

DESMI KaziCat – the revolutionary design that offers you the platform for both commercial and military duties

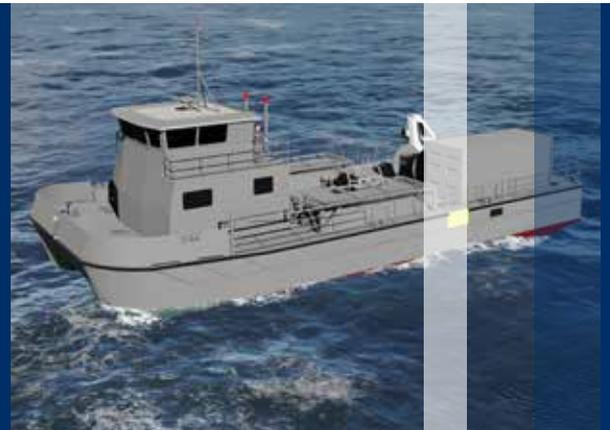
Proven Technology

HIGH-QUALITY VESSELS

DESMI has a plus 30 years history in building high quality vessels, which could be adapted for Oil Spill Response duties, Navy & Coast Guard use and other duties.

Based on our experience, and valued input from our customers, we have developed a revolutionary concept for workboats of this type.

By offering modular variations for different applications, the DESMI KaziCat can be used for more than 10 different duties.



To list some of the duties this boat can handle:

- Normal Workboat in ports
- Module for transport of people in specially designed container
- Module for transport of injured people in specially designed container - second row SAR
- Module for garbage collection via conveyor belt into 2 x 20' open top containers (lower container positions)
- Module for Oil Spill Recovery where recovered oil is stored in 20' containers (lower container positions)
- Module for Ballast Water Management Systems (BWMS) installed in 20' container - DESMI Compact Clean IMO and USCG approved - allowing this vessel to handle ballast water from vessels still not having BWMS installed
- Module for hull cleaning installed in 20' container - allowing this vessel to perform hull cleaning with diver assistance
- Module for sophisticated diving vessel with divers using hatch between hulls and also having a 20' container with decompression tank
- Module for fire fighting from aft of vessel
- Module for transport of cargo using flat racks at two aft positions
- Module for inspection of seabed using WASSP multibeam scanner
- Module for scientific vessel with space for 2 x 20' containers with laboratory equipment
- KaziCat can also be delivered prepared for military applications like Search and Rescue, Seabed monitoring as well as having dedicated Drone unit onboard for enhanced observation tasks.

Physical parameters:

Length overall	24.60 meters
Load line length	23.95 meters
Breadth (moulded)	9.60 meters
Depth (moulded)	3.84 meters
Draft loaded	1.75 meters
Fuel tank	15,000 liters
Fresh water tank	10,000 liters
Sewage holding tank	3,500 liters
Bilge holding tank	600 liters
Engine	2 x 610 kW Yanmar @ 1900 rpm
Lightship weight	92 tons
Full Load displacement	193 tons
Speed lightweight	14 knots
Speed full loaded	13 knots



As per MCA category 2 - 60 nm to safe haven the boat has accommodation with 4 bunks, galley with eating space. The accommodation can also be delivered Airconditioned and with separate captains berth

Special features:

By having the first two container positions lowered, the stability of the boat is increased. Further, the advantage of using 20' cylindrical tanks in container frames when conducting oil spill clean up operations is that the two tanks can be replaced in less than 20 minutes by port cranes when filled and the boat calls the port. Meaning operation time for the boat is increased a lot compared to emptying conventional tanks.

When using the boat for garbage collection standard open top containers can be used in the lowered container positions where the conveyor system Guides the recovered material directly into the two standard containers with a transverse conveyor belt. Meaning port cranes can be used when lifting the recovered garbage from the vessel for further treatment.

DESMI Compact Clean Ballast Water Treatment requires no holding time between two treatments. Meaning that the ballast water from the vessel can be pumped into the treatment container and directly into the port from the container. Meaning your port can offer this service to vessels without their own treatment systems installed, making your port attractive.

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