

SUBSCRIPTION– DATA TAG GLOSSARY

Set forth below is a glossary of all data tags to be used in EMMA’s automated subscription interface for data 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.

Subscription Data Tags Description and Specification EMMA Continuing Disclosure Service			
XML Container	Data Tag	Definition	Data Specification
Submission	Submission Identifier	Unique identifier assigned by EMMA at time of initiation of data submission (the initial submission event) and used by the submitter in connection with subsequent submission events, including document submission	Max25Text ex: S212345678910
	Submission Status	Indicates the intention to publish the information in the EMMA public portal or to submit as test submission – test submissions are not disseminated	Enumerated Value: • Publish

XML Container	Data Tag	Definition	Data Specification
Disclosure	Disclosure Type	<p>Indicates the type of continuing disclosure filing as follows:</p> <ul style="list-style-type: none"> • Financial Operating Filing - Submit annual financial information under SEC Rule 15c2-12(b)(5)(i)(A) and (d)(2)(ii)(A), audited financial statements under Rule 15c2-12(b)(5)(i)(B), notice of failure to provide annual financial information under Rule 15c2-12(b)(5)(i)(D), and other voluntary financial or operating information. • Event Filing - Submit notice of a material event specified under SEC Rule 15c2-12(b)(5)(C) and (d)(2)(ii)(B), and any other event-based voluntary notice or disclosure with respect to municipal securities. • DisclosureWithoutIndexingInformationPreJuly09Undertaking - This continuing disclosure document is being submitted without indexing information in connection with securities subject to a continuing disclosure undertaking entered into prior to July 1, 2009. <ul style="list-style-type: none"> ○ Unindexed continuing disclosure documents will be posted on the EMMA Portal without indexing information, but accompanied by the submitter's contact information, and also will be disseminated to EMMA's continuing disclosure subscribers together with the submitter's contact information. ○ <u>Filing without indexing information is strongly discouraged</u> - Failure to provide indexing information will dramatically impact the effectiveness of your disclosure to the detriment of investors in your securities. 	<p>Enumerated Value:</p> <ul style="list-style-type: none"> • FinancialOperatingDataDisclosure • EventBasedDisclosure • DisclosureWithoutIndexingInformationPreJuly09Undertaking

XML Container	Data Tag	Definition	Data Specification
Disclosure	Financial Operating Disclosure Category	Indicates the financial operating disclosure category to which the filing applies. One or more categories may apply to a single filing	Enumerated Value: <ul style="list-style-type: none"> • AnnualFinancialInformationOperatingData15c212 • AuditedFinancialStatementsOrCAFR15c212 • FailureToProvideAnnualFinancialInformationAsRequired15c212 • QuarterlyMonthlyFinancialInformation • ChangeInFiscalYearTimingOfAnnualDisclosure • ChangeInAccountingStandard • InterimAdditionalFinancialInformationOperatingData • Budget • InvestmentDebtFinancialPolicy • InformationProvidedToRatingAgencyOrCreditLiquidityProviderOrOtherThirdParty • ConsultantReport • OtherFinancialVoluntaryInformation

XML Container	Data Tag	Definition	Data Specification
Disclosure	Event Disclosure Category	Indicates the event-based disclosure categories to which the filing applies. One or more categories may apply to a single filing ex: a filing may include a notice of Bond Call and Defeasance	Enumerated Value: <ul style="list-style-type: none"> • PrincipalInterestPaymentDelinquency • NonPaymentRelatedDefault • UnscheduledDrawOnDebtServiceReserveReflectingFinancialDifficulties • UnscheduledDrawOnCreditEnhancementReflectingFinancialDifficulties • SubstitutionOfCreditOrLiquidityProviderOrItsFailureToPerform • AdverseTaxOpinionOrEventAffectingTheTaxExemptStatusOfTheSecurity • ModificationToTheRightsOfSecurityHolders • BondCall • Defeasance • ReleaseOrSubstitutionOrSaleOfPropertySecuringRepaymentOfTheSecurity • RatingChange • AmendmentToContinuingDisclosureUndertaking • ChangeInObligatedPerson • NoticeToInvestorsPursuantToBondDocuments • CommunicationFromTheInternalRevenueService • TenderOfferSecondaryMarketPurchases • BidForAuctionRateOrOtherSecurities • CapitalOrOtherFinancingPlan • LitigationEnforcementAction • MergerConsolidationReorganizationInsolvencyBankruptcy • ChangeOfTrusteeTenderAgentRemarketingAgentOrOtherOnGoingParty • DerivativeOrOtherSimilarTransaction • OtherEventVoluntaryInformation
	Other Voluntary Disclosure Description	Indicates the description of a voluntary disclosure filing for Financial Operating Disclosure or Event Disclosure	Max140Text ex: Description of other voluntary disclosure

XML Container	Data Tag	Definition	Data Specification
	Period Type	For Financial Operating Filings, is used to indicate if the type of period covered by the filing. The period type is used in combination with Disclosure Period ex. <i>PeriodType</i> <YearEnded> <EndingDate, 2008-12-31>	Enumerated Value: <ul style="list-style-type: none"> • YearEnded • QuarterEnded • MonthBeginning • OtherPeriodBeginning
	Disclosure Period	For Financial Operating Filings, used in conjunction with Period Type to indicate the applicable beginning and/or end date(s) For Event Filings, used without Period Type to indicate as of date of submitted document if other than the actual date of submission ex: Financial Operating Filing – Audited Financial Statements or CAFR (Rule 15c2-12) – <i>PeriodType</i> <OtherPeriodBeginning> <Beginning Date, 2009-06-31> <Ending Date, 2009-12-31> ex: Event Filing – Bond Call -- <AsOfDate, 2009-12-31>	Attributes: <ul style="list-style-type: none"> • Period Type (see enumerated values above) • AsOfDate (ISODate) ex: 2009-06-31 • BeginningDate (ISODate) ex: 2009-09-30 • EndingDate (ISODate) ex: 2009-12-31
Securities	Security Type	Indicates the disclosure as being CUSIP9 based, Commercial Paper, nonCUSIP (Ineligible for CUSIP Number Assignment) or Municipal Fund Security (529 Plan or Other Municipal Fund Security)	Enumerated Value: <ul style="list-style-type: none"> • CUSIP9 • CommercialPaper • nonCUSIP • MunicipalFundSecurity
	Security	Indicates the nine-digit CUSIP number(s) to which the disclosure applies if the Security Type is CUSIP9, or the six-digit CUSIP6 number(s) if the Security Type is CommercialPaper. If the Security Type is nonCUSIP or Municipal Fund Security, the security descriptors of Issuer Name, Issue Description, Issuer State and Issue Date Date will be included as appropriate	CUSIP9 String{Min9,Max9} ex: 123456AB7 IF :Security Type is CUSIP9, or CUSIP6 String{Min6,Max6} ex: 123456 IF : Security Type is CommercialPaper
Document	Document Identifier	EMMA-assigned unique identifier for a document of specific document type	Max25Text ex: 2535
	Document Status	Indication of the active state of a document consisting of current and archived	Enumerated Value: <ul style="list-style-type: none"> • Current • Archived • Removed

XML Container	Data Tag	Definition	Data Specification
	Document Posting Date	The date the document was posted to the public on EMMA	CCYY-MM-DD ex: 2008-12-08
	Document Archive Date	The date the document was moved to the EMMA archive	CCYY-MM-DD ex: 2008-12-08
	Document Remove Date	The date the document was removed from a submission on the EMMA primary market disclosure service	CCYY-MM-DD ex: 2008-12-08
File	File Identifier	EMMA-assigned unique identifier for electronic file(s) constituting the submitted document	Max25Text ex: MS223986-1
	File Order	If a document consists of more than one electronic file, provides file sequence information	Integer ex: 24
	File Status	Indication of the active state of a file consisting of current and archived	Enumerated Value: • Current • Archived • Removed
	File Posting Date	The date the file was posted to the public on EMMA	CCYY-MM-DD ex: 2008-12-08
	File Archive Date	The date the file was moved to the EMMA archive	CCYY-MM-DD ex: 2008-12-08
	File Remove Date	The date the file was removed from a submission on the EMMA primary market disclosure service	CCYY-MM-DD ex: 2008-12-08
Contact Information	Contact Type	Indicates organization type of contact that the public should contact with questions about the submitted disclosure	Enumerated Value: • Issuer • Obligor
	Contact Organization Name	Full name of the contact organization that the public should contact with questions about the submitted disclosure	Max140Text ex: MuniBond Dealer
	Contact First Name	The first name of the contact person that the public should contact with questions about the submitted disclosure	Max25Text ex: Emma
	Contact Last Name	The last name of the contact person that the public should contact with questions about the submitted disclosure	Max25Text ex: Jones
	Contact Title	The title of the contact person that the public should contact with questions about the submitted disclosure	Max140Text ex: Senior Vice President

XML Container	Data Tag	Definition	Data Specification
Contact Information	Contact Phone Number	The phone number of the contact person that the public should contact with questions about the submitted disclosure	Max15Text ex: 703-555-2222
	Contact Phone Number Extension	The extension of the phone number (if any) of the contact person that the public should contact with questions about the submitted disclosure	Max6Text ex: 1235
	Contact Address	The street address or post office box of the contact person that the public should contact with questions about the submitted disclosure	Max140Text ex: 123 Security Road
	Contact City	The address city of the contact person that the public should contact with questions about the submitted disclosure	Max25Text ex: Alexandria
	Contact State	The address state of the contact person that the public should contact with questions about the submitted disclosure	String;StateCode;2 ex: VA
	Contact Zip Code	The address zip code of the contact person that the public should contact with questions about the submitted disclosure	Max15Text ex: 22301-5555
	Contact Email Address	The email address of the contact person that the public should contact with questions about the submitted disclosure	Max50Text ex: issuer@issuer.com

SUMMARY OF CHANGES FROM PRELIMINARY SPECIFICATIONS

(underlining indicates additions; strikethrough indicates deletions)

Disclosure Container:

Financial Operating Disclosure Category	<p>Indicates the financial operating disclosure category to which the filing applies. One or more categories may apply to a single filing</p> <p>NOTE ON BETA PLATFORM: Enumerated Values marked with (*) are not recognized in the initial beta platform for test submissions as described in MSRB Notice 2009-14 (April 22, 2009)</p>	<p>Enumerated Value:</p> <ul style="list-style-type: none">• AnnualFinancialInformationOperatingData15c212• AuditedFinancialStatementsOrCAFR15c212• FailureToProvideAnnualFinancialInformationAsRequired15c212• QuarterlyMonthlyFinancialInformation• ChangeInFiscalYearTimingOfAnnualDisclosure• ChangeInAccountingStandard• InterimAdditionalFinancialInformationOperatingData• Budget• InvestmentDebtFinancialPolicy• <u>InformationMaterial</u>ProvidedToRatingAgencyOrCreditLiquidityProvider<u>OrOtherThirdParty</u>• ConsultantReport• OtherFinancialVoluntaryInformation
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<p>Event Disclosure Category</p>	<p>Indicates the event-based disclosure categories to which the filing applies. One or more categories may apply to a single filing ex: a filing may include a notice of Bond Call and Defeasance</p> <p>NOTE ON BETA PLATFORM: Enumerated Values marked with (*) are not recognized in the initial beta platform for test submissions as described in MSRB Notice 2009-14 (April 22, 2009)</p>	<p>Enumerated Value:</p> <ul style="list-style-type: none"> • PrincipalInterestPaymentDelinquency • NonPaymentRelatedDefault • UnscheduledDrawOnDebtServiceReserveReflectingFinancialDifficulties • UnscheduledDrawOnCreditEnhancementReflectingFinancialDifficulties • SubstitutionOfCreditOrLiquidityProviderOrItsFailureToPerform • AdverseTaxOpinionOrEventAffectingTheTaxExemptStatusOfTheSecurity • ModificationToTheRightsOfSecurityHolders • BondCall • Defeasance • ReleaseOrSubstitutionOrSaleOfPropertySecuringRepaymentOfTheSecurity • RatingChange • AmendmentToContinuingDisclosureUndertaking • ChangeInObligatedPerson • NoticeToInvestorsPursuantToBondDocuments • CommunicationFromTheInternalRevenueService • TenderOfferSecondaryMarketPurchases • BidForAuctionRateOrOtherSecurities • CapitalOrOtherFinancingPlan • LitigationEnforcementAction • MergerConsolidationReorganizationInsolvencyBankruptcy • ChangeOfTrusteeTenderAgentRemarketingAgentOrOtherOngoingParty • DerivativeOrOtherSimilarTransaction • OtherEventVoluntaryInformation
<p>Period Type</p>	<p>For Financial Operating Filings, is used to indicate if the type of period covered by the filing. The period type is used in combination with Disclosure Period ex. PeriodType <YearEnded> <EndingDate, 2008-12-31></p> <p>NOTE ON BETA PLATFORM: The initial beta platform selections for this element differ and instead include 'fiscal year', 'calendar year' and 'quarterly'. Test submissions made to the beta platform should use these alternative elements.</p>	<p>Enumerated Value:</p> <ul style="list-style-type: none"> • YearEnded • QuarterEnded • MonthBeginning • OtherPeriodBeginning

<p>Disclosure Period</p>	<p>For Financial Operating Filings, used in conjunction with Period Type to indicate the applicable beginning and/or end date(s) For Event Filings, used without Period Type to indicate as of date of submitted document if other than the actual date of submission ex: Financial Operating Filing – Audited Financial Statements or CAFR (Rule 15c2-12) – PeriodType <OtherPeriodBeginning> <Beginning Date, 2009-06-31> <Ending Date, 2009-12-31> ex: Event Filing – Bond Call -- <AsOfDate, 2009-12-31></p> <p>NOTE ON BETA PLATFORM: The initial beta platform selections for this element differ and instead include ‘from date’, ‘to date’ and ‘end as of date’. Test submissions made to the beta platform should use these alternative elements.</p>	<p>Attributes:</p> <ul style="list-style-type: none"> • Period Type (see enumerated values above) • AsOfDate (ISODate) ex: 2009-06-31 • BeginningDate (ISODate) ex: 2009-09-30 • EndingDate (ISODate) ex: 2009-12-31
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Securities Container:

<p><u>Securities</u></p>	<p><u>Security Type</u></p>	<p><u>Indicates the disclosure as being CUSIP9 based, Commercial Paper, nonCUSIP (Ineligible for CUSIP Number Assignment) or Municipal Fund Security (529 Plan or Other Municipal Fund Security)</u></p>	<p><u>Enumerated Value:</u></p> <ul style="list-style-type: none"> • <u>CUSIP9</u> • <u>CommercialPaper</u> • <u>nonCUSIP</u> • <u>MunicipalFundSecurity</u>
	<p><u>Securityies</u></p>	<p>Indicates the nine-digit CUSIP number(s) to which the disclosure applies <u>if the Security Type is CUSIP9, or the six-digit CUSIP6 number(s) if the Security Type is CommercialPaper. If the Security Type is nonCUSIP or Municipal Fund Security, the security descriptors of Issuer Name, Issue Description, Issuer State and Issue Date Date will be included as appropriate</u></p> <p>NOTE: B2B submissions are not available for ineligible for CUSIP number assignment filings</p>	<p><u>CUSIP9</u> String{Min9,Max9} ex: 123456AB7 <u>IF :Security Type is CUSIP9, or CUSIP6</u> String{Min6,Max6} ex: 123456 <u>IF : Security Type is CommercialPaper</u></p>
	<p><u>CUSIP6 Security Pointers</u></p>	<p><u>Indicates the six-digit CUSIP6 number(s) to which the disclosure applies if a disclosure applies to ALL securities under that CUSIP6.</u></p>	<p>String{Min6,Max6} ex: 123456</p>