SUBMISSION VALIDATION RESPONSE MESSAGE MODEL

As submission messages are processed by EMMA, the message content will be verified relative to business rules of expected data relationships by submission type. Exception response messages will be returned to the submitter system when certain types of conditions exist with respect to the data submitted. Response messages are classified as Error, Warning and Info depending on the nature and severity of the exception as follows:

- 1. Error message indicates termination of message processing with failure of the intended action. The submitter should take appropriate corrective action and re-submit as appropriate.
- 2. Warning message indicates a potential problem that deserves attention and correction as appropriate; however, the requested action is fulfilled.
- 3. Information message indicates certain action taken by EMMA that does not materially affect completeness of the submission but of which the submitter should be aware.

An abstract representation of a Response Message, shown below, will be returned to the Submitter System with the Response Message Content, defined in the table below, contained in the body of the message.

(SOAP Envelope) (Header) WebServices Protocol Support (Body) SubmissionID SubmissionStatus (Accepted, Rejected, Updated, Added) MessageReturnCode (Error, Warning, Information]) MessageContent [Data Tag, Description])

Below is a sample Response Message trace where a submission event has been confirmed as added successfully. This sample is intended to show the general structure of response messages.

Response Message – Sample Trace File

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
 <s:Header>
        <Action s:mustUnderstand="1"
xmlns="http://schemas.microsoft.com/ws/2005/05/addressing/none">http://emma.msrb.org/schemas/disclosureservice/IDisclosureService/OpenSubmissi
onResponse
        </Action>
 </s:Header>
 <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
        <DisclosureMessageResponse xmlns="http://emma.msrb.org/schemas/disclosuremessages">
          <DisclosureResponseDetails xmlns="http://emma.msrb.org/schemas/disclosureservice">
                <Submission SubmissionID="EA1734" SubmissionStatus="Added"</pre>
                         xmlns="http://emma.msrb.org/schemas/disclosuremessages/types">
                </Submission>
                <Message MessageReturnCode="Information" MessageContent="Advance refunding submission added."</p>
                        xmlns="http://emma.msrb.org/schemas/disclosuremessages/types">
                </Message>
          </DisclosureResponseDetails>
        </DisclosureMessageResponse>
  </s:Body>
</s:Envelope>
```