

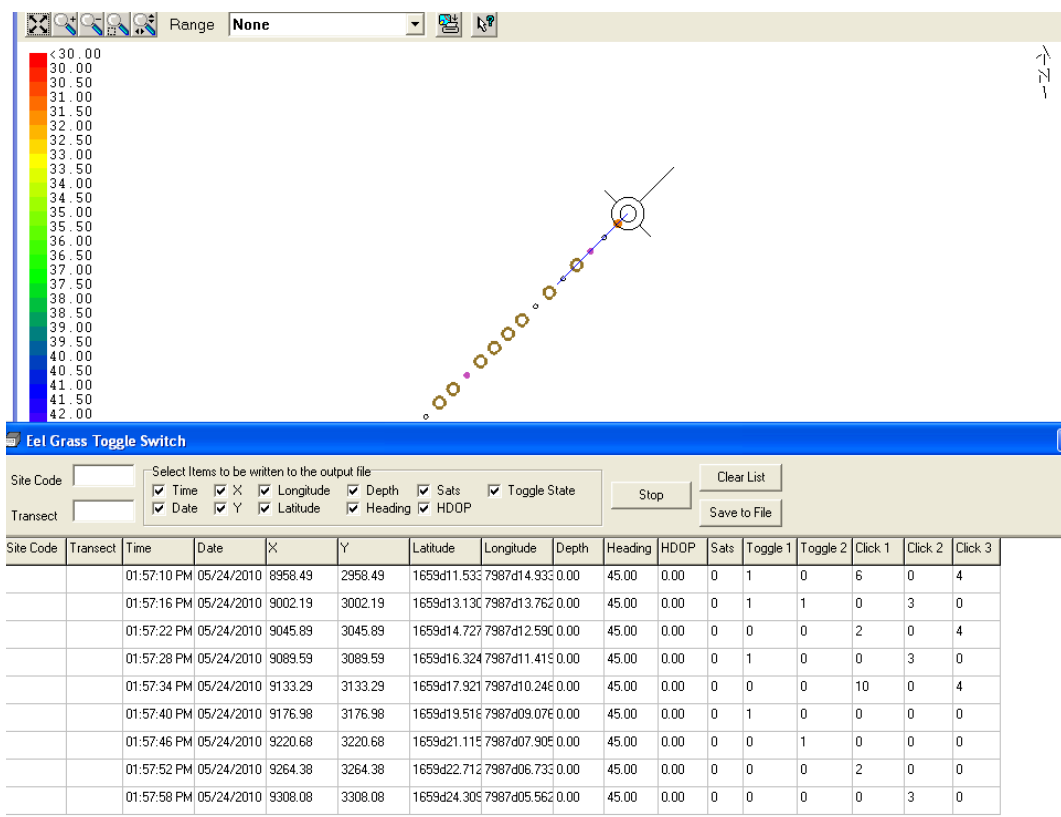


EelGrass Driver

by Ken Aiken

Recently I've been working on the EelGrass driver for Marine Resource Consultants. It was built for mapping subtidal vegetation and created a target every time a toggle was activated. However, this was no longer working for them because the device had been upgraded to have multiple switches. They now have requested a way to be able to tell the difference between the points created with each switch using different S57 symbols and map it to DG2 chart files.

FIGURE 1. Sample EelGrass Display



In the driver setup, you select a DG2 symbol for each switch from a drop-down list and root file name for your DG2 Charts. SURVEY creates a separate DG2 chart for each toggle (appending F1 and F2 to the root file name) and for each click (appending C1, C2 or C3 to the root file name)--5 charts per project.

FIGURE 2. *EelGrass Driver Setup Dialog*

After drawing the symbols to the screen, they are also appended to the DG2 file for the switch used, for viewing and processing afterward.

