BOY SCOUTS OCEANOGRAPHY MERIT BADGE
MAY 22, 2004

Dr. Hofmann demonstrates how a CTD works during an overview presentation.

Dr. Klinck uses a map to address questions posed by the Scouts.

Dr. Hofmann shows a Scout how the XBTs work.

Some participants checked out the table-top display after the classroom presentation.

Drs. Hofmann and Klinck enjoy the view from the R/V *Fay Slover.*

Laura Gibson, marine technician for the R/V *Fay Slover*, explains safety instructions.

A refreshing breeze made the day perfect for being on the water.

Drs. Hofmann and Wiggert converse with one of the Scout leaders.

Enjoying the view while approaching the sampling station.

A Scout watches from the stern of the *Slover*.

The Scouts learn how a CTD Rosette works.

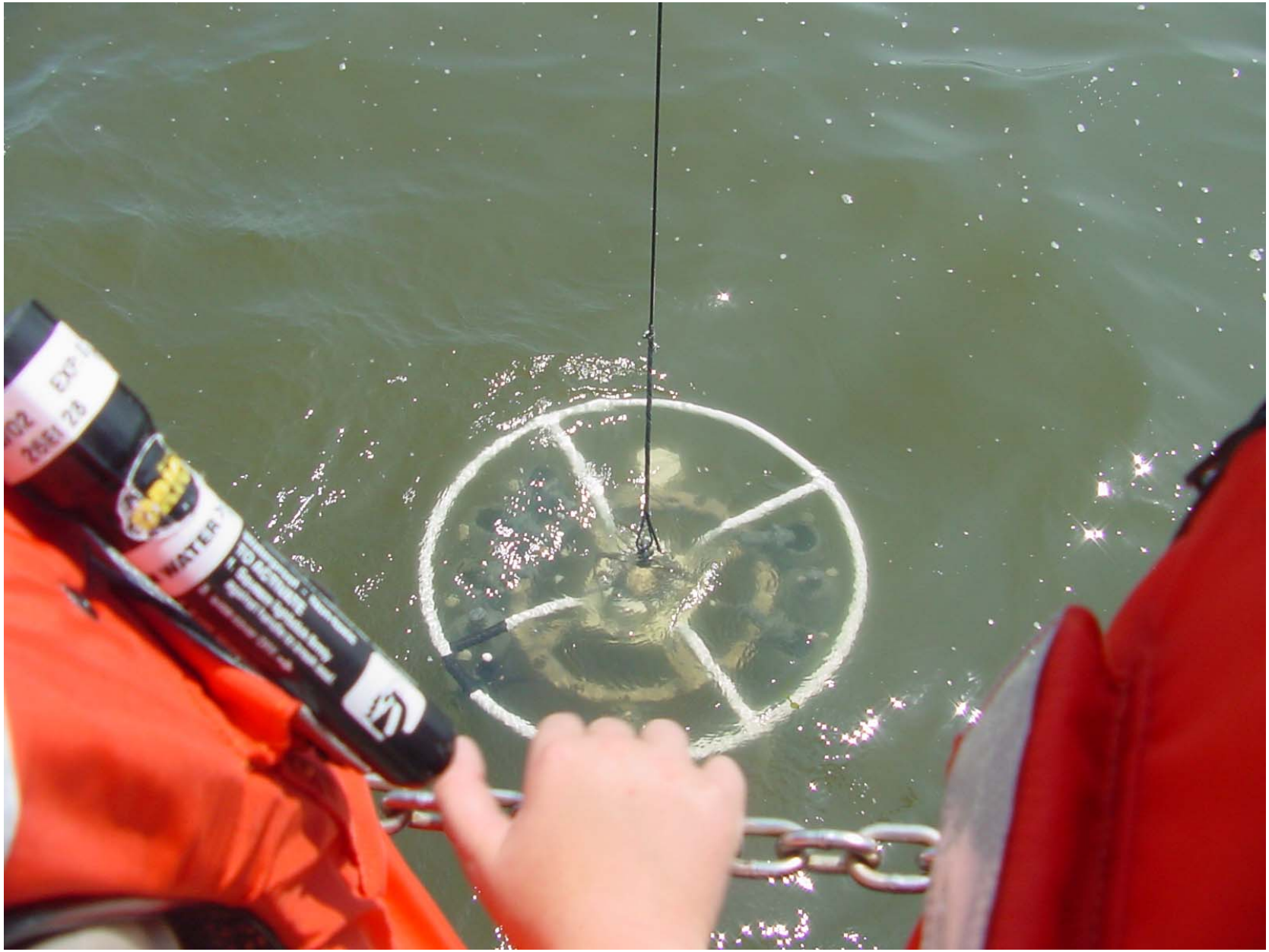
Laura demonstrates how the Nisken bottles operate on the CTD.

Attaching the cable to the CTD Rosette.

Preparing to move the CTD Rosette over the stern of the *Slover*.

Dr. Wiggert helps the Scouts guide the Rosette.

The CTD Rosette is being deployed.



The CTD Rosette is surfacing after deployment.

The Scouts guide the Rosette back onto the *Slover*.


4
3

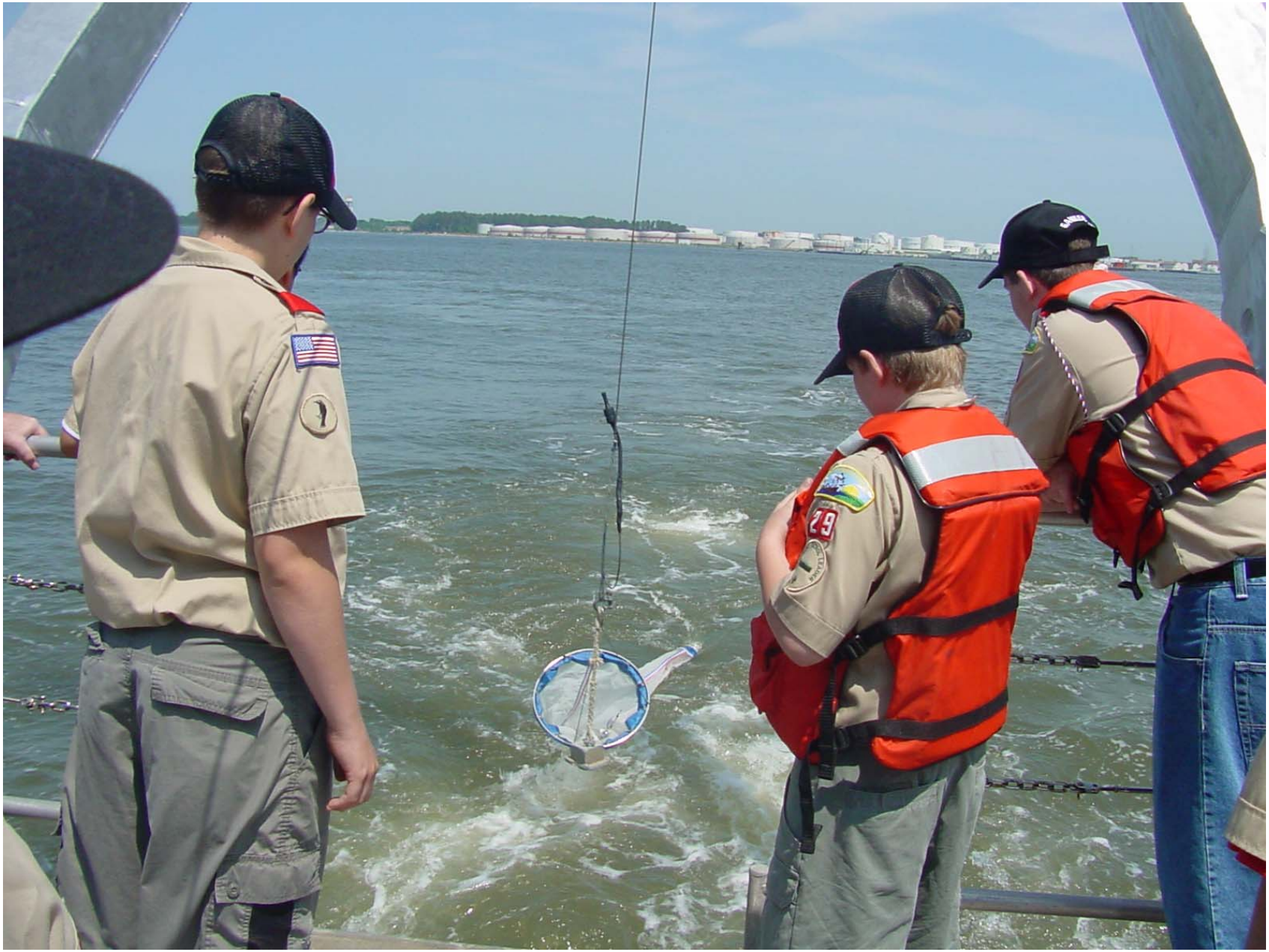
Next is deployment of the plankton net.

The canister is attached to the net.

Laura connects the cable to the net.

Guiding the net out for deployment.

The plankton net is hoisted out into the water.



The plankton net is towed behind the *Slover*.

While waiting for the plankton net, the Scouts check the samples from the CTD Rosette.

The net is being brought back up on board.

Washing off the net before removing samples.

The sampling canister is carefully disconnected from the net.

Dr. Klinck and others monitor the computers down in the cabin of the *Slover*.

More monitoring of the computers.

Dr. Hofmann prepares the plankton net sample for viewing under a microscope.

Dr. Hofmann explains which organisms are found in the sample.

A Scout checks out the sample, which includes a ctenophore, copepods, and amphipods.