

Introduction to a Glider System Transcription

Gliders are different from floats and drifters in that gliders are to some extent self-powered. In other words they have the ability to move themselves around. They can be directed from onshore to go here, there, or wherever people onshore want them to go.

This little figure was basically the schematic plan for the gliders. The different gliders were supposed to sample on different spatial scales. You have one glider sampling at a 50 km. relatively small scale, and a medium scale at about 140 km., and large scale at 200 km. It says 3 gliders down here, but we actually have more than that; we have several gliders going on.

Let me show this video. These are the glider deployments and the tracks of the gliders that went on during the cruise and after. You can see the gliders moving around. The blue ones that look like this, these are Seaglidors. We'll talk about Seaglidors in a little bit. The Wave Gliders are the ones with the paper airplanes with the smaller scale. You saw before the proposed or the schematic view of it, and this is what they actually did when we put them out there.