

Hamilton Jet Model HM571
Application Review

Austal USA Delivers First Vessels Ahead of Time

Two 45.8 metre crew/supply vessels, 'Anapaula' and 'Veronica', have been completed and handed over by Austal USA to owners Otto Candies ahead of the contracted delivery date and by the end of January 2002 had already reached Ciudad Del Carmen in Mexico where they will be based.

Not only were these vessels built in record time but they also comfortably exceeded contract speed targets in official sea trials.

This achievement is all the more impressive considering that 'Anapaula' and 'Veronica' are the first two vessels delivered from the new state-of-the-art facilities commissioned less than a year ago. The Austal USA team produced these two vessels in just eight months in the main construction hall at its Mobile, Alabama facility.

The 45.8 metre crew/supply vessels are the first of a new line of crew boat designs that have been developed by the Austal Group.

Each of the vessels is powered by four Caterpillar 3508B diesel engines rated to 783kW at 1,600rpm each driving a Hamilton 571 steerable waterjet via Reintjes WVS 430/1 reversible gearbox with 1.412:1 reduction ratio.

The vessels will carry a maximum 28,500 litres of fuel and 3,800 litres of water. Top speed for the vessels is 26.5 knots.

Austal has brought considerable aluminium structural design expertise to the US and combined this with its industry-leading project management and production systems. The high productivity is underpinned by an "inbedded" quality assurance system which gives the 120 Austal USA team members a unique template for an instantaneous step-up to the mature end of the learning curve, using the 12 years/75 aluminium vessel experience of Austal Ships.

In the period between launch and handover, Austal USA welcomed many of the leading crew boat operators onboard these vessels and received considerable recognition of their quality and also interest in several unique aspects of design such as aluminium honeycomb joiner work, passenger seats with high speed ferry heritage and unparalleled vision and control from the bridge.

In less than a year of operation, Austal USA has proved itself as a leading aluminium shipyard in the US, capable of providing its "trademark" Austal performance criteria of conformance with requirements and on-time delivery.

The company has also announced a contract to build a 34



▶ Brief Specifications

NAME: Anapaula & Veronica	WATERJETS: Quad Hamilton Model HM571
SERVICE: Oil Rig Crew Boats	ENGINES: Quad Caterpillar diesels Model 3508B, each 783kW (1050hp) @ 1600rpm
LENGTH: 45.80 metres [LOA]	GEARBOXES: Quad Reintjes WVS 430/1, 1.412:1 reduction
BEAM: 8.23 metres	DESIGNER/BUILDER: Austal Ships, Mobile, Alabama, USA
DRAUGHT: 2.56 metres	OWNER: Otto Candies, Morgan City, LA, USA
CONSTRUCTION: Aluminium	OPERATOR: Oceanografia, Ciudad Del Carmen, Mexico
CLASSIFICATION: ABS	Hamilton Jet DISTRIBUTOR: Sewart Supply Inc, Morgan City, LA, USA
DISPLACEMENT: 265.1 tonnes	
PAYLOAD: 80 passengers, 4 crew, 109 tonnes deck cargo	
SPEED: 26.5 knots [cruise]	

metre dinner cruise vessel for Island Queen Cruises of Miami, Florida. Austal expects to deliver this vessel in November. It will cruise in front of Miami and Biscayne Bay. Austal USA is also building a 25 metre passenger ferry at its Mobile, Alabama plant.

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