ESME Workbench 2010: Phase 2, Iteration 1

## New in this version:

## **Full Simulation Support**

When a simulation area has been defined and specified to have an operational area containing sound sources, environmental data, animal populations, and acoustic analysis points, the exposure of each static animal to all relevant PSM can be computed and output to CSV.

#### **Animat Location Files:**

Animat Location Files (\*.sce) now populate animats only in the geographical area specified by the ESME Scenario File (\*.nemo)

## **Transmission Loss Viewer:**

Analysis Points now have a more informative transmission loss viewer, in which the acoustic parameters of all modes are visible for each transmission loss field. Additionally, the bottom profile and bathymetric data are overlaid on each transmission loss field

#### User Interface

Numerous small changes in icons and menu layout for a more consistent look and feel were made.

## **Bugs fixed:**

-Plentiful stability and error-checking fixes.

# **Known Bugs:**

Reordering the Analysis Point layer will cause ESME to crash.