

MarineNews

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DECEMBER 2007

Great Boats *of 2007*

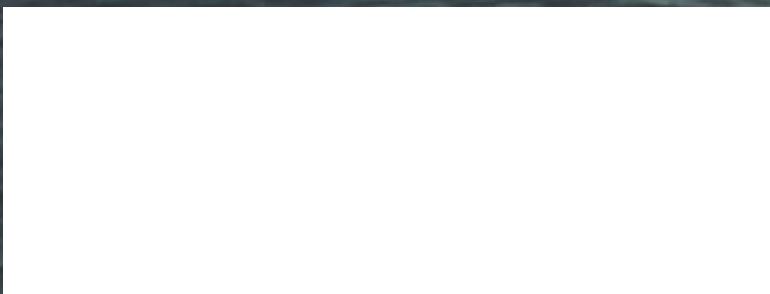


MS. BONNIE

Miller's Small Boats and
The Big Picture

Salvage
ASA Set for a Strong Year

Legal
Vessel & U.S. Port Air Emissions Update



MarineNews

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On the Cover: The Ms. Bonnie is an aluminum crew vessel that was designed by A. K. Suda, Inc. for Barry Graham Oil Service, L.L.C. (Photo Credit: Skeet's Photography)

17 Miller's Launch, Miller's Way

Miller's Launch, operated Glen Miller, offers one of New York's largest fleet of small workboats.
by Don Sutherland

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First and Ten	GPA-654 PSV	Bollinger	Rigdon Marine
Energy 6506	Clean oil tank barge	Bollinger Marine Fabricators	Hornbeck Offshore
Aialik Voyager	Teknicraft hydrofoil-assisted cat	Kenai Fjords Tours	All American Marine
M2-37	Rescue/Response boats	Moose Boats	Port Authority of NY/NJ Police
-	Patrol/SAR vessels	SeaArk	Egyptian Ports and Lighthouses Admin
Ms. Bonnie	Crewboat	Halimar Shipyard, L.L.C.	Barry Graham Oil Service, L.L.C.
Z-Tech 6000	Ship Handling Tug	Cheoy Lee Shipyards Ltd	Panama Canal Authority
Seacor Cheetah	Catamaran Crewboat	Gulf Craft	Seacor Marine
Thor	Tugboat	Main Iron Works	Suderman and Young Towing Company
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GREAT BOATS OF 2007

Boat Name Aialik Voyager
Boat Type Teknicraft hydrofoil-assisted Cat
Builder All American Marine
Owner Kenai Fjords Tours
Operator Kenai Fjords Tours
Designer Teknicraft Design
Delivery Date March 2007

All American Marine, Inc. delivered a 82.7 x 29.2ft (25.2 x 8.9m) Teknicraft hydrofoil-assisted catamaran that will operate glacier and wildlife tours in Seward, Alaska. The 150 passenger vessel was built under contract for Kenai Fjords Tours, a division of Alaska Heritage Tours and a member of the CIRI Alaska Tourism Corporation. Kenai Fjords Tours is the original tour operator in the Kenai Fjords National Park and has been operating tours since 1974. The Aialik Voyager is inspected and certified under USCG Subchapter T regulations and was completed and delivered ahead of schedule.

While the Aialik Voyager is uniquely designed, it was inspired in part by the success of the 83ft (25.2m) Valdez Spirit which All American Marine built for Stan Stephens Cruises in 2005. The Aialik Voyager provides views from two decks. The upper deck includes an outdoor observation area with exterior seating, while the main deck features a wrap around exterior walkway with rain shelter. The vessel is accessible and offers wide aisle ways, low clearance door sills, and a gradual ramp that sweeps up to the fore deck so that all passengers can easily access the same viewing experience. The cabins are equally accommodating with comfortable Eknes seating, plenty of LCD video monitors, high grade Bose sound system, and large viewing windows that feature a specialized fog-free defrost sys-

Type of vessel Eco-tour catamaran
 In survey to USCG Subchapter T
 Home port Seward, Alaska
 Owner Ciri Alaska Tourism Corporation
 Operator Kenai Fjords Tours
 Designer Teknicraft Design, Ltd.
 Builder All American Marine, Inc.
 Construction material Aluminum
 Length overall: 82.7ft (25.2m)
 Beam 29.2ft (8.9m)
 Draft 3.5ft (1.0m)
 Main engine/s 2 x Caterpillar C32
 1400 bhp @ 2300 RPM
 Gearbox/s ZF2500A
 Propulsion Osborne 5-blade NiBrAL propellers
 Steering system Jastram
 Maximum speed 30 knots fully loaded
 Cruising speed 27 knots fully loaded
 Electronics supplied by Radar Marine
 Radar/s Furuno FR-1942MKII Radar
 Depth sounder/s: .Furuno FCV620 Depth Sounder
 Radio/s: Icom M504 VHF Radio
 Autopilot .ComNav ComPilot Commander System
 Compass/es Ritchie HB-70
 GPS Garmin 172 GPS w/external antenna
 A.I.S.Furuno FA150 AIS System
 Audio visual system . Bose sound & LCD displays
 Other electronics Closed Circuit television cameras
 Winches Kolstrand
 Paints/coatings Awlgrip
 Windows Giribaldi Glass
 Seating Eknes tip-up(interior) & Beurteaux (exterior)
 Interior fitout/furnishings Ayres wall panels & Dampa
 Ceiling panels
 Liferaft/s 3 x DBC 50 man IBA & 1 DBC 6 man IBA
 Fuel capacity 2000
 Freshwater capacity 300 gallons
 Crew 4
 Passengers 150
 Date of delivery March 30th, 2007



tem. A fully equipped galley is onboard to provide hot meals for each cruise. Each row of cabin seating faces a dining table and the design of the flip-up style Eknes seats makes it very easy for passengers to access seats inside a row. The seats can also be quickly removed to accommodate wheelchairs at the tables.

The semi-displacement catamaran was developed by Teknicraft Design of Auckland, New Zealand and integrates the sig-

nature Teknicraft symmetrical and asymmetrical combined hull shape, bow wave piercer, and patented hydrofoil system. The most surprising feature of the Aialik Voyager is the excellent fuel economy of the vessel, which burns approximately the same gallons per nautical mile from 17 knots up to 27 knots. The fuel efficiency of this new vessel will save the operator a conservatively estimated \$150,000 per season in fuel expenses.

The Aialik Voyager is powered by twin

C32 Caterpillar engines, each delivering 1400 bhp at 2300 rpm. The propulsion package includes ZF 2500A transmissions and Osborne 5-blade propellers. Wesmar V2-HR bow thrusters were integrated to assist with close-quarter maneuvering. Fully loaded, Aialik Voyager reaches a top speed in excess of 30 knots and cruises efficiently at 27 knots. All American Marine Inc., located on the shores of Bellingham Bay, was founded in 1987.

Boat Name M2-37
Boat Type Rescue/Response boats
Builder Moose Boats
Owner/Operator Port Authority of New York/New Jersey Police
Designer Moose
Delivery Date March 2007



Moose Boats, an aluminum boat manufacturer, recently delivered two M2-37 rescue/response boats to the Port Authority of New York/New Jersey Police. The M2-37 vessels are 37.5 ft. aluminum catamarans powered by twin Cummins 380 hp turbo diesels propelled by Hamilton HJ292 water jets. These rescue/response boats can attain a top speed of over 35 knots and are custom outfitted with 33 18-person life rafts. Each boat can deliver enough raft capacity to handle a water-based aircraft rescue mission for the largest aircraft landing at John F. Kennedy International Airport. These two boats comply with the 2004 FAA Advisory that provides guidance to airport operators in the preparation for water rescue operations.

The Port Authority Police are responsible for water-based crash emergency rescues at Kennedy and LaGuardia Airports and for all other aircraft emergency incidents. Police personnel assigned to rescue duty are highly trained in all phases of these functions including the operation of water rescue equipment.

The Port Authority is implementing a five-year, \$500m capital plan to reinforce security systems and enhance public safety. Initiatives include cutting-edge technology to improve facility surveillance, rescue operations, perimeter security and access restrictions.

The M2-37 Rescue/Response boat is a 37.5 ft. aluminum catamaran powered by twin Cummins 380 hp turbo diesels propelled by Hamilton HJ292 water jets. The boat will be deployed for rescue, fire fighting and dive operations for the John F. Kennedy International and LaGuardia Airports.

This shallow-draft catamaran hull is well suited to provide efficient response times and a stable working platform for open-water rescues.

This vessel also incorporates 33 18-person life rafts for emergency aircraft rescue operations.