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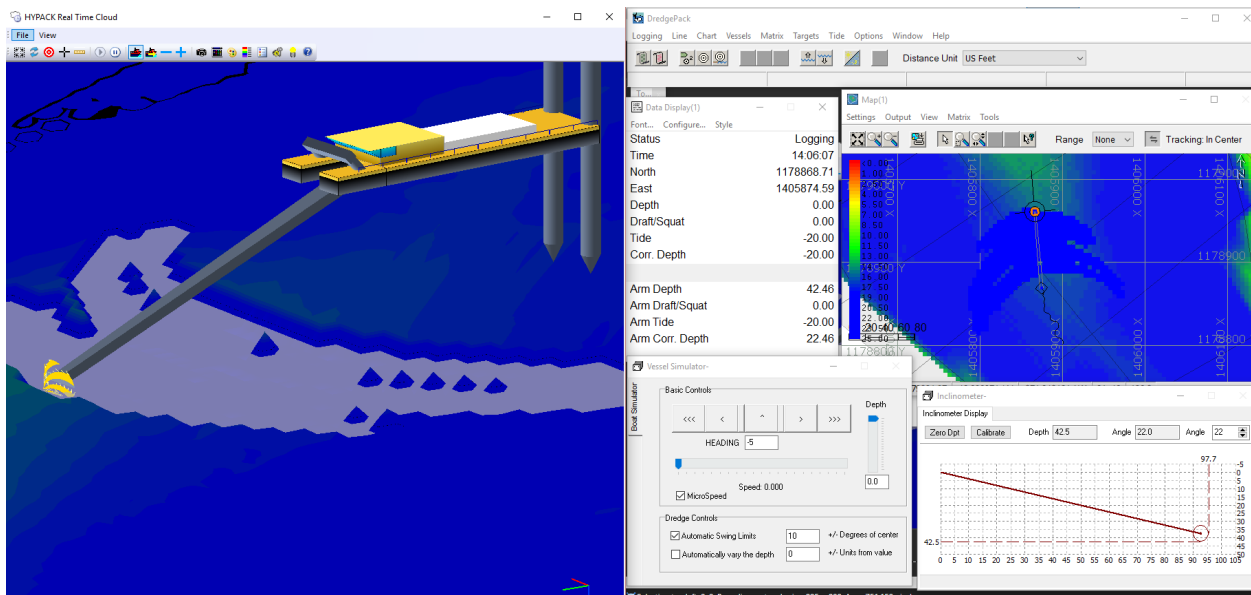
Dredging in Real Time Cloud

By Ken Aiken

In SURVEY and DREDGEPACK®, you can already launch REAL TIME CLOUD and display the survey or dredge matrix respectively. In addition to the maps in survey, this is a helpful feature to see where you've been and what you're collecting. It's very helpful for real-time quality assurance.

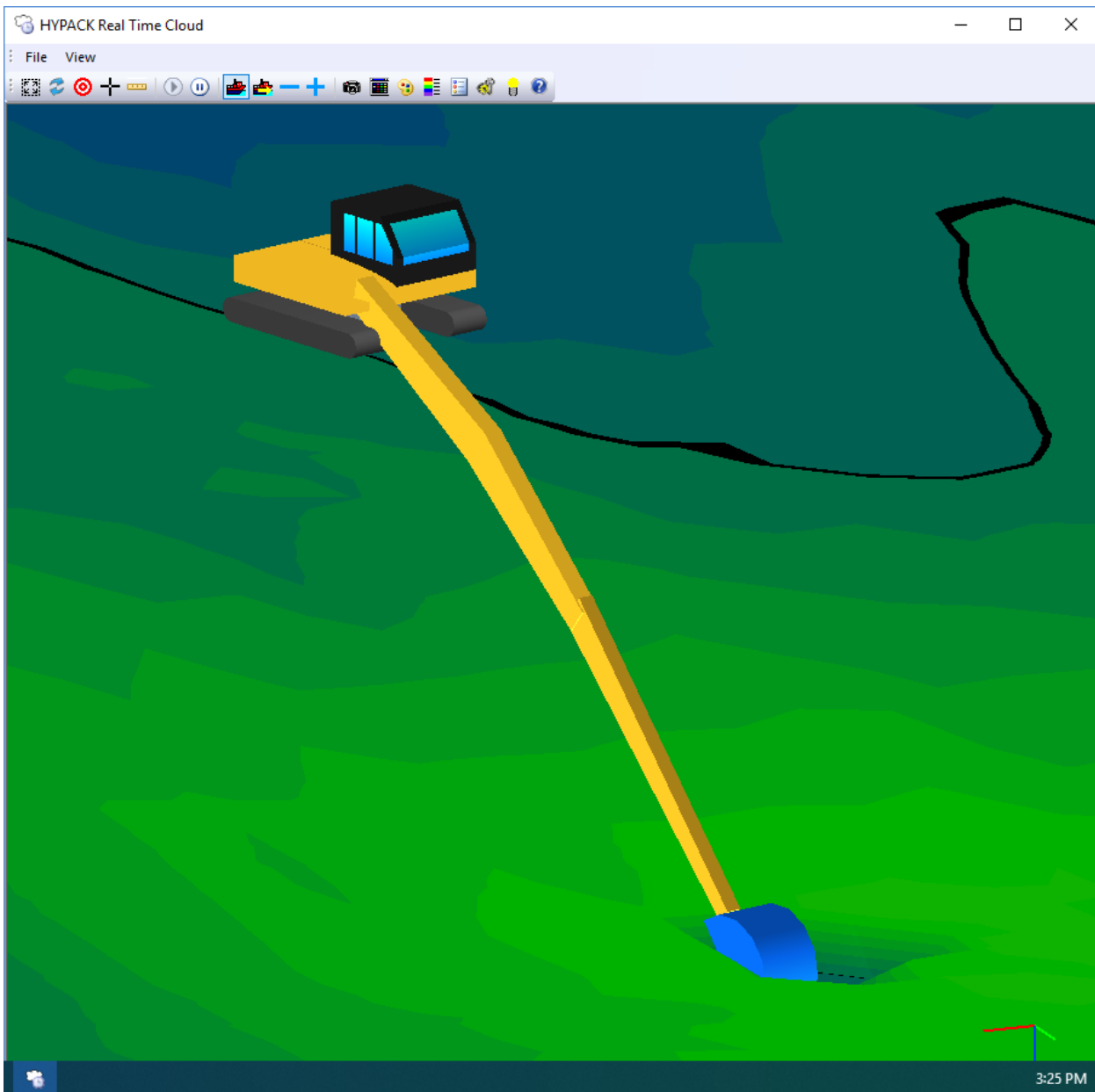
Recently, I've been working on bringing dredge shapes into REAL TIME CLOUD, replacing the boat shape, so you can see the moving arms and have a better understanding of what you are doing.

FIGURE 1. Dredge Shapes in REAL TIME CLOUD (left) and in the DREDGEPACK® Map Window (right)



This, combined with a channel display, provides a very good idea of your cutting tool depth and whether you have overdredged.

FIGURE 2. Excavator in REAL TIME CLOUD



So far, REAL TIME CLOUD works with the Excavator or Inclinator drivers to precisely display your bucket or cutter head position. Additional development is likely in the future to support other types of dredges.

Many of the settings for the dredge are read straight from their HARDWARE setup. This minimizes the REAL TIME CLOUD configuration required to show the cutter or excavator. You need only define the size of the body so the body doesn't pivot in odd ways.