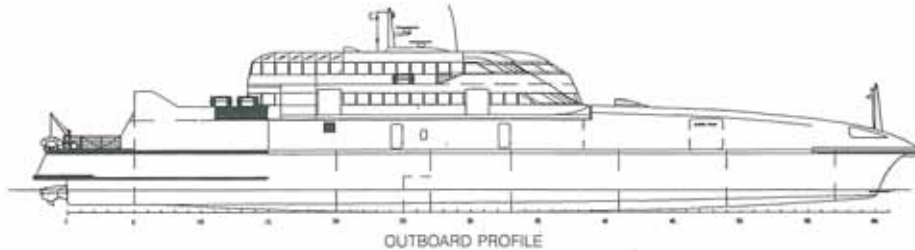


78m**HULL 037**

Hull 037

78m K-Class High Speed Passenger/Vehicle Ferry



General Particulars

Builder	Incat Tasmania Pty Ltd
Class Society	Det Norske Veritas (Car Ferry A)
Length overall	78.71m
Length waterline	72.29m
Beam Overall	19.0m
Beam of Hulls	5.00m
Draft	2.16m
Deadweight	174.0 tonnes

Speed

Maximum Speed (@100% mcr)	
Light ship	52.2 Knots
Laden	49.7 Knots

Capacities

Fresh water	2000 litres
Fuel	35000 litres
Lube oil	4 X 200 litres
Sewage	2000 litres

Loading Capability

Total persons	785
Crew	20
Vehicles	32 cars
Axle loads	2.0t max
Ramp type	Stb side access, hinged shore ramp, 3.1m clear width.
Ramp loads	2.0t max
Ramp max wharf sill height	2.41 below loaded w'L (ramp level)
Ramp min wharf sill height	2.8 above loaded WL (ramp 10 deg down)
Access clear opening stern door	side door - 2.55m high x 3.5m
Vehicle deck ht from loaded WL	3.34m
Vehicle deck ht from lightship WL	3.29m
Max vehicle deck beam	Between portals - 17.78m
Pax deck height clearance	2.25m
Main vehicle deck (no mezz)	2.7m
Forward ramps	1.8m

Machinery

Engines	4 x 5,420 kW Caterpillar 3616 diesels
Engine RPM @ 100% mcr	1,000
Gearbox	Direct drive
Waterjets	4 x KaMeWa 80 waterjets, (inboards configured for steering and reverse)
Gensets	2 x Caterpillar 3306B
Genset power	2 x 145 kW

Safety and Evacuation

Ride control components	MDI trim tabs & T-foils
Evacuation system	LSA MES & rafts

Navigation Equipment

Radar, Autopilot Magnetic Compass, Speed Log, Echo Sounder, Search Light, Horn.

Communication Equipment

VHF Radio, SSB Radio, Watch Receiver, Weather Fax.

Construction material

Marine grade aluminium alloy.



Details provided are based on original design and certification.

For information on Incat representatives in your region contact head office

18 BENDER DRIVE DERWENT PARK HOBART TASMANIA 7009 AUSTRALIA P: +61 (0) 3 6271 1333 F: +61 (0) 3 6273 0932 E: INCAT@INCAT.COM.AU