

Log 14 Thursday

. 142100Z September 2005

2. Position: Lat: 0-30.0S LONG 140-00.0W

3. Course: On station

4. Speed: 0 kts

5. Distance: 30.0 NM

6. Steaming Time: 3H 54M

7. Station Time: 20H 06M

8. Fuel: 1661 gals

9. Sky: Ptly Cldy; Cu, Sc

10. Wind: 090-T, 17 kts

11. Sea: 090-T, 3-4 ft

12. Swell: 120-T, 4-6 ft

13. Barometer: 1011.7 mb

14. Temperature: Air: 26.0 C, Sea: 25.3 C

15. Equipment Status: No change.

16. Comments: On station #11.

MASTER, R/V ROGER REVELLE

Today is the first broadcast from the Revelle into my classroom. We will be broadcasting into my 4th period class and Chief Scientist Dave Nelson from Oregon State University will be out guest!



In the main lab showing the students the bottles used to “incubate “ the phytoplankton for experiments.



The incubators on deck with the carboys containing the phytoplankton inside



Dr Nelson in the main lab showing the students the filters being used for the phytoplankton experiments

These broadcasts are done using the HiSeas Net system , more information can be found by going to: http://footsteps.ucsd.edu/revelle_support/ship.htm and looking at the section on Ship Communications. We are broadcasting in real time to my classes and they are able to see us and talk to us.

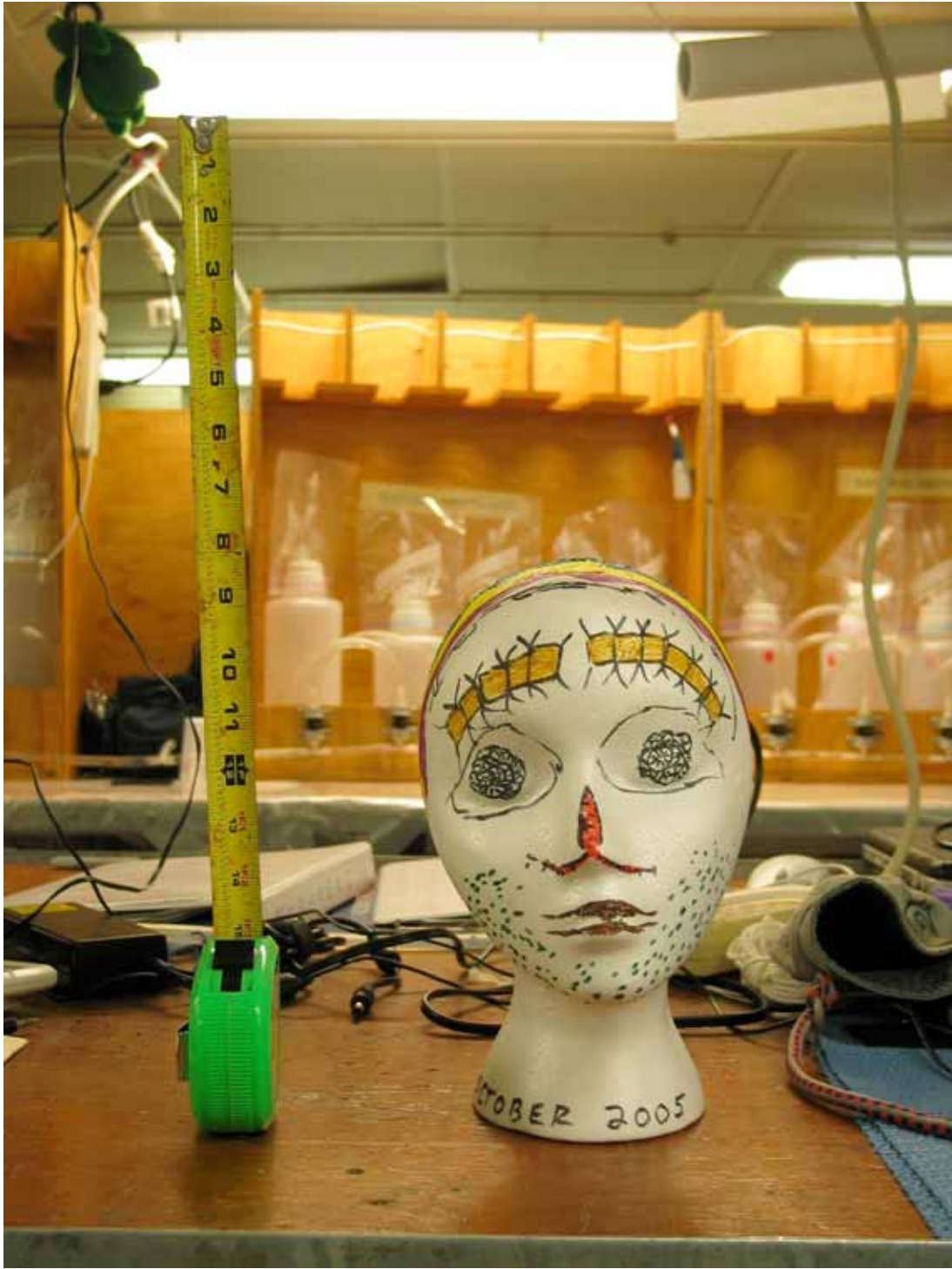
My students will be sending any questions they have about the broadcast to us out here on the Revelle and Dr. Nelson will be helping me answer them.

We had hoped to be able to show them a live CTD cast, but we just missed the window. Live TV is tough!

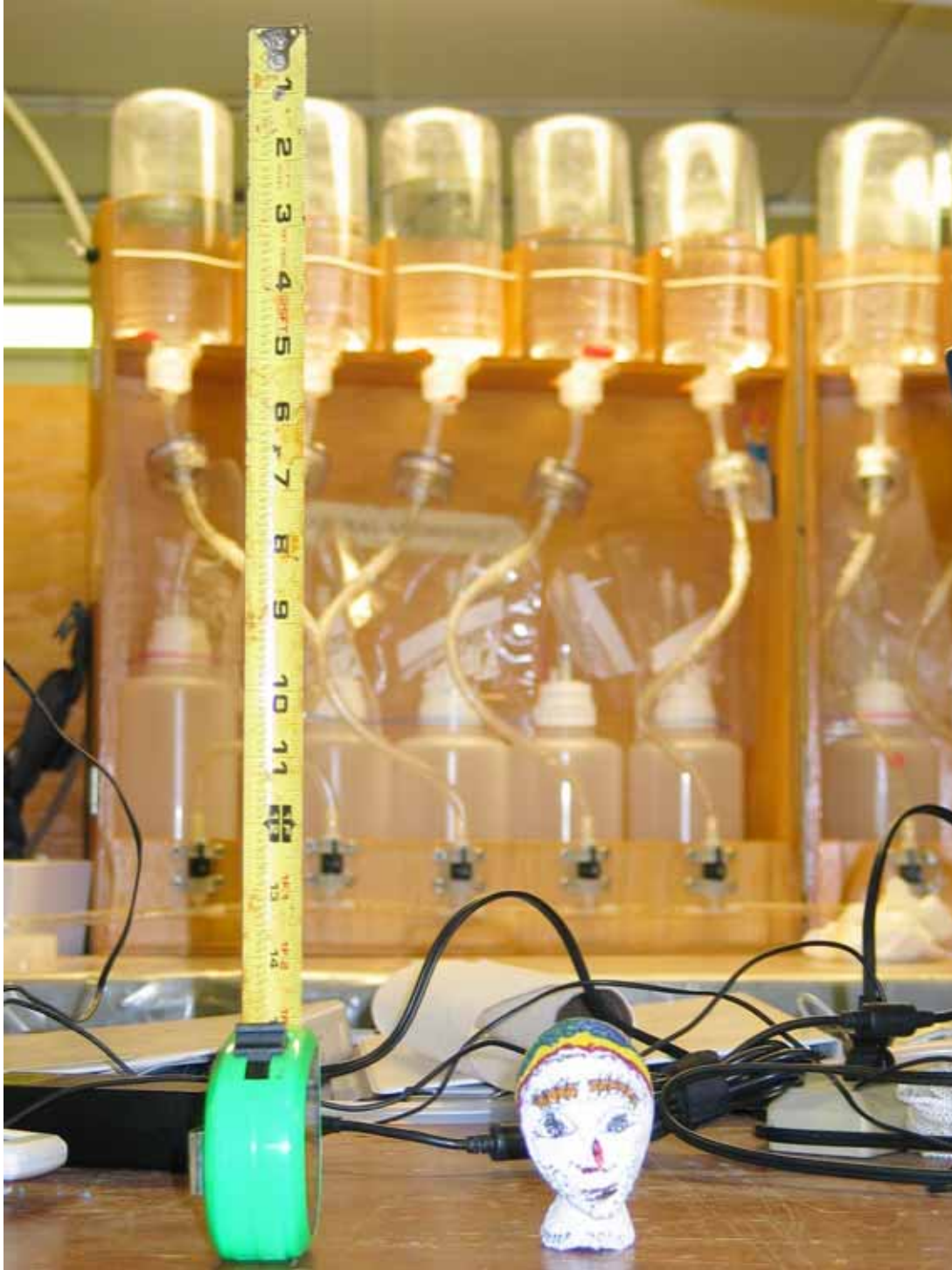


CTD Cast

But we were able to show them Jeff's Styrofoam head and some of their cups. My classes decorated Styrofoam cups and we sent them down on the CTD where the pressure squeezed the air out of them and "shrank" them! Jeff did a Styrofoam head and here are the results!



Before.....



After 4200 meters of pressure!