



Workboats & Response Vessels
Catamaran Response Vessel with built in Recovery System

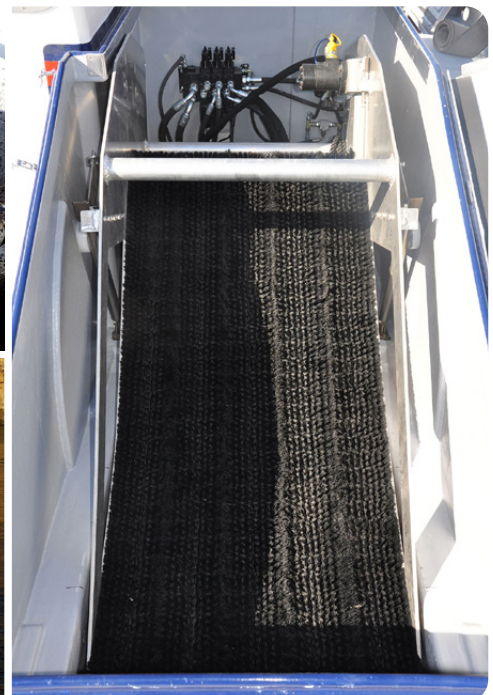
Seaguardian Twin 12



New Naval

The Seaguardian Twin 12 Dynamic Recovery Vessel is unique and innovative fast response and recovery, dynamic, Catamaran hulled vessel designed to immediately mobilize to any incident that might pose a threat to the marine environment. Her unique design allows handling and operation with minimum crew requirements. The significant advantages compared to the conventional oil spill response vessels are summarized below:

- Seaguardian Twin 12 is equipped with a built-in retractable oleophilic belt skimmer which allows oil recovery operations to commence almost immediately upon arrival on the spill site.
- High speeds up to 18 knots, thus minimizing initial response time.
- The vessel also carries an on-board, lobe type, transfer pump, ideal for any transfer operation.
- Able to accommodate oil containment booms, dispersant spraying systems and deployment or recovery of equipment by utilizing the on-board crane.





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TECHNICAL SPECIFICATIONS

Length (LOA)	11.90 m
Beam (Molded)	4.30 m
Operational Speed	up to 18 knots
Bollard Pull	2200 kg
Hull Material	Glass Reinforced Plastic (GRP), Aluminium or other
Hull Type	Catamaran
Fuel Autonomy	100 nm
Fuel Capacity	1000 L
Engines	2 x 315 hp Yanmar
Sea Status	Operative up to 7 Beaufort
Required Crew	2
Oil Skimmer Recovery Rate	75 m ³ /h
Oil Skimmer Efficiency	> 90%
Transfer Pumping Rate	90 m ³ /h
Recovered Oil Storage Tanks	6000 L
Deck Crane	FASSI MICRO M30A.13
Crane Lifting Capacity	995 kg at 1.5 m

OPTIONAL EQUIPMENT:

- Dispersant spraying system
- Booms reels or crates
- Accommodation
- Spill detection system