Modern Science Vessels

New vessels are more capable of meeting current and future sampling requirements and are more fuel-efficient, environmentally friendly and have lower maintenance costs.

The Challenge

To provide a modern, efficient and economically viable fleet to better serve science and educational efforts in the 21st century.

GLASS   The Great Lakes Association of Science Ships

Dedicated to facilitating communication and collaboration between science vessels and helping to best match the capabilities of all vessels with the needs of research and educational programs throughout the Great Lakes region.

Mission
To foster collaboration between operators of U.S. and Canadian science ships to best serve the needs of the Great Lakes community.

GLASS helps organizations throughout the Great Lakes region to more effectively manage the operations of U.S. and Canadian science vessels by:
- Fostering strong communications
- Promoting the best utilization of all resources
- Raising awareness about the valuable services these ships provide
- Communicating Great Lakes science vessel resource needs to decision makers

Communication + Coordination = Best Utilization & Cost Savings

GLASS Achievements

- **Development of a comprehensive action plan**
- **Formation of work groups addressing administrative needs, vessel utilization, standards development and personnel issues**
- **Establishment of a science vessel web page**
- **Creation of an interactive science vessel database**
- **Organization of annual workshops and training sessions**

Our Goals

- Facilitate communication and coordination both at operational and program levels, formalizing and promoting collaboration between state, provincial and federal agencies, universities and private sector groups, to maximize institutional efficiencies, reduce costs and minimize jurisdictional impediments.
- Enhance vessel safety and equipment standards, and protocols for data acquisition, methodology and quality assurance.
- Help optimize crew requirements, professional qualifications and training.
- Help managers improve institutional and administrative arrangements.
- Promote fleet modernization – identify the limits of an effective service life and proactive approaches for replacing vessels in the Great Lakes science vessel fleet.
- Raise awareness about the importance of Great Lakes science vessels to address research, monitoring and education needs for government decision makers and the public.

For more information, visit our website at:
www.CanAmGLASS.org