

Hamilton Jet Model 241
Application Review

Dyfed & Powys Police New Delta R.I.B. Uses Twin 241 Jets



Twin Hamilton Jet model 241 jets directly driven by 170kW Yanmar diesel engines give the new 11.5m Delta 115, built for the Dyfed & Powys Police in Wales, a top speed of 32 knots. Cruising at 24 knots provides an endurance in excess of 8 hours.

Based on a successful wheelhouse RIB concept developed for North Sea rescue work, this craft has a high level of seaworthiness. Since the area of operations around the Cardigan Bay region of the rugged Welsh coastline features tidal harbours which limit access, the shallow draft capability of the Hamilton propulsion system ensures maximum effectiveness for police duties. The 241 jets include the Hamilton HSRX servo-hydraulic reverse system as an integral feature, where the movement of the jet's

split duct reverse deflectors follow that of the control levers at the helm station.

The twin jet propulsion system provides a high level of manoeuvrability and inherent redundancy essential to enhance the crafts' diverse role of patrol and interception duties together with search and rescue operations.

▶ Brief Specifications

SERVICE:

Police Patrol Craft

TYPE:

Delta 115 Fast Enclosed Patrol

LENGTH:

11.7 metres [LOA]

BEAM:

3.40 metres

DRAUGHT:

0.65 metres [static]

CONSTRUCTION:

GRP (hull)
Aluminium (topsides)

DISPLACEMENT:

7.0 tonnes

SPEED:

32 knots (maximum)
24 knots (cruise)

PAYLOAD:

3 crew (operational)
6 crew (maximum)

WATERJETS:

Twin HamiltonJet Model 241

ENGINES:

Twin Yanmar diesels,
Model 4LH - STE, each
170kW (230hp) @ 3300rpm

DESIGNER/BUILDER:

Delta Power Services
Stockport, United Kingdom

OPERATOR:

Dyfed & Powys Police
Wales, United Kingdom

Hamilton Jet DISTRIBUTOR:

Hamilton Jet (U.K.) Ltd.
East Grinstead, United Kingdom

