

**MeF State and Trading Partners
Interface Control Document (ICD)
Excise Tax Supplement**

Version 1.2

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Section 1. Interaction with Third Party Transmitters and States

1.1 Interface Overview

The data are exchanged between the IRS external Third Party Transmitters and States and the Excise Tax e-File and Compliance (ETEC) and MeF systems via Simple Object Access Protocol (SOAP) messages or files. The SOAP data structures are specified in this document. As illustrated in Figure 1-1, ETEC and MeF Interface Overview, there are two data communication channels between the ETEC external clients the ETEC and MeF systems. Only the details for the A2A channel ETEC Services are presented in this document.

- The Internet Filing Application (IFA) channel
In the IFA channel, the data are exchanged in files with SOAP data structures using the HTML transport mechanism over an HTTPS SSL connection.
- The Application-to-Application (A2A) channel
In the A2A channel (for ETEC and MeF), the data are exchanged in SOAP messages using the Web Services request-response model transport mechanism over an HTTPS SSL connection.

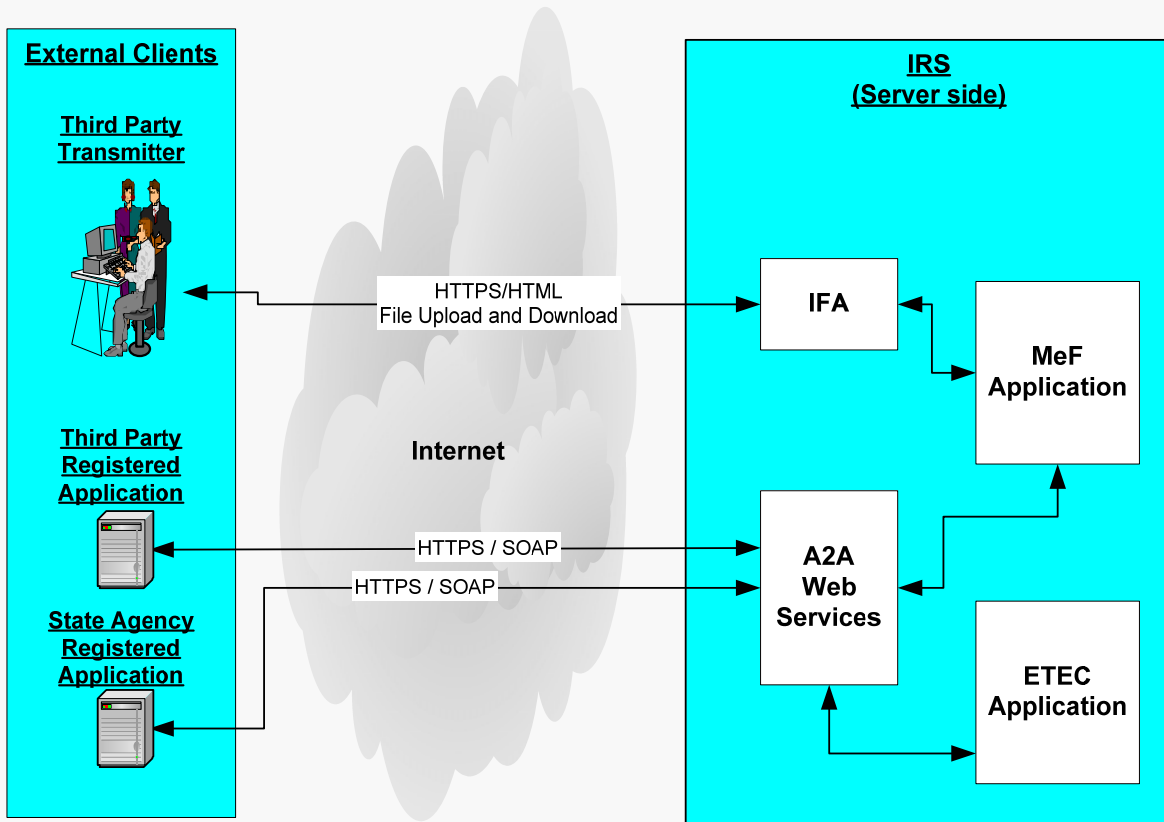


Figure 1-1. ETEC and MeF Interface Overview

1.2 Basic SOAP Message Structure

The Web Services A2A channel uses SOAP messages. This section describes the logical structure of basic messages with a SOAP Header and SOAP Body blocks within a SOAP message Envelope. The SOAP header contains the WS-Security and MeFHeader elements. The SOAP Body contains the ETEC Message elements and attachment information (if any).

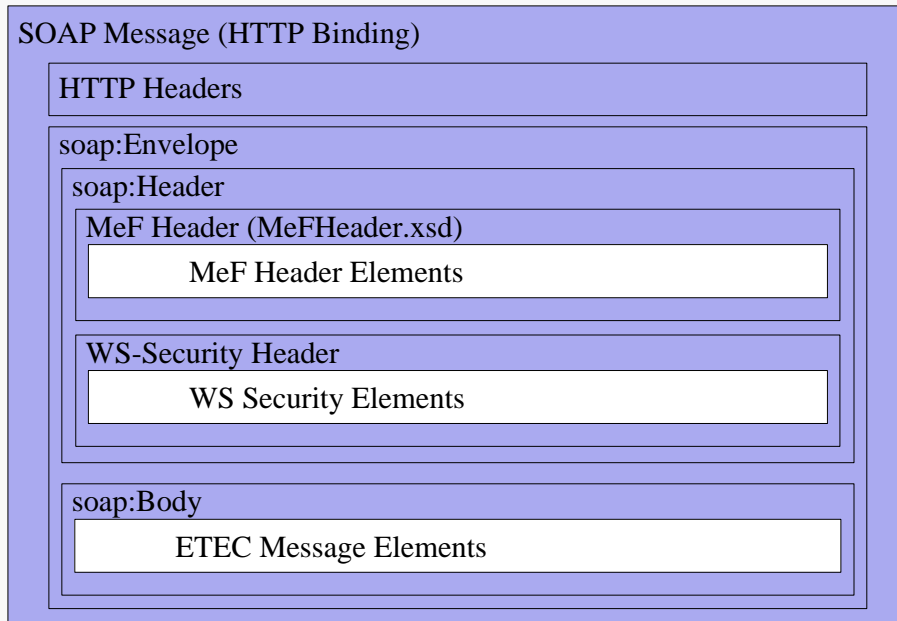


Figure 1-2. ETEC and MeF Basic SOAP Message for HTTP Binding

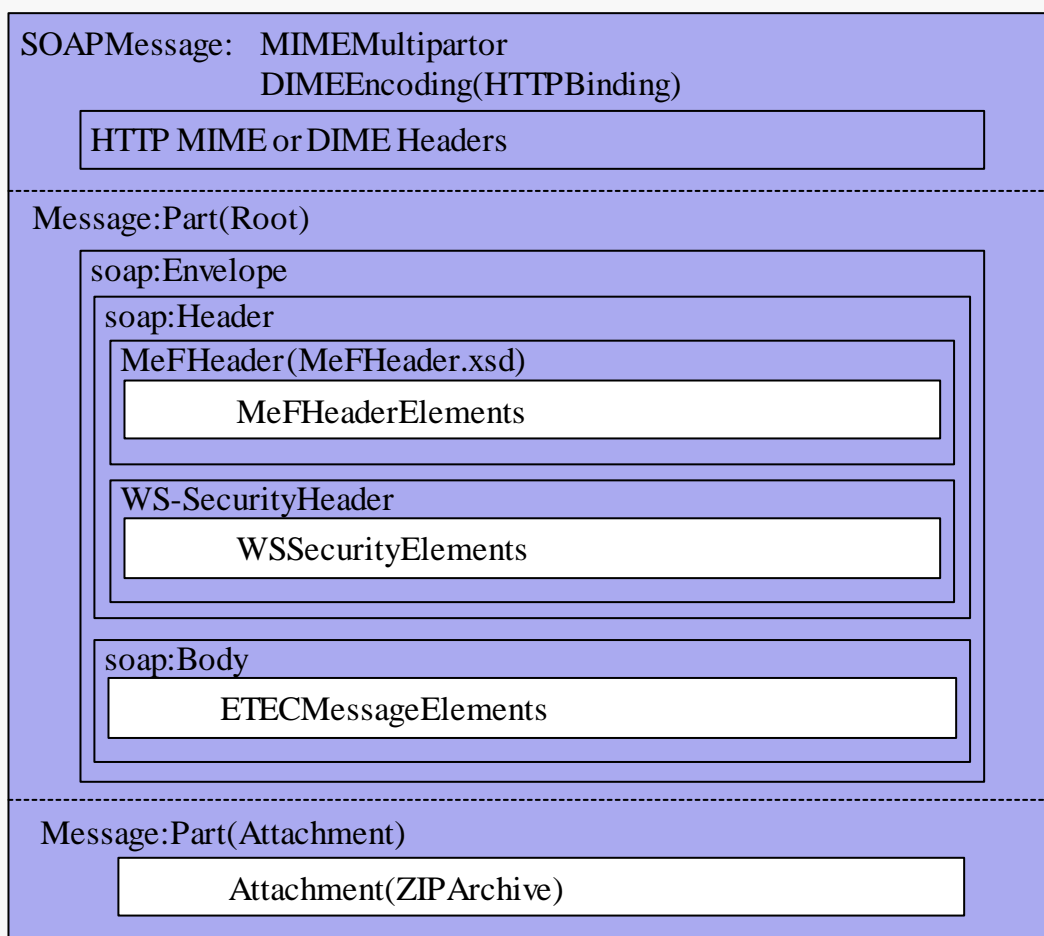


Figure 1-3. ETEC and MeF Basic SOAP with Attachments Message Structure

1.3 SOAP Header

The SOAP Header specification is to be provided by the state or transmitter application. There are two SOAP Header element structures allowed in SOAP messages on the A2A channel:

- **MeF Header**
- provides elements required for all SOAP messages on the A2A channel.
- **WS-Security**
- provides mechanisms for user identification and assertions in SOAP messages.

For further details on the SOAP Header, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

1.4 SOAP Body

The SOAP Body contains the request message and any attachment provided by the state or transmitter application. For responses, the SOAP body contains the response message and any attachment or a SOAP Fault returned by the service.

1.4.1 Message Attachments Zip File Format

Only a single zip file will be accepted as an attachment sent by a Transmitter application and only a single zip file will be returned as an attachment by a service. This zip file attachment is a container zip file compatible with the PKWARE version 6.2.0 specification that contains one of more data items (submissions, acknowledgements, notifications, statuses or receipts). For Transmitters each data item must always be within its own inner zip file. The inner zip file(s) should be compressed; the outer container zip file must be an uncompressed zip file.

1.4.2 Message Attachments Content Type

The attachments sent by Transmitters and States must have the attachment content type specified as type “application/zip.” The Multimedia Internet Message Extensions (MIME) Web Services Description Language (WSDL) files all specify this in the **mime:content** specification for the attachments. However, the WSDL syntax for Direct Internet Message Encapsulation (DIME) does not allow for such a specification. Nevertheless, when sending in a request that includes an attachment, DIME users must set the attachment content type to “application/zip.”

1.5 MeFHeader Elements

Every SOAP message request and response for a Web service from and to a State and Third-Party Transmitter on the A2A channel must contain a MeFHeader in the SOAP message header. For complete details on the MeFHeader, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

Element	Contents
MessageID	This Message ID
RelatesTo	For response messages the request Message ID it relates to
Action	The service operation to invoke
Timestamp	The date and time this message was created
ETIN	The ETIN of the party associated with this message
SessionIndicator	Indicates whether a session key is returned (Y or N)
TestIndicator	Indicates whether the service request is for test(T) or production(P)
NotificationResponse	Indicates the notification type and date/time
AppSysID	Application System ID (User ID) of the A2A client calling this Web service. Mandatory for Strong Authentication users

1.6 ETEC A2A Web Services Summary

The ETEC A2A Web Services for the Transmitter and State Clients are:

- **ETEC State Services**
 - GetVinData
- **Transmitter Services DIME**
 - GetNew2290Schedule1s, Get2290Schedule1sByMsgID, Get2290Schedule1s, Get2290Schedule1
- **Transmitter Services MIME**
 - GetNew2290Schedule1s, Get2290Schedule1sByMsgID, Get2290Schedule1s, Get2290Schedule1

ETEC clients will also be allowed to use the MeF A2A Web Services. Specifically it is expected that Third Party Transmitters will use the MeF SendSubmissions service to submit Forms 2290(Heavy Highway Vehicle Use Tax Return), 720(Quarterly Federal Excise Tax Return) and 8849(Claim for Refund of Excise Taxes). Both States and Third Party Transmitters will be allowed to use the MSI services. ETEC State clients will only be allowed access to the GetVinData state service. The MeF A2A services available for use by ETEC clients are:

- **Modernized System Infrastructure (MSI) Services**
 - InitialLogin, Login, Logout, ChangePassword, EtinRetrieval, EtinStatus, GetStateParticipantsList
- **Transmitter Services**
 - SendSubmissions, GetNewAcks, GetAcksByMsgID, GetAcks, GetAck, GetNewSubmissionsStatus, GetSubmissionsStatus, GetSubmissionStatus

For the list of URL addresses for the MeF services, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

The URL addresses for accessing the ETEC services from the client applications on the A2A channel are in the table below.

<u>ETEC URLs</u>
State Services
https://la.www4.irs.gov/a2a/etec/GetVinData
Transmitter Services DIME
https://la.www4.irs.gov/a2a/mef/dime/GetNew2290Schedule1s
https://la.www4.irs.gov/a2a/mef/dime/Get2290Schedule1sByMsgID
https://la.www4.irs.gov/a2a/mef/dime/Get2290Schedule1s
https://la.www4.irs.gov/a2a/mef/dime/Get2290Schedule1
Transmitter Services MIME
https://la.www4.irs.gov/a2a/mef/mime/GetNew2290Schedule1s
https://la.www4.irs.gov/a2a/mef/mime/Get2290Schedule1sByMsgID
https://la.www4.irs.gov/a2a/mef/mime/Get2290Schedule1s
https://la.www4.irs.gov/a2a/mef/mime/Get2290Schedule1

The following table lists the interface messages for each service:

<i>ETEC.</i> <i>Request and Response Messages for A2A</i>
<i>State Services Messages</i>
GetVinDataRequestMessage
GetVinDataResponseMessage
<i>Transmitter Services Messages</i>
GetNew2290Schedule1sRequestMessage
GetNew2290Schedule1sResponseMessage
Get2290Schedule1sByMsgIDRequestMessage
Get2290Schedule1sByMsgIDResponseMessage
Get2290Schedule1sRequestMessage
Get2290Schedule1sResponseMessage
Get2290Schedule1RequestMessage
Get2290Schedule1ResponseMessage

The style used in the following sections to describe the A2A services warrants explanation. Each service section begins with a service description indicating the service intent, the request message and response message elements and what conditions will result in an error being returned. The subsections that follow contain diagrams illustrating the message elements and sub-elements for the requests, responses and exceptions (errors). For example:

- Section 1.6.1.2 describes the Get2290Schedule1 service, the request and response message elements.
- Subsection 1.6.1.2.1 illustrates the Get2290Schedule1 Request message elements.
- Subsection 1.6.1.2.2 illustrates the Get2290Schedule1 Response message elements.

1.6.1 Third Party Transmitter Web Services

The web services pertinent to the Third Party transmitters are described in the following sections. The web service descriptions and SOAP message contents for the MIME (J2EE) and the DIME (.NET) clients are identical except for the attachment transport mechanism. Therefore, a single set of service and message descriptions is applicable to both MIME and DIME clients.

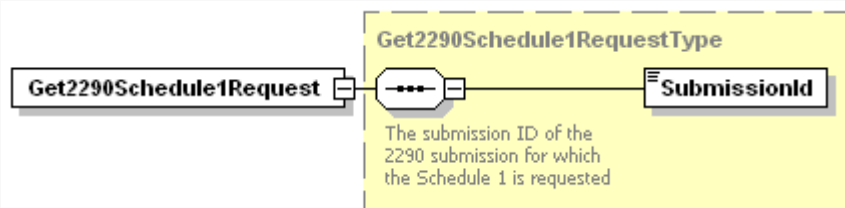
services	bindings	porttypes	messages
Get2290Schedule1	Get2290Schedule1	Get2290Schedule1	Get2290Schedule1Request
Get2290Schedule1s	Get2290Schedule1s	Get2290Schedule1s	Get2290Schedule1Response
Get2290Schedule1sByMsgID	Get2290Schedule1sByMsgID	Get2290Schedule1sByMsgID	Get2290Schedule1sByMsgIDRequest
			Get2290Schedule1sByMsgIDResponse
GetNew2290Schedule1s	GetNew2290Schedule1s	GetNew2290Schedule1s	Get2290Schedule1sRequest
			Get2290Schedule1sResponse
			GetNew2290Schedule1sRequest
			GetNew2290Schedule1sResponse
			MeFException

1.6.1.1 Get 2290Schedule1

Third Party Transmitters will have authorization to programmatically request a Web Service to retrieve a form 2290 Schedule1 for a specified submission ID. The requesting system will provide a Get2290Schedule1Request message in the SOAP body containing the submission ID. If successful, the service returns an empty Get2290Schedule1Response message tag in the SOAP body and a single zip file attachment containing the 2290 Schedule1 form. If the submission ID is not found or any other error occurs, a SOAP fault message will be returned to the requesting system.

1.6.1.1.1 element Get2290Schedule1Request

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [Get2290Schedule1RequestType](#)

properties content complex

children [SubmissionId](#)

source `<xsd:element name="Get2290Schedule1Request" type="Get2290Schedule1RequestType"/>`

```

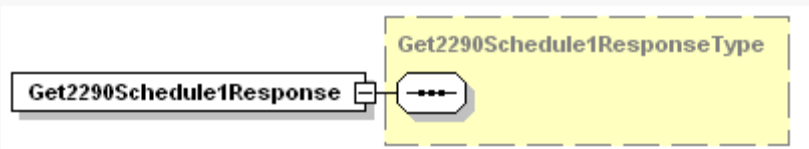
<xsd:complexType name="Get2290Schedule1RequestType">
  <xsd:sequence>
    <xsd:element name="SubmissionId" type="SubmissionIdType"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:simpleType name="SubmissionIdType">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="[0-9]{13}[a-z0-9]{7}"/>
  </xsd:restriction>
</xsd:simpleType>

```

1.6.1.1.2 element Get2290Schedule1Response

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [Get2290Schedule1ResponseType](#)

properties content complex

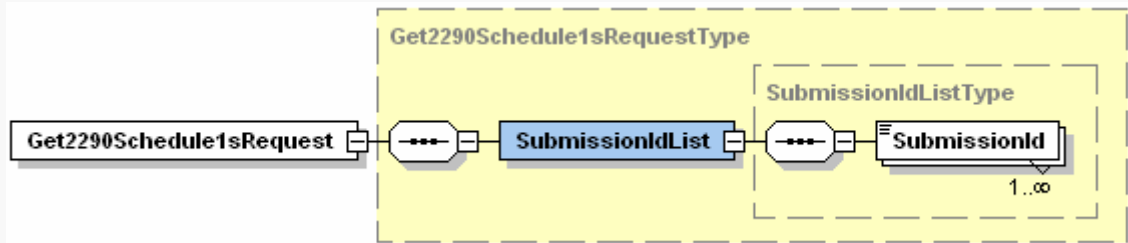
source `<xsd:element name="Get2290Schedule1Response" type="Get2290Schedule1ResponseType"/>`

1.6.1.2 Get 2290Schedule1s

Third Party Transmitters will have authorization to programmatically request a Web Service to retrieve form 2290 Schedule1s for a specified list of submission IDs. The requesting system will provide a `Get2290Schedule1sRequest` message in the SOAP body containing a list of submission IDs. If successful, the service returns a `Get2290Schedule1sResponse` message in the SOAP body containing the count of the number of Schedule 1s included in the response, a list of submission errors for any submission IDs from the submission ID list that were not found and a single zip file attachment containing the 2290Schedule1s. Otherwise, a SOAP error message will be returned to the requesting system.

1.6.1.2.1 element Get2290Schedule1sRequest

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [Get2290Schedule1sRequestType](#)

properties content complex

children [SubmissionIdList](#)

source `<xsd:element name="Get2290Schedule1sRequest" type="Get2290Schedule1sRequestType"/>`

```

<xsd:complexType name="Get2290Schedule1sRequestType">
  <xsd:sequence>
    <xsd:element name="SubmissionIdList" type="SubmissionIdListType"/>
  </xsd:sequence>
</xsd:complexType>

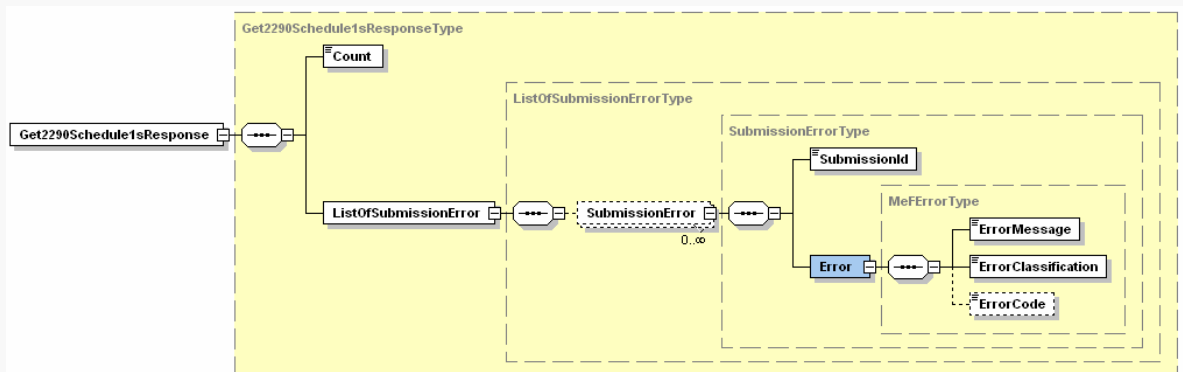
<xsd:complexType name="SubmissionIdListType">
  <xsd:sequence>
    <xsd:element name="SubmissionId" type="SubmissionIdType" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:simpleType name="SubmissionIdType">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="[0-9]{13}[a-z0-9]{7}"/>
  </xsd:restriction>
</xsd:simpleType>

```

1.6.1.2.2 element Get2290Schedule1sResponse

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [Get2290Schedule1sResponseType](#)

properties content complex

children [Count](#) [ListOfSubmissionError](#)

source `<xsd:element name="Get2290Schedule1sResponse" type="Get2290Schedule1sResponseType"/>`

```

<xsd:complexType name="Get2290Schedule1sResponseType">
  <xsd:sequence>
    <xsd:element name="Count" type="xsd:nonNegativeInteger"/>
    <xsd:element name="ListOfSubmissionError" type="ListOfSubmissionErrorType"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="ListOfSubmissionErrorType">
  <xsd:sequence>
    <xsd:element name="SubmissionError" type="SubmissionErrorType" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="SubmissionErrorType">
  <xsd:sequence>
    <xsd:element name="SubmissionId" type="SubmissionIdType"/>
    <xsd:element name="Error" type="MeFErrorType"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:simpleType name="SubmissionIdType">
  <xsd:restriction base="xsd:string">
    <xsd:pattern value="[0-9]{13}[a-z0-9]{7}"/>
  </xsd:restriction>
</xsd:simpleType>

<xsd:complexType name="MeFErrorType">
  <xsd:sequence>
    <xsd:element name="ErrorMessage" type="xsd:string"/>
    <xsd:element name="ErrorClassification" type="ErrorClassificationType"/>
    <xsd:element name="ErrorCode" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:simpleType name="ErrorClassificationType">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="SYSTEM_ERROR"/>
    <xsd:enumeration value="RESOURCE_UNAVAILBLE"/>
    <xsd:enumeration value="MESSAGE_FORMAT_ERROR"/>
    <xsd:enumeration value="SECURITY_ERROR"/>
    <xsd:enumeration value="REQUEST_ERROR"/>
  </xsd:restriction>
</xsd:simpleType>

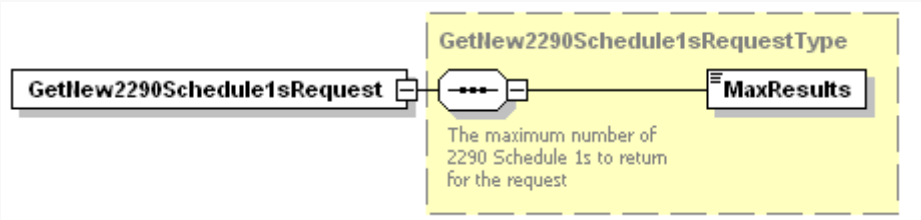
```

1.6.1.3 Get New 2290Schedule1s

Third-Party Transmitters will have authorization to programmatically request a Web Service to retrieve new Form 2290 Schedule1s for a specified ETIN. The requesting system will provide a GetNew2290Schedule1sRequest message in the SOAP body containing the maximum number of results that should be returned (up to 100) and the MeFHeader message in the SOAP header containing the ETIN. If successful, the service returns a GetNew2290Schedule1sResponse message in the SOAP body containing the count of the number of Schedule 1s included in the response, a Boolean flag indicating if more Schedule 1s are available, and a single zip file attachment containing the 2290Schedule1s. Otherwise, a SOAP error message will be returned to the requesting system.

1.6.1.3.1 element GetNew2290Schedule1sRequest

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [GetNew2290Schedule1sRequestType](#)

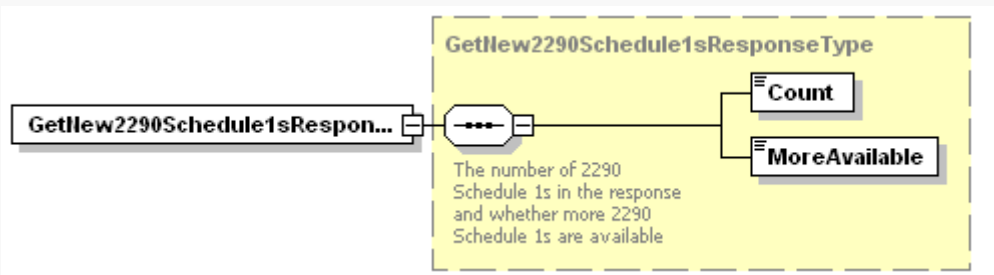
properties content complex

children [MaxResults](#)

source `<xsd:element name="GetNew2290Schedule1sRequest" type="GetNew2290Schedule1sRequestType"/>`

1.6.1.3.2 element GetNew2290Schedule1sResponse

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [GetNew2290Schedule1sResponseType](#)

properties content complex

children [Count](#) [MoreAvailable](#)

source `<xsd:element name="GetNew2290Schedule1sResponse" type="GetNew2290Schedule1sResponseType"/>`

```
<xsd:complexType name="GetNew2290Schedule1sResponseType">
  <xsd:sequence>
    <xsd:element name="Count" type="xsd:nonNegativeInteger"/>
    <xsd:element name="MoreAvailable" type="xsd:boolean"/>
  </xsd:sequence>
</xsd:complexType>
```

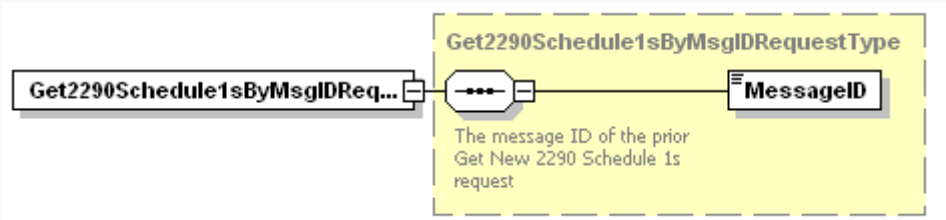
1.6.1.4 Get 2290Schedule1s by Message ID

Third-Party Transmitters will have authorization to programmatically request a Web Service to retrieve form 2290 Schedule1s previously retrieved by a Get New 2290Schedule1s request. The requesting system will provide a `Get2290Schedule1sByMsgIDRequest` message in the SOAP body containing the `MessageID` used in the previous Get New 2290Schedule1s request. If successful, the service returns a `Get2290Schedule1sByMsgIDResponse` message in the SOAP

body containing the count of the number of Schedule 1s included in the response, a Boolean flag indicating if more 2290Schedule1s are available and a single zip file attachment containing the 2290Schedule1s. Otherwise, a SOAP error message will be returned to the requesting system.

1.6.1.4.1 element Get2290Schedule1sByMsgIDRequest

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [Get2290Schedule1sByMsgIDRequestType](#)

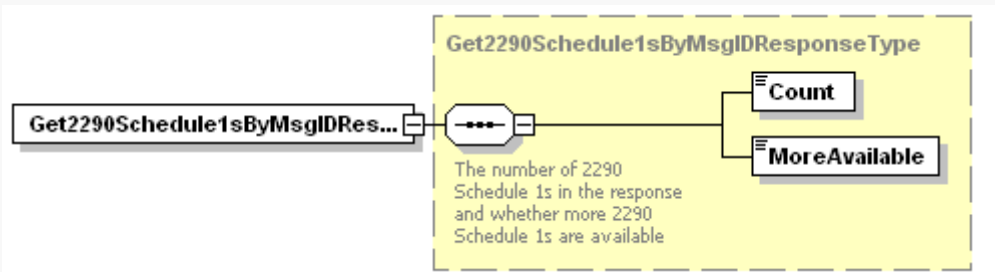
properties content complex

children [MessageID](#)

source `<xsd:element name="Get2290Schedule1sByMsgIDRequest" type="Get2290Schedule1sByMsgIDRequestType"/>`

1.6.1.4.2 element Get2290Schedule1sByMsgIDResponse

diagram



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

type [Get2290Schedule1sByMsgIDResponseType](#)

properties content complex

children [Count](#) [MoreAvailable](#)

source `<xsd:element name="Get2290Schedule1sByMsgIDResponse" type="Get2290Schedule1sByMsgIDResponseType"/>`

```
<xsd:complexType name=" Get2290Schedule1sByMsgIDResponseType " >
  <xsd:sequence>
    <xsd:element name="Count" type="xsd:nonNegativeInteger"/>
    <xsd:element name="MoreAvailable" type="xsd:boolean"/>
  </xsd:sequence>
</xsd:complexType>
```

1.6.2 State Web Services

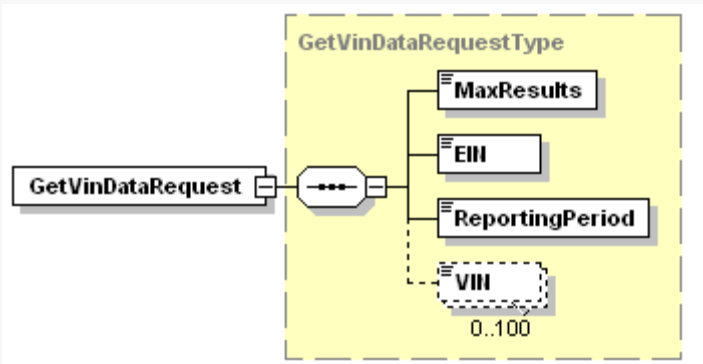
The Web services pertinent to the states are described in the following sections. The Web service descriptions and SOAP message contents for the MIME (J2EE) and the DIME (.NET) clients are identical except for the attachment transport mechanism. Therefore, a single set of service and message descriptions is applicable to both MIME and DIME clients.

1.6.2.1 Get Vin Data

States will have the authorization to programmatically request a Web Service to retrieve the VIN data for a given combination of EIN, reporting period and an optional list of VIN numbers. The requesting system will provide a `GetVinDataRequest` message in the SOAP body containing the maximum number of results to be returned, one EIN, a list of VINs (minimum of 0 to a maximum of 100) and the reporting period. The record structure for the request is shown below. If the requesting system does not provide any VINs, the service will return information for all the VINs for the specified EIN and reporting period up to the maximum number specified. If successful, the service returns a `GetVinDataResponse` message with the SOAP body containing the EIN and a list containing the VIN, category, reporting period and `PaymentIndicator` for each VIN,. The record structure for the response is shown below. Otherwise, a SOAP error message will be returned to the requesting system.

1.6.2.1.1 element `GetVinDataRequest`

diagram



namespace <http://www.irs.gov/a2a/etec/ETECStateService.xsd>

type [GetVinDataRequestType](#)

properties content complex

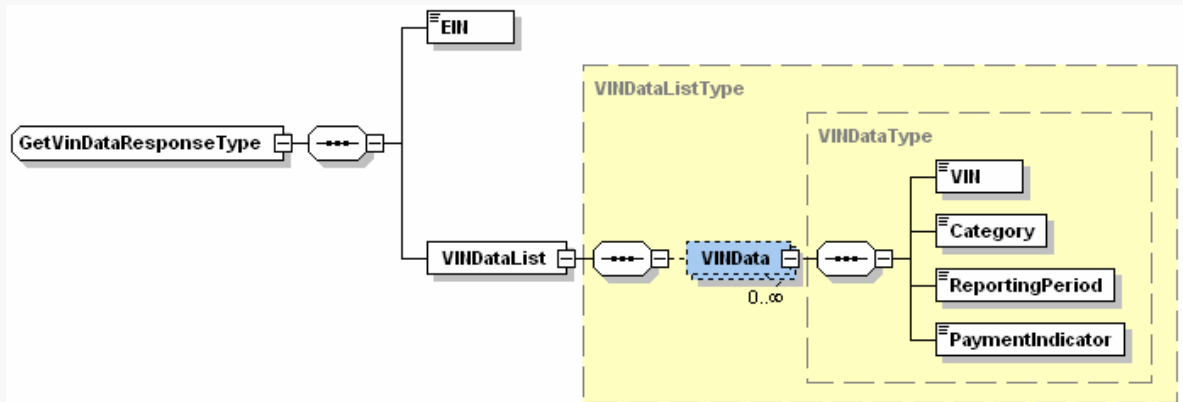
children [MaxResults](#) [EIN](#) [ReportingPeriod](#) [VIN](#)

source `<xsd:element name="GetVinDataRequest" type="etec:GetVinDataRequestType"/>`

```
<xsd:complexType name="GetVinDataRequestType">
  <xsd:sequence>
    <xsd:element name="MaxResults" type="xsd:positiveInteger"/>
    <xsd:element name="EIN" type="etec:EINType"/>
    <xsd:element name="ReportingPeriod" type="xsd:gYearMonth"/>
    <xsd:element name="VIN" type="xsd:string" minOccurs="0" maxOccurs="100"/>
  </xsd:sequence>
</xsd:complexType>
```

1.6.2.1.2 element GetVinDataResponse

diagram



namespace <http://www.irs.gov/a2a/etec/ETECStateService.xsd>

type [GetVinDataResponseType](#)

properties content complex

children [VINDataList](#)

source `<xsd:element name="GetVinDataResponse" type="etec:GetVinDataResponseType"/>`

```
<xsd:complexType name="GetVinDataResponseType">
  <xsd:sequence>
    <xsd:element name="EIN" type="etec:EINType"/>
    <xsd:element name="VINDataList" type="etec:VINDataListType"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="VINDataListType">
  <xsd:sequence>
    <xsd:element name="VINData" type="etec:VINDataType" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="VINDataType">
  <xsd:sequence>
    <xsd:element name="VIN" type="xsd:string"/>
    <xsd:element name="Category" type="etec:VehicleCategoryType"/>
    <xsd:element name="ReportingPeriod" type="xsd:gYearMonth"/>
    <xsd:element name="PaymentIndicator" type="etec:PaymentIndicatorType"/>
  </xsd:sequence>
</xsd:complexType>
```

1.6.3 MeF Modernized System Infrastructure (MSI) Services

For the details on the individual MSI services, see the ISS MeF State and Trading Partners ICD (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

1.6.4 MeF Third Party Transmitter Web Services

For the details on the individual Third Party Transmitter Web Services, see the ISS MeF State and Trading Partners ICD (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

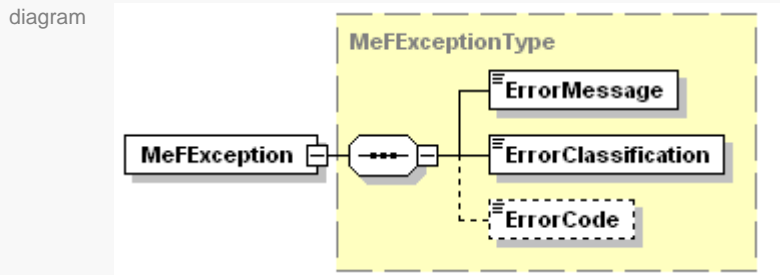
1.6.5 MeF State Web Services

For the details on the individual State Web Services, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

1.6.6 Exceptions

When errors occur processing a service request a SOAP fault response is returned. For Transmitter service faults a MeFException message is returned within the SOAP fault detail tag. For State service faults a A2AException message is returned within the SOAP fault detail tag.

1.6.7 element MeFException



namespace <http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd>

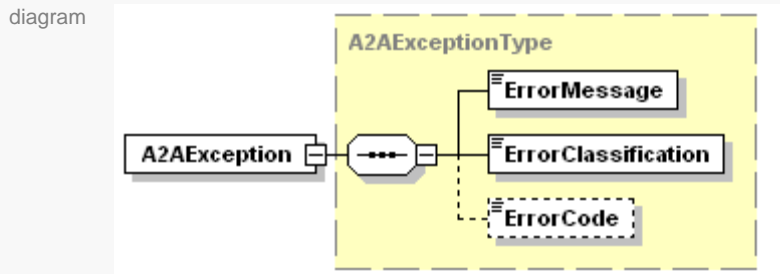
type [MeFExceptionType](#)

properties content complex

children [ErrorMessage](#) [ErrorClassification](#) [ErrorCode](#)

source `<xsd:element name="MeFException" type="MeFExceptionType"/>`

1.6.8 element A2AException



namespace <http://www.irs.gov/a2a/etec/ETECStateService.xsd>

type [A2AExceptionType](#)

properties content complex

children [ErrorMessage](#) [ErrorClassification](#) [ErrorCode](#)

source `<xsd:element name="A2AException" type="etec:A2AExceptionType"/>`

1.7 Attachment Files

The A2A uses “attachment” files as the mechanism to exchange submission and response information with the ETEC and MeF. Following are the MeF attachment types:

- IRS submission
- State submission
- IRS data for state submission
- Acknowledgements

- Receipts
- Acknowledgement notifications
- Status records
- Errors

For the details on MeF attachment files, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

1.7.1 ETEC Attachment Files

For ETEC, the A2A, and IFA channels use attachment files as the mechanism to return submission information to the clients. Currently there is only one ETEC-specific attachment type; Stamped Form 2290 Schedule 1s.

1.7.1.1 Stamped Form 2290 Schedule 1s

The Stamped Form 2290 Schedule 1s are contained in a zip file attachment within the response message. The ZIP file includes one or more PDF files. Each PDF represents an IRS “stamped” version of a Schedule 1 from an accepted form 2290 submission. The structure of a Stamped Form 2290 Schedule 1s attachment is shown in Figure 1-4, Stamped Form 2290 Schedule 1s Attachment Structure, below

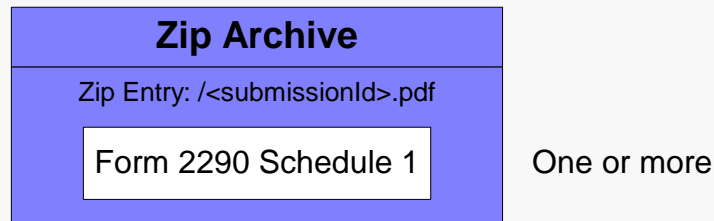


Figure 1-4. Stamped Form 2290 Schedule 1s Attachment Structure

1.8 A2A Web Services Error Handling and Exception Reporting

For the details on Error Handling and Exception Reporting, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

Section 2. Data Mapping

2.1 Data Mapping for A2A ETEC Web Services

The Web services provided by the ETEC system are described in Web Service Definition Language (WSDL) and XML Schemas. Only the file names are presented in Table 2-1, ETEC WSDL and XML Schema Files. The actual WSDL and XML Schema files are available from the IRS elsewhere.

Table 2-1. ETEC WSDL and XML Schema Files

WSDL Files	XML Schema Files
ETECStateServices_SeparateServices.wsdl	MeFHeader.xsd
ETECTransmitterService_SeparateServices.wsdl	ETECStateServices.xsd
ETECTransmitterServiceWse_SeparateServices.wsdl	ETECTransmitterService.xsd

2.1.1 Namespaces Used for ETEC Web Services

The namespaces used for the ETEC services follow a logical naming organization. The XML Schema target namespace is always the XML Schema file name in the IRS/ETEC domain (e.g., “http://www.irs.gov/a2a/etec/ETECStateService.xsd”). The WSDL target namespace is the WSDL name in the IRS/ETEC domain (e.g., “http://www.irs.gov/a2a/etec/ETECStateService”). The namespaces used in the WSDL and XML Schema files are presented in Table 2-2, ETEC Target Namespaces. The XML namespace prefixes used are presented in Table 2-3, ETEC XML Namespace Prefixes.

Table 2-2. ETEC Target Namespaces

XML Schemas	
File	targetNamespace
MeFHeader.xsd	http://www.irs.gov/a2a/mef/MeFHeader.xsd
ETECStateServices.xsd	http://www.irs.gov/a2a/etec/ETECStateService.xsd
ETECTransmitterService.xsd	http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd
WSDL	
File	targetNamespace
ETECStateService_SeparateServices.wsdl	http://www.irs.gov/a2a/etec/ETECStateService
ETECTransmitterService_SeparateServices.wsdl	http://www.irs.gov/a2a/mef/ETECTransmitterService
ETECTransmitterServiceWse_SeparateServices.wsdl	http://www.irs.gov/a2a/mef/ETECTransmitterServiceWse

Table 2-3. ETEC XML Namespace Prefixes

XML Schemas	
Prefix	Namespace
xsd	http://www.w3.org/2001/XMLSchema
mefhdr	http://www.irs.gov/a2a/mef/MeFHeader.xsd
etec	http://www.irs.gov/a2a/etec/ETECStateService.xsd
WSDLs	
Prefix	Namespace
wsdl	http://schemas.xmlsoap.org/wsdl/
xsd	http://www.w3.org/2001/XMLSchema
soap	http://schemas.xmlsoap.org/wsdl/soap/
mefhdr	http://www.irs.gov/a2a/mef/MeFHeader.xsd
etec	http://www.irs.gov/a2a/etec/ETECStateService
etsx	http://www.irs.gov/a2a/etec/ETECStateService.xsd
ettx	http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd
etec	http://www.irs.gov/a2a/mef/ETECTransmitterService
etec	http://www.irs.gov/a2a/mef/ETECTransmitterServiceWse

2.2 Data Mapping for A2A MeF Web Services

For the details on Data Mapping for A2A Web Services, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

Section 3. Example A2A Web Service Messages

This section presents request and response message examples for all the A2A Web services. The messages are divided into three classifications:

1. MSI Services Messages
2. State Services Messages
3. Transmitter Services Messages

Note that all of the SOAP request and response messages are identical for MIME and DIME except for the attachment transport mechanism.

3.1 MSI Services Messages

The following MSI services are available to ETEC clients:

- InitialLogin
- Login
- ChangePassword
- Logout
- EtinRetrieval
- EtinStatus
- GetStateParticipantsList

For examples on the above MSI Services, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

3.2 ETEC State Services SOAP Messages

This section presents SOAP request and response message examples for the following ETEC State services:

- GetVinData

For examples of the MeF State services SOAP messages, see the *PRIME ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

3.2.1 GetVinData Service Request Message

Presented below is an example of the service request message.

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Header>
    <ns1:MeF xmlns:ns1="http://www.irs.gov/a2a/mef/MeFHeader.xsd">
```



```

<ns1:MessageID>00456200603900000043</ns1:MessageID>
<ns1:Action> GetVinData</ns1:Action>
<ns1:Timestamp>2006-01-28T00:19:26.393Z</ns1:Timestamp>
<ns1:ETIN>00456</ns1:ETIN>
<ns1:SessionIndicator>Y</ns1:SessionIndicator>
<ns1:TestIndicator>P</ns1:TestIndicator>
</ns1:MeF>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <wsu:Timestamp wsu:Id="id-bb994af0be9c74e44d86cf619da4a52da42d5ebe">
    <wsu:Created>2006-02-08T20:07:37Z</wsu:Created>
    <wsu:Expires>2006-02-08T20:22:37Z</wsu:Expires>
  </wsu:Timestamp>
  <saml:Assertion AssertionID="id-3b8ddb1eb70936a44e7994b3d894e2af9bcd99a5"
    IssueInstant="2006-02-08T20:07:37.879Z" Issuer="http://www.forumsys.com/sentry"
    MajorVersion="1" MinorVersion="1"
    xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
    <saml:Conditions NotBefore="2006-02-08T20:07:37.879Z"
      NotOnOrAfter="2006-02-08T20:22:37.879Z">
      <saml:DoNotCacheCondition/>
    </saml:Conditions>
    <saml:AuthenticationStatement AuthenticationInstant="2006-02-08T20:07:37.879Z"
      AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
      <saml:Subject>
        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
          OU=Internal Revenue Service,OU=Department of the Treasury,
          O=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
          <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
      </saml:Subject>
      <saml:SubjectLocality IPAddress="123.34.56.789"/>
    </saml:AuthenticationStatement>
    <saml:AttributeStatement>
      <saml:Subject>
        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
          OU=Internal Revenue Service,OU=Department of the Treasury,
          O=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
          <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
      </saml:Subject>
      <saml:Attribute AttributeName="SMSESSION"
        AttributeNamespace="http://www.forumsys.com/sentry">
        <saml:Attribute Value>
          GcC6RZf3Z5v+6V93q84R9QHkvUwYgqpKHZ0CDWSptQch002Way1fvwxW
        </saml:Attribute Value>
      </saml:Attribute>
    </saml:AttributeStatement>
  </saml:Assertion>
</wsse:Security>

```

```

s9Pj73JIZ+voHUyFSK1fbsWz+NvNlrV5jjXvY1BvmkdbpbsfKSr1ZduMbSfqEf
WBIwvMqSityIe0ohxoRqjsyfuYRM.....</saml:AttributeValue>
    </saml:Attribute>
  </saml:AttributeStatement>
</saml:Assertion>
<wsse:UsernameToken>
  <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</SOAP-ENV:Header>
<SOAP-ENV:Body>
  <GetVinDataRequest xmlns="http://www.irs.gov/a2a/etec/ETECStateService.xsd">
    <GetVinDataRequest>
      <MaxResults>3</MaxResults>
      <EIN>980004567</EIN>
      <ReportingPeriod>2006-10</ReportingPeriod>
      <VIN>1FALN234Y2345X5</VIN>
      <VIN>1FALN234Z6578W3</VIN>
      <VIN>1FALB856H4873X8</VIN>
    </GetVinDataRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.2.2 GetVinData Service Response Message

Presented below is an example of the service response message.

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Header>
    <ns1:MeF xmlns:ns1="http://www.irs.gov/a2a/mef/MeFHeader.xsd">
      <ns1:MessageID>00456200603900000043R</ns1:MessageID>
      <ns1:RelatesTo>00456200603900000043</ns1:RelatesTo>
      <ns1:Action>GetVinData</ns1:Action>
      <ns1:Timestamp>2006-01-28T00:19:27.435Z</ns1:Timestamp>
      <ns1:ETIN>00456</ns1:ETIN>
      <ns1:SessionIndicator>Y</ns1:SessionIndicator>
      <ns1:TestIndicator>P</ns1:TestIndicator>
    </ns1:MeF>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
      secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
      wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="id-18c3af8bed5e19dc01baad81fb818df521bee023">
        <wsu:Created>2006-02-08T22:56:44Z</wsu:Created>
        <wsu:Expires>2006-02-08T23:11:44Z</wsu:Expires>
      </wsu:Timestamp>
      <saml:Assertion AssertionID="id-045a7c92ec380e1e2d5473b6e36f339227ad10c5"
        IssueInstant="2006-02-08T22:56:44.886Z" Issuer="http://www.forumsys.com/sentry"
        MajorVersion="1" MinorVersion="1"
        xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">

```

```

<saml:Conditions NotBefore="2006-02-08T22:56:44.886Z"
  NotOnOrAfter="2006-02-08T23:11:44.886Z">
  <saml:DoNotCacheCondition/>
</saml:Conditions>
<saml:AuthenticationStatement AuthenticationInstant="2006-02-08T22:56:44.886Z"
  AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
  <saml:Subject>
    <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
      format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
      OU=Internal Revenue Service,OU=Department of the Treasury,
      O=U.S. Government,C=US</saml:NameIdentifier>
    <saml:SubjectConfirmation>
      <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
      </saml:ConfirmationMethod>
    </saml:SubjectConfirmation>
  </saml:Subject>
  <saml:SubjectLocality IPAddress="123.34.56.789"/>
</saml:AuthenticationStatement>
<saml:AttributeStatement>
  <saml:Subject>
    <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
      format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
      OU=Internal Revenue Service,OU=Department of the Treasury,
      O=U.S. Government,C=US</saml:NameIdentifier>
    <saml:SubjectConfirmation>
      <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
      </saml:ConfirmationMethod>
    </saml:SubjectConfirmation>
  </saml:Subject>
  <saml:Attribute AttributeName="SMSESSION"
    AttributeNamespace="http://www.forumsys.com/sentry">
    <saml:AttributeValue>
      JvqVP0Z5XZWFf/1HE8XiMKfu87fxBRJDf0ILCfYpKnV17lF17EdnDHTy0Cjfo
      j0Wt9Ck9GIHsr/CqENV4C+jhGOBp4mOj+5BO426FikdtRhVRM46PkftMpbyn
      d9m2OtILfQckddHB/f9sNNW38qryb9YKNk8.....</saml:AttributeValue>
    </saml:Attribute>
  </saml:AttributeStatement>
</saml:Assertion>
<wsse:UsernameToken>
  <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</SOAP-ENV:Header>
< SOAP-ENV:Body>
  <GetVinDataResponse xmlns="http://www.irs.gov/a2a/etec/ETECStateService.xsd">
    <EIN>980004567</EIN>
    <VINDataList>
      <VINData>
        <VIN>1FALN234Y2345X5</VIN>
        <Category>A</Category>
        <ReportingPeriod>2006-08</ReportingPeriod>
      </VINData>
    </VINDataList>
  </GetVinDataResponse>
</SOAP-ENV:Body>

```

```

    <PaymentIndicator>paid</PaymentIndicator>
  </VINData>
  <VINData>
    <VIN>1FALN234Z6578W3</VIN>
    <Category>B</Category>
    <ReportingPeriod>2006-08</ReportingPeriod>
    <PaymentIndicator>paid</PaymentIndicator>
  </VINData>
  <VINData>
    <VIN>1FALB856H4873X8</VIN>
    <Category>C</Category>
    <ReportingPeriod>2006-08</ReportingPeriod>
    <PaymentIndicator>paid</PaymentIndicator>
  </VINData>
</VINDataList>
</GetVinDataResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.3 Transmitter Services SOAP Messages

The following MeF Transmitter services are available to ETEC clients:

- SendSubmissions
- GetNewAcks
- GetAcksByMsgID
- GetAcks
- GetAck
- GetNewSubmissionsStatus
- GetSubmissionsStatus
- GetSubmissionStatus

For examples of the MeF Transmitter services SOAP messages, see the *PRIME ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

This section presents SOAP request and response message examples for the following ETEC Transmitter services:

- GetNew2290Schedule1s
- Get2290Schedule1sByMsgID
- Get2290Schedule1s
- Get2290Schedule1

3.3.1 GetNew2290Schedule1 Service Request Message

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Header>
    <ns1:MeF xmlns:ns1="http://www.irs.gov/a2a/mef/MeFHeader.xsd">
      <ns1:MessageID>00123200703900000031</ns1:MessageID>
      <ns1:Action>GetNew2290Schedule1s</ns1:Action>
      <ns1:Timestamp>2007-02-21T23:03:19.055Z</ns1:Timestamp>
      <ns1:ETIN>00123</ns1:ETIN>
      <ns1:SessionIndicator>Y</ns1:SessionIndicator>
      <ns1:TestIndicator>P</ns1:TestIndicator>
    </ns1:MeF>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
      secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
      wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="id-d19272dad197c70a375502fd7af939d6344fd46">
        <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
        <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
      </wsu:Timestamp>
      <saml:Assertion AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
        IssueInstant="2007-02-08T22:54:14.572Z" Issuer="http://www.forumsys.com/sentry"
        MajorVersion="1" MinorVersion="1"
        xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
        <saml:Conditions NotBefore="2007-02-08T22:54:14.572Z"
          NotOnOrAfter="2007-02-08T23:09:14.572Z">
          <saml:DoNotCacheCondition/>
        </saml:Conditions>
        <saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
          AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
          <saml:Subject>
            <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
              format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
              OU=Internal Revenue Service,OU=Department of the Treasury,
              OU=U.S. Government,C=US</saml:NameIdentifier>
            <saml:SubjectConfirmation>
              <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
            </saml:SubjectConfirmation>
          </saml:Subject>
          <saml:SubjectLocality IPAddress="123.34.56.789"/>
        </saml:AuthenticationStatement>
        <saml:AttributeStatement>
          <saml:Subject>
            <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
              format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
              OU=Internal Revenue Service,OU=Department of the Treasury,
              OU=U.S. Government,C=US</saml:NameIdentifier>
            <saml:SubjectConfirmation>
              <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
```

```

        </saml:ConfirmationMethod>
    </saml:SubjectConfirmation>
</saml:Subject>
<saml:Attribute AttributeName="SMSESSION"
    AttributeNamespace="http://www.forumsys.com/sentry">
    <saml:AttributeValue>
        Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyztIOwpv0Gwka
        wFltFbHnk9DWVzyBvsFXlbnihLtvnT1tKfc52EILD6FQrpLCISV74rrvBoe10x
        u/9qIAQcvCp+KqCW5Z8NhryS0GS2YAckFy.....</saml:AttributeValue>
    </saml:Attribute>
</saml:AttributeStatement>
</saml:Assertion>
<wsse:UsernameToken>
    <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</SOAP-ENV:Header>
<SOAP-ENV:Body>
    <GetNew2290Schedule1sRequest
        xmlns="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd">
        <MaxResults>3</MaxResults>
    </GetNew2290Schedule1sRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.3.2 GetNew2290Schedule1s Service Response Message

```

<?xml version="1.0" encoding="UTF-8"?>
<e:Envelope xmlns:wn1="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd"
    xmlns:wn0="http://www.irs.gov/a2a/mef/MeFHeader.xsd"
    xmlns:i="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:e="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:d="http://www.w3.org/2001/XMLSchema">
    <e:Header>
        <ns0:MeF xmlns:ns0="http://www.irs.gov/MeF/MeFHeader.xsd">
            <ns0:MessageID>00123200703900000031R</ns0:MessageID>
            <ns0:RelatesTo>00123200703900000031</ns0:RelatesTo>
            <ns0:Action>GetNew2290Schedule1s</ns0:Action>
            <ns0:Timestamp>2007-02-08T22:54:19Z</ns0:Timestamp>
            <ns0:ETIN>00123</ns0:ETIN>
            <ns0:SessionIndicator>Y</ns0:SessionIndicator>
            <ns0:TestIndicator>P</ns0:TestIndicator>
        </ns0:MeF>
        <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
            secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
            wssecurity-utility-1.0.xsd">
            <wsu:Timestamp wsu:Id="id-d19272dadcd197c70a375502fd7af939d6344fd46">
                <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
                <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
            </wsu:Timestamp>
            <saml:Assertion MajorVersion="1" IssueInstant="2007-02-08T22:54:14.572Z"
                Issuer="http://www.forumsys.com/sentry"

```

```

AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
MinorVersion="1" xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
<saml:Conditions NotOnOrAfter="2007-02-08T23:09:14.572Z"
    NotBefore="2007-02-08T22:54:14.572Z">
    <saml:DoNotCacheCondition/>
</saml:Conditions>
<saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
    AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
    <saml:Subject>
        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
            format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
            OU=Internal Revenue Service,OU=Department of the Treasury,
            OU=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
            <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:SubjectLocality IPAddress="123.34.56.789"/>
</saml:AuthenticationStatement>
<saml:AttributeStatement>
    <saml:Subject>
        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
            format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
            OU=Internal Revenue Service,OU=Department of the Treasury,
            OU=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
            <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:Attribute AttributeNamespace="http://www.forumsys.com/sentry"
        AttributeName="SMSESSION">
        <saml:AttributeValue>
            Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyzTIOwpv0Gwka
            u/9qIAQcvCp+KqCW5Z8N..... </saml:AttributeValue>
        </saml:Attribute>
    </saml:AttributeStatement>
</saml:Assertion>
<wsse:UsernameToken>
    <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</e:Header>
<e:Body>
    <ns10:GetNew2290Schedule1sResponse
        xmlns:ns10="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd">
        <ns10:Count>3</ns10:Count>
        <ns10:MoreAvailable>true</ns10:MoreAvailable>
    </ns10: GetNew2290Schedule1sResponse>
</e:Body>

```

</e:Envelope>

3.3.3 Get2290Schedule1sByMsgID Service Request Message

<?xml version="1.0" encoding="UTF-8"?>

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Header>
    <ns1:MeF xmlns:ns1="http://www.irs.gov/a2a/mef/MeFHeader.xsd">
      <ns1:MessageID>00123200703900000032</ns1:MessageID>
      <ns1:Action>Get2290Schedule1sByMsgID</ns1:Action>
      <ns1:Timestamp>2007-01-30T19:12:40.557Z</ns1:Timestamp>
      <ns1:ETIN>00123</ns1:ETIN>
      <ns1:SessionIndicator>Y</ns1:SessionIndicator>
      <ns1:TestIndicator>P</ns1:TestIndicator>
    </ns1:MeF>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
      secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
      wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="id-d19272dadcd197c70a375502fd7af939d6344fd46">
        <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
        <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
      </wsu:Timestamp>
      <saml:Assertion AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
        IssueInstant="2007-02-08T22:54:14.572Z" Issuer="http://www.forumsys.com/sentry"
        MajorVersion="1" MinorVersion="1"
        xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
        <saml:Conditions NotBefore="2007-02-08T22:54:14.572Z"
          NotOnOrAfter="2007-02-08T23:09:14.572Z">
          <saml:DoNotCacheCondition/>
        </saml:Conditions>
        <saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
          AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
          <saml:Subject>
            <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
              format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
              OU=Internal Revenue Service,OU=Department of the Treasury,
              OU=U.S. Government,C=US</saml:NameIdentifier>
            <saml:SubjectConfirmation>
              <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
            </saml:SubjectConfirmation>
          </saml:Subject>
          <saml:SubjectLocality IPAddress="123.34.56.789"/>
        </saml:AuthenticationStatement>
        <saml:AttributeStatement>
          <saml:Subject>
            <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
              format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
              OU=Internal Revenue Service,OU=Department of the Treasury,
              OU=U.S. Government,C=US</saml:NameIdentifier>
```



```

        <saml:SubjectConfirmation>
          <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
          </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
      </saml:Subject>
      <saml:Attribute AttributeName="SMSESSION"
        AttributeNamespace="http://www.forumsys.com/sentry">
        <saml:AttributeValue>
          Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyztIOwpv0Gwka
          wFItFbHnk9DWVzyBvsFXIbNihLtvnT1tKfc52EILD6FQrpLCISV74rrvBoe10x
          u/9qIAQcvCp+KqCW5Z8N0.....</saml:AttributeValue>
        </saml:Attribute>
      </saml:AttributeStatement>
    </saml:Assertion>
  </wsse:UsernameToken>
  <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</SOAP-ENV:Header>
<SOAP-ENV:Body>
  <Get2290Schedule1sByMsgIDRequest
    xmlns="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd">
    <MessageID>00123200703900000031</MessageID>
  </Get2290Schedule1sByMsgIDRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.3.4 Get2290Schedule1sByMsgID Service Response Message

```

<?xml version="1.0" encoding="UTF-8"?>
<e:Envelope xmlns:wn1="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd"
  xmlns:wn0="http://www.irs.gov/a2a/mef/MeFHeader.xsd"
  xmlns:i="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:e="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:d="http://www.w3.org/2001/XMLSchema">
  <e:Header>
    <ns0:MeF xmlns:ns0="http://www.irs.gov/MeF/MeFHeader.xsd">
      <ns0:MessageID>00123200703900000032R</ns0:MessageID>
      <ns0:RelatesTo>00123200703900000032</ns0:RelatesTo>
      <ns0:Action>Get2290Schedule1sByMsgID</ns0:Action>
      <ns0:Timestamp>2007-02-08T22:54:26Z</ns0:Timestamp>
      <ns0:ETIN>00123</ns0:ETIN>
      <ns0:SessionIndicator>Y</ns0:SessionIndicator>
      <ns0:TestIndicator>P</ns0:TestIndicator>
    </ns0:MeF>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
      secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
      wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="id-d19272dad197c70a375502fd7af939d6344fd46">
        <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
        <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
      </wsu:Timestamp>

```

```

<saml:Assertion MajorVersion="1" IssueInstant="2007-02-08T22:54:14.572Z"
  Issuer="http://www.forumsys.com/sentry"
  AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
  MinorVersion="1" xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
  <saml:Conditions NotOnOrAfter="2007-02-08T23:09:14.572Z"
    NotBefore="2007-02-08T22:54:14.572Z">
    <saml:DoNotCacheCondition/>
  </saml:Conditions>
  <saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
    AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
    <saml:Subject>
      <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
        format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
        OU=Internal Revenue Service,OU=Department of the Treasury,
        OU=U.S. Government,C=US</saml:NameIdentifier>
      <saml:SubjectConfirmation>
        <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
        </saml:ConfirmationMethod>
      </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:SubjectLocality IPAddress="123.34.56.789"/>
  </saml:AuthenticationStatement>
  <saml:AttributeStatement>
    <saml:Subject>
      <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
        format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
        OU=Internal Revenue Service,OU=Department of the Treasury,
        OU=U.S. Government,C=US</saml:NameIdentifier>
      <saml:SubjectConfirmation>
        <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
        </saml:ConfirmationMethod>
      </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:Attribute AttributeNamespace="http://www.forumsys.com/sentry"
      AttributeName="SMSESSION">
      <saml:AttributeValue>
        Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyztIOwpv0Gwka
        wFItFbHnk9DWVzyBvsFXIbNihLtvnT1tKfc52EI.....</saml:AttributeValue>
      </saml:Attribute>
    </saml:AttributeStatement>
  </saml:Assertion>
</wsse:UsernameToken>
  <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</e:Header>
<e:Body>
  <ns10:Get2290Schedule1sByMsgIDResponse
    xmlns:ns10="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd">
    <ns10:Count>3</ns10:Count>
    <ns10:MoreAvailable>true</ns10:MoreAvailable>
  </ns10:Get2290Schedule1sByMsgIDResponse>

```

```
</ns10:Get2290Schedule1sByMsgIDResponse>
</e:Body>
</e:Envelope>
```

3.3.5 Get2290Schedule1s Service Request Message

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Header>
    <ns1:MeF xmlns:ns1="http://www.irs.gov/a2a/mef/MeFHeader.xsd">
      <ns1:MessageID>00123200703900000033</ns1:MessageID>
      <ns1:Action>Get2290Schedule1s</ns1:Action>
      <ns1:Timestamp>2007-02-26T14:20:42.526Z</ns1:Timestamp>
      <ns1:ETIN>00123</ns1:ETIN>
      <ns1:SessionIndicator>Y</ns1:SessionIndicator>
      <ns1:TestIndicator>P</ns1:TestIndicator>
    </ns1:MeF>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
      secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
      wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="id-d19272dad197c70a375502fd7af939d6344fd46">
        <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
        <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
      </wsu:Timestamp>
      <saml:Assertion AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
        IssueInstant="2007-02-08T22:54:14.572Z" Issuer="http://www.forumsys.com/sentry"
        MajorVersion="1" MinorVersion="1"
        xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
        <saml:Conditions NotBefore="2007-02-08T22:54:14.572Z"
          NotOnOrAfter="2007-02-08T23:09:14.572Z">
          <saml:DoNotCacheCondition/>
        </saml:Conditions>
        <saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
          AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
          <saml:Subject>
            <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
              format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
              OU=Internal Revenue Service,OU=Department of the Treasury,
              OU=U.S. Government,C=US</saml:NameIdentifier>
            <saml:SubjectConfirmation>
              <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
            </saml:SubjectConfirmation>
          </saml:Subject>
          <saml:SubjectLocality IPAddress="123.34.56.789"/>
        </saml:AuthenticationStatement>
        <saml:AttributeStatement>
          <saml:Subject>
            <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
              format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
```

```

        OU=Internal Revenue Service,OU=Department of the Treasury,
        OU=U.S. Government,C=US</saml:NameIdentifier>
    <saml:SubjectConfirmation>
        <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
        </saml:ConfirmationMethod>
    </saml:SubjectConfirmation>
</saml:Subject>
<saml:Attribute AttributeName="SMSESSION"
    AttributeNamespace="http://www.forumsys.com/sentry">
    <saml:AttributeValue>
        Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyztIOWpv0Gwka
        wFItFbHnk9DWVzyBvsFXIbNihLtvnT1tKfc52EILD6FQrpLCISV74rrvBoe10x
        u/9qIAQcvCp+KqCW5Z8N0P.....</saml:AttributeValue>
    </saml:Attribute>
</saml:AttributeStatement>
</saml:Assertion>
<wsse:UsernameToken>
    <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</SOAP-ENV:Header>
<SOAP-ENV:Body>
    <Get2290Schedule1sRequest xmlns="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd">
        <SubmissionIdList>
            <SubmissionId>0034562007200any7dig</SubmissionId>
            <SubmissionId>0034562007200seven12</SubmissionId>
        </SubmissionIdList>
    </Get2290Schedule1sRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.3.6 Get2290Schedule1s Service Response Message

```

<?xml version="1.0" encoding="UTF-8"?>
<e:Envelope xmlns:wn1="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd"
    xmlns:wn0="http://www.irs.gov/a2a/mef/MeFHeader.xsd"
    xmlns:i="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:e="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:d="http://www.w3.org/2001/XMLSchema">
    <e:Header>
        <ns0:MeF xmlns:ns0="http://www.irs.gov/MeF/MeFHeader.xsd">
            <ns0:MessageID>00123200703900000033R</ns0:MessageID>
            <ns0:RelatesTo>00123200703900000033</ns0:RelatesTo>
            <ns0:Action>Get2290Schedule1s</ns0:Action>
            <ns0:Timestamp>2007-02-08T22:54:31Z</ns0:Timestamp>
            <ns0:ETIN>00123</ns0:ETIN>
            <ns0:SessionIndicator>Y</ns0:SessionIndicator>
            <ns0:TestIndicator>P</ns0:TestIndicator>
        </ns0:MeF>
        <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-
            secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
            wssecurity-utility-1.0.xsd">

```

```

<wsu:Timestamp wsu:Id="id-d19272dad197c70a375502fd7af939d6344fd46">
  <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
  <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
</wsu:Timestamp>
<saml:Assertion MajorVersion="1" IssueInstant="2007-02-08T22:54:14.572Z"
  Issuer="http://www.forumsys.com/sentry"
  AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
  MinorVersion="1" xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
  <saml:Conditions NotOnOrAfter="2007-02-08T23:09:14.572Z"
    NotBefore="2007-02-08T22:54:14.572Z">
    <saml:DoNotCacheCondition/>
  </saml:Conditions>
  <saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
    AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
    <saml:Subject>
      <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
        format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
        OU=Internal Revenue Service,OU=Department of the Treasury,
        OU=U.S. Government,C=US</saml:NameIdentifier>
      <saml:SubjectConfirmation>
        <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
        </saml:ConfirmationMethod>
      </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:SubjectLocality IPAddress="123.34.56.789"/>
  </saml:AuthenticationStatement>
  <saml:AttributeStatement>
    <saml:Subject>
      <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
        format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
        OU=Internal Revenue Service,OU=Department of the Treasury,
        OU=U.S. Government,C=US</saml:NameIdentifier>
      <saml:SubjectConfirmation>
        <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
        </saml:ConfirmationMethod>
      </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:Attribute AttributeNamespace="http://www.forumsys.com/sentry"
      AttributeName="SMSESSION">
      <saml:AttributeValue>
        Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyzTIOwpv0Gwka
        wFItFbHnk9DWVzyBvsFXIbNihLtvnT1tKfc52EILD6FQrpLCISV74rrvBoe10x
        u/9qIAQcvCp+KqCW5Z8N0P+.....</saml:AttributeValue>
      </saml:Attribute>
    </saml:AttributeStatement>
  </saml:Assertion>
</wsse:UsernameToken>
  <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</e:Header>

```

```

<e:Body>
  <ns10:Get2290Schedule1sResponse
    xmlns:ns10="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd">
    <ns10:Count>1</ns10:Count>
    <ns10:ListOfSubmissionError>
      <ns10:SubmissionError>
        <ns10:SubmissionId>0034562007200seven12</ns10:SubmissionId>
        <ns10:Error>
          <ns10:ErrorMessage>Backend system error</ns10:ErrorMessage>
          <ns10:ErrorClassification>SYSTEM_ERROR</ns10:ErrorClassification>
          <ns10:ErrorCode>SYSTMIO07500002</ns10:ErrorCode>
        </ns10:Error>
      </ns10:SubmissionError>
    </ns10:ListOfSubmissionError>
  </ns10:Get2290Schedule1sResponse>
</e:Body>
</e:Envelope>

```

3.3.7 Get2290Schedule1 Service Request Message

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Header>
    <ns1:MeF xmlns:ns1="http://www.irs.gov/a2a/mef/MeFHeader.xsd">
      <ns1:MessageID>00123200703900000034</ns1:MessageID>
      <ns1:Action>Get2290Schedule1</ns1:Action>
      <ns1:Timestamp>2007-01-19T21:27:25.696Z</ns1:Timestamp>
      <ns1:ETIN>00123</ns1:ETIN>
      <ns1:SessionIndicator>Y</ns1:SessionIndicator>
      <ns1:TestIndicator>P</ns1:TestIndicator>
    </ns1:MeF>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wssu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
      <wsu:Timestamp wsu:Id="id-d19272dad197c70a375502fd7af939d6344fd46">
        <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
        <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
      </wsu:Timestamp>
      <saml:Assertion AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
        IssueInstant="2007-02-08T22:54:14.572Z" Issuer="http://www.forumsys.com/sentry"
        MajorVersion="1" MinorVersion="1"
        xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
        <saml:Conditions NotBefore="2007-02-08T22:54:14.572Z"
          NotOnOrAfter="2007-02-08T23:09:14.572Z">
          <saml:DoNotCacheCondition/>
        </saml:Conditions>
        <saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
          AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
          <saml:Subject>

```

```

        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
            format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
            OU=Internal Revenue Service,OU=Department of the Treasury,
            OU=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
            <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:SubjectLocality IPAddress="123.34.56.789"/>
</saml:AuthenticationStatement>
<saml:AttributeStatement>
    <saml:Subject>
        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-
            format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
            OU=Internal Revenue Service,OU=Department of the Treasury,
            OU=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
            <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
            </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
    </saml:Subject>
    <saml:Attribute AttributeName="SMSESSION"
        AttributeNamespace="http://www.forumsys.com/sentry">
        <saml:AttributeValue>
            Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyzTIOwpv0Gwka
            wFItFbHnk9DWVzyBvsFXIbNihLtnT1tKfc52EILD6FQrpLCISV74rrvBoe10x
            u/9qIAQcvCp+KqCW5Z8N0P.....</saml:AttributeValue>
        </saml:Attribute>
    </saml:AttributeStatement>
</saml:Assertion>
<wsse:UsernameToken>
    <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</SOAP-ENV:Header>
<SOAP-ENV:Body>
    <Get2290Schedule1Request xmlns="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd">
        <SubmissionId>00123420070380000096</SubmissionId>
    </Get2290Schedule1Request>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

3.3.8 Get2290Schedule1 Service Response Message

```

<?xml version="1.0" encoding="UTF-8"?>
<e:Envelope xmlns:wn1="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd"
    xmlns:wn0="http://www.irs.gov/a2a/mef/MeFHeader.xsd"
    xmlns:i="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:e="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:d="http://www.w3.org/2001/XMLSchema">
    <e:Header>

```

```

<ns0:MeF xmlns:ns0="http://www.irs.gov/MeF/MeFHeader.xsd">
  <ns0:MessageID>00123200703900000034R</ns0:MessageID>
  <ns0:RelatesTo>00123200703900000034</ns0:RelatesTo>
  <ns0:Action>Get2290Schedule1</ns0:Action>
  <ns0:Timestamp>2007-02-08T22:54:36Z</ns0:Timestamp>
  <ns0:ETIN>00123</ns0:ETIN>
  <ns0:SessionIndicator>Y</ns0:SessionIndicator>
  <ns0:TestIndicator>P</ns0:TestIndicator>
</ns0:MeF>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
  <wsu:Timestamp wsu:Id="id-d19272dad197c70a375502fd7af939d6344fd46">
    <wsu:Created>2007-02-08T22:54:14Z</wsu:Created>
    <wsu:Expires>2007-02-08T23:09:14Z</wsu:Expires>
  </wsu:Timestamp>
  <saml:Assertion MajorVersion="1" IssueInstant="2007-02-08T22:54:14.572Z"
    Issuer="http://www.forumsys.com/sentry"
    AssertionID="id-bece5c1f6a8bef59ec775294472bae14455e57e9"
    MinorVersion="1" xmlns:saml="urn:oasis:names:tc:SAML:1.0:assertion">
    <saml:Conditions NotOnOrAfter="2007-02-08T23:09:14.572Z"
      NotBefore="2007-02-08T22:54:14.572Z">
      <saml:DoNotCacheCondition/>
    </saml:Conditions>
    <saml:AuthenticationStatement AuthenticationInstant="2007-02-08T22:54:14.572Z"
      AuthenticationMethod="urn:oasis:names:tc:SAML:1.0:am:password">
      <saml:Subject>
        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
          OU=Internal Revenue Service,OU=Department of the Treasury,
          OU=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
          <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
          </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
      </saml:Subject>
      <saml:SubjectLocality IPAddress="123.34.56.789"/>
    </saml:AuthenticationStatement>
    <saml:AttributeStatement>
      <saml:Subject>
        <saml:NameIdentifier Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">UID=username,OU=irsA2ASystem,OU=External,
          OU=Internal Revenue Service,OU=Department of the Treasury,
          OU=U.S. Government,C=US</saml:NameIdentifier>
        <saml:SubjectConfirmation>
          <saml:ConfirmationMethod>urn:oasis:names:tc:SAML:1.0:cm:sender-vouches
          </saml:ConfirmationMethod>
        </saml:SubjectConfirmation>
      </saml:Subject>
      <saml:Attribute AttributeNamespace="http://www.forumsys.com/sentry"
        AttributeName="SMSESSION">

```

```
      <saml:AttributeValue>
        Tox3pS9+H0J4Pfp2jxnudpLE1mQ/nRkfgyNrFla4FVHIIcf6f+fyzTlOwpv0Gwka
        wFltFbHnk9DWVzyBvsFX1bNihLtvnT1tKfc52EILD6FQrpLCISV74rrvBoe10x
        u/9qIAQcvCp+KqCW5Z8N0P.....</saml:AttributeValue>
      </saml:Attribute>
    </saml:AttributeStatement>
  </saml:Assertion>
<wsse:UsernameToken>
  <wsse:Username>username</wsse:Username>
</wsse:UsernameToken>
</wsse:Security>
</e:Header>
<e:Body>
  <ns10: Get2290Schedule1Response
    xmlns:ns10="http://www.irs.gov/a2a/mef/ETECTransmitterService.xsd"/>
  </e:Body>
</e:Envelope>
```

Section 4. Fault Responses and Error Messages

This section presents SOAP Fault response and log error message examples for the ETEC Web services. The SOAP Fault and Error Messages for ETEC have not yet been defined.

For the details of the MeF faults and error messages, see the *ISS MeF State and Trading Partners ICD* (Document No. PRIME_ISS_MeF-DOC-STP_ICD).

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Glossary

Transport

- [HTTP](#) (Hypertext Transfer Protocol)
An application-level protocol for distributed communication between Internet systems
- [HTTPS](#) (Secure HTTP)
A protocol that offers the secure delivery of HTTP packets between the server and client using SSL
- [SSL](#) (Secure Sockets Layer)
A secure session protocol that guarantees message privacy and message integrity
- [MIME](#) (Multimedia Internet Message Extensions)
A message format used to encapsulate binary payloads into SOAP messages
- [DIME](#) (Direct Internet Message Encapsulation)
A lightweight, binary message format designed to encapsulate one or more application-defined payloads into a single message construct

Packaging and Extensions

- [SOAP](#) (Simple Object Access Protocol)
A lightweight XML-based protocol for exchange of information in a decentralized, distributed environment
- [WS-Security](#) (Web Services Security Language)
A SOAP extension that enables secure interactions between Web Services providing credential exchange, message integrity, and message confidentiality
- [WS-Addressing](#) (Web Services Addressing)
A SOAP extension that provides transport-neutral mechanisms to address Web services and messages

Description

- [ETEC](#) (Excise Tax e-File and Compliance)
- [WSDL](#) (Web Services Description Language)
An XML format for the description of network services as a set of endpoints operating on messages containing either document-oriented or procedure-oriented information
- [XML](#) (Extensible Markup Language)
A simple, flexible text format used in the exchange of a wide variety of data on the Web and elsewhere

CA

(Certificate Authority)

An entity that issues digital certificates for use by other parties like VeriSign or IdenTrust