

Ocean Visualization
Wednesday, March 23, 2011
10 am Harbor View Conference Room

David Caress, Rich Henthorn, Brett Hobson, Steve Rock, Hans Thomas

Schedule

- Multibeam now here
- Cameras have arrived
- Get software from URI and WHOI over the next week or so
- Start testing camera setup on bench starting mid-March
- Probably we test the multibeam on Ricketts on April 14
 - Mob onto Ricketts week of April 4
- Start assembling tools by May 7 – Larry expects to be doing this much earlier
- At sea June 6-9 on Ventana

Meeting with Teledyne on March 10

- Greatest possibility for collaboration regards LED strobes. We'll see if anything develops

Letter from Stefan Williams at U Sydney ACFR

- Will invite him for April and June visits as he suggests
- Check if we can offer departmental support

Cameras have arrived

- Fired up on bench – works – hot and heavy
- Still have to decide on camera housings
 - Will use the existing Ti 6000 m housings with new back endcap
 - New endcap will be designed and built in house, use FCR connectors
 - Will need corrective optics

Multibeam has arrived

- Have all mechanical drawings
- Two host cables here – one to set up for plugging into the Ricketts and the power bottle to be used on Ventana – the other to be set up as deck cable.
 - Will have techs make test cable and deck cable
 - Will test on Ricketts before potting
- Need to make handling cradles and mounting plate etc
 - Easier since the water jet is working again
- Will set up for bench testing in the AUV lab.

Kearfott

- Issue finally identified as loose connector inside inertial subassembly, still three weeks out for return.

Camera control software

- Waiting to get software from Chris Roman
- Dave will contact Jon Howland to get his code, which includes a GUI interface

Topside data acquisition

- Steve Rock's group will be using Hawkeye
- Will need to borrow or buy a laptop capable of logging data coming on gigE. Need to have eSata or better.
- Dave will be looking for a laptop with fastest possible connection to large hard drive. The 4TB drives we have now have an esata interface, but the Mac laptops do not have esata. We can probably use a current generation HP or other PC laptop.