

# Marine

## News

MARCH 2011

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## Z-Drive Training

with Captain Jeff Slesinger

**Navy Boats  
Konrad  
Accelerates**

page 38



**OSVs  
New Regs  
Coming?**

page 34





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## BOAT OF THE MONTH

EPS Corp. Launches First

# EPS M10 Hovercraft

The EPS M10 Hovercraft, built at the company's facilities in Titusville, Fla., was launched in late 2010 and was shipped to its final destination in early January 2011. According to EPS, this is the first vessel of its kind to be built in America and launched in its waters. The EPS M10 is constructed of non-corrosive, fiber-reinforced advanced composites which are environmentally friendly and provide significant reduction in operating, maintenance and through-life costs. The EPS M10 Hovercraft is a fully amphibious, air-cushioned vessel that can operate effectively at sea, in shallow waters and over any land surface. It is powered by two 1,000hp diesel engines which provide lift and operate its propellers, giving speeds in excess of 40 knots. EPS builds these crafts under a license from ABS Hovercraft Ltd. Existing vessels are in operation with various military and commercial customers.

Environmental features include:

- No hot exhaust gas discharge into the water
- No propellers, jets, shafts or exhausts in the water; marine flora and fauna remain undisturbed
- Virtually no wake produced, thereby eliminating beach

and coastal erosion

- Extremely low pressure contact with sea or land; a fully loaded vessel creates a downward pressure of less than 20% of a man's footprint

- Polluting anti-fouling paint is not required as the hull remains above the surface.

#### Specifications:

Hull construction	Single Skin FRP
Deck and superstructure construction	FRP Sandwich
Length (operational)	68 ft
Length (skirt deflated)	64.6 ft
Beam (operational)	35 ft
Beam (skirt deflated)	24.5 ft
Cushion height	3.3 ft
Off cushion draft	1.6 ft
Maximum calm water speed (lightship)	50 knots
Maximum calm water speed (fully laden)	40 knots
Range (calm water)	Up to 500 nm
Engines	2x MAN water cooled D2842 LE211
Propellers	2x 4 bladed controllable pitch air propellers
Disposable load	10,000 Kg
Crew	Minimum of 2
Bow ramp	2+ meter clear opening



Photo courtesy EPS Corporation