



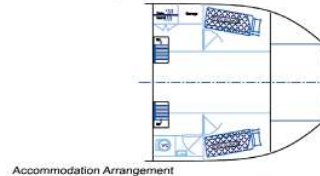
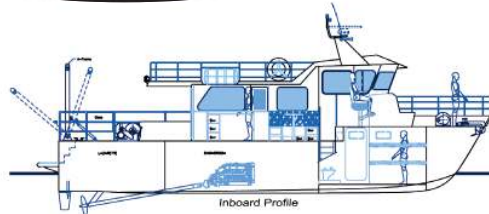
R/V Shearwater

CatFacts



The R/V Shearwater operates in the Channel Islands National Marine Sanctuary.

SPECIFICATIONS	
Length	62'
Beam	24'
Draft	3'
Passengers	N/A
Engines	2 x MTU Series 60 - 14 Liter
Rating	600 hp @ 2100 rpm
Fuel Capacity	1200 gal.
Propulsion	Osborne Props. (5 Blade)
Speed	20 kn. Cruise / 24 kn. Top
Construction	Aluminum - Marine Grade
Builder	All American Marine, Inc.
Designer	Teknicraft Design, Ltd.
Launched	November 2002
Classification	N/A



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The Channel Islands National Marine Sanctuary's new 62' high-speed Teknicraft catamaran will be used primarily as a research platform, conducting biotic and abiotic oceanographic research in the waters of the Santa Barbara Channel in Southern California. In addition to this role, the vessel will serve as a host for educational field trips and emergency response in and around the Channel Islands National Marine Sanctuary.

The A-frame and winch configuration will be used for a variety of projects including trawls, CTD casts, sediment sampling, and towing equipment such as sidescan

sonar and ROVs. The wet and dry labs will allow on-board processing of samples and data.

Extensive dive operations will be supported by on-board facilities and equipment. Recent efforts within the Sanctuary have emphasized sea bird research, archeological/cultural research (primarily shipwrecks) and collecting baseline data for emerging management issues. On-board berthing, stowage, galley and safety equipment will allow multiple-day excursions with crews of up to ten scientists.



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