HamiltonJet

JetBrief

Rawinia Pilot Boat

SERVICE:	Pilot / Crew Boat
LOCATION:	Taranaki, New Zealand
LENGTH:	17.60 metres [LOA]
BEAM:	5.40 metres
DRAUGHT:	1.20 metres
DISPLACEMENT:	20 tonnes
CONSTRUCTION:	Aluminium
SPEED:	36 knots
WATERJETS:	Twin HamiltonJet Model HJ364 with blue ARROW controls
ENGINES:	Twin MTU Series 60 diesels - 552kW (740hp) @ 2300rpm
DESIGNER:	Bakewell-White Design, Auckland, NZ
BUILDER:	Q-West Boat Builders, Wanganui, NZ
OWNER/OPERATOR:	Port Taranaki, Taranaki, NZ
HJ DISTRIBUTOR:	HamiltonJet Marine Division, Christchurch, NZ

MANOEUVRABILITY

FLEXIBILITY

EFFICIENCY

Designed for a range of duties including pilot transfers and transporting workers to and from a gas platform. Capacity for nine passengers and two crew, with a range of 400nm and full roll-over/s. Self-righting capability.

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Comments from the Taranaki Pilot Launch Masters on their experiences with HamiltonJet waterjets and the blue ARROW control system on the Pilot / Transfer boat Rawinia...

"The Blue Arrow control system has provided exceptional control of the vessel, not only for the ease of maneuvering in tight spots, but also in the high rev range where the smoothness of the levers and responsiveness to helm commands has allowed the masters more confidence in what they are trying to achieve with the boat, especially alongside ships.

"For pilot transfers, the vessel is normally run at around 1500 to 2000 rpm dependant on sea conditions. The revs are pre set then the vessel is controlled by bucket levers alone – we have found this system to provide excellent control of the vessel, particularly where the aim is to hold the vessel on the side of a ship by the shoulder, keeping the stern of the vessel clear of the ship. This is easily achieved by holding the outboard bucket slightly forward of the inboard, then when the vessel is to be moved away from the ship, dropping back on the outboard bucket pulls the bow off the ship and the vessel slips away without pivoting off the stern, the area of the vessel which takes the most damage during transfers. The light finger tip control of the levers during this operation is remarkably easy compared to the stiffness we endure with the levers on our other jet driven launch.

"The synchronizing of engine revs by the touch of a button is very useful to allow smooth operation of the vessel, as well as the smooth engine noise, full control of buckets alongside a ship is a big advantage.

"In port and in low speed situations, both berthing and picking up pilots from the tight tug berths, the MouseBoat has proved itself to be a great addition to the helm time and time again. Without having to think of how the boat will react to each movement of the buckets, the vessel can be moved easily by the MouseBoat joystick into position with ease.

The ease to maneuver the vessel under the MouseBoat control is also proven itself an advantage when relief staff are required to operate the vessel, staff who are possibly not yet fully capable with the controls.

The launch masters at Port Taranaki are all very pleased with the BlueARROW control system HamiltonJet have provided for the Rawinia – it really has made the job a lot easier and the vessel is definitely a pleasure to drive."