

Hamilton Jet Model 241  
Application Review

## Hamilton Jet Standard for Pacific 22 Mk II Naval Sea Boats



Since 1980, the traditional whaler carried on board ships of the Royal Navy has been phased out and replaced by the Halmatic Pacific 22 RIB. Many hundreds of these have been built and fitted to the warships and RFA's of the Royal Navy and other overseas navies.

In January 2000 the first all new HamiltonJet powered Pacific 22 Mk II, designed as a replacement for the earlier Pacific 22s, was accepted for user evaluation by the Royal Navy.

Complying with SOLAS rules for Fast Rescue Craft, the Mk II is powered by a single Hamilton Model 241 waterjet driven by a Yanmar diesel engine. The craft also features self-righting capabilities and a single-point lift arrangement.

The Pacific 22 Mk II will be used in a variety of roles, including fast rescue, passenger and freight

transport and special operations such as diver deployment, mooring and logistic support.

Acceptance trials on the first of these vessels included a series of 4m drop tests, a slam test and a self-righting trial.

The Pacific Mk II will progressively replace all the existing earlier models currently in service in the Royal Navy fleet.

### ▶ Brief Specifications

<b>TYPE:</b> Halmatic Pacific 22 Mk II	<b>SPEED:</b> 32 knots (lightship)
<b>SERVICE:</b> Fast Naval Sea Boat	<b>WATERJET:</b> Single Hamilton Jet Model 241
<b>LENGTH:</b> 7.10 metres [LOA]	<b>WATERJET CONTROLS:</b> Hamilton Jet type HSRX
<b>BEAM:</b> 2.44 metres	<b>ENGINE:</b> Yanmar Model 4LH-STE diesel, 142kW (190hp) @ 3100rpm
<b>DRAUGHT:</b> 0.50 metres [operational]	<b>DESIGNER/BUILDER:</b> Halmatic Limited Portsmouth, U.K.
<b>CONSTRUCTION:</b> GRP	<b>Hamilton Jet DISTRIBUTOR:</b> Hamilton Jet (U.K.) Ltd. East Grinstead, U.K.
<b>WEIGHT:</b> 2.50 tonnes [maximum]	