

Hamilton Jet Model HM811
Application Review

SEACOR Chooses HM811 Jets for Latest Crew/Supply Boat



Oil rig crew/supply boats operating in the Gulf of Mexico today need to be fast, reliable and manoeuvrable, both when empty and when carrying a full load of passengers and cargo. SEACOR Marine's latest vessel, Keith G. McCall, fits all these criteria with performance to spare, due largely to its propulsion package of quadruple Hamilton Model HM811 waterjets.

The 50 metre long crew/supply boat is the first of two fitted with the HM811 jets and launched within a few months of each other. Each waterjet (the largest ever used in a crew boat) is driven by an 1800hp Cummins diesel engine, with the extra size ensuring the vessel maintains efficiency and performance when fully laden or in the event one drive is not operational. As well as 187m² of deck space for up to 200 long tons of cargo, Keith G. McCall has capacity for 84 passengers, 102,000 litres of fuel and 122,000 litres of water.

Waterjet propulsion makes the vessel significantly faster and more manoeuvrable than similar sized crew boats with conventional propulsion. They also require less maintenance. This all adds up to faster delivery of crew and supplies, less down time for repairs, and considerable cost savings.

SEACOR Marine is a worldwide operator and one of the largest in the Gulf of Mexico. The company runs several waterjet-powered crew/supply boats, including the 41 metre long Jill McCall and Marilyn McCall, which each use five Hamilton Model HM521 waterjets.

▶ Brief Specifications

NAME: Keith G. McCall	WATERJETS: Quad Hamilton Model HM811
SERVICE: Oil Rig Crew/Supply Boat	ENGINES: Quad Cummins diesels Model KTA50-M2 1342kW (1800hp) @ 1900rpm
LENGTH: 50.29 metres [LOA]	GEARBOXES: Twin Disc MG-6848 SC Ratio - 2.47:1
BEAM: 9.14 metres	DESIGNER/BUILDER: Gulf Craft Inc, Patterson, LA, USA
DRAFT: 1.52 metres [light]	OWNER/OPERATOR: SEACOR Inc, Morgan City, LA, USA
CONSTRUCTION: Aluminium	Hamilton Jet DISTRIBUTOR: Sewart Supply Inc, Morgan City, LA, USA
PAYLOAD: 84 passengers 200 long tons deck cargo	
SPEED: 33 knots [light] 26 knots [laden]	

