

Hull 074

70m Fast Crew Boat



General Particulars

Yard No:	074
Designer:	Incat Crowther.
Drafting:	Revolution Design Pty Ltd.
Builder:	Incat Tasmania Pty Ltd.
Class Society/ Certification:	+1A1 DNV HSLC Service 2, R1, EO, DYNPOS-AUTR, CLEAN-DESIGN, COMF-V(3) C(3), NAUTHSC.
Regulations:	HSC Code category A passenger
Speed:	38.7 knots lightship

Principal Dimension

Length overall:	70.0m
Length waterline:	67.6m
Beam (overall):	16.0m
Draft (hull):	2.15m
Draft:	3.15m (retractable bow thrusters)

Capacities

Passengers	150 Located on 2 levels, main and mid decks, with luggage storage facilities, toilets, sick bay. Full entertainment system with in-seat audio. VIP meeting rooms X 2
Crew	14
Crew Cabins	9 (with ensuite) total crew berths 14
Galley, Crew Mess	
A60 Workshop	
Deadweight	191 tonnes
Deck Cargo	130 tonnes
Deck Load	2.0 tonnes /m ²
Deck space aft	410m ²
Fuel Oil	4 x 12,500 litres
Fresh Water	2 x 5,000 litres
Sullage	1 x 3,000 litres
Grey Water	1 x 5,000 litres
Oily Bilge Water	1 x 1,000 litres
Lube Oil	1 x 1,000 litres
Hydraulic Oil	2 x 250 litres

Construction

Marine grade aluminium. Semi-SWATH hull form, resiliently mounted main cabin and machinery system, extensive vibration isolation and active ride control system.

Safety & Evacuation

2 x 6 Person rescue / MOB boats
2 x 100 pax MES and 2 x 100 pax life rafts

Machinery

Main Engines	4 x MTU 16V4000 M73L
Power	4 x 2880kW @ 2050rpm
Waterjets	4 x Hamilton HT-900 Waterjets
Bow Thrusters	4 x Thrustmaster azimuth retractable 300hp
Gearboxes	ZF 9050NR2H

Special Equipment

Dynamic Positioning	Kongsberg K-Pos DP-21
Crew Transfer Systems	Ampelmann Stabilised Access Platform
Cargo Handling	Palfinger PK4500M Knuckle Boom Crane
Ride Control Systems	Active T-Foil and Interceptors

Communication Equipment

GMDSS	Sea Area 3
Fleet Broadband	Sailor FR250
VSAT	Sailor 900

Electrical

Main Generators	4 x Caterpillar C18, 550 ekw
Emergency Generator	1 x Caterpillar C.4.4, 99 ekw
Distribution	415v 60hz 3 phase 240v 60hz single-phase

Details provided are based on original design and certification.

For information on Incat representatives in your region contact head office