

Log 9 Saturday

- . 102100Z September 2005
2. Position: Lat: 2-29.8N LONG 139-59.9W
3. Course: On station
4. Speed: 0 kts
5. Distance: 75.6 NM
6. Steaming Time: 6H 48M
7. Station Time: 17H 12M
8. Fuel: 2584 gals
9. Sky: Cldy; Cu, Sc
10. Wind: 120-T, 12 kts
11. Sea: 120-T, 2-3 ft
12. Swell: 130-T, 3-5 ft
13. Barometer: 1011.1 mb
14. Temperature: Air: 27.5 C, Sea: 26.6 C
15. Equipment Status: No change.
16. Comments: Zooplankton net tow #3.06 in progress.

MASTER, R/V ROGER REVELLE

There are several different groups on board and most of them are using the large CTD Rosette to collect their samples. Some are sampling for phytoplankton and they use the rosette because the phytoplankton are so small that the mesh would have to be very fine to catch them in a net tow. Also they can sample phytoplankton from several depths and keep very accurate records of when and where and under what conditions they were collected. Other groups are sampling for Nitrates and Silica.



Putting the large CTD in the water, they are collecting phytoplankton samples as well as collecting data on the water column





The hooks attached to the poles you see are tag lines, that are used to stabilize the package as it is brought onboard. The goal is NOT to bang the rosette against the ship and break the rosette or damage the ship!



Taking water samples from the rosettes....all 34 bottles!