

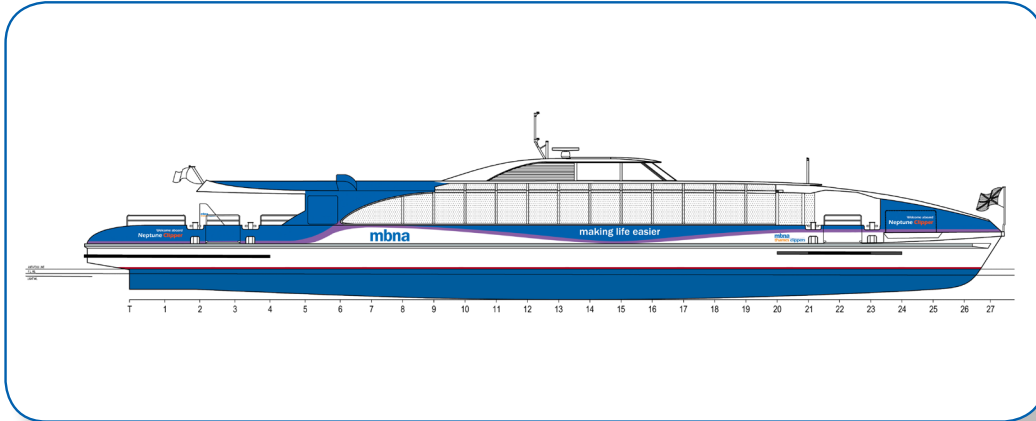
35m

HULL 076



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35m Passenger Catamaran



General Particulars

Yard No	076
Designer	One2Three
Builder	Incat Tasmania Pty Ltd.
Society	DNV-GL
Class Notation	DNV + 1A1 HSLC Passenger R4 EO
Flag	United Kingdom
Speed	Over 25 knots at full displacement 30 knots at light displacement
Regulations	HSC Category A with MCA Equivalences appropriate to operation in UK Category C waters

Principal Dimension

Length Overall	35.37m
Length Waterline	32.45m
Beam Moulded	8.30m
Hull Depth Moulded	2.15m
Load Draft	1.00m

Capacities

Passengers	150
Crew	3

Tankage

Diesel Fuel	2 x 1500 Litres
Fresh Water	500 Litres
Black water	500 Litres

Deadweight

Full Load Deadweight:	
Passengers	
(150 @ 80kg each)	12.00 Tonnes
Crew (3 @ 80kg each)	0.24 Tonnes
Fuel 100% (usable volume)	2.04 Tonnes
Fresh Water 100%	0.50 Tonnes
Sullage 10%	0.05 Tonnes
Bar Provisions	0.20 Tonnes
Stores	0.10 Tonnes
Total (100% Deadweight)	15.13 Tonnes

Construction

The hull construction is of marine grade aluminium.
The hull form is semi-round bilge with symmetric hulls.

Machinery

Main Engines	2 x Scania D116 072M marine diesel engines, rated at 625kW (850hp) @ 2300rpm
Gearboxes	2 X ZF2000, reversing with PTO
Waterjets	2 x Rolls Royce/Kamewa 40A3
Generators	2 x Kohler 33EFOZDJ

Electrical

Electrical System	415/240V 50Hz AC supplied by two diesel alternators, located in the engine rooms 24V DC for emergency back-up and controls of machinery
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Air Conditioning

Passenger Space	3 x Independent air cooled packaged units and ceiling cassettes
Wheelhouse	1 x Independent compact type air cooled cassette
Ambient Temperatures	+35°C to -10°C

Safety and Evacuation

Liferafts	2 x LSA 128 person open-reversible 1 x RFD Ferryman 30 person
Life Jackets	165 adult and 16 child Premier 2010
Medical supplies	2 x Category C First Aid packs
MISC equipment	2 x Jason cradle

Navigation and Communication

Radar	Furuno NavNet DRS4A, 48nm
Compass	Platismo Offshore Class B
Speedlog	Walker 7070MK2F
GPS	Furuno GP-170, 6"LCD
Radios	2 x Sailor 6222 VHF/DSC 4 X ICOM IC-M35 VHF handheld
AIS	Thames AIS
Public Address	Gitiessie Imcos PA/GA
Control/Monitoring	Maps/Böning AMS

Details provided are based on original design and certification.

For information on Incat representatives in your region contact head office

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