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18m Aluminium Ferry / Crew Transfer Vessel



Listing ID - 4374

Description 18m Aluminium Ferry / Crew Transfer

Vessel

Date 2013

Launched

Length 18m (59ft)

Note Caterpillar Engine

Location Whakatane, New Zealand

Broker John Kearns

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Price NZ\$ 1,000,000 plus GST (if applicable).

18m Aluminium Ferry/Crew Transfer Vessel built 2013 by Evolution Commercial in Henderson, Western Australia to Lloyds SSC and maintained to Maritime NZ survey for up to 49 passengers. Originally designed and built as a CTV to serve the oil & gas industry at Barrow Island in NW Australia the vessel is versatile and can be utilised as a Crew Transfer Vessel, Passenger Ferry or for Tourism. Powered by Caterpillar C18 ACERT marine diesel engines producing 651kW each at 2200 rpm. Each engine is close coupled to ZF500 gearboxes with 1.125:1 reduction and driving Kamewa 36A3 water jet units providing a service speed of 20 knots and a top speed of 28 knots.

Main: Caterpillar

Construction: Four-stroke direct injection with exhaust turbo charger

Model: C18 Acert

Output: 651 kW @ 2200 rpm No. of Cylinders: Six (6) inline

Bore: 145 mm Stroke: 183mm

Displacement: 18.1 litres

The two main engines are Caterpillar C18 IMO Tier II six cylinder turbo marine diesel engines which develop 651 kW each at 2200 rpm. Each main engine drives aft through a close coupled ZF500 gearbox with 1.125:1 reduction which drive Kamewa 36A3 water jet units. Auxiliary power is provided by a Caterpillar C2.2 20 kVA @1500 RPM 1-phase diesel generator to supply the vessel's primary AC 230 volts, 50 Hz AC electrical power.

Bridge Electronic equipment includes:

- 1 x Furuno NAVnet VX2 Multifunction Display with Radar/Chart Plotter/Sounder
- 1 x Furuno NAVnet 3D Multifunction Display
- 1 x Icom IC-M412 VHF Marine Transceiver
- 1 x Icom IC-M801E MF/HF Transceiver
- 3 x Vertex Standard VX-2200-DO FM Transceivers
- 1 x Furuno LH-3000 Loud Hailer
- 1 x Furuno FA-150 AIS Transponder
- 1 x Navitron NT888G Autopilot
- 1 x GME GD9600 Media Player
- 2 x 2Zone FireChase Detection & Activation System
- 1 x Maxwell Anchor Switch Control
- 1 x Plastimo Magnetic Compass

On the foredeck there is an electric Muir anchor windlass with a single gypsy loaded with 100 meters of 10 mm short link chain rode coupled to a Delta type anchor.

On the aft deck are aft boarding gates. Mounted on the starboard transom is a Atlas TC23C Hydraulic Telescoping Crane with SWL 715 kg @ 3.0m

The Passenger cabin can be accessed off either the aft deck or fore deck and has seating for 36 passengers, with helm station located to starboard. The two toilet cubicles are accessed off the aft deck.

Domestic equipment includes:

Under bench Fridge Stainless steel sink and bench top Daikin Air conditioning units

The vessel is equipped and maintained with the safety equipment required for MNZ survey.

There are two 25-man RDF Surviva 25 life rafts and one 6-man RDF Surviva 6 life raft, that are both packed to Solas B and carried either side of the wheelhouse.

A Fixed Fire-Extinguishing system with FirePro FP-2000 fire extinguishing generator is fitted the engine room. Life buoys, GME Accusat 406MHz EPIRB are also provided.

Lifesaving appliances are provided for up to sixty (60) persons.

































































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