ESME Workbench 2012 features some dramatic changes from ESME Workbench 2011 / One Navy Model, from which it descends.

This demo release is intended to showcase the acoustic modeling features of the Workbench. Support for animal exposure, report generation, and sophisticated platform movement modeling will be addressed in imminent releases.

These release notes are intended to briefly sketch some of the major changes and features of Workbench 2012 demo.

1. Relational Database support
   1. ESME Workbench 2012 now stores and manages experiment data in a SQLite database.
2. Asynchronous, on-demand Environmental Data extraction
   1. Extract what you need when you need it, and cache it for later.
3. Asynchronous, on-demand transmission loss calculation