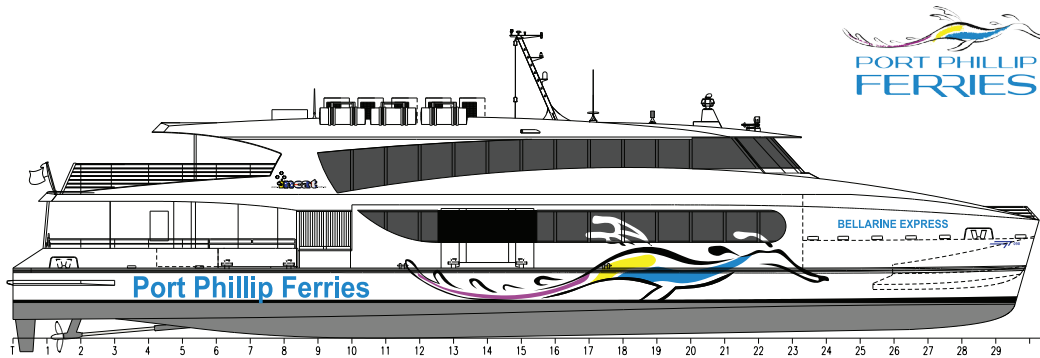


35m

Hull 090



## Hull 090 35m Passenger Catamaran



### General Particulars

Yard No:	090
Designer:	Revolution Design Pty Ltd
Builder:	Incat Tasmania Pty Ltd
Class Society:	NSCV
Certification:	NSCV 1D F2 Fast Craft
Speed:	32 knot max. Service speed 28kts

### Principal Dimensions (approximate)

Length overall:	36.6m
Length waterline:	35.5m
Beam moulded:	9.9m
Beam of Hulls:	2.4m
Draft:	1.8m

### Capacities

Max Deadweight:	41 tonnes
Passenger Capacity:	409
Crew:	4
Wheelchairs:	9
Bicycles:	17

### Tankage

Diesel Fuel Oil:	8600 litres
Fresh Water:	1 x 1,500 litres
Sullage:	1 x 1,600 litres

### Design and Construction

Two slender, aluminium hulls connected by a bridging section with centre bow structure at fwd end. Each hull is divided into six force-ventilated watertight compartments divided by transverse bulkheads. One compartments in each hull is prepared as a fuel tank with additional strengthening on each of the end bulkheads and intermediate tank tops. The hull and superstructure construction is of marine grade aluminium

Passenger access is through two boarding gates each side on the main deck. Internal and external seating is available on boat the main deck and upper deck. A bar & kiosk plus toilets, bike racks and wheelchair spaces are located on the main deck.

### Air Conditioning/Heating

9 x Daikin 7Kw split system air conditioning units installed in the passenger spaces and wheelhouse

### Safety and Evacuation

6 x 65-person RFD liferafts and 1 x 30 person RFD life rafts in cradles for rapid deployment

All safety equipment as required by NSCV code

### Machinery

Main Engines:	2 x MAN D2862 LE463 1029Kw AT 2100rpm
Gearboxes:	2 x Twin Disc MGX6620 reverse.
Propellers:	2 x Veern 5 blade counter rotating propellers
Steering:	2 x stainless steel rudders, hydraulically operated by electric pumps with 24V DC backup

### Electrical

Alternators:	2 x 51.5 kW Caterpillar C4.4
Distribution:	415V/240V 50Hz AC supplied by two diesel generators 24V DC system for navigation equipment and emergency backup

Details provided are based on original design and certification.

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