

MarineNews

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December 2006

Great Boats of 2006

On the Move

**Harvey Gulf International
Constantly Evolves**

Products

Pipes, Pumps & Valves



MarineNews

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On the Cover: Harvey Gulf International Marine's Capt. Rigobert Falgout of the Harvey Gulf tug *Invader* works the aft control station during the tow of a jack-up rig on the GOM. (Photo Credit: Don Sutherland)

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At Harvey Gulf International Marine, the only constant is change, as the company continually evolves to serve the marine market.

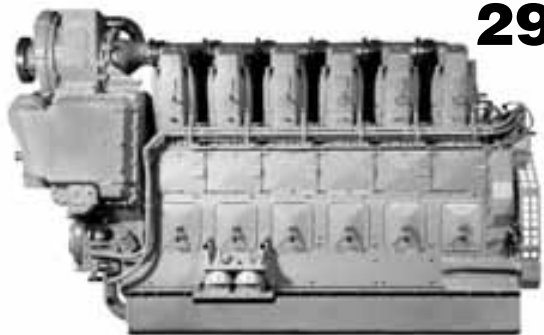
— by Don Sutherland

22 Great Boats of 2006

As 2006 draws to a close, MarineNews examines some interesting vessels delivered during the year.



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POSTMASTER Time Value Expedite



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The 145 ft. Ana M



SSB radio, one Furuno GP31 GBS, one Navtec NCR3000A receiver and one Data Marine D3001 depth indicator, one Horizon LH5 loud hailer.

Owner: NOAA
Builder: All American Marine
Type: Research Vessel

NOAA dedicated a new high-speed research vessel. It will work the waters of the Gerry E. Studds Stellwagen Bank National Marine Sanctuary. The vessel will be used primarily for research missions but will also support education, monitoring and emergency response patrols. The vessel has been named the

Auk in honor of an extinct seabird that once wintered in these waters.

Built by All American Marine of Bellingham, Wash., the 50-ft. Auk is a Teknicraft hydrofoil-assisted, aluminum-hulled catamaran powered by Cummins 484 hp engines. The vessel operates with a top speed of 28 knots, a cruising speed

Owner: King County Sheriff's Office Marine Dive Unit
Builder: Moose Boats
Type: Patrol/Rescue Boat



The M2-37 patrol boat operates at a service speed of approximately 27 knots.

Moose Boats delivered a M2-37 patrol boat with fire and rescue capabilities to the King County Sheriff's Office Marine Dive Unit in Kirkland, WA. This vessel is a 37.5-ft. all aluminum catamaran powered by twin Cummins 420 hp turbo diesels propelled by Hamilton HJ292 water jets. This patrol boat can attain a top speed of over 36 knots and operates at a service speed of approximately 27 knots.

The vessel is outfitted with fire fighting and dewatering equipment, in addition to extensive electronic equipment related to patrol and surveillance operations.

Moose Boats has provided the King County Sheriff's Office Marine Dive Unit with a multi-function, all weather capable vessel for routine patrol and marine emergencies on Lake Washington and the Puget Sound.

King County has vast miles of shoreline and is home

to tens of thousands of registered boats which use its waterways daily. The Marine Dive Unit is responsible for law enforcement and emergency services on the water, in addition to providing water safety education and police diving services throughout the entire county.

Typical calls for service include enforcement and safety inspection contacts, disabled boats and debris removal, as well as open water rescues and medical emergencies. In the past, the Marine Dive Unit has responded to incidents such as airplane collisions and crashes, numerous boat and structure fires, explosions, vehicles in the water, tramway accidents, and many environmental spills.

This vessel will also be used as a regional asset for terrorist prevention and response. It will support tacti-

cal insertions and a multi-agency dive team for Explosive Ordinance Device recognition, in addition to serving as a dive platform for underwater rescues and recoveries.

Moose Boats has constructed multiple water-jet vessels, of similar design, for the US NAVY and various law enforcement agencies nationwide. Moose Boats have been chosen because of their fast and stable catamaran hull design coupled with powerful water-jet propulsion, which is well suited to meet mission requirements.

Specifications

LOA.....	37.5 ft.
LWL.....	29 ft.
Beam	13.5 ft.
Draft Hull/Max	21 in.
Dead Rise	15 degrees
Displacement	18,000 lbs.
Fuel	300 Gal.
Max Speed	Over 36 knots
Service Speed	Approx. 27 knots
Range	over 275 nautical miles

Features

- Twin Cummins QSB5.9 425 hp Turbo Diesels
- Twin Hamilton HJ292 Water Jets
- Marine Gears, Twin Disc MG5075
- SIMRAD Navigation Equipment
- Thermal Imaging & Night Vision Camera
- Motorola XTL 5000 & CDM 1250 Radios with David Clark Marine Intercom System
- WING Hybrid Boarding Collar
- HALE Pumping Equipment
- STANG Electric Fire Monitor



U.S. Coast Guard Chaplain Cdr. Kevin Bedford, Advisory Council Member (L-R) and Vice President of Batelle Laboratories Sally Yozell, Stellwagen Bank National Marine Sanctuary Superintendent Craig MacDonald, 10th District Representative for Rep. William Delahunt Corinne Young, NOAA National Marine Sanctuary Program Director Daniel J. Basta, Deputy Assistant Secretary of Commerce for Oceans and Atmosphere Timothy Keeney and NOAA National Marine Sanctuary Program Deputy Director for Vessels, Aircraft and Safety Ted Lillestolen look on as NOAA Stellwagen Bank National Marine Sanctuary Advisory Council Member and Executive Director of the Cape Cod Museum of Natural History Richard Wheeler christens the new NOAA Stellwagen Bank National Marine Sanctuary Research Vessel Auk on Aug. 22, 2006. (Photo credit: NOAA)



The new NOAA Stellwagen Bank National Marine Sanctuary Research Vessel Auk. (Photo credit: NOAA)

of 20 knots and has a fuel capacity of 600 gallons. The vessel holds both wet and dry labs, a dive ladder, A-frame and winch. Assisting scientists in their understanding of the ecosystem of the Stellwagen Bank region and key species located within the sanctuary will be a major role for the sanctuary's new vessel. The Auk's shallow draft and stability make it ideal for research cruises in areas with feeding whales, including endangered hump-

backs, finbacks and northern right whales. The vessel has the ability to deploy and tow scientific equipment through its 2,000-lb. A-frame and knuckle crane. In addition, a state-of-the-art dive air system will allow NOAA scientists better access to the underwater environment. The vessel operates with a crew of two, and can accommodate a research group of 12 for day trips or four scientists for extended overnight missions.

Owner: USACE, Navigation Survey Branch of the Charleston Dist.
Builder: SeaArk
Type: Survey Vessel

SeaArk Marine, Inc. delivered a 42-ft. Dauntless Class Survey Vessel to the U.S. Army Corps of Engineers, Navigation Survey Branch of the Charleston District. The vessel, The Evans, is tasked with conducting hydrographic surveys in Charleston, Georgetown and Port Royal harbors, as well as other navigable waters throughout the Charleston, SC District. The craft will also be involved in Environmental Management Program projects and regulatory inspections of harbors and waterways.

The SeaArk 42-foot Dauntless is constructed of all-welded marine grade aluminum. The state of the art design incorporates a 2-man climate controlled pilot-house and aft survey cabin. Vessel enhancements include a fully integrated Furuno NavNet system and a comprehensive array of survey equipment. Crew accommodations include hydraulic/suspension seating, marine head, potable water, stove, microwave and refrigerator.

The main propulsion engines are twin Cummins QSC 8.3M diesels, each rated

ONE COMPELLING MISSION... A SUCCESSFUL RESOLUTION

There is a seeming paradox in the nature of maritime cases: the stakes are high, but the price of inaction is higher. Ships are idled, cargoes and charters lost, evidence destroyed and money wasted. It was to address this challenge that the firm developed its aggressive case-management approach: rapid, thorough investigation, coupled with an unflinching assessment of the strategic options.



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Evans will be replacing the current survey vessel Blair. With its increased speed and lighter draft, the new vessel will maximize the Corps' survey capabilities.



The 42-ft. Dauntless Class Survey Vessel The Evans.

Owner: NOAA
Builder: All American Marine
Type: Patrol Boat

All American Marine (AAM) introduced a 56-ft. high-speed patrol catamaran with hydrofoil technology.

The Teknicraft hull concept was designed by naval architect Nic de Waal, of New Zealand. The shape of the hull combined with the use of hydrofoils is designed to create lift and enhance the performance of the boat, while maintaining a smooth ride. The hulls are designed to be efficient and allow for high speed travel, reduced fuel consumption, and

have been independently verified as creating one of the lowest levels of wake wash within their vessel class, according to the builder. Teknicraft vessels, when equipped with water jet propulsion systems, have been recorded with a hydrophone as producing minimal underwater noise.

Late last year AAM launched a 56 x 21-ft. catamaran built under contract for the National Oceanic and Atmospheric Administration (NOAA). The patrol ves-

sel has been assigned to operate in the Florida Keys National Marine Sanctuary (FKNMS) and its Tortugas Ecological Reserve off the Southern coast of Florida. The vessel will serve as a long-range law enforcement patrol boat in the lower Keys. It is owned and maintained by NOAA's National Marine Sanctuary Program in the Florida Keys.

The patrol craft is powered by twin MTU 8V2000 M92 engines, each delivering 1085 hp at 2450 rpm. The propulsion package includes Hamilton Jet 403 water jets.

The vessel has a 42-knot cruise speed in mission condition and can perform at speeds in excess of 44 knots.



Specifications

Length, o.a.....	56.8 ft.
Breadth, o.a.	20.5 ft.
Draft.....	2.7 ft.
Designer.....	Teknicraft Design
Crew	4
Hull Plate Type	Aluminum 5383-H321
Fuel Capacity	1000 gallons
Number of Decks	2
Propulsion Type ...	Hamilton Water Jet
Main Engine	MTU
Generator	Kohler
Engine Room Ventilation	Delta T
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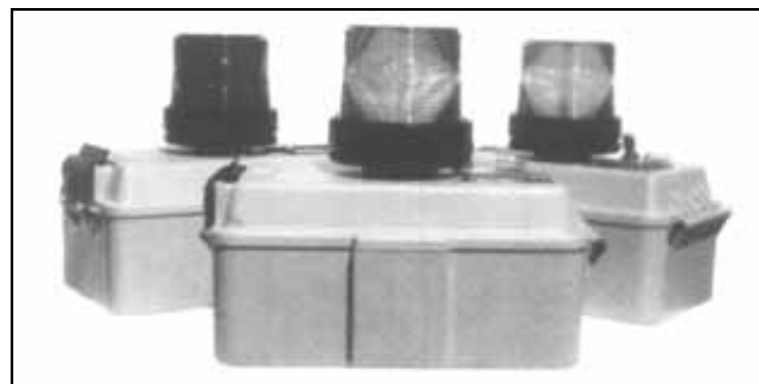
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GREAT BOATS of 2006

Page	Name	Type	Builder	Owner
22	Samuel de Champlain/Innovation	ATB	American Transport Leasing Inc.	American Transport Leasing Inc.
22	Harvey Spirit	OSV	Eastern Shipbuilding	Harvey Gulf
23	N/A	Crewboat	Breaux's Bay Craft	Offshore Oil Services
24	N/A	Patrol/Rescue Boat	Moose Boats	King County Sheriff's Office
24	Auk	Research Vessel	All American Marine	NOAA
25	The Evans	Survey Vessel	SeaArk	USACE
26	N/A	Patrol Boat	All American Marine	NOAA
27	Rhea Bouchard	ATB	Bollinger	Bouchard



Owner: Bouchard
Builder: Bollinger
Type: ATB

Following the delivery of Bouchard's B. No. 280 from Bollinger Gretna and the delivery of the tug Rhea Bouchard from Bollinger Algiers, the ATB set sail for Texas and its first load of cargo bound for the U.S. West Coast. Bollinger Gretna, Harvey, La., a Bollinger Shipyards, Inc. company, delivered, B. No. 280, a double hull, 80,000 BBL oil tank barge built to meet the requirements of the Oil Pollution Act of 1990 (OPA'90), to Bouchard Coastwise Management, Corp., Hicksville, NY.

Following the delivery of the B. No. 280, Bollinger announced the signing of the sister ship, B. No. 282. The B. No. 282 will also be built at Bollinger Gretna, along with the previously announced 110,000 BBL, B. No. 205, a black oil barge measuring 430-ft. long, with a 79-ft., beam and a depth of 34 ft. Additionally, Bouchard has awarded Bollinger a 35,000 BBL barge, B. No. 233, which will be built at Bollinger Marine Fabricators in Amelia, La.



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