



aluminumnow
Maritime Solutions

Tel: UK: +44 (0) 208 133 9203
+44 (0) 745 238 4267
USA: +1 (206) 866 5730
AUSTRALIA: +61 (08) 6102 0192
NIGERIA: +234 (0) 703 883 3437
+234 (0) 816 265 1068
Skype:- alunow

September 2014

AluPatrol 20m “WAVE RIDER” Patrol and Enforcement Vessel



AluminumNow in conjunction with our Naval have recently been carrying out development work on our “WAVE RIDER” family of vessels.

Length Overall :	20.19 metres	Compliment : 2 crew
Length Waterline :	19.45 metres	: 12 personnel / passengers
Breath (Mld) :	5.86 metres	Typ. Engines : 2 x 750 HP
Depth (Mld) :	2.73 metres	Speed : 30 knots*
Design Draft :	1.30 metres – subject to load and drives selection.	
Drive Options:-	Conventional, SeaFury, Hamilton Waterjets	

The aim of the “WAVE RIDER” series is to provide a family of vessels that are sea worthy, capable of high speed operation while remaining comfortable and safe for crew and passengers.

The first step in achieving these goals was the specially developed hull form which offers reduced impact loads while minimizing and damping pitching motions.

Secondly to compliment the specially developed hull form all vessels in the “WAVE RIDER” family are fitted with gyro stabilizer systems further reducing adverse motions and improving ride comfort.

Finally the crew and passengers are provided with the individual shock mitigating suspension seats which are in turn housed within a resiliently mounted superstructure or wheelhouse.

These factors all combine to reduce the shock loadings experienced by both personnel onboard and the vessel structure itself allowing higher speeds to be maintained for longer operational periods in all weather and wave conditions than could be expected in a similar vessel of conventional design.

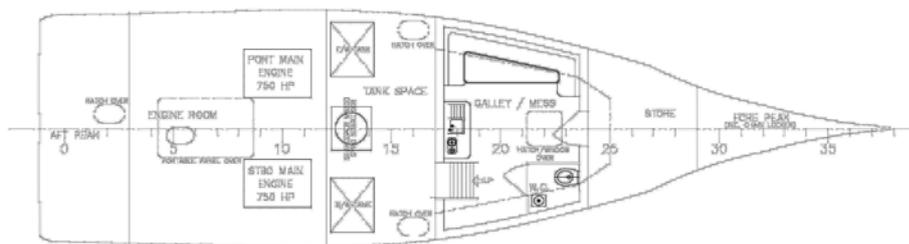
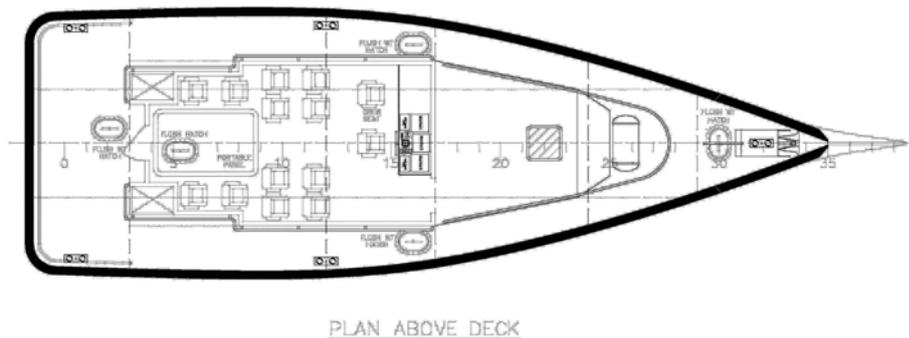
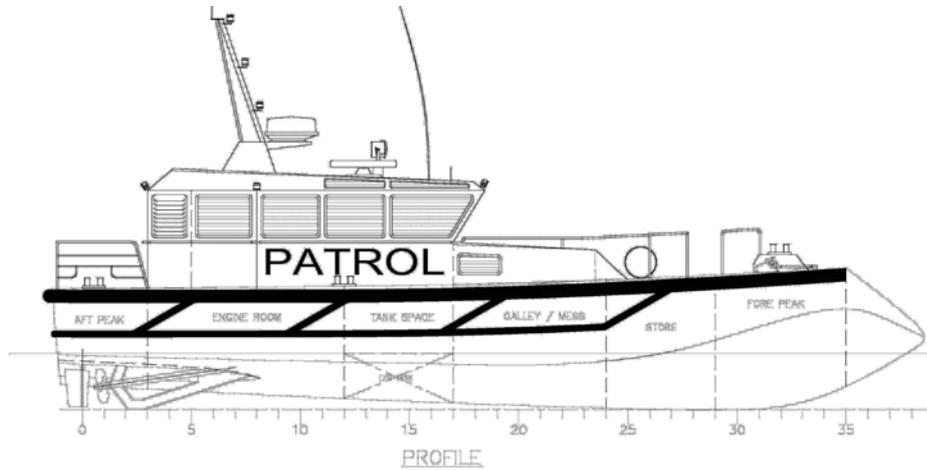
Suite 405, Henry House, 275 New North Road, England, UK

Email:- enquiries@aluminumnow.com Web:- www.aluminumnow.com , www.aluminumnowturkey.com
www.nigeriashipbuilding.com, www.green-tug.com, www.patrolboats-africa.com, www.aluminumnownigeria.com

This design could however equally be applied to other areas such as Search and Rescue, Pilot Duties or any other role where high speed and a wide weather operating window are a requirement.

In addition to the “WAVE RIDER” technologies also features self-righting abilities, excellent visibility from the wheelhouse, the latest navigation equipment, crew galley and mess facilities and sizable store areas.

All vessels in the “WAVE RIDER” family are designed to meet the requirements of the MCA and major classification societies with construction options in aluminium and composite available and various powering options including conventional propeller, SeaFury and waterjet drives.



Specifications subject to change without notice

All vessels semi-custom to client requirements in regards to Ballistic Protection, Gun Position including forward cockpit etc. if required.

