



The Depository Trust & Clearing Corporation

Data Delivery Service: 26.02 Final Distribution Message

Contains specifications for Dividend
and Interest Payment Messages

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Document Version

This document was written by DTCC Data Services in conjunction with the Business Systems and Documentation group, a group within the Customer Training and Information Products department. The following table details the releases of this document and the changes incorporated into each release.

This document contains the first release of specifications, which will be updated and modified when additional phases are completed and/or new features and/or information is added. Should you have any questions regarding this document or its contents, please contact Carin Avogardo at cavogardo@dtcc.com.

Table 1: Document Change History

Version	Date	Summary
1.0	11/24/00 - Draft	First draft of document.
1.1.0	12/26/00 - Draft	Reviewed draft of document
1.1.1	01/08/01 - Draft	Overview and delivery text
1.1.2	01/24/01 - Draft	Departmental release and review
1.1.3	02/06/01 - Draft	Inclusion of DIVANN format
1.1.4	02/08/01 - Draft	Submission for review by DMD Glossary Sub-Committee
1.2.0	05/30/01 - Draft	Pilot documentation
1.2.1	06/13/01	Final Draft
1.3.1	05/14/02	Updated
1.4	10/21/03	Updated
1.5	01/26/2010	Added new function code for Tax Credit Announcements as part of Build America Bonds initiative.

Note The digit *after* the decimal should be incremented after each draft (e.g., 1.0, 1.1, 1.2, etc.). The digit *before* the decimal should be incremented only if there has been a major design change or enhancement to a project (e.g., 1.0, 2.0, 3.0...). Do not confuse the project version number (e.g., SPEED 5.7) with the document version number (e.g., *SPEED 5.7 Business Requirements, Version 1.0*).

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Participants and other authorized users expressly acknowledge that the services provided by DTC are ministerial in nature. Moreover, as further reflected by DTC's fee structure (which typically bears no relationship to the dollar value of any given transaction), DTC does not accept any risk of loss to Participants, other authorized users and possible third party beneficiaries with respect to transactions being processed by DTC.

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Introduction/Background

The Data Delivery Service consists of a series of multiple message types that cover eligibility, formal or legal issue descriptions, agent information and event data (corporate actions, distributions and redemptions). The file delivery consists of end-of-day activity or master files segmented by six DTC product types specifically Equities, Corporate Fixed Income, Municipals, Government, Mortgage/Asset Backed and Money Market Instruments. The Data Delivery Service is looking to address its customers' need to centralize and standardize security information, by providing this data directly into their systems.

The Data Delivery Service provides in a file delivery the same information that is presented in the PTS function GWIZ. Introduced in August 2000, GWIZ combines into a single application expanded security information with up-to-the-minute data on Corporate Actions, Distributions and Redemptions. The service covers the full universe (over two million) DTC eligible securities. The PTS application includes enhanced search capabilities and improved navigation, providing faster access with fewer keystrokes to more information from traditional PTS functions. Combined with a browser application currently under development, these three services constitute the suite of services that aggregate information derived from DTC's operations and present this data in a consolidated format.

Message Handling

Message Summary Overview

Listed below are the various message delivery types to be included. Dates when they are made available are included as applicable.

File	Record	Code	Date Available/ Modified	Comments
	Header	H01	12/15/00	Initial message attached to every file type
	Trailer	T01	12/15/00	Attached to every file type
Event	Distribution 1	E01	04/02/01	See attached message format for details.
	Distribution 2	E02	04/02/01	See attached message format for details.
	Distribution 3	E03	04/02/01	See attached message format for details.
Municipal Securities Only	Distribution 4	E04	06/01/02	See attached message format for details. This separate message covers municipal securities only.

Standard Message Starter

Attached is the listing of the initial 31 characters of most messages with the exception of the header, trailer and agent records.

Position	Length	Format	Field Name	Description
1 – 2	3	Character	Message Type	The type of Message. The value is I01 (International).
4 – 9	6	Numeric	Message Sequence Number	Identifies the sequence number within the Message type. Initialized to 000001.
10 – 10	1	Character	Message Status Type	Indicates if DTC is adding a new message or updating an existing message. The values are: <ul style="list-style-type: none"> • A: Add • U: Update • D: Delete
11 – 19	9	Character	Issue Identifier	The 9-character CUSIP number.
20 – 31	12	Character	International Identifier	The 12-character ISIN (International Securities Identification Number) number, if available.

Programmer notes

- Each message is 300 characters in length.
 - Currently all messages have filler that allows for additional data to be appended to the message.
 - Programs developed for messages should reflect that these filler components will be filled with data at some juncture.
 - Programs should not abend if data is appended to the filler area of the message.
 - Programs should be able to store and potentially retrieve data from these filler areas.
 - Should the entire message be filled, additional messages can be added to the message type that includes additional information.

- The Header message provides details regarding the file, date of creation.

- The Trailer message provides details on the number of records processed and indicates the end of file.

- Data Messages all start with the same initial 31 characters that provide the following information:
 - Message Type
 - Referencing the type of message from the previous table.
 - This allows the user to focus on (or disregard) messages that contain specific information of interest.
 - An alpha-numeric identifier allows for expanding the number of message type for additional data.
 - Message Sequence number
 - This number is initialized at 000001.
 - If additional data is required for a security, such as a series of events, these would be repeated and the counter incremented.
 - Message Status Type
 - Indicates whether the record is an add, change or deletion.
 - Security Identifier
 - Every record contains the applicable issue or international identifier that is unique to that security. (Note that only a limited number of securities will have ISIN numbers).
 - The inclusion of this identifier on each records offers the user maximum flexibility in downloading messages to different media such as spreadsheets or applications and parse the data.
 - The intent is to maximize the availability of the data both to mainframes and discrete applications and therein assisting organizations in standardizing information from DTC.
 - Date Handling
 - Oftentimes a date associated with a distribution is not provided to DTCC. In these cases, default values are supplied in the date fields and can be disregarded. These include the following values:
 - 00010101
 - 99999999
 - 00000000
 - blank
 - Securities that have a maximum maturity date, such as a perpetual bond, will have the following value:
 - 99991231

Data Delivery Service

- The information contained in this service is derived from DTCC's mainframe systems which are compiled in EBCDIC. As such, certain values signaling positive and negative are presented in EBCDIC form. These "signed" fields are indicated by the value "S" prior to format (i.e. S9(7)V9(8)). The translations are listed below:

Last Integer Value	Positive	Negative
0	{	}
1	A	J
2	B	K
3	C	L
4	D	M
5	E	N
6	F	O
7	G	P
8	H	Q
9	I	R

File Descriptions and Acronyms

Listed below are the files currently available. All files contain a series of messages grouped together, and include both header and trailer records. Volumes are reported in the average number of records to be expected. The descriptive and activity files are segmented by DTC Product types compiled from the DTC sub-issue types used for depository processing and defined in [Appendix I: DTC Sub-Issue Types](#)

Distribution Announcement Files - Messages

Listed below are Distribution (cash and stock dividends, interest payments, and forward splits) announcement files that are available. The specifications for these files are documented in Data Delivery Service - Distribution Announcements. Reverse splits are handled in DTCC's reorganization service

File Name	File Type	Security Type	Contains Records
ANAMUP	Distribution Announcements	Asset and Mortgage backed	H01, E01, E02, E03, T01
ANCBUP	Distribution Announcements	Corporate Bond, Derivatives and Trusts	H01, E01, E02, E03, T01
ANEQUP	Distribution Announcements	Equity and Equity Type	H01, E01, E02, E03, T01
ANGVUP	Distribution Announcements	Government	H01, E01, E02, E03, T01
ANMMUP	Distribution Announcements	Money Market Instruments (CP, VRDO, MTNs, etc.)	H01, E01, E02, E03, T01
AMUNUP	Distribution Announcements	Municipals	H01, E04, T01
AMMNUP	Distribution Announcements	Municipals Standard Announcements via CCF file MUNANN	H01, E04, T01

File Delivery

The files will be delivered via FTP (file transfer protocol) or NDM (Network Data Mover). Subscribers who request the file will be required to provide contact information to their Data Services or Relationship Management contact which will be forwarded to DTCC's Interface Planning Group (IPG).

Your e-mail should state the service(s) you are requesting and contain the following information.

Official Company Name:

Company Address:

DTCC Sign-on/Participant Numbers: **to be confirmed or assigned by IPG**

Contact Name:

Contact Title:

Contact Telephone Number

Contact E-mail Address

General Request Description: **Establish File delivery of**

If your firm currently communicates with DTC, please provide the sign-on/participant number used to receive/send information, and specify whether a dial-up connection or dedicated line is used.

If you are a new user to DTCC and plan on using a dial-up, Interface Planning will forward information regarding establishing connectivity via ATT's AGNS network.

Your responses will be forwarded to the Interface Planning Group who manage the set-up of communications and coordinate the scheduling of the processes to make the files available.

Master files will only be delivered in cartridge form. Master files will need to be scheduled on a pre-arranged basis with Data Services and the Interface planning group, minimum at least two weeks in advance. The files will be generated during a weekend and be available for delivery or pick-up the next business day.

. The specification of the tape Cartridge is as follows:

The Cartridge is a model 3490E
Bypass the standard label with a (2,BLP) ==> LABEL=(2,BLP)
Format is fixed block ==> RECFM=FB
Record length is 300 characters ==> LRECL=300
Block size is 27900 ==> BLKSIZE=27900

Support and Assistance

Should you have any questions regarding this document or any issue regarding the information or delivery thereof, please contact Product Management, Data Sales, or your Relationship Manager.

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Header Record

The Header Record is the initial message attached to every file type.

Position	Length	Format	Field Name	Description
1 - 3	3	character	Message Type	Identifies the message type. The value is H01 (Header Message).
4 - 9	6	character	Message Sequence Number	Identifies the sequence number within the message type. Initialized to 000001.
10 - 17	8	Numeric	File Date	The date the file was processed in MMDDCCYY format.
18 - 25	8	character	File Name	The name of the file. The value is: <ul style="list-style-type: none">• ANAMUP• ANCBUP• ANEQUP• ANGVUP• ANMMUP• AMUNUP• AMMNUP
26 - 300	273	character	Filler	Reserved for future use.

Distribution Message E01

The E01 Message is the first of three messages that provides expanded announcement information on non-municipal securities.

Position	Length	Format	Field Name	Description
1 – 2	3	character	Message Type	The type of record. The value is D01 (Distribution Message 1).
4 – 9	6	Numeric	Message Sequence Number	Identifies the sequence number within the record type. Initialized to 000001.
10 – 10	1	character	Message Status Type	Indicates if DTC is adding a new record or updating an existing record. The values are: <ul style="list-style-type: none"> • A: Add • U: Update • D: Delete.
11 – 19	9	character	Issue Identifier (CUSIP)	The 9-character CUSIP number.
20 – 31	12	character	International Identifier (ISIN)	The 12-character ISIN (International Securities Identification Number) number, if available.
32 - 39	8	Numeric	End Date	The payable date in CCYYMMDD format.
40 – 41	2	character	Function Code	The DTC processing code. The values are: <ul style="list-style-type: none"> • 02: Stock Split • 03: Foreign Debt • 04: Foreign Debt Favorable • 05: Foreign Debt Exempt • 06: Stock Dividend • 07: Cash Dividend on Increased Shares • 08: Cash Dividend • 09: Foreign Cash Dividend • 11: Spin-off: Ineligible Issue • 12: Spin-off: Eligible Issue • 13: Bond Interest • 14-21: Optional Dividend • 23: Mutual Bond Interest • 24: Tax Credit Entitlement • 25: Principal Payment • 30: Dividend Reinvestment • 31: Automatic reinvestments • 32: Long Term Capital Gains • 33: Short Term Capital Gains • 34: Return of Capital • 35: Tax Exempt Div service • 36: Sale of Rights on ADRs • 37: Foreign Cash Div Fav • 38: Pay in Kind Bonds • 39: Rights • 40: Foreign Tax Refunds • 43: Special Cash Dist • 44: Recapitalization • 45: Liquidation • 46: Sale of Assets

Data Delivery Service

Distribution Message E01 (continued)

Position	Length	Format	Field Name	Description
				<ul style="list-style-type: none"> • 47: Redemption of Rights • 49: Capital Gains • 75: Corporate Redemption • 77: Redemption Principal • 80: Proxy <p>Disregard records that appear with other values.</p>
42 - 42	1	character	Department	<p>The code that identifies the DTC department that processed the event. The values are:</p> <ul style="list-style-type: none"> • D: Dividends • P: Proxy • R: Reorganization.
43 - 43	1	character	RDP Issue Type	<p>The DTC internal security type for processing. The values are:</p> <ul style="list-style-type: none"> • A: Market Index • B: Equity/Index Option • C: Contracts • D: Curr/Int Rt/Debt Opt • E: UIT • F: ADR • G: Convertible Preferred • H: U.S. Treasury Notes • I: U.S. Treasury Bonds • J: U.S. Treasury Bills • K: Fed Home Loan Banks • L: Fed Home Loan Mort • M: Fed Land Banks • N: Fed Nat Mort Assn • O: Fed Nat Mort Assn Pt • P: Gov Nat Mort Assn • Q: Special Stock • R: Farm Home Load Admin • S: General Service Admin • T: 12 Fed Land Banks • U: 12 Fed Intl Cr Bank • V: 13 Banks for Coops • W: Intl Amer Dev Bank • X: Intl Bank Recon & Dev • Y: Export Import • Z: Other Government • 0: Common/Ordinary Stock Etc. • 1: Preferred/Preference • 2:Warrant/Right • 3: Convertible Bond • 4:Unit • 5: Municipal \$ Bond • 6: Corp & Gov Bond • 7: Mutual Fund • 8: Certificate • 9: Foreign

Data Delivery Service

Distribution Message E01 (continued)

Position	Length	Format	Field Name	Description
44 - 51	8	Numeric	Start Date	The record date in CCYYMMDD format.
52 - 54	3	Numeric	Sequence Number	The unique announcement identifier generated by DTC in 9(3) format.
55 - 62	8	Numeric	Update Date	The start-of-business date of the last update in CCYYMMDD format.
63 - 72	10	character	Filler	Reserved for future use.
73 - 73	1	character	Origin ID	<p>The source of the announcement. The values are:</p> <ul style="list-style-type: none"> • A: Auto CD • B: Auto CMO • C: STS Conversion • D: Dividend • E: Municipal S&C • F: Full Call • G: DTC • H: ADR Tax-Exempt Dividend • I: IDSI • K: Auto Stock • L: Lotteries • M: Municipal Redemption • N: Variable Rate Demand Obligation • O: CDS Dividend Announcement • P: Proxy • Q: Auto Announcement • R: Reorganization • S: Chase UIT • T: TREPP • U: Bank of New York (UIT) • V: Auto RAMS • W: Early Maturity • X: Split REOG • Y: Auto MMI-1 • Z: Auto MMI-2 • 1: Mortgage-Backed Security • 2: NASDAQ Announcement • 3: NYSE Announcement • 4: Canadian Depository (CDS)

Data Delivery Service

Distribution Message E01 (continued)

Position	Length	Format	Field Name	Description
74 - 74	1	character	Add/Change/Delete Indicator	The RDP Activity Indicator. The values are: <ul style="list-style-type: none"> • Blank: Add • C: Change • D: Delete • R: Reference Change
75 - 82	8	numeric	Create Date	The date the announcement was added in CCYYMMDD format.
83 - 95	13	numeric	Cash Rate	The dividend rate payable in cash. This field does not apply to all securities and may contain zeroes in 9(7)V9(6) format.
96 - 113	18	numeric	Stock Rate	The dividend rate payable in stock. This field does not apply to all securities and may contain zeroes in 9(8)V9(10) format. <i>Note:</i> This field is the Dividend Reinvestment Price for Function Code 30.
114 - 131	18	numeric	Work Rate	The rate for working calculation in 9(8)V9(10) format.
132 - 142	11	numeric	Price	The price per fractional share. This field does not apply to all securities and may contain zeroes in 9(6)V9(5) format. <i>Note:</i> This field is the Cash in Lieu of Fraction for Function Code 30.
143 - 155	13	numeric	Accrued Interest Rate	The rate for accrued interest calculation in 9(7)V9(6) format.
156 - 160	5	numeric	Service Charge	The charge placed on specific activities in 9(3)V9(2) format.
161 - 168	8	numeric	Position Capture Date	The date for position capture in CCYYMMDD format.
169 - 169	1	character	Position Capture Indicator	Indicates whether the position was captured or not. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
170 - 170	1	character	Cutoff Days	The number of business days that the DTC cutoff date preceded the record date. The values are: <ul style="list-style-type: none"> • 0 – 9 • Blank: Not Applicable.
171 - 178	8	numeric	Cutoff Date	The date for cutoff processing in CCYYMMDD format.
179 - 186	8	numeric	X-Cutoff Date	The extended cutoff processing date in CCYYMMDD format.
187 - 194	8	numeric	Ex-Dividend Date	The date for buy/sell without dividend in CCYYMMDD format.
195 - 202	8	numeric	Settlement Date	The date the trade was completed in CCYYMMDD format.
203 - 210	8	numeric	Stock Allocation Date	The date the stock was actually allocated in CCYYMMDD format.
211 - 218	8	numeric	Cash Allocation Date	The date the cash was actually allocated in CCYYMMDD format.

Distribution Message E01 (continued)

Position	Length	Format	Field Name	Description
219 - 219	1	character	Multiply Divide Indicator	The rate action indicates how the displayed rate is applied in calculations for shares. The values are: <ul style="list-style-type: none"> • M: Multiply • D: Divide.
220 - 220	1	character	Pay Order	<ul style="list-style-type: none"> • *L: Dividend Rate Approx • *M: For Stock Holder • *P: Divide Rate by 10 • *Q: Divide Rate by 100 • *R: Divide Rate by 1000 • *S: Reverse Split • *T: Multiply Rate by 10 • *U: Multiply Rate by 100 • *V: Multiply Rate by 1000 • *W: Dividend Rate Approx • *Z: Flat Trading • 0: No Special Payment Order • 1: Apply this Div. After Stock Split • 3: Div. Rate is Distribution Rate or Supplemental Rate • 4: Initial Dividend • 5: Approximate Rate • 6: Rate not Known • 7: Extras or Capital Gains Included in Dividend • 8: Payment of Arrears due on Cumulative Preferred Stock • 9: Extra, Special, Capital Gains, Additional Dividend • Other: No Special Payment Order. <p><i>Note:</i> An asterisk before a value means that this field is used in conjunction with the Multiply/Divide Indicator field in Position 219.</p>
221 -221	1	character	Pay Method	The type of payment. The values are: <ul style="list-style-type: none"> • A: Rights • B: Warrants • C: Issued Called Cash • D: Reserved • E: Dividend Omitted • S: Same-Day Settlement • V: \$1.00 Charge Options • W: \$1.50 Charge Options • X: \$2.00 Charge Options • Y: \$2.50 Charge Options • Z: \$3.00 Charge Options • 1: United States Dollar Currency • 2: Canadian Dollar Currency

Data Delivery Service

Distribution Message E01 (continued)

Position	Length	Format	Field Name	Description
				<ul style="list-style-type: none"> • 3: Pay in other Dollar Currency • 4: Optional Dividend Payment in Cash • 5: Stock Dividend • 6: Stock Split • 7: Pay in Stock of Difference • 8: Pay by Exchange of Stock • 9: Optional Dividend Payment in Stock.
222 - 222	1	character	Tax Base	<p>Specifies the tax rate basis. The values are:</p> <ul style="list-style-type: none"> • A: Net Before Tax • B: Net After Tax • C: Subject to 15% Tax Options • D: Subject to 25% Tax Options • M: For Stock Holder • 0: No Special Tax Base • 1: Less 10% Tax • 2: Less 15% Tax • 3: Other Tax (Variable) • 4: Not Subject to U.S. Tax • 5: Income and Capital Gains • 6: Partial/Full Tax Exempt • 7: Both 5 and 6 Apply (Income and Capital Gains and Partial/Full Tax Exempt) • Capital Gains Distribution Only.
223 - 234	12	character	Additional CUSIP	The CUSIP for payment in a different issue.
235 - 235	1	character	Additional Issue Type	The description and values are the same as those contained in the RDP Issue Type field. See Position 43 in this record layout for more information.
236 - 236	1	character	Late Indicator	<p>Indicates that the announcement was added after the post-position capture date. The values are:</p> <ul style="list-style-type: none"> • L: Late Announcement • N: Not Late • Space: Not Applicable
237 - 237	1	character	Interim Indicator	<p>Indicates whether interim accounting rules apply. The values are:</p> <ul style="list-style-type: none"> • 0: No Interim Accounting Applies • 1: Interim Accounting Applies. Add the record date plus 1 to the settlement date.
238 - 245	8	numeric	Replaced End Date	For revised announcements, this is the previous payable date in CCYYMMDD format.
246 - 247	2	character	Replaced Function Type	For revised announcements, this is the previous function type. The values are the same as those contained in the RDP function Code field. See Position 40 in this record layout for more information.

Distribution Message E01 (continued)

Position	Length	Format	Field Name	Description
248 - 248	1	character	Replaced Issue Type	For revised announcements, this is the previous issue type. The description and values are the same as those contained in the RDP Issue Type field. See Position 43 in this record layout for more information.
249 - 251	3	numeric	Replaced Sequence Number	For revised announcements, this is the previous sequence number. The description and value is the same as those contained in the Sequence Number field. See Position 52 in this record layout for more information.
252 - 252	1	character	Security Eligibility Indicator	Indicates whether the security is eligible for DTC processing. The values are: <ul style="list-style-type: none">• E: Eligible• Blank: Not Eligible.
253 - 300	48	character	Filler	Reserved for future use.

Distribution Message E02

The E02 Message is the second of three messages that provides expanded announcement information on non-municipal securities.

Position	Length	Format	Field Name	Description
1 – 2	3	character	Message Type	The type of record. The value is D02 (Distribution Message 2).
4 – 9	6	numeric	Message Sequence Number	Identifies the sequence number within the record type. Initialized to 000001.
10 – 10	1	character	Message Status Type	Indicates if DTC is adding a new record or updating an existing record. The values are: <ul style="list-style-type: none"> • A: Add • U: Update • D: Delete.
11 – 19	9	character	Issue Identifier (CUSIP)	The 9-character CUSIP number.
20 – 31	12	character	International Identifier (ISIN)	The 12-character ISIN (International Securities Identification Number) number, if available.
32 - 32	1	character	DTC Issue Type	The DTC Issue type. The values are: <ul style="list-style-type: none"> • 1: Equity • 5: Corporate Bond • 7: Municipal Bond.
33 - 36	4	numeric	Transfer Agent	The Transfer Agent number.
37 – 44	8	numeric	Payment Target Date	The date payment is targeted in CCYYMMDD format.
45 – 52	8	character	Declaration Date	The date the announcement was declared in CCYYMMDD format.
53 – 53	1	character	Distribution Status Type	The status of the distribution. The values are: <ul style="list-style-type: none"> • 1: Awaiting Information from Company • 2: Pending Shareholder Approval • 3: Pending SEC Approval • 4: Pending Shareholder and SEC Approval • 5: Approved by Shareholders • 6: Approved by SEC • 7: Approved by Shareholder and SEC • 8: Distribution Rejected • 9: Holiday in Country of Origin • A: Issue not Funded • B: Pending Conversion of Funds • C: Approximate Rate • D: Late Announcement with Elections • E: Liquidation • F: Pending EDS Elections • G: Issue Trading Flat • H: Day Grace Period • I: Paid upon Receipt of Funds • Z: See Comments for Distribution Status.

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Distribution Message E02 (continued)

Position	Length	Format	Field Name	Description
54 – 54	1	character	Rounding Instruction Type	The rounding instructions for the fractional portion of the dividend. The values are: <ul style="list-style-type: none"> • 1: Round up all fractional shares .5 and above • 2: Fractional shares are dropped • 3: Fractional shares are paid in cash-in-lieu • 4: Fractional shares are paid in cash-in-lieu to the beneficial owner • 5: Fractional shares are rounded up and paid to the beneficial owner • 6: Round up all fractional shares • 7: See comments for fractional share information • 8: Fractional shares to be issued • 9: Round up all fractional shares paid to the beneficial owner .5 and above • Blank: Not Applicable.
55 – 61	7	character	Important Notice ID	The B number of the important notice that is distributed by DTC. Important Notices are available on DTC's website at http://www.dtc.org
62 – 70	9	character	Link CUSIP	The CUSIP number of the unit if the paying security is also part of a unit.
71 – 78	8	numeric	Arrears Pay Begin Date	The arrears payment coverage begin date in CCYYMMDD format.
79 – 86	8	numeric	Arrears Pay End Date	The arrears payment coverage end date in CCYYMMDD format.
87-101	15	numeric	Arrears Balance Amount	The arrears balance in S9(7)V9(8) format.
102-102	1	character	Arrears Cleared Indicator	Indicates whether or not arrears were cleared. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
103-103	1	character	Rate Calculation Method Type	The calculation method used to determine the rate. The values are: <ul style="list-style-type: none"> • 1: Actual/360 • 2: 360/360 • 3: Actual/365 • 4: Actual/Actual.
104-106	3	numeric	Accrual Days Count	The number of days in the accrual period in 9(3) format.
107-114	8	numeric	Long Short Pay Begin Date	The long or short payment period beginning date in CCYYMMDD format.

Data Delivery Service

Distribution Message E02 (continued)

Position	Length	Format	Field Name	Description
115-122	8	numeric	Long Short Pay End Date	The long or short payment period ending date in CCYYMMDD format.
123-139	15	numeric	Equivalent Cash Rate	The equivalent cash rate of a stock dividend in S9(7)V9(8) format.
138-138	1	character	Exit Explanation Type	The explanation of exit of a stock dividend. The values are: <ul style="list-style-type: none"> • 1: Restricted Shares • 2: Nontransferable • 3: See Comments for Exit Explanation • Blank: Not Applicable.
139-139	1	character	Mandatory Option ID	The option number of the mandatory number for an optional dividend in the Elective Dividends System (EDS). The values range from 1 through 9.
140-151	12	numeric	Net Asset Value Amount	The net asset value used to determine the price used in optional stock dividend calculation in S9(5)V9(7) format.
152-154	3	character	Currency Payment Type	The currency of the cash rate used for settlement. See Appendix V for a list of currency types.
155-157	3	character	Currency Home Type	The currency in which the dividend of a foreign security was declared. See Appendix III for a list of currency types.
158-173	15	numeric	Dividend Home Currency Rate	The rate in the foreign currency in which the dividend was declared in S9(7)V9(8) format.
174-185	12	numeric	Currency Exchange Rate	The exchange rate used to convert the dividend rate to U.S. dollars in S9(6)V9(6) format.
186-193	8	numeric	Currency Exchange Rate Date	The date on which the exchange rate was set in CCYYMMDD format.
194-208	15	numeric	Dividend Gross Rate	The gross rate of the dividend in S9(7)V9(8) format.
209-223	15	numeric	Tax Rate	The tax rate in dollars and cents in S9(7)V9(8) format.
224-229	6	numeric	Tax Percentage	The tax rate as a percentage of the dividend in S9(2)V9(4) format.
230-235	6	numeric	ADR Fee Rate	The fee charged for exchanging ordinary shares of a stock dividend to ADR shares in S9(3)V9(3) format.
236-251-	6	numeric	ADR Ordinary Ratio	ADR/Ordinary Basis of Issuance Format: S9(3)V9(3)
252-252	1	character	ADR Ordinary Pay Option Indicator	Indicator of option to receive stock dividend In ADR or ordinary shares. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable
253-263	11	numeric	Interest Shortfall Rate	Rate of interest shortfall Format: S9(3)V9(8)

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Position	Length	Format	Field Name	Description
264-274	11	Numeric	Deferred Interest Rate / Negative Amortization	Rate of deferred interest Format: S9(3)V9(8)
275-285	11	Numeric	Realized Loss Rate	Rate of realized loss Format: S9(3)V9(8)
286-293	8	Numeric	Expired Rate Warrant Date	Expiration date of rights or warrants in CCYYMMDD format
294-294	1	Character	Transfer Rate Warrant Indicator	Indicator of transferability of rights or warrants. The values are: <ul style="list-style-type: none"> • 1: Rights/warrants transferable • 2: Rights/warrants non-transferable • Blank - Not Applicable
295-295	1	Character	Restricted Rate Warrant Type	Type of restrictions on rights or warrants offer. The values are: <ul style="list-style-type: none"> • 2 • Blank
296-300	5	Character	Filler	Filler

Distribution Message E03

The E03 Message is the third of three messages that provides expanded announcement information on non-municipal securities.

Position	Length	Format	Field Name	Description
1 – 2	3	character	Message Type	The type of record. The value is E03 (Distribution Message 3).
4 – 9	6	numeric	Message Sequence Number	Identifies the sequence number within the record type. Initialized to 000001.
10 – 10	1	character	Message Status Type	Indicates if DTC is adding a new record or updating an existing record. The values are: <ul style="list-style-type: none"> • A: Add • U: Update • D: Delete.
11 – 19	9	character	Issue Identifier (CUSIP)	The 9-character CUSIP number.
20 – 31	12	character	International Identifier (ISIN)	The 12-character ISIN (International Securities Identification Number) number, if available.
32 - 39	8	numeric	Shares for Subscription Rate	The number of rights or warrants required for a subscription in S9(4)V9(4) format.
40 -47	8	numeric	Cash for Subscription Rate	The cash required for a subscription in S9(5)V9(3) format.
48 - 48	1	character	Rights Over-Subscription Indicator	The rights over subscription privileges indicator. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
49 - 49	1	character	Rights Step-up Privileges Indicator	Indicates whether step-up privileges are available for rights. The values are: <ul style="list-style-type: none"> • Y: Step-up Privileges Available • Blank: Not Applicable.
50 - 50	1	character	Rights Round-up Privileges Indicator	Indicates whether round-up privileges are available for rights. The values are: <ul style="list-style-type: none"> • Y: Step-up Privileges Available • Blank: Not Applicable.
51- 51	1	character	Comments Indicator	Indicates whether comments are available for this dividend. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
52 - 59	8	numeric	Adjustment Date	The date adjustments are allocated in CCYYMMDD format.
60 –67	8	numeric	Cash-in-Lieu Instruction Date	The cutoff date for cash-in-lieu instructions in CCYYMMDD format.
68 - 68	1	character	Arrears Pay Indicator	Indicates whether this is an arrears payment. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.

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Distribution Message E03 (continued)

Position	Length	Format	Field Name	Description
69 - 69	1	character	Exit Indicator	Indicates whether shares were exited to the participant instead of being held by DTCC. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
70 - 79	10	numeric	Rights for Subscription Rate	The rights required for a subscription in 9(6)V9(4) format.
80 - 90	11	numeric	DRP Price Amount	The dividend reinvestment price used to calculate dividend entitlement in 9(6)V9(5) format.
91 - 103	13	character	ADR Ordinary Ratio Text	The ADR ordinary basis of issuance text (if applicable).
104 - 118	15	numeric	Coupon Rate	The effective coupon rate in S9(8)V9(7) format.
119 - 132	14	numeric	Factor	The principal factor in S9(2)V9(12) format.
133 - 146	14	numeric	Previous Factor	The principal factor for the previous record date in S9(2)V9(12) format.
147 - 149	3	numeric	Payment Frequency	The number of times per year that interest will be paid in 9(3) format.
150 - 157	8	character	FCP Cutoff Date	The foreign currency payment EDS cutoff date in CCYYMMDD format.
158 - 165	8	character	OPS Cutoff Date	The optional distributions EDS cutoff date in CCYYMMDD format.
166 - 173	8	character	DRP Cutoff Date	The dividend reinvestment program EDS cutoff date in CCYYMMDD format.
174 - 181	8	character	FOR Cutoff Date	The foreign tax withholdings EDS cutoff date in CCYYMMDD format.
182 - 182	1	character	Tax Information Indicator	Indicates whether information for this issue exists in the TAXI or DTAX PTS and browser functions. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
183 - 183	1	character	NRA Tax Indicator	Indicates whether withholding tax is paid to a non-U.S. resident. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
184 - 184	1	character	Reportable Indicator	Indicates whether income must be reported to the IRS. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.

Data Delivery Service

Distribution Message E03 (continued)

Position	Length	Format	Field Name	Description
185 – 187	3	character	Tax Code	A mapping of the U.S. tax withholding codes. See Appendix IV for further information.
188 – 188	1	character	Portfolio Interest Indicator	Indicates whether a portfolio is eligible for a portfolio interest exemption. The values are: <ul style="list-style-type: none"> • Y: Yes • N: No • Blank: Not Applicable.
189 – 196	8	numeric	Instruction Start Date	The start date on which tax rate elections for dividend distributions can be made in CCYYMMDD format.
197 – 204	8	numeric	Instruction End Date	The last date that tax withholding rate elections for dividend distributions can be made in CCYYMMDD format.
205 – 205	1	character	Foreign Ordinary Securities Processing (FOSP) Indicator	Indicates that the issue is a foreign ordinary security eligible for FOSP Processing. Values ‘,’0’ = Not FOSP eligible Value ‘1’ = FOSP eligible
206 – 300	96	character	Filler	Reserved for future use.

Distribution Message E04

The E04 Message is an additional message covering specifically municipal securities and does not contain the expanded information reflected in the other message formats due to the seasonal volumes encountered in municipal bonds.

Position	Length	Format	Field Name	Description
1 – 2	3	character	Message Type	The type of record. The value is D04 (Distribution Message 4).
4 – 9	6	numeric	Message Sequence Number	Identifies the sequence number within the record type. Initialized to 000001.
10 – 10	1	character	Message Status Type	Indicates if DTC is adding a new record or updating an existing record. The values are: <ul style="list-style-type: none"> • A: Add • U: Update • D: Delete.
11 – 19	9	character	Issue Identifier (CUSIP)	The 9-character CUSIP number.
20 – 31	12	character	International Identifier (ISIN)	The 12-character ISIN (International Securities Identification Number) number, if available.
32 - 32	1	character	Announcement Type	Indicates if the announcement is a supplemental announcement. The values are: <ul style="list-style-type: none"> • A: Municipal Interest Announcement • S: Municipal Supplemental Announcement.
33 - 41	9	character	Filler	Reserved for future use.
42 - 42	1	character	Municipal Bond Indicator	Indicates the type of municipal bond registration. The values are: <ul style="list-style-type: none"> • A: All Types • B: Bearer • D: Interchangeable Bearer/Registered • E: Book Entry Only • I: Interchangeable • M: Registered Multi-purpose • R: Registered
43 - 48	6	numeric	Dated Date	The date the original offering became public in YYMMDD format.
49 - 49	1	character	Payment Frequency Code	The frequency of interest payments. The values are: <ul style="list-style-type: none"> • 1: Yearly • 2: Semi-annual • 3: Quarterly • 4: Monthly.
50 -55	6	numeric	Cutoff Date	The date DTC establishes as a cutoff day in advance of the record date in YYMMDD format
56 - 61	6	numeric	Record Date	Recipient interest payment is established based upon the owner at record date. This date is generally 15 days prior to the payable date.

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Distribution Message E04 (continued)

Position	Length	Format	Field Name	Description
62 - 67	6	numeric	Payable Date	The date the interest is payable in YYMMDD format.
68 - 74	7	numeric	Interest Rate	The rate per thousand at which the bond interest will be paid. This is also known as a coupon in 9(4)V9(3) format.
75 - 75	1	character	Payment Type Code	Special information regarding the first payment period (whether short or long) or type of payment. The values are: <ul style="list-style-type: none">• L: Long First Payment Period• R: Regular First Payment Period• S: Short First Payment Period• Y: First Year of Payment• Blank: Not Applicable.
76 - 81	6	character	Extended Record Date	Advance notification pertaining only to bearer bonds; the date one month prior to the payable date in YYMMDD format
82 - 300	128	character	Filler	Reserved for future use.

Trailer Record

The Trailer Message is the last message that is attached to every file type.

Position	Length	Format	Field Name	Description
1 - 3	3	character	Message Type	Identifies the message type. The value is T01 (Trailer Message).
4 - 9	6	character	Message Sequence Number	Identifies the sequence number within the message type. Initialized to 000001.
10 -17	8	numeric	Total Records	The total number of records on the file, including the header, detail, and trailer message types.
18 - 300	283	character	Filler	Reserved for future use.

Appendix I: DTC Sub-Issue Types

Value	Description
(blank)	Not Applicable
000	Not Applicable
005	Equity
010	Common Stock
011	Convertible Common Stock
020	Preferred Stock
022	Preferred Stock REIT
023	Convertible Preferred Stock
024	Tender Rate Preferred Stock
030	Limited Partnership
040	CMO Denomination in “Units” or “Undivided Interest”
041	ABS Denomination in “Units” or “Undivided Interest”
042	Issue Denomination in “Units” or “Undivided Interest”
102	Auction Rate Preferred Stock (ARPS)
110	American Depositary Receipt (ADR)
111	Depositary Share
112	Municipal Option Call Right
117	Exchange Traded Funds (ETF)
120	MMI Preferred Stock (in CP-like mode)
125	Sealed Envelopes
130	Real-Estate Investment Trust (REIT)
310	Municipal Bond
311	Municipal Note
312	Municipal Auction Rate Note (ARN)
313	Municipal Variable Mode Obligation (VMO)
314	Municipal Variable Rate Demand Obligation (VRDO)
315	Municipal Insured Custodial Receipt
320	MMI Municipal VRDO/CP
330	MMI Municipal Commercial Paper
340	Bearer, Callable Zero Coupon Bond
450	GNMA REMICs
451	GNMA Pass-Through Securities
452	GNMA Serial Notes
500	Corporate Bond (CB) or Corporate Global Bond (GCB)
502	MMI Bankers’ Acceptance Note
504	MMI Institutional Certificates of Deposit
505	Certificated Money Market Instrument
506	Certificated Money Market – Periodic Payer
507	Certificates of Deposit
510	CPI Interest at Maturity (IAM) Commercial Paper
511	Periodic Payment Commercial Paper
520	CPI Discount Commercial Paper
525	MMI Corporate Commercial Paper
526	MMI Corporate VRDO/CP
530	MTN Corporate Commercial Paper
531	MTN Deposit Note
532	MMI Medium-Term Bank Note
533	MMI Medium Term Note
540	Collateralized Mtge Obligation or Global CMO

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541	Asset-Backed Security (ABS) or Global ABS (GABS)
542	Non-CMO/ABS Amortizing Issue
550	MMI Short-Term Bank Note
551	Z CPN Denom in Initial Principal Amt
560	MMI Discount Note
571	Corporate Auction Rate Note
572	Convertible Corporate Debt
573	Corporate Variable Mode Obligation (CVMO)
574	Corporate Short-Term Note
575	Corporate Debenture
576	Corporate Variable Rate Demand Obligation (VRDO)
577	Corporate Insured Custodial Receipt
578	Tender Rate Note
579	Zero Coupon Bond
601	Government Security
602	Government Trust certificate
603	Junk and Treasury Growth Receipt (JGR)
610	US Treasury Security
611	US Treasury Bill
612	US Treasury Note
613	US Treasury Bond
620	US Government Agency Security
650	Government Nat'l Mortgage Association (GNMA)
651	Real Estate Mtge Investment Conduit (REMIC)
652	GNMA Serial Note
700	Package
704	Corporate Debt Derivative
705	Equity Derivative
706	Municipal Derivative
708	Municipal Amortized Issue
710	Option Derivative
720	Warrant
730	Right
760	Mutual Fund
761	Closed End Fund
780	Equity debt
781	Debt Unit
790	Unit Investment Trust (UIT) – Nuveen Only
791	Global Unit Trust
795	Unit Investment Trusts (UIT)

Appendix II: DTC Security Classification

The following table contains information about DTC sub-issue types and security classifications.

Security Classification	If the Security has an Issue Type of:	And has a Sub-Issue Type of:	File Names Covered in Issue and sub-Issue Type:
Equity	1	005, 010, 011, 020, 022, 023, 024, 030, 042, 102, 110, 111, 700, 705, 710, 720, 730, 780	ANEQUP
Funds/Trusts	1	117, 130, 760, 761, 781, 790, 791, 795	ANCBUP
Corporate Fixed Income	5	340, 500, 542, 571, 572, 573, 574, 575, 576, 577, 578, 579, 704	ANCBUP
Government Securities	5	601, 602, 603, 610, 611, 612, 613, 620	ANGVUP
Money Market Instruments	5	120, 320, 330, 502, 504, 505, 506, 507, 510, 511, 520, 525, 526, 530, 531, 532, 533, 550, 560	ANMMUP
Mortgage-Backed MBS	5	650, 651, 652	ANAMUP
Asset-Backed (ABS)/Collateralized Mortgage Obligations (CMO)	5	040, 041, 540, 541, 551	ANAMUP
Municipal Securities	7	310, 311, 312, 313, 314, 315, 706, 708	AMMNUP and AMUNUP

Appendix III: ISO Currency Codes

Code	Description
ADP	ANDORRAN PESETA
AED	UAE DIRHAM
AFA	AFGHANI
ALL	LEK
ANG	NETHERLANDS ANTILLEAN GUILDER
AON	NEW KWANZA
ARS	ARGENTINE PESO
ATS	SHILLING
AUD	AUSTRALIAN DOLLAR
AWG	ARUBAN GUILDER
BBD	BARBADOS DOLLAR
BDT	TAKA
BEF	BELGIAN FRANC
BGL	LEV
BHD	BAHRAINI DINAR
BIF	BURUNDI FRANC
BMD	BERMUDIAN DOLLAR
BND	BRUNEI DOLLAR
BOB	BOLIVIANO
BRL	BRAZILIAN REAL
BSD	BAHAMIAN DOLLAR
BTN	NGULTRUM
BWP	PULA
BYB	BELARUSSIAN RUBLE
BZD	BELIZE DOLLAR
CAD	CANADIAN DOLLAR
CHF	SWISS FRANC
CLF	UNIDADES DE FORMENTO
CLP	CHILEAN PESO
CNY	YUAN RENMINBI
COP	COLOMBIAN PESO
CRC	COSTA RICAN COLON
CUP	CUBAN PESO
CVE	CAPE VERDE ESCUDO
CYP	CYPRUS POUND
CZK	CZECH KORUNA
DEM	DEUTSCHE MARK
DJF	DJIBOUTI FRANC
DKK	DANISH KRONE
DOP	DOMINICAN PESO
DZD	ALGERIAN DINAR
ECS	SUCRE
EEK	KROON
EGP	EGYPTIAN POUND
ESP	SPANISH PESETA
ETB	ETHIOPIAN BIRR
EUR	EURO DOLLAR
FIM	MARKKA
FJD	FIJI DOLLAR
FKP	FALKLAND ISLANDS POUND
FRF	FRENCH FRANC
GBP	POUND STERLING
GEK	GEORGIAN COUPON
GHC	CEDI
GIP	GIBRALTAR POUND
GMD	DALASI
GNF	GUINEA FRANC
GRD	DRACHMA
GTQ	QUETZAL
GWP	GUINEA-BISSAU PESO
GYD	GUYANA DOLLAR
HKD	HONG KONG DOLLAR

Appendix III: ISO Currency Codes *(continued)*

Code	Description
HNL	LEMPIRA
HRD	CROATIAN DINAR
HRK	KUNA
HTG	GOURDE
HUF	FORINT
IDR	RUPIAH
IEP	IRISH POUND
ILS	SHEKEL
INR	INDIAN RUPEE
IQD	IRAQI DINAR
IRR	IRANIAN RIAL
ISK	ICELAND KRONA
ITL	ITALIAN LIRA
JMD	JAMAICAN DOLLAR
JOD	JORDANIAN DINAR
JPY	YEN
KES	KENYAN SHILLING
KGS	SOM
KHR	RIEL
KMF	COMORO FRANC
KPW	NORTH KOREAN WON
KRW	WON
KWD	KUWAITI DINAR
KYD	CAYMAN ISLANDS DOLLAR
KZT	TENGE
LAK	KIP
LBP	LEBANESE POUND
LKR	SRI LANKA RUPEE
LRD	LIBERIAN DOLLAR
LSL	LOTI
LTL	LITHUANIAN LITAS
LTT	TALONAS
LUF	LUXEMBOURG FRANC
LVL	LATVIAN LATS
LVR	LATVIAN RUBLE
LYD	LIBYAN DINAR
MAD	MOROCCAN DIRHAM
MDL	MOLDOVAN LEU
MGF	MALAGASY FRANC
MKD	DENAR
MMK	KYAT
MNT	TUGRIK
MOP	PATACA
MRO	OUGUIYA
MTL	MALTESE LIRA
MUR	MAURITIUS RUPEE
MVR	RUFYAA
MWK	KWACHA
MXN	MEXICAN NUEVO PESO
MYR	MALAYSIAN RINGGIT
MZM	METICAL
NAD	NAMIBIA DOLLAR
NGN	NAIRA
NIO	CORDOBA ORO
NLG	NETHERLANDS GUILDER
NOK	NORWEGIAN KRONE
NPR	NEPALESE RUPEE
NZD	NEW ZEALAND DOLLAR
OMR	RIAL OMANI
PAB	BALBOA
PEN	NUEVO SOL
PGK	KINA
PHP	PHILIPPINE PESO

Appendix III: ISO Currency Codes *(continued)*

Code	Description
PKR	PAKISTAN RUPEE
PLN	POLISH ZLOTKY
PLZ	ZLOTY
PTE	PORTUGUESE ESCUDO
PYG	GUARANI
QAR	QATARI RIAL
ROL	LEU
RUR	RUSSIAN RUBLE
RWF	RWANDA FRANC
SAR	SAUDI RIYAL
SBD	SOLOMON ISLANDS DOLLAR
SCR	SEYCHELLES RUPEE
SDD	SUDANESE DINAR
SEK	SWEDISH KRONA
SGD	SINGAPORE DOLLAR
SHP	ST.HELENA POUND
SIT	TOLAR
SKK	SLOVAK KORUNA
SLL	LEONE
SOS	SOMALI SHILLING
SRG	SURINAM GUILDER
STD	DOBRA
SVC	EL SALVADOR COLON
SYF	SYRIAN POUND
SZL	LILANGENI
THB	BAHT
TMM	MANAT
TND	TUNISIAN DINAR
TOP	PA'ANGA
TPE	TIMOR ESCUDO
TRL	TURKISH LIRA
TTD	TRINIDAD AND TOBAGO DOLLAR
TWD	NEW TAIWAN DOLLAR
TZS	TANZANIAN SHILLING
UAK	KARBOVANET
UGX	UGANDA SHILLING
USD	US DOLLAR
USN	US DOLLAR, NEXT DAY FUNDS
UYU	PESO URUGUAYO
UZS	UZBEKISTAN SUM
VEB	BOLIVAR
VND	DONG
VUV	VATU
WST	TALA
XAF	CFA FRANC BEAC
XAG	SILVER
XAU	GOLD
XBA	EUROPEAN COMPOSITE UNIT (EURCO)
XBB	EUROPEAN MONETARY UNIT (EMU-6)
XBC	EUROPEAN UNIT OF ACCOUNT-9 (EU)
XBD	EUROPEAN UNIT OF ACCOUNT-17 (E)
XCD	EAST CARIBBEAN DOLLAR
XDR	SDR INT'L MONETARY FUND (I.M.F)
XEU	EUROPEAN CURRENCY UNIT (ECU)
XFO	GOLD-FRANC (SPECIAL SETTLEMENT)
XFU	UIC-FRANC (SPECIAL SETTLEMENT)
XOF	CFA FRANC BCEAO
XPD	PALLADIUM
XPF	CFP FRANC
XPT	PLATINUM
XXX	TRANSACTIONS WITHOUT CURRENCY

Appendix III: ISO Currency Codes *(continued)*

Code	Description
YER	YEMENI RIAL
YUN	YUGOSLAVIAN DINAR
ZAL	FINANCIAL RAND
ZAR	RAND
ZMK	KWACHA
ZRN	NEW ZAIRE
ZWD	ZIMBABWE DOLLAR

Data Delivery Service

Appendix IV - DTC US Tax Withholding Table

Description	Tax Code	0%	4%	5%	10%	12%	12.5%	15%	17.5%	20%	25%	30%	35%	38.6%
Dividends														
Domestic Source Income Dividend	011	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	Y	Y
Foreign Source Income Dividends	012	N	N	N	N	N	N	N	N	N	N	N	N	N
Dividends Domestic Non-Taxable	013	N	N	N	N	N	N	N	N	N	N	N	N	N
Dividends Fully Exempt (Muni Type Mutual Funds)	014	N	N	N	N	N	N	N	N	N	N	N	N	N
Dividends Federal Taxable - State Exempt	015	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	Y	Y
Return of Capital	019	N	N	N	N	N	N	N	N	N	N	N	N	N
Long Term Capital Gains	021	N	N	N	N	N	N	N	N	N	N	N	N	N
Short Term Capital Gains	022	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	Y	Y
FIRPTA ELIGIBLE (REITS)	023	N	N	N	N	N	N	N	N	N	N	N	Y	N
REIT (Capital Gain Distributions)	025	N	N	N	N	N	N	N	N	N	N	N	Y	N
Limited/Publicly Traded Partnership	026	N	N	N	N	N	N	N	N	N	N	N	N	Y

Interest															
U S Source Ordinary Interest	041	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
Foreign Bond Interest	042	N	N	N	N	N	N	N	N	N	N	N	N	N	
All State and Territorial Municipal Interest	043	N	N	N	N	N	N	N	N	N	N	N	N	N	
All Municipal Bonds Subject to Federal Tax	044	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
U S Government Interest on Contracts Notes & Mortgages	045	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
U S Government Interest on GNMA 1 & 2	046	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
Interest on Collateralized Mortgage Obligations	047	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
Interests on Certificates of Deposits	048	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
U S Government Interest	049	N	N	N	N	N	N	N	N	N	N	N	N	N	
U S Government Interest on Notes & Bills	050	N	N	N	N	N	N	N	N	N	N	N	N	N	
Principal Paydowns	051	N	N	N	N	N	N	N	N	N	N	N	N	N	
Short Term Interest (<183 days)	052	N	N	N	N	N	N	N	N	N	N	N	N	N	
U.S. Government Interest (> 183 days)	053	N	N	N	N	N	N	N	N	N	N	N	N	N	

Taxes Paid															
NRA Withholding Tax	061	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Federal Backup-Dividends	062	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Federal Backup-Interest	063	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Data Delivery Service

		A	A		A						A		A	
Foreign Tax Withheld at Source-Dividends	064	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Foreign Tax Withheld at Source-Interest	065	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Miscellaneous														
Custody Issues (Misc.)	070	N	N	N	N	N	N	N	N	N	N	N	N	N
Interest on Balances	071	N	N	N/A	N	N	N	N	N	N	N	Y	N	N
Interest on Series E or H Bonds	072	N	N	N/A	N	N	N	N	N	N	N	Y	N	N
Royalty Payments	073	Y	Y	N/A	Y	Y	Y	Y	Y	Y	Y	Y	N	N
Other Taxable Income	074	Y	Y	N/A	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Other Non-Taxable Income	075	N	N	N/A	N	N	N	N	N	N	N	Y	N	N
Miscellaneous Payments	076	N	N	N/A	N	N	N	N	N	N	N	Y	N	N

Corp Act															
Cash-in-Lieu of Fractional Shares	024	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Stock Split	077	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Stock Dividend	078	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Cash on Increased Shares	079	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Spin-Off	080	N	N	N	N	N	N	N	N	N	N	N	N	N	N

* Takes attributes of underlying action
 ** To Be Defined