

CF2/MQ TRANSMISSION GUIDES

13.06 MONEY MARKET INSTRUMENTS ELIGIBLE CUSIP MASTER FILE (MMIECM) FUNCTION USER'S GUIDE

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1. THE MMIECM AND MMIECU FUNCTIONS

1.1 Overview

A CF2 user may request the MMIECM function to receive DTC's MMI eligible CUSIP master file, and the MMIECU function to receive DTC's daily updates to the eligible CUSIP master file.

DTC creates two MMI eligible CUSIP files daily. One is a master file (MMIECM) containing information for all MMI CUSIPs that will be eligible for processing by DTC on the following business day (i.e., the date indicated in the CCF or CF2 Header Record). The second file (MMIECU) is an update file containing information for all MMI CUSIPs that were added, deleted or changed from the previous day's master file. It is expected that the MMIECU daily update file will contain a fraction of the entire master file.

A CF2 user requesting the MMIECM function will receive a file of machine-readable records that can be used to create his own master file. The MMIECU function can then be requested on a daily basis to receive a file of machine-readable records that can be used to update the User's master file, keeping it synchronous with DTC's master file. This will minimize transmission time and expense.

1.2 Availability of MMIECM and MMIECU

The MMIECM and MMIECU functions will generally be available from approximately 11:00 p.m. to 4:30 p.m. (Eastern Time) the next day.

2. MMIECM AND MMIECU RECORD INFORMATION

The MMIECM and MMIECU files are available via CCF and CF2. Users requesting MMIECM or MMIECU via CCF will normally receive a file comprised of a CCF Header Record followed by all the MMIECM Eligible CUSIP or MMIECU Eligible CUSIP records.

Users requesting MMIECM or MMIECU via CF2 will receive a file comprised of CF2 Header and Trailer Records separated by all the MMIECM Eligible CUSIP or MMIECU Eligible CUSIP records.

The CCF Header Record, CF2 Header and Trailer Records, MMIECM Eligible CUSIP record and MMIECU Eligible CUSIP record are described on the following pages.

2.1 The CCF Header Record

NDM users executing NDMDTF01, NDMDTFGP, or NDMDTFSP will receive the following CCF Header record.

The CCF header record's format is as follows:

CCF Header Record Format				
Position	Length	Format	Field Name	Field Description
1	6	Character	Data Type Requested	MMIECM and MMIECU
7	6	Character	Data Type Created	MMIECM and MMIECU
13	8	Character	Creation Date	Date of data (MM/DD/YY).
21	8	Character	Spool Date	DTC data load date (MM/DD/YY).
29	8	Character	Load Time	DTC data load time (HH:MM:SS).
37	2	Binary	Record Size	Size of each data record.
39	4	Binary	Block Count	Number of data blocks input to CCFDTFDB.
43	4	Binary	Record Count	Number of data records.
47	???	Character	Filler	DTC use only. Do not use.

2.2 The CF2 Header and Trailer Records

The CF2 Header and Trailer records come in two different formats; NDM and FTP.

Note:

Header and Trailer records are identical except for the first and last field of each record.

2.2.1 NDM – CF2 Header and Trailer Records

NDM users executing NDMDTF02 or NDMDTFGH will receive the following:

CF2 Header and Trailer Record Format - NDM				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record ID	"HDR" or "TRL"
4	4	Character	Signon ID	Signon ID
8	6	Character	Data Type Requested	MMIECM and MMIECU
14	6	Character	Data Type Created	MMIECM and MMIECU
20	8	Character	Creation Date	Data Creation Date (MM/DD/YY)
28	8	Character	Spool Date	Data Load Date (MM/DD/YY)
36	8	Character	Load Time	Data Load Time (HH:MM:SS)
44	4	Numeric	Record Length	Record Length of data requested
48	8	Numeric	Record Count	Number of data records in file.
56	4	Numeric	80-Byte Record Count	Number of 80-byte records per data type requested. (0001)
60	???	Character	Filler	DTC use only. Do not use.

2.2.2 FTP - CF2 Header and Trailer Records

FTP users will get the following:

CF2 Header and Trailer Record Format - FTP				
Position	Length	Format	Field Name	Field Description
1	3	Character	Record ID	"HDR" or "TRL"
4	8	Character	Sign-on ID	Sign-on ID
12	6	Character	Data Type Requested	MMIECM and MMIECU
18	6	Character	Data Type Created	MMIECM and MMIECU
24	8	Character	Creation Date	Data Creation Date (MM/DD/YY)
32	8	Character	Spool Date	Data Load Date (MM/DD/YY)
40	8	Character	Load Time	Data Load Time (HH:MM:SS)
48	4	Numeric	Record Length	Record Length of data requested
52	8	Numeric	Record Count	Number of data records in file.

60	4	Numeric	80-Byte Record Count	Number of 80-byte records per data type requested. (0001)
64	???	Character	Filler	DTC use only. Do not use.

3. THE MMIECM AND MMIECU ELIGIBLE CUSIP RECORD

The format of MMIECM and MMIECU Eligible CUSIP records appears below. Position 27 of the record indicates the MMI data type. The data type for MMIECM records is always M. The data type for MMIECU records is A, D or U.

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
POS 1–26 TRANSACTION HEADER				
1	1	Character	Feedback Indicator	A constant "***". Indicates an output message in the new format.
2	1	Character	Production/Test Indicator	A constant "P". Indicates a Production system message.
3	6	Character	Record Type	A constant indicating the name of this function. MMIECM = MMI Eligible CUSIP Master File MMIECU = MMI Eligible CUSIP Update File.
9	2	Character	Record Suffix	A constant "01".
11	2	Numeric	Version Number	Data format version. For this release a constant "01".
13	6	Character	User Reference Number	Constant spaces.
19	8	Character	Addresses ID	The ID of the participant or other entity for whom this transaction was created.
27	1	Character	Data Type	Indicates the type of update, or that this is a Master record. M = Master File record (no update) A = Add D = Delete U = Update

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
28	3	Character	MMI Issue	MMI CUSIP sub issue type. 120 = Preferred Stock (PFD/CP) in CP- like mode 320 = Municipal VRDO/CP 330 = Municipal Commercial Paper 502 = Bankers' Acceptance (BA) 504 = Institutional Certificate of Deposit (CD) 525 = Corporate Commercial Paper 526 = Corporate VRDO/CP 530 = Medium-Term Notes (MTN) 531 = Deposit Notes 532 = Medium-Term Bank Notes 533 = Medium-Term Note 550 = Short-Term Bank Notes 560 = Discount Notes
31	20	Character	MMI Description	MMI Eligible CUSIP description.
51	1	Character	MMI Income Rate Type	Indicates if the Income Rate is fixed or variable. F = Fixed Rate V = Variable
52	1	Character	MMI Income Payment Type	Indicates the type of income structure. P = Periodic income payments (PIP). I = Income at maturity only (IAM). D = Discount.
53	9	Character	MMI Eligible CUSIP	A unique identifier assigned to the MMI security.
62	1	Character	EX-DTC Issuance Deposit Indicator	Indicates if the security being deposited by means of an MMI issuance instruction was in existence (EX-DTC) prior to submission of the issuance instruction. N = No Y = Yes
63	8	Character	MMI Dated Date	The date from which the first income payment accrues. Format is <i>CCYYMMDD</i> .
71	8	Character	MMI Maturity Date	The date on which the maturity proceeds are due and payable. If the Extendable Maturity Ind (Pos 104) = "Y" then the maturity is Original Maturity, else when the Extendable Maturity Ind = "N", this field reflects Final Maturity Date. Format is <i>CCYYMMDD</i> .

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
79	9	Character	Minimum Denomination	The MMI minimum face value any investor may buy or sell the security as stated in the security prospectus.
88	9	Character	Incremental Denomination	Amount or incremental number of Shares for the Security issue.
97	1	Character	Indexed Principal Indicator	Indicates if the principal payments are determined via a specific index (e.g., foreign currency or commodity price). N = No Y = Yes
98	1	Character	Periodic/Amortizing Principal Indicator	Indicates if the security has periodic amortization of principal payments. N = No Y = Yes
99	3	Character	Foreign Currency Code ID	Indicates the specific currency that MMI is denominated in. Must be a valid ISO (International Standards Organization) currency code. See Appendix A on page 26.
102	1	Character	Repayment (PUT) Option Indicator	Indicates whether this is a puttable bond. N = No Y = Yes
103	1	Character	CALL Indicator	Indicates whether the security has a CALL feature (i.e., if the program issuer has the option or obligation to fully redeem the issue prior to maturity). N = No Y = Yes
104	1	Character	Extendable Maturity Indicator	Indicates whether the MMI has an extendable maturity provision (i.e., if the program provides for fixed or variable rate issues where the issuer has a one-time option to extend the maturity date, and holders have the option to tender to the issuer their holdings for repayment of principal). N = No Y = Yes

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
105	1	Character	Renewable Note Indicator	Indicates whether the security is renewable (i.e., if the program provides for floating rate issues where prior to final maturity date, the maturity on each owner's holding will be automatically extended unless the owner elects to exchange the renewable note for a short term note). N = No Y = Yes
106	1	Character	Taxable Indicator	Indicates if the income on issues is taxable under federal tax laws. N = No Y = Yes
107	9	Character	MMI Income Rate	The rate of income earned for Fixed Rate issues; The discount rate for a Zero Coupon Bond; The 1st payment rate for Variable Rate Periodic Income Payments. (6 decimal positions are implied.)
116	2	Character	Income Calculation Formula Type	Indicates the type of formula to be used for calculating income payments. 01 = Actual Days elapsed/360-day year 02 = 30 Day Month/360-day year 03 = Actual Days elapsed/Actual Days 04 = DTC IAM CP Formula 05 = Actual Days/365 06 = Actual Days/366 Note: If the MMI issuance instruction specifies Actual Days/365 or 366, DTC will translate to Actual Days/366 when the dated date falls in a Leap Year.
118	1	Character	Income Payment Frequency Interval Type	Indicates the periodic income payment frequency type (units of measure). Y = Year M = Month W = Week D = Day

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
119	3	Character	Income Payment Frequency Interval Number	In conjunction with income payment frequency interval type indicates periodic income payment frequency (e.g., a payment interval number of 90 with a payment interval type of D[ays] = 90 days). Default = spaces.
122	4	Character	Targeted First Income Payment Date	The date the holder of the security is targeted to receive the first income payment account at the end of the day. Format is <i>MMDD</i> .
126	1	Character	Income Payment Accrual Period Method Type	Indicates the method for calculating the number of days in the income accrual period. A = Actual payment to actual payment. T = Targeted payment to targeted payment.
127	1	Character	Income Payment Accrual Period Measure Type	Indicates the type of payable date accrual that will be used to determine the number of days in the income payment calculation. R = record-to-record date. P = payable-to-payable date.
128	4	Character	Income Payment 1st Record Date	The date on which holders of record are determined for the first income payment. Format is <i>MMDD</i> . Note: This field and the Income Payment Payable/Record Date Difference field are mutually exclusive.
132	4	Character	Income Payment 2nd Record Date	The date on which holders of record are determined for the second income payment. Format is <i>MMDD</i> . Note: This field and the Income Payment Payable/Record Date Difference field are mutually exclusive.
136	3	Character	Income Payment Payable/Record Date Difference	(# of days record date precedes pay date): The total number of days that record date precedes the targeted income payment date. Note: This field and the First and Second Income Payment Record Date fields are mutually exclusive.

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
139	1	Character	Income Payment Business/Calendar Indicator	Identifies the calendar to be used for computing the number of days for payment, or the record date if the previous field is used. B = Business Days C = Calendar Days
140	1	Character	Income Payment Weekend/Holiday Indicator	Identifies whether to use the day before or the day after if the record date is a holiday or weekend. A = After B = Before
141	1	Character	Income Rate Reset Interval Type	In conjunction with the Income Rate Reset Interval Number, to indicate the length of time used to reset the rate. Y = Year M = Month W = Week D = Day
142	3	Character	Income Rate Reset Interval Number	In conjunction with the Income Rate Reset Interval Type, this field is used for determining the periodic rate change (e.g., a rate reset interval number of 90 with a rate reset interval type of "D" (days) indicates a rate reset every 90 days).
145	1	Character	London Calendar Income Payment Indicator	Indicates if the security's income payments are indexed to the London calendar. N = No Y = Yes
146	1	Character	Income Payment Index Maturity Interval Type	The time length of the index used to reset the index. Y = Years M = Months W = Weeks D = Days
147	2	Character	Income Payment Index Maturity Interval Number	The number of index maturity units (00-99) representing the length of time used to reset the index in conjunction with the Income Payment Index Maturity Interval Type (e.g., if Index Maturity Interval Type is "D" (days) and Index Maturity Interval Number is 90, the index is reset every 90 days).

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
149	1	Character	Income Payment Percentage Spread Sign Type	The sign of the percentage spread (either '+' or '-') indicating whether the spread is added to (+) or subtracted from (-) the index's value when calculating variable interest rate.
150	9	Character	Income Payment Spread Percentage	The percentage amount that is added to or subtracted from the index's value when calculating the variable interest rate. (6 decimal positions are implied.)
159	2	Character	Income Payment Day of Month (DOM)	In conjunction with the Income Payment DOM Business/Calendar Indicator, this field will determine the income payment day (e.g., 1 thru 31).
161	1	Character	Income Payment DOM Business/Calendar Indicator	In conjunction with the Income Payment Day of Month field, this field will determine the income payment day. B = The day of month count is Business Days C = The day of month count is Calendar Days (e.g., If Payment Business/Calendar Indicator is C, Payment Day of the Month is 1, Payment Interval Type is "M" and Payment Interval Number is 6, then Income Payments are made every 6 months on the first Calendar Day of the Income Payment Month).
162	1	Character	Income Payment Week of Month (WOM)	In conjunction with the Income Payment Day of Week field, this field will determine the income payment Week of the Month. 1 = First week 2 = Second week 3 = Third week 4 = Fourth week
163	2	Character	Income Payment Day of Week (DOW)	In conjunction with the Income Payment Week of Month field, this field will determine the income payment Day Of the Week (e.g., if Income Payment Day Of Week is "01" (Monday), and Income Payment Week of Month is "1", the Income Payments are made on the first Monday of every month.) 01 = Monday 02 = Tuesday 03 = Wednesday 04 = Thursday 05 = Friday

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
165	1	Character	Principal Payment Frequency Interval Type	In conjunction with the Principal Payment Frequency Interval Number, this field is used for determining periodic principal payment frequency. Y = Years M = Months W = Weeks D = Days
166	3	Character	Principal Payment Frequency Interval Number	In conjunction with the Principal Payment Frequency Interval Type, this field is used for determining periodic principal payment frequency (e.g., a payment interval amount of 90 with a payment interval type of D[ays] indicates payment every 90 days).
169	1	Character	Repayment Frequency Option Type	Frequency of repayment option. 1 = Annual 2 = Semi-annual 3 = Bi-monthly 4 = Quarterly 5 = Bi-annually 8 = Monthly I = Irregular O = One Time Only U = Undefined **Available only if Repayment Put Option Indicator (Position 102) = Y.
170	4	Character	Start Date of 1 st Tender Period	The first tender period's start date. Format is <i>MMDD</i> .
174	4	Character	End Date of 1 st Tender Period	The first tender period's end date. Format is <i>MMDD</i> .
178	4	Character	Pay Date of 1 st Tender Period	The first tender period's pay date. Format is <i>MMDD</i> .
182	4	Character	End Date of Last Tender Period	The last tender period's end date. Format is <i>MMDD</i> .
186	8	Character	1st Call Date	The first date the security can be called. Format is <i>CCYYMMDD</i> .
194	6	Character	Call Price Percentage	The Percentage of par paid if the security is called on the first call date. (3 decimal positions are implied.)

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
200	1	Character	London Calendar Principal Payment Indicator	Indicates if the security's principal payments are indexed to the London calendar. (Y or N)
201	2	Character	Settlement Days Principal Payment After Maturity Date	The number of days after the maturity date that the final principal payment will be made.
203	1	Character	Final Principal Payment Calendar/Business Day Indicator	Identifies the Calendar to be used for computing the number of days for the final principal payment. B = Business Days C = Calendar Days.
204	2	Character	Settlement Days Income Payment After Maturity Date	The number of days after the maturity date that the final income payment will be made.
206	1	Character	Final Income Payment Calendar / Business Day Indicator	Identifies the Calendar to be used for computing the number of days for the final income payment. B = Business Days C = Calendar Days.
207	1	Character	Issuance Type	Identifies the specific type of MMI being issued. It must be an authorized issuance MMI type for the issuer number. This is established by DTC's Underwriting Department prior to the submission of the issuance instruction. Values include: A = Institution Cert. of Deposit B = Corporate Commercial Paper- new C = Corporate VRDO in CP Mode E = Muni Commercial Paper-Tax Exempt F = Muni Commercial Paper-Taxable G = Muni CP-tax Exempt VRDO/CP mode H = Muni CP-Taxable VRDO in CP mode J = Medium-Term Note K = Deposit Note, Medium-Term L = Bank Note, Medium-Term N = Bank Note, Short-Term O = Discount Note P = Preferred Stock in CP-like mode Q = Bankers' Acceptance.

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
208	1	Character	Foreign Currency Indicator	Indicates if the security is denominated in a currency other than USD (US Dollars.) N = No Y = Yes
209	1	Character	US Dollar Payment Option Indicator	Indicates if the income and/or principal payments must be made in the foreign currency the issue is denominated in. If not applicable, field is blank. N = No Y = Yes
210	1	Character	Changeable Income Payment Frequency Indicator	Indicates if the security has a feature allowing a change in the frequency of income payments. N = No Y = Yes
211	1	Character	Repayment (Put) Upon Death Indicator	Indicates if the bond can be redeemed if the holder of the securities dies. N = No Y = Yes
212	1	Character	Income Rate Reset Indicator	Indicates if the spread or spread multiplier for a variable rate security can be reset at the option of the Issuer or for a fixed rate security if the fixed rate can be reset. N = No Y = Yes
213	1	Character	Income Step-up Rate Indicator	Indicates if the issue being made eligible can have its income rate reset one other time during its life. N = No Y = Yes
214	9	Numeric	Income Step-up Rate	Identifies the income rate for the issue on the effective date of income rate change. (6 decimal positions implied.)
223	15	Numeric	Income Payment per \$1,000 (1st Payment/At Maturity)	The dollar amount earned per \$1,000 face amount to be paid on the first income payment date. (6 decimal positions implied.)
238	8	Numeric	First Actual Income Payment Date	Date the holder of the security will receive the first income payment based on evaluating the Targeted First Income Payment Date against the US and London Calendars for a valid payment date. Format is CCYYMMDD.
246	72	Character	Variable Rate Income Index Name - Part 1	Identifies the name of the index on which the income payment will be based (first part of name).

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
318	72	Character	Variable Rate Income Index Name - Part 2	Identifies the name of the index on which the income payment will be based (second part of name).
390	8	Numeric	First Targeted Principal Payment Date	Date the holder of the security is targeted to receive the first principal payment. For is CCYYMMDD.
398	8	Numeric	First Actual Principal Payment Date	Date the holder of the security will receive the first principal payment based on evaluating the Targeted First Principal Payment Date against the US and London calendars for a valid payment date. Format is CCYYMMDD.
406	8	Numeric	First Principal Payment Record Date	The date of record for the first principal payment. This date and the Principal Payment Payable/Record Date Difference field are mutually exclusive. Format is CCYYMMDD.
414	2	Numeric	Principal Payment Payable/Record Date Difference	Total number of days that record date precedes targeted principal Payment date. This field and the First Principal Payment Record Date field are mutually exclusive.
416	1	Character	Principal Payment Business/Calendar Indicator	Identifies the Calendar to be used for computing the number of days for payment of the record date if the previous field is used. B = Business Days C = Calendar Days
417	1	Character	Principal Payment Weekend/ Holiday Indicator	Indicates whether to use the day before or the day after if the record date is a holiday. A = After B = Before
418	1	Character	Principal Payment Indexed Maturity Interval Type	In conjunction with the Principal Payment Indexed Maturity Interval Number, this field is used for determining reset frequency for the Principal Index. Y = Years M = Months W = Weeks D = Days
419	3	Numeric	Principal Payment Indexed Maturity Interval Number	In conjunction with the Principal Payment Indexed Maturity Interval Type, this field is used for determining reset frequency for the Principal Index (e.g., a rate reset amount of 90 with a rate reset unit type of D[ays] indicates a rate reset every 90 days).

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
422	1	Character	Principal Payment Spread Sign Type	Identifies the sign indicating the positive or negative spread percentage.
423	4	Character	Principal Payment Spread Percentage	Identifies the percentage spread from 0 to 100%. (3 decimal positions implied)
427	72	Character	Principal Index/Formula Name-Part 1	Identifies the first part of the name on which the principal payment is based (first part of name).
499	72	Character	Principal Index/Formula Name-Part 2	Identifies the second part of the name on which the principal payment is based (second part of name).
571	2	Numeric	Principal Payment Day of Month (DOM)	In conjunction with the principal Payment Day of Month (DOM) Business/Calendar Indicator, this field will determine the income payment day (e.g., 1 thru 31).
573	1	Character	Principal Payment Day of Month (DOM) Business/Calendar Indicator	In conjunction with the Principal Payment Day of Month filed, this field will determine the principal payment day. B = Business Days C = Calendar Days
574	1	Numeric	Principal Payment Week of Month (WOM)	In conjunction the principal Payment Day of Week field, this field will determine the principal payment frequency. 1 = First Week 2 = Second Week 3 = Third Week 4 = Fourth Week
575	1	Numeric	Principal Payment Day of Week (DOW)	In conjunction with the principal Week of Month field, this field will determine the principal payment frequency. 1 = Monday 2 = Tuesday 3 = Wednesday 4 = Thursday 5 = Friday
576	4	Character	Issuer Acronym	The DTC designation used to identify the MMI Issuer. Same as Stock Exchange or Over-The-Counter ticker symbol where available.
580	22	Character	Issuer Name	The name of the Issuer.
602	18	Character	Issuer Contact (1) Phone Number	The phone number of First Issuer contact.

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
620	48	Character	Issuer Contact (1) Name & Address	The Name and Address of First Issuer contact.
668	18	Character	Issuer Contact (2) Phone Number	The phone number of Second Issuer contact.
686	48	Character	Issuer Contact (2) Name & Address	The Name and Address of Second Issuer contact.
734	2	Character	State of Incorporation	The issuer's state of incorporation (For US issuers only).
736	3	Character	Country Code	ISO country code of the issuer. See Appendix A on page 26.
739	2	Character	Program Rank	The rank of the program. It identifies the priority of claims on assets compared to other debts.
741	1	Character	Program Type	DTC assigned designation identifying the section of the Securities Act of 1933 under which an MMI is exempt from SEC registration. "R" signifies registered program.
742	1	Character	Market Code	Identifies whether the program is publicly or privately placed, and the market in which it trades.
743	1	Character	Book-Entry/Global Code	A program that is also eligible in non- US depositories. BE or GL
744	8	Numeric	Trustee	Account number and name of entity named to protect the MMI holder's rights as specified in the indenture.
752	25	Character	Bond Description	The description of the long-term bond underlying a VRDO/CP program.
777	8	Character	Bond Maturity Date	The maturity date of the long-term bond underlying a VRDO/CP program.
785	12	Character	Bond CUSIP Number	The CUSIP number of the long-term bond underlying a VRDO/CP program.
797	15	Numeric	Liquidation Preference Amount	The principal amount per share of MMI Preferred Stock an investor would receive in the event of any voluntary or involuntary liquidation, dissolution or winding up of the business of the company that issued the stock. (2 decimal positions implied).
812	1	Character	Federally Charter Indicator	A bank organized as a national association to the US. (Y or N)

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
813	2	Character	Final Accrual Period Measure	Indicates if a CD or deposit note program's final payment period ends on its actual (A) or targeted (T) maturity date.
815	20	Character	Letter of Credit Bank Name	Name of issuer of credit or irrevocable revolving credit agreement backing an MMI issue.
835	60	Character	Comment Text	Text reserved for future use.
895	8	Numeric	Effective Date (1)	The date the change in payment frequency or income rate is in effect. Format is <i>CCYYMMDD</i> .
903	9	Numeric	New Income Rate % (1)	The new rate of income earned. (6 decimal positions implied.)
912	1	Character	New Income Payment Frequency Interval Type (1)	In conjunction with the New Income Payment Interval Number, this field is used for determining periodic income payment frequency. Y = Year M = Month W = Week D = Day
913	3	Character	New Income Payment Frequency Interval Number (1)	In conjunction with the New Income Payment Interval Type, this field is used for determining periodic income payment frequency (e.g., a payment interval number of 90 with a payment interval type of D[ays] indicates payment every 90 days).
916	8	Numeric	Effective Date (2)	The date the change in payment frequency or income rate is in effect. Format is <i>CCYYMMDD</i> .
924	9	Numeric	New Income Rate % (2)	The new rate of income earned. (6 decimal positions implied.)
933	1	Character	New Income Payment Frequency Interval Type (2)	In conjunction with the New Income Payment Interval Number, this field is used for determining periodic income payment frequency. Y = Year M = Month W = Week D = Day
934	3	Character	New Income Payment Frequency Interval Number (2)	In conjunction with the New Income Payment Interval Type, this field is used for determining periodic income payment frequency (e.g., a payment interval number of 90 with a payment interval type of D[ays] indicates payment every 90 days).

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
937	8	Numeric	Effective Date (3)	The date the change in payment frequency or income rate is in effect. Format is <i>CCYYMMDD</i> .
945	9	Numeric	New Income Rate % (3)	The new rate of income earned. (6 decimal positions implied.)
954	1	Character	New Income Payment Frequency Interval Type (3)	In conjunction with the New Income Payment Interval Number, this field is used for determining periodic income payment frequency. Y = Year M = Month W = Week D = Day
955	3	Character	New Income Payment Frequency Interval Number (3)	In conjunction with the New Income Payment Interval Type, this field is used for determining periodic income payment frequency (e.g., a payment interval number of 90 with a payment interval type of D[ays] indicates payment every 90 days).
958	8	Numeric	Effective Date (4)	The date the change in payment frequency or income rate is in effect. Format is <i>CCYYMMDD</i> .
966	9	Numeric	New Income Rate % (4)	The new rate of income earned. (6 decimal positions implied.)
975	1	Character	New Income Payment Frequency Interval Type (4)	In conjunction with the New Income Payment Interval Number, this field is used for determining periodic income payment frequency. Y = Year M = Month W = Week D = Day
976	3	Character	New Income Payment Frequency Interval Number (4)	In conjunction with the New Income Payment Interval Type, this field is used for determining periodic income payment frequency (e.g., a payment interval number of 90 with a payment interval type of D [days] indicates payment every 90 days).
979	8	Numeric	Effective Date (5)	The date the change in payment frequency or income rate is in effect. Format is <i>CCYYMMDD</i> .
987	9	Numeric	New Income Rate % (5)	The new rate of income earned. (6 decimal positions implied.)

Format of MMIECM and MMIECU Eligible CUSIP Record				
Position	Length	Format	Field Name	Field Description
996	1	Character	New Income Payment Frequency Interval Type (5)	In conjunction with the New Income Payment Interval Number, this field is used for determining periodic income payment frequency. Y = Year M = Month W = Week D = Day
997	3	Character	New Income Payment Frequency Interval Number (5)	In conjunction with the New Income Payment Interval Type, this field is used for determining periodic income payment frequency (e.g., a payment interval number of 90 with a payment interval type of D [days] indicates payment every 90 days).
1000	8	Numeric	Effective Date (6)	The date the change in payment frequency or income rate is in effect. Format is CCYYMMDD.
1008	9	Numeric	New Income Rate % (6)	The new rate of income earned. (6 decimal positions implied)
1017	1	Character	New Income Payment Frequency Interval Type (6)	In conjunction with the New Income Payment Interval Number, this field is used for determining periodic income payment frequency. Y = Year M = Month W = Week D = Day
1018	3	Character	New Income Payment Frequency Interval Number (6)	In conjunction with the New Income Payment Interval Type, this field is used for determining periodic income payment frequency (e.g., a payment interval number of 90 with a payment interval type of D [days] indicates payment every 90 days).
1021	1	Character	Exchangeable Indicator	Indicator of whether the issuance is Exchangeable Y = yes N = no
1022	2	Character	MMI-IRS-INCM-CD	MMI IRS Income code. Values are: <ul style="list-style-type: none"> • Spaces = Non-taxable • 01 = Interest Paid by US Obligors - General • 04 = Interest Paid by Foreign Corporations • 23 = Gross Income - Other • 29 = Deposit Interest
1024	177	Character	Filler	DTC use only; do not use

4. APPENDIX.

4.1 ISO Country and Currency Codes (in country-name order)

The only valid currency code for settlement locations of DTC, BRC, US, PTC, and FED is US Dollar (01 for end-of-day format or USD/USN for interactive format). Input of 01 in the old format converts to USD in the new output format.

ISO Country and Currency Codes

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Afghanistan	AF	AFG	4	Afghani	AFN	2
Albania	AL	ALB	8	Lek	ALL	2
Algeria	DZ	DZA	12	Algerian Dinar	DZD	2
American Samoa	AS	ASM	16	US Dollar	USD	2
Andorra	AD	AND	20	Euro	EUR	2
Angola	AO	AGO	24	Kwanza	AOA	2
Anguilla	AI	AIA	660	East Caribbean Dollar	XCD	2
Antarctica	AQ	ATA	10	No universal currency		
Antigua and Barbuda	AG	ATG	28	East Caribbean Dollar	XCD	2
Argentina	AR	ARG	32	Argentine Peso	ARS	2
Armenia	AM	ARM	51	Armenian Dram	AMD	2
Aruba	AW	ABW	533	Aruban Florin	AWG	2
Australia	AU	AUS	36	Australian Dollar	AUD	2
Austria	AT	AUT	40	Euro	EUR	2
Azerbaijan	AZ	AZE	31	Azerbaijan Manat	AZN	2
Bahamas (the)	BS	BHS	44	Bahamian Dollar	BSD	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Bahrain	BH	BHR	48	Bahraini Dinar	BHD	3
Bangladesh	BD	BGD	50	Taka	BDT	2
Barbados	BB	BRB	52	Barbados Dollar	BBD	2
Belarus	BY	BLR	112	Belarusian Ruble	BYN	2
Belgium	BE	BEL	56	Euro	EUR	2
Belize	BZ	BLZ	84	Belize Dollar	BZD	2
Benin	BJ	BEN	204	CFA Franc BCEAO	XOF	0
Bermuda	BM	BMU	60	Bermudian Dollar	BMD	2
Bhutan	BT	BTN	64	Ngultrum	BTN	2
Bolivia (Plurinational State of)	BO	BOL	68	Boliviano	BOB	2
Bonaire, Sint Eustatius and Saba	BQ	BES	535	US Dollar	USD	2
Bosnia and Herzegovina	BA	BIH	70	Convertible Mark	BAM	2
Botswana	BW	BWA	72	Pula	BWP	2
Bouvet Island	BV	BVT	74	Norwegian Krone	NOK	2
Brazil	BR	BRA	76	Brazilian Real	BRL	2
British Indian Ocean Territory (the)	IO	IOT	86	US Dollar	USD	2
Brunei Darussalam	BN	BRN	96	Brunei Dollar	BND	2
Bulgaria	BG	BGR	100	Bulgarian Lev	BGN	2
Burkina Faso	BF	BFA	854	CFA Franc BCEAO	XOF	0
Burundi	BI	BDI	108	Burundi Franc	BIF	0
Cabo Verde	CV	CPV	132	Cabo Verde Escudo	CVE	2
Cambodia	KH	KHM	116	Riel	KHR	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Cameroon	CM	CMR	120	CFA Franc BEAC	XAF	0
Canada	CA	CAN	124	Canadian Dollar	CAD	2
Cayman Islands (the)	KY	CYM	136	Cayman Islands Dollar	KYD	2
Central African Republic (the)	CF	CAF	140	CFA Franc BEAC	XAF	0
Chad	TD	TCD	148	CFA Franc BEAC	XAF	0
Chile	CL	CHL	152	Chilean Peso	CLP	0
China	CN	CHN	156	Yuan Renminbi	CNY	2
Christmas Island	CX	CXR	162	Australian Dollar	AUD	2
Cocos (Keeling) Islands (the)	CC	CCK	166	Australian Dollar	AUD	2
Colombia	CO	COL	170	Colombian Peso	COP	2
Comoros (the)	KM	COM	174	Comorian Franc	KMF	0
Congo (the Democratic Republic of the)	CD	COD	180	Congolese Franc	CDF	2
Congo (the)	CG	COG	178	CFA Franc BEAC	XAF	0
Cook Islands (the)	CK	COK	184	New Zealand Dollar	NZD	2
Costa Rica	CR	CRI	188	Costa Rican Colon	CRC	2
Croatia	HR	HRV	191	Kuna	HRK	2
Cuba	CU	CUB	192	Cuban Peso	CUP	2
Curaçao	CW	CUW	531	Netherlands Antillean Guilder	ANG	2
Cyprus	CY	CYP	196	Euro	EUR	2
Czechia	CZ	CZE	203	Czech Koruna	CZK	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Côte d'Ivoire	CI	CIV	384	CFA Franc BCEAO	XOF	0
Denmark	DK	DNK	208	Danish Krone	DKK	2
Djibouti	DJ	DJI	262	Djibouti Franc	DJF	0
Dominica	DM	DMA	212	East Caribbean Dollar	XCD	2
Dominican Republic (the)	DO	DOM	214	Dominican Peso	DOP	2
Ecuador	EC	ECU	218	US Dollar	USD	2
Egypt	EG	EGY	818	Egyptian Pound	EGP	2
El Salvador	SV	SLV	222	El Salvador Colon	SVC	2
Equatorial Guinea	GQ	GNQ	226	CFA Franc BEAC	XAF	0
Eritrea	ER	ERI	232	Nakfa	ERN	2
Estonia	EE	EST	233	Euro	EUR	2
Eswatini	SZ	SWZ	748	Lilangeni	SZL	2
Ethiopia	ET	ETH	231	Ethiopian Birr	ETB	2
Falkland Islands (the) [Malvinas]	FK	FLK	238	Falkland Islands Pound	FKP	2
Faroe Islands (the)	FO	FRO	234	Danish Krone	DKK	2
Fiji	FJ	FJI	242	Fiji Dollar	FJD	2
Finland	FI	FIN	246	Euro	EUR	2
France	FR	FRA	250	Euro	EUR	2
French Guiana	GF	GUF	254	Euro	EUR	2
French Polynesia	PF	PYF	258	CFP Franc	XPF	0
French Southern Territories (the)	TF	ATF	260	Euro	EUR	2
Gabon	GA	GAB	266	CFA Franc BEAC	XAF	0

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Gambia (the)	GM	GMB	270	Dalasi	GMD	2
Georgia	GE	GEO	268	Lari	GEL	2
Germany	DE	DEU	276	Euro	EUR	2
Ghana	GH	GHA	288	Ghana Cedi	GHS	2
Gibraltar	GI	GIB	292	Gibraltar Pound	GIP	2
Greece	GR	GRC	300	Euro	EUR	2
Greenland	GL	GRL	304	Danish Krone	DKK	2
Grenada	GD	GRD	308	East Caribbean Dollar	XCD	2
Guadeloupe	GP	GLP	312	Euro	EUR	2
Guam	GU	GUM	316	US Dollar	USD	2
Guatemala	GT	GTM	320	Quetzal	GTQ	2
Guernsey	GG	GGY	831	Pound Sterling	GBP	2
Guinea	GN	GIN	324	Guinean Franc	GNF	0
Guinea-Bissau	GW	GNB	624	CFA Franc BCEAO	XOF	0
Guyana	GY	GUY	328	Guyana Dollar	GYD	2
Haiti	HT	HTI	332	Gourde	HTG	2
Heard Island and McDonald Islands	HM	HMD	334	Australian Dollar	AUD	2
Holy See (the)	VA	VAT	336	Euro	EUR	2
Honduras	HN	HND	340	Lempira	HNL	2
Hong Kong	HK	HKG	344	Hong Kong Dollar	HKD	2
Hungary	HU	HUN	348	Forint	HUF	2
Iceland	IS	ISL	352	Iceland Krona	ISK	0
India	IN	IND	356	Indian Rupee	INR	2
Indonesia	ID	IDN	360	Rupiah	IDR	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Iran (Islamic Republic of)	IR	IRN	364	Iranian Rial	IRR	2
Iraq	IQ	IRQ	368	Iraqi Dinar	IQD	3
Ireland	IE	IRL	372	Euro	EUR	2
Isle of Man	IM	IMN	833	Pound Sterling	GBP	2
Israel	IL	ISR	376	New Israeli Sheqel	ILS	2
Italy	IT	ITA	380	Euro	EUR	2
Jamaica	JM	JAM	388	Jamaican Dollar	JMD	2
Japan	JP	JPN	392	Yen	JPY	0
Jersey	JE	JEY	832	Pound Sterling	GBP	2
Jordan	JO	JOR	400	Jordanian Dinar	JOD	3
Kazakhstan	KZ	KAZ	398	Tenge	KZT	2
Kenya	KE	KEN	404	Kenyan Shilling	KES	2
Kiribati	KI	KIR	296	Australian Dollar	AUD	2
Korea (the Democratic People's Republic of)	KP	PRK	408	North Korean Won	KPW	2
Korea (the Republic of)	KR	KOR	410	Won	KRW	0
Kuwait	KW	KWT	414	Kuwaiti Dinar	KWD	3
Kyrgyzstan	KG	KGZ	417	Som	KGS	2
Lao People's Democratic Republic (the)	LA	LAO	418	Lao Kip	LAK	2
Latvia	LV	LVA	428	Euro	EUR	2
Lebanon	LB	LBN	422	Lebanese Pound	LBP	2
Lesotho	LS	LSO	426	Loti	LSL	2
Liberia	LR	LBR	430	Liberian Dollar	LRD	2
Libya	LY	LBY	434	Libyan Dinar	LYD	3
Liechtenstein	LI	LIE	438	Swiss Franc	CHF	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Lithuania	LT	LTU	440	Euro	EUR	2
Luxembourg	LU	LUX	442	Euro	EUR	2
Macao	MO	MAC	446	Pataca	MOP	2
Madagascar	MG	MDG	450	Malagasy Ariary	MGA	2
Malawi	MW	MWI	454	Malawi Kwacha	MWK	2
Malaysia	MY	MYS	458	Malaysian Ringgit	MYR	2
Maldives	MV	MDV	462	Rufiyaa	MVR	2
Mali	ML	MLI	466	CFA Franc BCEAO	XOF	0
Malta	MT	MLT	470	Euro	EUR	2
Marshall Islands (the)	MH	MHL	584	US Dollar	USD	2
Martinique	MQ	MTQ	474	Euro	EUR	2
Mauritania	MR	MRT	478	Ouguiya	MRU	2
Mauritius	MU	MUS	480	Mauritius Rupee	MUR	2
Mayotte	YT	MYT	175	Euro	EUR	2
Mexico	MX	MEX	484	Mexican Peso	MXN	2
Micronesia (Federated States of)	FM	FSM	583	US Dollar	USD	2
Moldova (the Republic of)	MD	MDA	498	Moldovan Leu	MDL	2
Monaco	MC	MCO	492	Euro	EUR	2
Mongolia	MN	MNG	496	Tugrik	MNT	2
Montenegro	ME	MNE	499	Euro	EUR	2
Montserrat	MS	MSR	500	East Caribbean Dollar	XCD	2
Morocco	MA	MAR	504	Moroccan Dirham	MAD	2
Mozambique	MZ	MOZ	508	Mozambique Metical	MZN	2
Myanmar	MM	MMR	104	Kyat	MMK	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Namibia	NA	NAM	516	Namibia Dollar	NAD	2
Nauru	NR	NRU	520	Australian Dollar	AUD	2
Nepal	NP	NPL	524	Nepalese Rupee	NPR	2
Netherlands (the)	NL	NLD	528	Euro	EUR	2
New Caledonia	NC	NCL	540	CFP Franc	XPF	0
New Zealand	NZ	NZL	554	New Zealand Dollar	NZD	2
Nicaragua	NI	NIC	558	Cordoba Oro	NIO	2
Niger (the)	NE	NER	562	CFA Franc BCEAO	XOF	0
Nigeria	NG	NGA	566	Naira	NGN	2
Niue	NU	NIU	570	New Zealand Dollar	NZD	2
Norfolk Island	NF	NFK	574	Australian Dollar	AUD	2
North Macedonia	MK	MKD	807	Denar	MKD	2
Northern Mariana Islands (the)	MP	MNP	580	US Dollar	USD	2
Norway	NO	NOR	578	Norwegian Krone	NOK	2
Oman	OM	OMN	512	Rial Omani	OMR	3
Pakistan	PK	PAK	586	Pakistan Rupee	PKR	2
Palau	PW	PLW	585	US Dollar	USD	2
Palestine, State of	PS	PSE	275	No universal currency		
Panama	PA	PAN	591	Balboa	PAB	2
Papua New Guinea	PG	PNG	598	Kina	PGK	2
Paraguay	PY	PRY	600	Guarani	PYG	0
Peru	PE	PER	604	Sol	PEN	2
Philippines (the)	PH	PHL	608	Philippine Peso	PHP	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Pitcairn	PN	PCN	612	New Zealand Dollar	NZD	2
Poland	PL	POL	616	Zloty	PLN	2
Portugal	PT	PRT	620	Euro	EUR	2
Puerto Rico	PR	PRI	630	US Dollar	USD	2
Qatar	QA	QAT	634	Qatari Rial	QAR	2
Romania	RO	ROU	642	Romanian Leu	RON	2
Russian Federation (the)	RU	RUS	643	Russian Ruble	RUB	2
Rwanda	RW	RWA	646	Rwanda Franc	RWF	0
Réunion	RE	REU	638	Euro	EUR	2
Saint Barthélemy	BL	BLM	652	Euro	EUR	2
Saint Helena, Ascension and Tristan da Cunha	SH	SHN	654	Saint Helena Pound	SHP	2
Saint Kitts and Nevis	KN	KNA	659	East Caribbean Dollar	XCD	2
Saint Lucia	LC	LCA	662	East Caribbean Dollar	XCD	2
Saint Martin (French part)	MF	MAF	663	Euro	EUR	2
Saint Pierre and Miquelon	PM	SPM	666	Euro	EUR	2
Saint Vincent and the Grenadines	VC	VCT	670	East Caribbean Dollar	XCD	2
Samoa	WS	WSM	882	Tala	WST	2
San Marino	SM	SMR	674	Euro	EUR	2
Sao Tome and Principe	ST	STP	678	Dobra	STN	2
Saudi Arabia	SA	SAU	682	Saudi Riyal	SAR	2
Senegal	SN	SEN	686	CFA Franc BCEAO	XOF	0
Serbia	RS	SRB	688	Serbian Dinar	RSD	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Seychelles	SC	SYC	690	Seychelles Rupee	SCR	2
Sierra Leone	SL	SLE	694	Leone	SLL	2
Singapore	SG	SGP	702	Singapore Dollar	SGD	2
Sint Maarten (Dutch part)	SX	SXM	534	Netherlands Antillean Guilder	ANG	2
Slovakia	SK	SVK	703	Euro	EUR	2
Slovenia	SI	SVN	705	Euro	EUR	2
Solomon Islands	SB	SLB	90	Solomon Islands Dollar	SBD	2
Somalia	SO	SOM	706	Somali Shilling	SOS	2
South Africa	ZA	ZAF	710	Rand	ZAR	2
South Georgia and the South Sandwich Islands	GS	SGS	239	No universal currency		
South Sudan	SS	SSD	728	South Sudanese Pound	SSP	2
Spain	ES	ESP	724	Euro	EUR	2
Sri Lanka	LK	LKA	144	Sri Lanka Rupee	LKR	2
Sudan (the)	SD	SDN	729	Sudanese Pound	SDG	2
Suriname	SR	SUR	740	Surinam Dollar	SRD	2
Svalbard and Jan Mayen	SJ	SJM	744	Norwegian Krone	NOK	2
Sweden	SE	SWE	752	Swedish Krona	SEK	2
Switzerland	CH	CHE	756	Swiss Franc	CHF	2
Syrian Arab Republic (the)	SY	SYR	760	Syrian Pound	SYF	2
Taiwan (Province of China)	TW	TWN	158	New Taiwan Dollar	TWD	2
Tajikistan	TJ	TJK	762	Somoni	TJS	2

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Tanzania, the United Republic of	TZ	TZA	834	Tanzanian Shilling	TZS	2
Thailand	TH	THA	764	Baht	THB	2
Timor-Leste	TL	TLS	626	US Dollar	USD	2
Togo	TG	TGO	768	CFA Franc BCEAO	XOF	0
Tokelau	TK	TKL	772	New Zealand Dollar	NZD	2
Tonga	TO	TON	776	Pa'anga	TOP	2
Trinidad and Tobago	TT	TTO	780	Trinidad and Tobago Dollar	TTD	2
Tunisia	TN	TUN	788	Tunisian Dinar	TND	3
Turkey	TR	TUR	792	Turkish Lira	TRY	2
Turkmenistan	TM	TKM	795	Turkmenistan New Manat	TMT	2
Turks and Caicos Islands (the)	TC	TCA	796	US Dollar	USD	2
Tuvalu	TV	TUV	798	Australian Dollar	AUD	2
Uganda	UG	UGA	800	Uganda Shilling	UGX	0
Ukraine	UA	UKR	804	Hryvnia	UAH	2
United Arab Emirates (the)	AE	ARE	784	UAE Dirham	AED	2
United Kingdom of Great Britain and Northern Ireland (the)	GB	GBR	826	Pound Sterling	GBP	2
United States Minor Outlying Islands (the)	UM	UMI	581	US Dollar	USD	2
United States of America (the)	US	USA	840	US Dollar	USD	2
Uruguay	UY	URY	858	Peso Uruguayo	UYU	2
Uzbekistan	UZ	UZB	860	Uzbekistan Sum	UZS	2
Vanuatu	VU	VUT	548	Vatu	VUV	0

Country Name	Alpha-2 code	Alpha-3 code	Numeric	Currency Name	Currency Code	Minor Unit
Venezuela (Bolivarian Republic of)	VE	VEN	862	Bolívar Soberano	VES	2
Viet Nam	VN	VNM	704	Dong	VND	0
Virgin Islands (British)	VG	VGB	92	US Dollar	USD	2
Virgin Islands (U.S.)	VI	VIR	850	US Dollar	USD	2
Wallis and Futuna	WF	WLF	876	CFP Franc	XPF	0
Western Sahara*	EH	ESH	732	Moroccan Dirham	MAD	2
Yemen	YE	YEM	887	Yemeni Rial	YER	2
Zambia	ZM	ZMB	894	Zambian Kwacha	ZMW	2
Zimbabwe	ZW	ZWE	716	Zimbabwe Dollar	ZWL	2
Åland Islands	AX	ALA	248	Euro	EUR	2

5. RELEASE NOTES

This is the document history reflecting changes to the file.

- 10/11/2022 Added a new output field, IRS Income Code, in Position 1022.
- 10/11/2022 Replaced LIBOR with Linked to London Calendar in the field descriptions for positions 145, 200, 238, and 398.
- 04/30/2020 The following changes were made to bring this document up to current standards:
- Made general updates to remove outdated references and reformat the document.
- 06/2007 Document revised
- 05/2006 Document updated
- 01/2003 Document converted from WordPerfect to MS Word
- 03/2000 Section 3.0, position 116, added or 365 to indicator 05 and changed indicator A06 to 365.

FOR MORE INFORMATION

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