

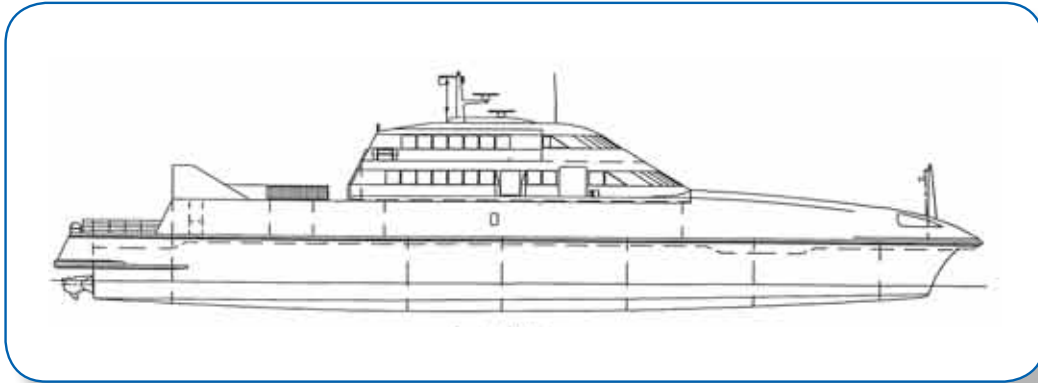
70m

HULL 036



Hull 036

70m K-Class High Speed Passenger/Vehicle Ferry



General Particulars

Vessel Type	K55
Classification	DNV +1A1 HSLC R4 Car Ferry B EO
Length OA	70.76m
Length WL	63.90m
Beam OA	19.46m
Beam of hulls	5.00m
Draft (Maximum)	2.15m
Deadweight	141.8 tonnes

Speed

Maximum Speed (@100% mcr)	
Light ship	53.8 Knots
Laden	49.0 Knots

Capacities

Fuel	35,000 lt
Fresh water	2,000 lt
Lube oil	4 x 200 lt
Sewage	2,000 lt

Loading Capability

Total persons	450
Crew	14
Vehicles	60 cars
Axle loads	2.0t max axle load
Access clear opening stern door	Clear opening, stern gates, 4.27m
Vehicle deck ht from loaded WL	3.47m
Vehicle deck ht from lightship WL	3.87m
Max vehicle deck beam	Between portals, 18.03m
Pax deck height clearance	2.25m
Main vehicle deck (no mezz)	Transom - Frame 16: open. Frame 16 - 39: 2.7m

Machinery

Engines	4 x 5,420 kW Caterpillar 3616 diesel engines
Engine RPM @ 100% mcr	1,000 rpm
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

Construction material

Marine grade aluminium alloy.

Navigation Equipment

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

Communication Equipment

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



Details provided are based on original design and certification.

For information on Incat representatives in your region contact head office

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