

Great Lakes Monitoring

Assessing the Quality of the Great Lakes Ecosystem



USEPA *R/V Lake Guardian* Regularly tests Water, Sediment, and Biological Quality of the Great Lakes

Sampling with Vertical Water Sampler



Deploying Rosette Water Sampling Array



Processing Samples Collected with Rosette Water Sampler





University of Michigan's
R/V Laurentian Collecting
Plankton Samples



Lowering Box Corer to Collect Sediment Samples from Lake Bottom

Removing Sediment Sample from Box Corer





USGS Biological Resources Division's
R/V Musky II Collects Fish to Assess
Fish Populations and Toxic Contaminants



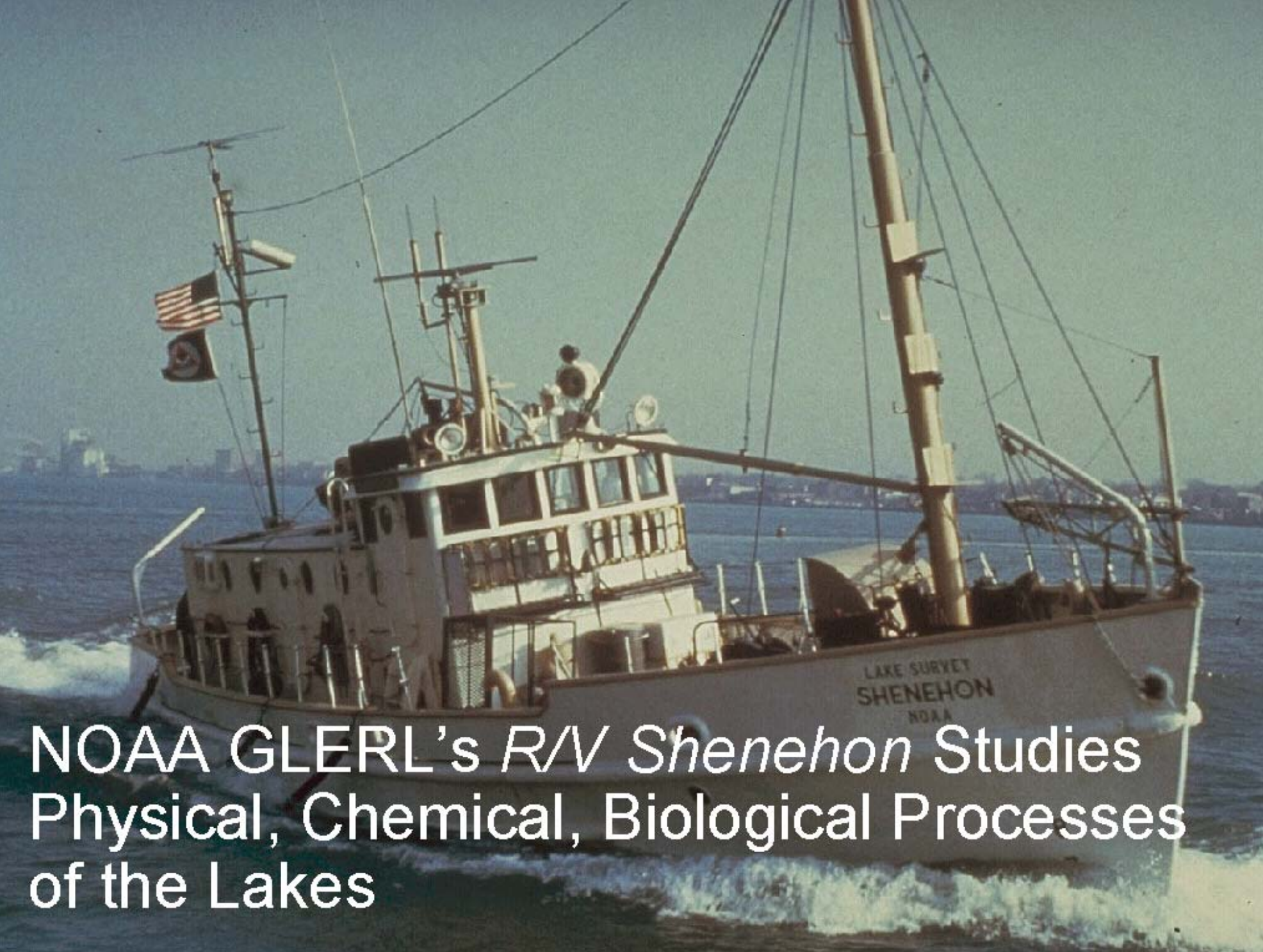
Coho salmon



Bloater chub



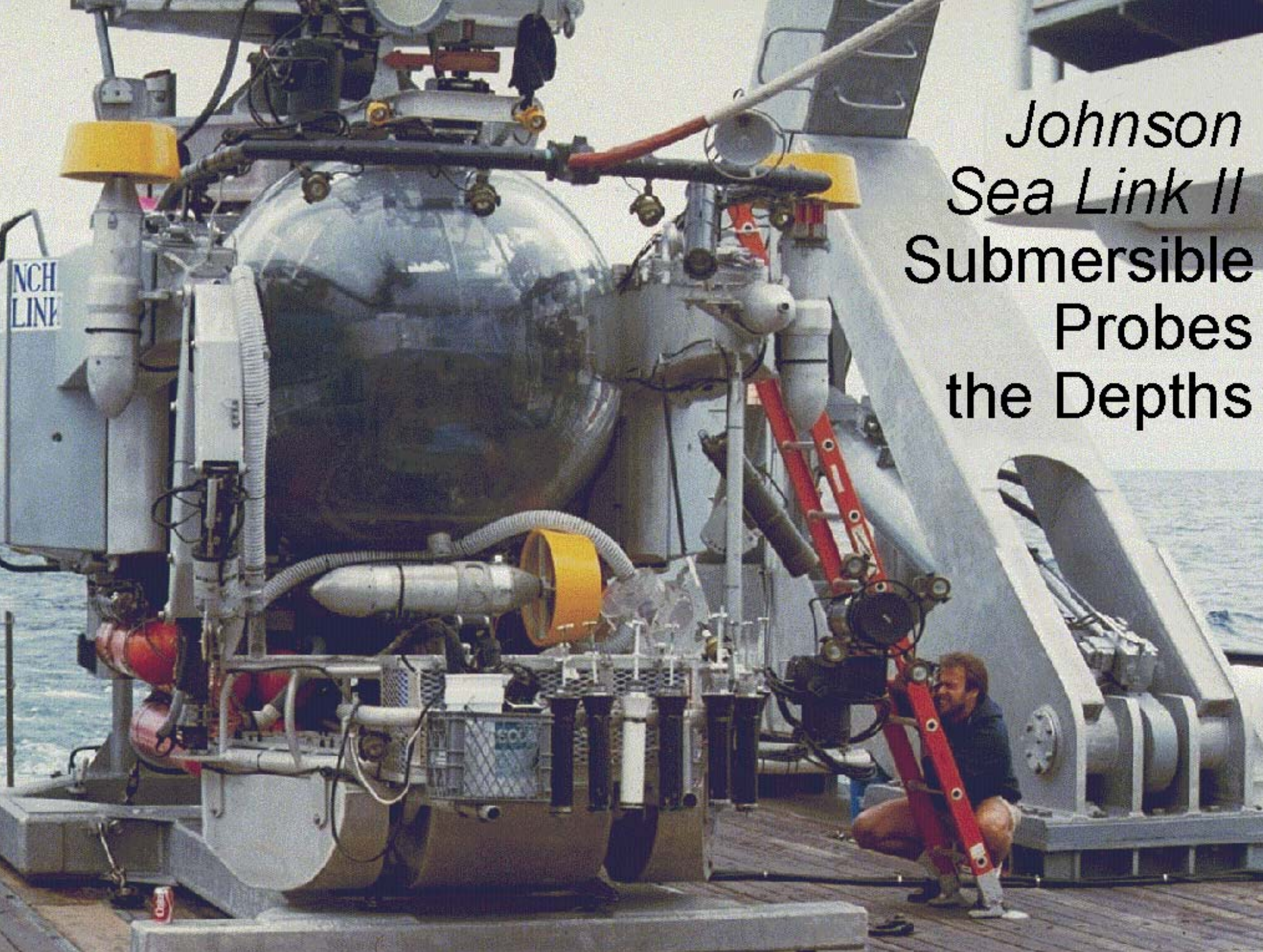
Lake trout




NOAA GLERL's *R/V Shenehon* Studies
Physical, Chemical, Biological Processes
of the Lakes

Remotely Operated Vehicle (ROV) Deployed from USEPA RV Lake Guardian





*Johnson
Sea Link II
Submersible
Probes
the Depths*



Diver makes
underwater
measurements



USEPA R/V Mudpuppy
Collects Sediment Samples

Lowering Sediment Core Sampler (Vibracorer)



Retrieving Sediment Core Sample



Removing Sediment Sample from Core Tube

