



Glosten

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Glosten and One2three to Design New Research Vessel for AIMS

TOWNSVILLE, QUEENSLAND (AUSTRALIA) — The Australian Institute of Marine Science (AIMS) has selected Glosten and One2three Naval Architects to design their new state-of-the-art research vessel. The Glosten-led team includes One2three Naval Architects from Sydney and Maritime Survey Australia (MSA) from Melbourne.

The new vessel will be bigger and more capable than its predecessor, with a larger working deck, room for more scientists on board, and the ability to act as a multi-technology and sensor platform, coordinating a range of autonomous systems. The design team will produce three concepts for consideration by AIMS, including multi-hulled options.

“Our research vessels are integral and essential to Australia’s marine research capability, giving our scientists access to the diverse habitats that make up our remote and extraordinary tropical waters and enabling them to conduct experiments at sea,” said AIMS CEO Dr. Paul Hardisty.

The new research vessel will replace the R/V *Cape Ferguson*, which joined AIMS’ research fleet in 2000 and has been the work horse of AIMS’ field research and monitoring programs in northern Australia. It has typically travelled more than 15,000 nautical miles annually, during more than 270 days at sea each year, but is now at the end of its operational life.

“Integrating requirements of the ocean science community with accepted maritime practice has been a key to Glosten’s success as research vessel designers. By partnering with One2three and MSA, we’re adding invaluable multi-hull experience to the team, as well as a deep understanding of Australian regulations and shipbuilding. We are confident that this is the right group to ensure AIMS’ vision is realized,” said Glosten president Morgan Fanberg.

The collaborative design process is slated for completion by June 2024.

About Glosten: Glosten is a full-service consulting firm of naval architects and marine, electrical, production, and ocean engineers. The firm’s design experience includes research vessels, tugs, barges, passenger and car ferries, and special-purpose platforms. Glosten has provided design and engineering support to the oceanographic research community for more than sixty years, working with scientists and operators to provide economical designs that are optimized for marine science operations, location-specific environments, and energy efficiency.

About AIMS: The Australian Institute of Marine Science (AIMS) is Australia’s tropical marine research agency. In existence for half a century, it plays a pivotal role in providing large-scale, long-term and world-class research that helps governments, industry and the wider community to make informed decisions about the management of Australia’s marine estate. AIMS science leads to healthier marine ecosystems; economic, social and environmental benefits for all Australians; and protection of coral reefs from climate change.

Contact:

Maggie E. Moon, Director of Business Development
Glosten
Phone: (206) 624-7850
Email: memoon@glosten.com

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