



## The R/V Kiyi - Lake Superior

*The USGS Great Lakes Science Center is dedicated to providing scientific information for restoring, enhancing managing and protecting living resources and their habitats in the Great Lakes region.*

*The Center is headquartered in Ann Arbor, Michigan, and has biological stations and research vessels located throughout the Great Lakes Basin.*



### The R/V Kiyi

The R/V *Kiyi* is the Great Lakes Science Center's largest research vessel at 107 feet long and it is based on the largest Great Lake, Lake Superior. It is also the Center's newest research vessel, commissioned in April, 2000. It conducts fish stock assessment, fisheries research and habitat monitoring in cooperation with state, federal, tribal and university partners through the Lake Superior Technical Committee of the Great Lakes Fishery Commission. The *Kiyi* uses trawls and gillnets to annually sample preyfish populations and to track progress in the sustainability of the lake trout population. The *Kiyi* is also used to collect fish and environmental samples for a wide spectrum of studies, including the Great Lakes Contaminant Monitoring Program in cooperation with the U.S. Environmental Protection Agency.

### Specifications

The *Kiyi* has four crew members: a captain, mate, engineer, and deck chief. In addition to the crew, the *Kiyi* sleeps five scientific personnel and has two heads with showers, a galley, a laundry room, and potable water storage of 2400 gallons. The *Kiyi* can be at sea without replenishment for two weeks.

*Length: 107 feet*

*Beam: 27 feet*

*Draft: 10 feet*

*Propulsion: Twin Cummings diesels*

*Cruising speed: 10 knots*



Back deck of the *Kiyi*

### On-board Equipment

The *Kiyi*, which completes many fisheries and limnological cruises per year, is fully equipped for numerous methods of collection. A Kolstrand gillnet lifter, a Stern Oceanographic A frame, trawler net reels, a 9000 pound deck crane, and a davit boom with a Pullmaster bathythermograph winch are on board to facilitate research. A wet lab and freezers allow for on-board processing of samples. Safety equipment includes a 14 foot inflatable Zodiac boat, 2 ten person life rafts, 15 survival suits, and a fixed CO2 engine room fire suppression system.

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