**NAESB Electronic Tagging (e-Tag) Specification Version 1.8.4 Functionality Description**

Version 1.8.4 of the e-Tag specification, in coordination with updates to the NAESB WEQ Coordinate Interchange Business Practice Standards (WEQ-004), changes the calculation method used by e-Tag Authority services to compute the approval window end times for e-Tag requests. Specifically, when computing the approval window, Authority Services may no longer add the allowed distribution window time (outlined in column A of the commercial timing tables specified in WEQ-004, Appendix D), to the time allotted to the approval entities for conducting their assessments on e-Tag requests (outlined in column B of the commercial timing tables specified in WEQ-004, Appendix D).

Additionally, version 1.8.4 of the e-Tag specification also requires that all communication between the e-Tag Agent, Approval, and Authority Services take place using version 1.2 of the Transport Layer Security (TLS) cryptographic protocol.

In order to support these efforts, the following changes were made to the e-Tag specification:

* **Changes to e-Tag Agent Services:** 
  + Agent Services are now required to exchange e-Tag messages using only TLS v1.2.
* **Changes to e-Tag Authority Services:**
  + Authority Services are now required to exchange e-Tag messages using only TLS v1.2.
  + Authority Services are now required to treat columns A and B in the commercial timing tables to be mutually exclusive. The times specified in these two columns may no longer be added together when computing approval window end times.
* **Changes to e-Tag Approval Services:**
  + Approval Services are now required to exchange e-Tag messages using only TLS v1.2.