

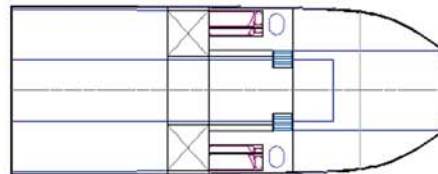


# NOAA 53'

The Next Generation in Catamaran Design



The 53' high speed catamaran will operate in the Tortugas Ecological Reserves and the Florida Keys National Marine Sanctuary.



## SPECIFICATIONS

Length	53'
Beam	20' 6"
Draft	2' 8"
Passengers	N/A
Engines	Twin MTU 8V2000 M92
Rating	1085 hp / 2450 rpm
Fuel Capacity	1,000 gal
Propulsion	Hamilton Jet 403
Speed	42 kn.
Construction	Aluminum - 5383 Marine Grade
Builder	All American Marine, Inc.
Designer	Teknicraft Design Ltd.
Launched	Winter 2005
Classification	N/A

Florida Key's National Marine Sanctuary's new 53' high-speed catamaran will serve as a long-range law enforcement patrol boat in the Lower Keys. The primary operating area will be the remote Tortugas Ecological Reserves 70 miles west of Key West. Long distances between home port and the patrol area require a fuel efficient, high cruise speed along with the ability to sprint at very high speeds during pursuit. A Teknicraft hydrofoil assisted catamaran powered by Detroit Diesel engines and propelled by Hamilton waterjets was selected as a replacement for an aging Coast Guard cutter.

The vessel will patrol in deep water as well as sensitive coral reef and mangrove areas where a shallow draft and very low wake wash are required. The Teknicraft catamaran has demonstrated very low wake wash characteristics.

A state-of-the-art electronic joystick control system along with a low boarding area will allow the law enforcement officers to safely inspect vessels as well as provide other emergency response services.

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