**EMTS Schema v3.1 Change Control Log**

This document describes the changes that have been made to the XML Schema Document (XSD) between schema versions 3.0 and 3.1. These changes are a result of the implementation of the Fuels Averaging, Banking, and Trading (ABT) credit program, which is available in EMTS to refiners and non-renewable fuel importers. For more information on these programs, see 40 CFR Part 80 Subparts L and O in the Final Rule at <http://www.gpo.gov/fdsys/pkg/FR-2014-04-28/pdf/2014-06954.pdf>.

The establishment of this program in EMTS introduces four new transaction types:

* Credit Buy
* Credit Generate
* Credit Retire
* Credit Sell

These correspond to four new files in the schema, respectively:

* EMTS\_CreditBuyTransactionDetail\_v3.1.xsd
* EMTS\_CreditGenerateTransactionDetail\_v3.1.xsd
* EMTS\_CreditRetireTransactionDetail\_v3.1.xsd
* EMTS\_CreditSellTransactionDetail\_v3.1.xsd

Within these new files, new data elements have been introduced. There are two locations where they have been defined. The new data elements and the schema files in which they are located are as follows:

* EMTS\_SimpleContent\_v3.0.xsd contains:
  + CreditQuantity
  + CreditStandardCode
  + CreditTypeCode
  + CreditYear
  + GenerateReasonCode
  + TimesTraded
  + CalculatedAnnualAverage
  + TotalVolume
* EMTS\_SupportingDocumentDetail\_v3.0.xsd contains:
  + CreditGenerateSupportingDocumentDetail
  + CreditBuySupportingDocumentDetail
  + CreditSellSupportingDocumentDetail
  + CreditRetireSupportingDocumentDetail

Additionally, “EMTS\_EMTS\_v3.1.xsd” has been modified to account for the four new schema files, and all files have been updated from v3.0 to v3.1 to reflect the new schema version.