

ENA Pearl

87TBP / 7,000bhp / AHT



ENA Pearl

	7,000bhp
	Built 2005
	87MT Bollard Pull
	200 MT Winch Pull
	280 m ² Deck Space
	834 m ³ Fuel Oil Capacity
	407 m ³ Fresh Water Capacity

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Principal Particulars

Flag	Singapore
Built	2005
Length Overall	53.86 m
Length B.P	46.2 m
Beam Overall	15 m
Depth Moulded	6.25 m
Draft	5.3 m
GRT	1,525
NRT	457
Speed	12.0 knots @ 100% MCR

Classification

ABS +A1 Towing, Anchor Handling Services +AMS

Capacities

Fuel Oil	834 m3
Potable Water	407 m3
Ballast water	380 m3
Deck Cargo Area	26.5 m x 10.6 m (280 m2)
Deck Cargo Load	About 200 Tons
Deck Strength	7 Tons/m2

Discharging Rates

F.W Transfer	100 m3/hr @ 70m head
F.O Cargo transfer	100 m3/hr @ 70m head
F.O Transfer	20 m3/hr @20m head
Bilge/Ballast	50 m3/hr @40m head
Flow Meter	Provided for all fuel oil

Accommodation

Berths - Total	26
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Normal Mooring Equipment

Anchor Windlass	1 x 11 MT @ 10 m/min
Anchor	2 x anchors stowed in anchor pockets, 1,590 kg each
Chain Cable	x 38mm dia chain

Navigation and Communication Equipment

GMDSS (Area A3), Mini-M, Radars, Gyro-compass, Auto Pilot, GPS, Satellite Navigator, SSB, VHF, Echo Sounder, Navtex receiver, Weather fax, AIS

Life Saving / Rescue Equipment / Pollution Control,

Rescue Boat	6 men, 40 BHP
Life Raft & Davit	4 x 20 men, 1 x 6 men, conforming to SOLAS convention
Firefighting	2 Fire monitors
Oil dispersant spray boom at mid-ship on both sides, with spray nozzles, sprinkler system, fixed CO2 system	

Machinery & Propulsion Equipment

Main Engines	2 x 3,500 bhp each, Yanmar
Generators	3 x Caterpillar 716 BHP 625 kVA, 415 V, 50 Hz Alternator
Generators	2 x Caterpillar 349 BHP 300 kVA, 415 V, 50 Hz Alternator
Emergency Generator	1 x Caterpillar 130 BHP 106 kVA, 415 V, 50 Hz Alternator
Propellers	2 x fixed pitch 4 blades
Bow Thruster	1 x 5.0 MT, 330 kW
Stern Thruster	1 x 5 MT
Auxiliary Crane	1 x 5MT @ 12m rad

Anchor Handling Equipment

Towing Winch	MacGREGOR-Double Drum Winch 200 MT Pull @ 6 m/min 300 MT Brake Capacity: 1,000 m x 65 mm dia (per drum)
Tugger Winch	2 x 10 MT @ 10 m/min
Shark Jaws	1 x 300 MT
Towing Pins	1 x 300 MT
Stern Roller	2,200 mm dia x 6.32 m

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