATE [OLDEST] CPN EFF DATE	
COUPON FORMULA BENCHMARK SEQUENCE NUMBER	Four-character system-generated number with leading zeros identifying the sequence number of the coupon benchmark. 1 of 3 fields	Record 1	693-696	4	N PIC 9(04)		
COUPON FORMULA BENCHMARK	Variable-character alphanumeric code identifying the benchmark associated with the coupon reset of the issue. The Benchmark Abbreviation (BENABBR) is described in the FT Interactive SIRS Reference Manual (www.interactivedata-prd.com). 1 of 3 fields	Record 1	697-704	8	AN PIC X(08)	BSEC DISP RATE BENCHMARK:	

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COUPON FORMULA BENCHMARK SEQUENCE NUMBER	Four-character system-generated number with leading zeros identifying the sequence number of the coupon benchmark. 2 of 3 fields	Record 1	705-708	4	N PIC 9(04)		
COUPON FORMULA BENCHMARK	Variable-character alphanumeric code identifying the benchmark associated with the coupon reset of the issue. The Benchmark Abbreviation (BENABBR) is described in the FT Interactive SIRS Reference Manual (www.interactivedata-prd.com). 2 of 3 fields	Record 1	709-716	8	AN PIC X(08)	BSEC DISP RATE BENCHMARK:	
COUPON FORMULA BENCHMARK SEQUENCE NUMBER	Four-character system-generated number with leading zeros identifying the sequence number of the coupon benchmark. 3 of 3 fields	Record 1	717-720	4	N PIC 9(04)		

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COUPON FORMULA BENCHMARK	Variable-character alphanumeric code identifying the benchmark associated with the coupon reset of the issue. The Benchmark Abbreviation (BENABBR) is described in the FT Interactive SIRS Reference Manual (www.interactivedata- prd.com). 3 of 3 fields	Record 1	721-728	8	AN PIC X(08)	BSEC DISP RATE BENCHMARK:	
DEFAULT TYPE CODE	One-character alpha code indicating if the default by an issuer is actual/monetary or technical.	Record 1	729-729	1	AN PIC X(01)	BSEC DISP REDS DEFAULT TYPE:	[space] Not applicable A Actual default T Technical default
DEFAULT DATE	The date of actual/monetary or technical default.	Record 1	730-737	8	YYYYMMDD PIC X(08)	BSEC DISP REDS DEFAULT DATE:	
CALL FREQUENCY CODE	One-character alpha code indicating the period at which continuously callable bonds may be called.	Record 1	738-739	2	AN PIC X(02)		[space] Not Applicable (blank on FBSI) A Any period B Bi-weekly M Monthly Q Quarterly T Any date Y Annually

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
MAKE WHOLE INDICATOR	One-character alpha code indicating whether a bond has a make whole call provision allowing the borrower to pay off remaining debt early.	Record 1	740-740	1	AN PIC X(01)	BSEC DISP REDS MAKE WHOLE CALL:	N Bond does not have a make whole call provision Y Bond has a make whole call provision
EXTRAORDINARY CALL INDICATOR	One-character alpha code indicating the issuer is required to redeem a security upon certain circumstances.	Record 1	741-741	1	AN PIC X(01)	BSEC DISP REDS EXTRAORDINARY REDEMPTION:	[space] Not applicable N No extraordinary call requirement Y Issue has extraordinary call requirement

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
MUNICIPAL REDEMPTION TYPE CODE	One-character alpha code indicating the type of early redemption associated with the debt instrument.	Record 1	742-742	1	AN PIC X(01)	BSEC DISP REDS REDEMPTION TYPE:	A ESCROWED TO MATURITY BY MUNI FORWARD B PRE-REFUNDED BY MUNI FORWARD C CALLED D CALL DUE TO DEFAULT E ESCROW TO MATURITY F CALLED BY MUNI-FORWARD I ESCROW AS TO INTEREST ONLY J ESCROW AS TO PRINCIPAL ONLY L PRE-REFUNDED PENDING SALE M ESCROWED TO MATURITY PENDING SALE O PARTIAL CALL P PRE-REFUNDED R REMARKETED T TENDERED W ESCROW TO CONV DATE X CROSS-OVER REFUNDED Y PARTIALLY PRE- REFUNDED Z CROSS OVER REFUNDED - ESCROWED TILL REFU
MUNICIPAL REDEMPTION TYPE - LONG DESCRIPTION	Variable-character alpha description of the value in MUNICIPAL REDEMPTION TYPE CODE.	Record 1	743-772	30	AN PIC X(30)	BSEC DISP REDS REDEMPTION TYPE:	

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Lngth	Format	On-Line Reference	Possible Values
MANDATORY PUT DATE	The date at which the holder must surrender the security to the issuer or its agent (e.g., a tender agent) for purchase.	Record 1	773-780	8	YYYYMMDD PIC X(08)		
MANDATORY PUT PRICE SIGN	Indicates the sign for the numeric value in the next field MANDATORY PUT PRICE.	Record 1	781-781	1	AN PIC X(01)		
MANDATORY PUT PRICE	The price at which the holder must surrender the security to the issuer or its agent (e.g., a tender agent) for purchase.	Record 1	782-789	8	N PIC 9(03)V9(05)		
NEXT CALL DATE	The date of the next scheduled call or pre-refunding.	Record 1	790-797	8	YYYYMMDD PIC X(08)	BSEC DISP REDS NEXT CALL:>DATE	
NEXT CALL PRICE SIGN	Indicates the sign for the numeric value in the next field NEXT CALL PRICE.	Record 1	798-798	1	AN PIC X(01)		
NEXT CALL PRICE	The price of the next scheduled call or pre-refunding.	Record 1	799-808	10	N PIC 9(05)V9(05)	BSEC DISP REDS NEXT CALL:>PRICE	

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Lngth	Format	On-Line Reference	Possible Values
FIRST PAR CALL DATE	The date of the first par call or pre-refunding.	Record 1	809-816	8	YYYYMMDD PIC X(08)	BSEC DISP REDS NEXT PAR CALL:>DATE	
FIRST PAR CALL PRICE SIGN	Indicates the sign for the numeric value in the next field FIRST PAR CALL PRICE.	Record 1	817-817	1	AN PIC X(01)		
FIRST PAR CALL PRICE	The price of the first par call or pre-refunding.	Record 1	818-827	10	N PIC 9(05)V9(05)	BSEC DISP REDS NEXT PAR CALL:>PRICE	
NEXT PUT PRICE SIGN	Indicates the sign for the numeric value in the next field NEXT PUT PRICE.	Record 1	828-828	1	AN PIC X(01)		
NEXT PUT PRICE	The price of the next scheduled put.	Record 1	829-838	10	N PIC 9(05)V9(05)		
NEXT PUT DATE	The date of the next scheduled put.	Record 1	839-846	8	YYYYMMDD PIC X(08)		

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
CALL NOTIFICATION MINIMUM	The minimum number of days prior to redemption that notice must given to bondholders.	Record 1	847-849	3	AN PIC X(03)	BSEC DISP REDS MIN CALL NOTICE:	
CONTINUOUSLY CALLABLE EFFECTIVE DATE	The date a continuously callable bond is first callable.	Record 1	850-857	8	YYYYMMDD PIC X(08)	BSEC DISP REDS CONT CALL EFF DATE:	
NEXT SINK DATE	The date of the next scheduled sinking fund. If the next scheduled types are both Mandatory and Optional, only the Mandatory schedule date will appear here.	Record 1	858-865	8	YYYYMMDD PIC X(08)	BSEC DISP REDS NEXT SINK:>DATE	
NEXT SINK TYPE	The type of the next scheduled sinking fund.	Record 1	866-866	1	AN PIC X(01)		[space] No sink schedule M Mandatory O Optional
NEXT SINK PRICE SIGN	Indicates the sign for the numeric value in the next field NEXT SINK PRICE.	Record 1	867-867	1	AN PIC X(01)		

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
NEXT SINK PRICE	<p>The price of the next scheduled sinking fund.</p> <p>If the next scheduled types are both Mandatory and Optional, only the Mandatory schedule price will appear here.</p>	Record 1	868-877	10	N PIC 9(05)V9(05)	BSEC DISP REDS NEXT SINK:>PRICE	
NEXT SINK AMOUNT SIGN	Indicates the sign for the numeric value in the next field NEXT SINK AMOUNT.	Record 1	878-878	1	AN PIC X(01)		
NEXT SINK AMOUNT	<p>The dollar amount of the next scheduled sinking fund.</p> <p>If the next scheduled types are both Mandatory and Optional, only the Mandatory schedule amount will appear here. The size of this field is scheduled to be expanded by one byte in the next release.</p>	Record 1	879-886	8	N PIC 9(06)V9(02)	BSEC DISP REDS NEXT SINK:>AMOUNT	
AUCTION RATE PREFERRED INDICATOR	One-character alpha code indicating whether the security dividend is determined by Dutch auction.	Record 1	887-887	1	AN PIC X(01)	BSEC DISP AUCTION RTE PFD	<p>[space] Not an auction rate preferred security</p> <p>N Not an auction rate preferred security</p> <p>Y Issue is an auction rate preferred security</p>

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
VARIABLE RATE INDICATOR	One-character alpha code indicating a security that pays holders at a variable rate. FBSI BSEC DISP CPN TYPE = ADJ, FLT, FLX, INV or VAR	Record 1	888-888	1	AN PIC X(01)	BSEC DISP CPN TYPE	[space] Not a variable rate security N Not a variable rate security Y Variable rate security
UIT FUND FAMILY CODE	Four-character alpha code indicating the UIT fund family.	Record 1	889-892	4	AN PIC X(04)	BSEC DISP UIT FAMILY	
UIT FUND FAMILY SPONSOR	Variable-character alpha code identifying the UIT fund sponsor.	Record 1	893-898	6	AN PIC X(06)	BSEC DISP UIT SPONSOR	
UIT FUND FAMILY NUMBER	Four-character numeric code identifying the UIT fund family.	Record 1	899-902	4	AN PIC X(04)	BSEC DISP UIT FUND	
REDEMPTION CALL INDICATOR	One-character alpha code indicating if the issue is callable.	Record 1	903-903	1	AN PIC X(01)	BSEC DISP CALL/PUTTABLE	[space] Issue is not callable N Issue is not callable Y Issue is callable
REDEMPTION PUT INDICATOR	One-character alpha code indicating if the issue is puttable.	Record 1	904-904	1	AN PIC X(01)	BSEC DISP CALL/PUTTABLE	[space] Issue is not puttable N Issue is not puttable Y Issue is puttable

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
OPTION CONTRACT ID	Variable-character alphanumeric identifying the option contract symbol as published by the Options Clearing Corp.	Record 1	905-910	6	AN PIC X(06)	BSEC DISP OPTN CONTRACT SYMBOL	
OPTION SYMBOL ID	Variable-character alphanumeric identifying the option contract and its characteristics as defined by the Options Clearing Corp. This field joins the component fields OPTION CONTRACT ID, OPTION EXPIRATION DATE, OPTION CALL PUT INDICATOR and OPTION STRIKE PRICE. This field can be empty for expired options (BSEC DISP OPTN EXPANDED SYMBOL is empty) and the component fields may still contain data. Fraction zeros are removed.	Record 1	911-940	30	AN PIC X(30)	BSEC DISP OPTN EXPANDED SYMBOL	
OPTION CALL PUT INDICATOR	One-character alpha code indicating whether the option contract is a call or put option.	Record 1	941-941	1	AN PIC X(01)	BSEC DISP OPTN CALL /PUT (C,P)	C Call P Put
CONVERSION RATIO SIGN	Indicates the sign for the numeric value in the next field CONVERSION RATIO.	Record 1	942-942	1	AN PIC X(01)		- Negative + Positive

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
CONVERSION RATIO	A ratio that indicates the number of shares that may be obtained by exchanging a convertible security, right or option.	Record 1	943-948	6	N PIC 9(03)V9(03)	BSEC DISP CONV CONV RATIO	
PRIMARY EXCHANGE	The organization that acts as the primary location through which the security is traded. This is the same code (with leading zero) as PRIMARY EXCHANGE located at Position 187-187.	Record 1	949-950	2	AN PIC X(02)	BSEC PRIME EXCHANGE	1 NYSE (New York Stock Exchange) 2 NYSE Alternext/ASE (American Stock Exchange) 3 PBW (Philadelphia Stock Exchange) 4 OTC (Non-NSCC) 5 Other (Regional) 6 CHX (Chicago Stock Exchange) 7 CBOE (Chicago Board Options Exchange) 8 NASDAQ (National Association of Securities Dealers Automated Quotations) 9 ARCA (Pacific) V IEX (Investors Exchange) Z BATS (Better Alternative Trading System)
TRADABLE FLAG	Indicates if a security may be traded.	Record 1	951-951	1	AN PIC X(01)	BSEC TRADEABLE	N Not tradeable Y Tradeable

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Length	Format	On-Line Reference	Possible Values
CALL DEFEASED INDICATOR	One-character alpha code indicating the call schedule is defeased (cancelled).	Record 1	952-952	1	AN PIC X(01)	BSEC DISP REDS CALL DEFEASED:	[space] Not applicable D Not disclosed N Calls are not defeased Y Calls are defeased
SINK DEFEASED INDICATOR	One-character alpha code indicating the sink schedule is defeased (cancelled).	Record 1	953-953	1	AN PIC X(01)	BSEC DISP REDS SINK DEFEASED:	[space] Not applicable D Not disclosed N Sinks are not defeased Y Sinks are defeased
BANK QUALIFIED INDICATOR	One-character alpha code indicating the issue is bank-qualified as defined by section 265(b) of the Internal Revenue Code.	Record 1	954-954	1	AN PIC X(01)	BSEC DISP MISC BANK QUAL	[space] Not applicable N Not bank-qualified U Unknown Y Bank-qualified
ALTERNATIVE INVESTMENT INDICATOR	One-character alpha code indicating the security is an Alternative Investment.	Record 1	955-955	1	AN PIC X(01)	BSEC DISP AI ALT INVS	[space] Not applicable N Not an Alternative Investment Y Alternative Investment
CALLABLE DATE	The date the security is projected to be called. The dates in the field may be inaccurate.	Record 1	956-963	8	YYYYMMDD PIC 9(08)	BSEC DISP CLPT DATE	

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Lngh	Format	On-Line Reference	Possible Values
MARGIN CODE	Identifies a security as being margin eligible.	Record 1	964-964	1	AN PIC X(01)	BSEC DISP MARGIN	N Not margin-eligible Y Margin-eligible
MARGIN PRICE EFFECTIVE DATE	The date on which a non-market price is established to value customers' portfolios; specifically margin accounts.	Record 1	965-970	6	YYMMDD PIC 9(06)		
MARGIN PRICE EXPIRE DATE	The date on which a non-market price is no longer used to value customers' portfolios; specifically margin accounts.	Record 1	971-976	6	YYMMDD PIC 9(06)		
STRIKE PRICE	The predetermined exercise price of a convertible, put or call option or warrant.	Record 1	977-987	11	N PIC 9(06)V9(05)	BSEC OPTN BSEC CONV	
WORTHLESS SECURITY INDICATOR	One-character alpha code indicating the security is worthless (Issuer Status = X NO STOCKHOLDER EQUITY)	Record 1	988-988	1	AN PIC X(01)	BSEC DISP STATUS	[space] Not applicable Y No stockholder equity
INTEREST POSTING CODE	One-character alpha code indicating whether the security pays interest as cash or reinvestment.	Record 1	989-989	1	AN PIC X(01)		

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Lngh	Format	On-Line Reference	Possible Values
DEBT MATURITY DATE	Indicates the date on which a bond matures. Defaults to zeros.	Record 1	990-997	8	YYYYMMDD PIC X(08)	BSEC MATURITY DATE	
LAST CHANGED DATE	Indicates the date that the security was last updated.	Record 1	998-1003	6	YYMMDD PIC X(06)	BSEC LAST CHANGE DATE	
MONEY MARKET FUND DESIGNATION	One-character alpha code indicating the type of money market fund as defined under SEC Money Market Reform rule amendments of 2014.	Record 1	1004-1004	1	AN PIC X(01)	BSEC DISP MMKT FUND DESGN:	[space] Not a Money Market Fund G Government I Institutional O Other R Retail
FILLER	FILLER - Internal use only.	Record 1	1005-1006	2	AN PIC X(02)		

Field Name	Business Definition / Processing Guidelines	Rec #	Pos	Lngh	Format	On-Line Reference	Possible Values
MATURITY VALUE LINKED CODE	One-character alpha code identifying the type of security or market indicator to which this security at maturity is linked.	Record 1	1007- 1008	2	AN PIC X(02)	BSEC DISP DATA MTY VAL LNK	[space] Not applicable A SECURITY-LINKED B INDEX-LINKED C COMMODITY-LINKED D CURRENCY-LINKED E UNKNOWN F CREDIT-LINKED Z OTHER SITUATION
FILLER	FILLER - Internal use only.	Record 1	1009- 1300	292	AN PIC X(292)		