

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.

<p align="center">Submission Data Tags Description and Specification</p> <p align="center">EMMA Continuing Disclosure Service</p>				
XML Container	Data Tag	Definition	Data Specification	Required / Optional
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	As Applicable
	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: <ul style="list-style-type: none"> • Publish • Test 	Required

XML Container	Data Tag	Definition	Data Specification	Required / Optional
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. • DisclosureWithoutIndexingInformationPreJuly09 Undertaking - 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 	Required

XML Container	Data Tag	Definition	Data Specification	Required / Optional
Disclosure	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* • MaterialProvidedToRatingAgencyOrCreditLiquidityProvider* • ConsultantReport* • OtherFinancialVoluntaryInformation 	<p>Required for Disclosure Type = Financial Operating Filing</p>

XML Container	Data Tag	Definition	Data Specification	Required / Optional
Disclosure	Event Disclosure Category	<p>Indicates the event-based disclosure categories to which the filing applies. One or more categories may apply to a single filing</p> <p>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* • MergerConsolidationRreorganizationInsolvencyBankruptcy* • ChangeOfTrusteeTenderAgentRemarketingAgentOrOtherOnGoingParty* • DerivativeOrOtherSimilarTransaction* • OtherEventVoluntaryInformation 	Required for Disclosure Type = Event Filing
	Other Voluntary Disclosure Description	Indicates the description of a voluntary disclosure filing for Financial Operating Disclosure or Event Disclosure	<p>Max140Text</p> <p>ex: Description of other voluntary disclosure</p>	As Applicable

XML Container	Data Tag	Definition	Data Specification	Required / Optional
Disclosure	Period Type	<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 <i>ex. PeriodType <YearEnded> <EndingDate, 2008-12-31></i></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>Required for Disclosure Type = Financial Operating Filing</p>
	Disclosure Period	<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 <i>ex: Financial Operating Filing – Audited Financial Statements or CAFR (Rule 15c2-12) – PeriodType <OtherPeriodBeginning> <Beginning Date, 2009-06-31> <Ending Date, 2009-12-31></i> <i>ex: Event Filing – Bond Call -- <AsOfDate, 2009-12-31></i></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) <i>ex: 2009-06-31</i> • BeginningDate (ISODate) <i>ex: 2009-09-30</i> • EndingDate (ISODate) <i>ex: 2009-12-31</i> 	<p>Required for Disclosure Type = Financial Operating Filing/ Optional for Disclosure Type = Event Filing</p>

XML Container	Data Tag	Definition	Data Specification	Required / Optional
Disclosure	CUSIP6 Security Pointers	Indicates the six-digit CUSIP6 number(s) to which the disclosure applies if a disclosure applies to ALL securities under that CUSIP6.	String{Min6,Max6} ex: 123456	As Applicable (CUSIP6 Security Pointers and/or Securities Required for Disclosure Type = Financial Operating Filing or Event Filing)
	Securities	Indicates the nine-digit CUSIP number(s) to which the disclosure applies NOTE: B2B submissions are not available for ineligible for CUSIP number assignment filings	String{Min9,Max9} ex: 123456AB7	As Applicable (Securities and/or CUSIP6 Security Pointers Required for Disclosure Type = Financial Operating Filing or Event Filing)
Document	Document Posting Operation Indicator	Only for modifications of original document submissions – 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	As Applicable
Contact Information	Contact Type	Indicates organization type of contact that the public should contact with questions about the submitted disclosure	Enumerated Value: • Issuer • Obligor	Optional
	Contact Organization Name	Full name of the contact organization that the public should contact with questions about the submitted disclosure	Max140Text ex: MuniBond Dealer	Required if contact provided
	Contact First Name	The first name of the contact person that the public should contact with questions about the submitted disclosure	Max25Text ex: Emma	Required if contact provided

XML Container	Data Tag	Definition	Data Specification	Required / Optional
Contact Information	Contact Last Name	The last name of the contact person that the public should contact with questions about the submitted disclosure	Max25Text ex: Jones	Required if contact provided
	Contact Title	The title of the contact person that the public should contact with questions about the submitted disclosure	Max140Text ex: Senior Vice President	Required if contact provided
	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	Required if contact provided
	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	As Applicable
	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	Required if contact provided
	Contact City	The address city of the contact person that the public should contact with questions about the submitted disclosure	Max25Text ex: Alexandria	Required if contact provided
	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	Required if contact provided
	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	Required if contact provided
	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	Required if contact provided