

SUBMISSION
DATA TAG GLOSSARY

Set forth below is a glossary of all data tags to be used in EMMA's automated submission interface for submissions of data messages and document messages. These data elements are organized in a hierarchical data relationship. This glossary sets out each data element's XML container, data tag, definition and data specifications, including a listing of enumerated values for those data elements where the submitter is to choose a value and an example of the data format where the submitter is to enter a value.

| Submission Data Tags Description and Specification | | | |
|---------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| EMMA Primary Market Disclosure Service | | | |
| XML Container | Data Tag | Definition | Data Specification |
| Submission | Submission Type | Indicates base category of disclosure, consisting of primary market or advance refunding disclosure | Enumerated Value: <ul style="list-style-type: none"> • PrimaryMarketDisclosure • AdvanceRefundingDisclosure |
| | Submission Status | Indicates the intention to publish the information in the EMMA public portal or as official notice of cancellation of the offering | Enumerated Value: <ul style="list-style-type: none"> • Publish • NoticeOfCancellationOfOffering • Test |
| | Submission Identifier | Unique identifier assigned by EMMA at time of initiation of submission (the initial submission event) and used by the submitter in connection with subsequent submission events | Max25Text ex: S212345678910 |
| | Submission Underwritten CUSIP9 Identifier | CUSIP9 of a security in the offering used to link each submission event during the submission sequence for a particular submission – available only for primary market disclosure submission, cannot be used for advance refunding submission | String(Min9,Max9) ex: 123456AB7 |
| Offering | Offering Type | Identifies the offering as debt securities, including bonds, notes, certificates of participation and other debt obligations | Enumerated Value: <ul style="list-style-type: none"> • Bond |

| XML Container | Data Tag | Definition | Data Specification |
|---------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Offering | OS Availability Status | Indicates special availability conditions with respect to the official statement, including whether (i) the official statement will be made available late (after closing); (ii) an official statement has not been produced; or (iii) the official statement produced for a limited offering under Rule 15c2-12(d)(1)(i) is available only from the underwriter | Enumerated Value: <ul style="list-style-type: none"> • OSNotAvailableAtClosing • OSAvailableOnlyFromUnderwriter_15c212ExemptLimitedOffering • OSNotProduced_15c212ExemptLimitedOffering • OSNotProduced_15c212ExemptShortTermOffering • OSNotProduced_15c212ExemptPuttableOffering • OSNotProduced_15c212ExemptSmallOffering |
| | POS Availability Status | Indicates special availability conditions with respect to the preliminary official statement where an official statement is not available by closing, including whether (i) the preliminary official statement is being made available or (ii) preliminary official statement has not been produced | Enumerated Value: <ul style="list-style-type: none"> • POSSubmitted • NoPOSPrepared |
| | Underwriting Spread Disclosure Indicator | If underwriting spread not submitted to EMMA, indicates whether underwriting spread or agency fee paid is disclosed in official statement or if not disclosed for a competitive sale. | Enumerated Value: <ul style="list-style-type: none"> • DisclosedInOfficialStatement • NotDisclosed_CompetitiveSale |
| | Underwriting Spread | Underwriting spread or agency fee paid to underwriter in a negotiated offering, if not disclosed in official statement (if Underwriting Spread is in dollars – e.g., express \$1,000,000.00 as 1000000; otherwise if in basis points – e.g., express 25 basis points as 0.25) Interpretation of value: If Underwriting Spread value is greater than 100.00 the value will be interpreted as dollars, otherwise as percent. | Float ex: 450245.55 [dollars] or 0.85 [basis points] |

| XML Container | Data Tag | Definition | Data Specification |
|---------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Offering | Underwriter Assessment Exemption Indicator | <p>Indicates an applicable exception from the underwriting assessment under MSRB Rule A-13(a) for an offering in which all securities in the offering:</p> <ul style="list-style-type: none"> • Have an aggregate par value less than \$1,000,000; • Have a final stated maturity of nine months or less; • At the option of the holder thereof, may be tendered to an issuer of such securities or its designated agent for redemption or purchase at par value or more at least as frequently as every nine months until maturity, earlier redemption, or purchase by an issuer or its designated agent; • Have authorized denominations of \$1000,000 or more and are sold to no more than thirty-five persons each of whom the broker, dealer or municipal securities dealer reasonably believes: (A) has the knowledge and experience necessary to evaluate the merits and risks of the investment; and (B) is not purchasing for more than one account, with a view toward distributing the securities | <p>Enumerated Value:</p> <ul style="list-style-type: none"> • OfferingLessThan1Million • EntireOfferingMatures9MonthsOrLess • EntireOfferingPuttable9MonthsOrLess • Rule15c212d1iExemptLimitedOffering |
| | Underwriter Assessment Discount Indicator | <p>Indicates an applicable discount from the standard underwriting assessment under MSRB Rule A-13(b) for the following offerings:</p> <ul style="list-style-type: none"> • For primary offerings in which all securities offered have a final stated maturity less than two years; or • For primary offerings in which all securities offered, at the option of the holder thereof, may be tendered to an issuer of such securities or its designated agent for redemption or purchase at par value or more at least as frequently as every two years until maturity earlier redemption, or purchase by an issuer or its designated agent. | <p>Enumerated Value:</p> <ul style="list-style-type: none"> • EntireOfferingMatures2YearsOrLess • EntireOfferingPuttable2YearsOrLess |
| Issue | Issue Type | <p>Indicates whether issue is (i) a new issue (including new money issues and current and advance refunding issues), (ii) an outstanding issue that is being remarketed, or (iii) an outstanding issue that is being refunded</p> | <p>Enumerated Value:</p> <ul style="list-style-type: none"> • NewIssue • Remarketed • Refunded |
| | Security Type | <p>Indicates whether (i) nine-digit CUSIP numbers are assigned to the securities in the issue, (ii) no CUSIP numbers are assigned to the securities in the issue, or (iii) only a six-digit CUSIP number has been submitted to EMMA for a commercial paper issue</p> | <p>Enumerated Value:</p> <ul style="list-style-type: none"> • CUSIP-9 • CUSIP-6 • Non-CUSIP |
| | Issuer Name | <p>Full issuer name as it appears on the official statement</p> | <p>Max250Text ex: Emma County Infrastructure Finance Authority</p> |
| | Issue Description | <p>Full issue description as it appears on the official statement</p> | <p>Max250Text ex: Road Improvement Refunding Bonds, Series 2008A</p> |

| XML Container | Data Tag | Definition | Data Specification |
|---------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Issue | Issuer State | Standard state abbreviation | String;StateCode;2 ex: VA |
| | Issue Closing Date | Date on which the issue is expected to settle | CCYY-MM-DD ex: 2008-12-15 |
| | Issue Dated Date | Dated date of the issue | CCYY-MM-DD ex: 2008-12-01 |
| | Original Dated Date | Original dated date of an issue if a new dated date is assigned for the remarketed issue in which the CUSIP number has not changed | CCYY-MM-DD ex: 2008-12-01 |
| | CUSIP6 | Six-digit base CUSIP number for commercial paper issues, as assigned by the CUSIP Service Bureau | String{Min6,Max6} ex: 123456 |
| | Original CUSIP9 Of Remarketed Security | Original nine-digit CUSIP number of the latest maturity of an issue being remarketed if one or more new CUSIP numbers are assigned to the remarketed securities | String{Min9,Max9} ex: 123456AB7 |
| | CUSIP9 OF Latest Maturity On Issue Not Underwritten | Nine-digit CUSIP number of the latest maturity of each issue in the offering that is not underwritten by the underwriter, if any | String{Min9,Max9} ex: 123456AB7 |
| Securities | CUSIP9 | Nine-digit CUSIP number for each security, as assigned by the CUSIP Service Bureau – not provided for securities ineligible for CUSIP numbers and for commercial paper issues | String{Min9,Max9} ex: 123456AB7 |
| | Maturity Date | Maturity date of the security – not provided for commercial paper issues | CCYY-MM-DD ex: 2025-12-01 |
| | Security Dated Date | Dated date of security not eligible for CUSIP number assignment | CCYY-MM-DD ex: 2025-12-01 |
| | Maturity Principal Amount | Total principal amount at maturity of the security – not provided for commercial paper issues | Decimal ex: 5000000 |
| | Initial Offering Price or Yield | Initial offering price or yield of the security – not provided for commercial paper issues | Float ex: 100.5 [price] or 3.95 [yield] |
| | Interest Rate | Interest rate of the security – not provided for commercial paper issues | Decimal ex: 3.9 [fixed rate] or 0 [zero coupon/capital appreciation] or blank [variable rate] |

| XML Container | Data Tag | Definition | Data Specification |
|---------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Securities | Underwritten Indicator | If the underwriter partially underwrites an issue, indicates if a security was not underwritten by the underwriter or if the underwriter underwrote only a portion of a security | Enumerated Value: • NotUnderwritten • PartiallyUnderwritten |
| | Par Value Underwritten | If the underwriter partially underwrites a security (i.e., Underwritten Indicator = Partially Underwritten), par value of the security underwritten by underwriter | Decimal ex: 2500000 |
| | Original CUSIP9 of Refunded Security | For a refunded issue, provides original CUSIP number(s) for security(ies) being advance refunded | String{Min9,Max9} ex: 123456AB7 |
| | New CUSIP9 of Refunded Security | For a refunded issue, provides newly assigned CUSIP number for security (or portion of security) being advance refunded, if new CUSIP number is assigned to all or a portion of the refunded security | String{Min9,Max9} ex: 123456AB7 |
| | New CUSIP9 of Unrefunded Balance | For a refunded issue, provides newly assigned CUSIP number for security (or portion of security) not being advance refunded, if new CUSIP number is assigned to all or a portion of the unrefunded balance of the refunded security | String{Min9,Max9} ex: 123456AB7 |
| Document | Document Type | Indicates type(s) of documents available for the offering, including (i) official statement, (ii) preliminary official statement, (iii) advance refunding document, or (iv) remarketing supplement | Enumerated Value: • OfficialStatement • PreliminaryOfficialStatement • AdvanceRefundingDocument • RemarketingSupplement |
| | Document Description | Document name, if any | Max250Text ex: Official Statement or Preliminary Official Statement or Escrow Deposit Agreement or Reoffering Circular |
| | Document Posting Operation Indicator | Indicates whether file will be appended to any existing files posted for such document or if file will replace all existing files posted for such document | Enumerated Value: • AppendToPostedDocument • ReplacePostedDocument |
| | Document Disclosure Completion Indicator | Indicates whether the file being submitted completes the document disclosure – for a document consisting of a single file, this indicator should reflect "complete" – for a document consisting of multiple files, all files other than the last file should have an indicator reflecting "partial" and the last file should have an indicator reflecting "complete" | Enumerated Value: • Partial • Complete |
| | CUSIP9 Identifier Of Refunding Issue | Nine-digit CUSIP number(s) of the refunding issue | String{Min9,Max9} ex: 123456AB7 |

| XML Container | Data Tag | Definition | Data Specification |
|--------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Document | Original CUSIP9 of Refunded Security | Original CUSIP number for security being refunded, reflecting the CUSIP number of the security immediately preceding the refunding | String{Min9,Max9} ex: 123456AB7 |
| File | File Order | If a document consists of more than one electronic file, provides file sequence information | Integer |
| | Date Received from Issuer | Date that the document was received from the issuer | CCYY-MM-DD ex: 2008-12-08 |
| Underwriter | Managing Underwriter MSRB ID | MSRB-issued registration number of the managing underwriter | Max10Text ex: A12345 |
| Limited Offering Contact | OS Contact Organization Name | Long name of the contact organization responsible for making the official statement available upon request | Max140Text ex: MuniBond Dealer |
| | OS Contact First Name | The first name of the contact person available to making the official statement available upon request | Max25Text ex: Emma |
| | OS Contact Last Name | The last name of the contact person available to making the official statement available upon request | Max25Text ex: Jones |
| | OS Contact Title | The title of the contact person available to making the official statement available upon request | Max140Text ex: Senior Vice President |
| | OS Contact Phone Number | The phone number of the contact person available to making the official statement available upon request | Max14Text ex: 703-555-2222 |
| | OS Contact Phone Number Extension | The extension of the phone number (if any) of the contact person available to making the official statement available upon request | Max6Text ex: 1235 |
| | OS Contact Address | The street address or post office box of the contact person available to making the official statement available upon request | Max140Text ex: 123 Security Road |

| XML Container | Data Tag | Definition | Data Specification |
|--------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Limited Offering Contact | OS Contact City | The address city of the contact person available to making the official statement available upon request | Max25Text ex: Alexandria |
| | OS Contact State | The address state of the contact person available to making the official statement available upon request | String;StateCode;2 ex: VA |
| | OS Contact Zip Code | The address zip code of the contact person available to making the official statement available upon request | Max14Text ex: 22301-5555 |
| | OS Contact Email Address | The email address of the contact person available to making the official statement available upon request | Max140Text ex: ejones@munibonddealer.com |

MSRB Notice 2008-40
EMMA Preliminary Specifications

FIGURE 4

SUBMISSION
REQUIRED/OPTIONAL DATA ELEMENTS

Set forth below is a table showing the relationship between the various submission types and required and optional data tags. As submission messages are processed by EMMA, the message data content will be verified with exception response messages returned to the submitter system. Response messages will be classified as error, warning or informational.

| Submission Data Tags | | | | | | |
|-----------------------------------------------|-------------------------------------------|-----------------------------------|----------------------------------------------------------------|--------------------------------|----------------------------------------|------------------------------------------------|
| Form G-32 Submissions | | | | | | |
| EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| Submission | Submission Type | R | R | R | R | R |
| | Submission Status | R | R | R | R | R |
| | Submission Identifier | O (for subsequent submissions) | R (for subsequent submissions) | O (for subsequent submissions) | R (for subsequent submissions) | R (for subsequent submissions) |
| | Submission Underwritten CUSIP9 Identifier | O (for subsequent submissions) | N/A | O (for subsequent submissions) | N/A | N/A |
| Offering | Offering Type | R | R | R | R | R |
| | OS Availability Status | AA | AA | AA | AA | AA |
| | POS Availability Status | AA | AA | AA | AA | AA |
| | Underwriting Spread Disclosure Indicator | R | R | R | R | N/A |

| Submission Data Tags | | | | | | |
|-----------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------|
| Form G-32 Submissions EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| Offering | Underwriting Spread | R (not required if disclosed in official statement or for competitive sale) | R (not required if disclosed in official statement or for competitive sale) | R (not required if disclosed in official statement or for competitive sale) | R (not required if disclosed in official statement or for competitive sale) | N/A |
| | Underwriter Assessment Exemption Indicator | AA | AA | AA | AA | AA |
| | Underwriter Assessment Discount Indicator | AA | AA | AA | AA | AA |
| Issue | Issue Type | R | R | R | R | R |
| | Security Type | R | R | R | R | R |
| | Issuer Name | R | R | R | R | R (if Security Type = non-CUSIP) |
| | Issue Description | R | R | R | R | R (if Security Type = non-CUSIP) |
| | Issuer State | O | R | O | O | R (if Security Type = non-CUSIP) |
| | Issue Closing Date | R | R | R | R | N/A |
| | Issue Dated Date | O | R | O | O | O |
| Original Dated Date | N/A | N/A | R (only if same CUSIP and dated date has changed) | N/A | N/A | |

| Submission Data Tags | | | | | | |
|-----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------|----------------------------------------|------------------------------------------------|
| Form G-32 Submissions EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| Issue | CUSIP6 | N/A | N/A | N/A | R | N/A |
| | Original CUSIP9 Of Remarketed Security | N/A | N/A | R (only if new CUSIP assigned) | N/A | N/A |
| | CUSIP9 Of Latest Maturity On Issue Not Underwritten | R (only if Non-Underwritten Issue in Offering) | N/A | R (only if Non-Underwritten Issue in Offering) | N/A | N/A |
| Securities | CUSIP9 | R | N/A | R | N/A | AA |
| | Maturity Date | O | R | O | O | AA |
| | Security Dated Date | N/A | R | N/A | N/A | N/A |
| | Maturity Principal Amount | R | R | R | N/A | N/A |
| | Initial Offering Price or Yield | R | R | R | N/A | N/A |
| | Interest Rate (1) | O | R | O | O | O |
| | Underwritten Indicator | R (only if underwrite less than whole Issue) | R (only if underwrite less than whole Issue) | R (only if underwrite less than whole Issue) | N/A | N/A |
| Par Value Underwritten | R (only if Underwritten Indicator = PartiallyUnderwritten) | R (only if Underwritten Indicator = PartiallyUnderwritten) | R (only if Underwritten Indicator = PartiallyUnderwritten) | N/A | N/A | |

| Submission Data Tags | | | | | | |
|-----------------------------------------------------------------|------------------------------------------|-----------------------------------|----------------------------------------------------------------|--------------|----------------------------------------|------------------------------------------------|
| Form G-32 Submissions EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| Securities | Original CUSIP9 of Refunded Security | N/A | N/A | N/A | N/A | R |
| | New CUSIP9 of Refunded Security | N/A | N/A | N/A | N/A | AA |
| | New CUSIP9 of Unrefunded Balance | N/A | N/A | N/A | N/A | AA |
| Document | Document Type | R | R | R | R | R |
| | Document Description | O | O | O | O | O |
| | Document Posting Operation Indicator | O | O | O | O | O |
| | Document Disclosure Completion Indicator | R | R | R | R | R |
| | Original CUSIP9 of Refunded Security | N/A | N/A | N/A | N/A | R |
| | CUSIP9 Identifier Of Refunding Issue | N/A | N/A | N/A | N/A | R |

| Submission Data Tags | | | | | | |
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| Form G-32 Submissions EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| File | File Order | O | O | O | O | O |
| | Date Received from Issuer | R | R | R | R | R |
| Underwriter | Managing Underwriter MSRB ID | R | R | R | R | R |
| Limited Offering Contact | OS Contact Organization Name | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | OS Contact First Name | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | OS Contact Last Name | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |

| Submission Data Tags | | | | | | |
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| Form G-32 Submissions | | | | | | |
| EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| Limited Offering Contact | OS Contact Title | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | OS Contact Phone Number | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | OS Contact Phone Number Extension | AA | AA | AA | AA | AA |
| | OS Contact Address | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |

| Submission Data Tags | | | | | | |
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| Form G-32 Submissions | | | | | | |
| EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| Limited Offering Contact | OS Contact City | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | OS Contact State | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | OS Contact Zip Code | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | OS Contact Email Address | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering | R (only if OS Availability Status = OS Available Only From Underwriter_15c212 Exempt LimitedOffering |
| | | | | | | |

| Submission Data Tags | | | | | | |
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| Form G-32 Submissions | | | | | | |
| EMMA Primary Market Disclosure Service | | | | | | |
| XML Container | Data Tag | Primary Market Disclosures | | | | Advance Refunding Disclosures [Refunded Issue] |
| | | [New Issue] CUSIP based (CUSIP-9) | [New Issue] Ineligible for CUSIP Number Assignment (non-CUSIP) | [Remarketed] | [New Issue] Commercial Paper (CUSIP-6) | |
| Footnotes: | | | | | | |
| R | Required for a complete data submission | | | | | |
| O | Optional | | | | | |
| AA | As Applicable | | | | | |
| N/A | Not Applicable – signifies that no data is to be provided for a particular data element either because such data is not needed for such submission or such data will be derived from other sources available to the MSRB – any data supplied for a data element marked as N/A will not be used for purposes of EMMA portal or subscription dissemination | | | | | |
| (1) | Interest Rate should be - Blank for Variable Rate, 0 (zero) for Zero Coupon | | | | | |