



BRITOL 65

5,400 BHP | 70 t BP | AHT

Class Notation: **A1**, Towing Vessel, AH, **C**, **AMS**

Main Particulars	
Particular	Detail
Flag	Singapore
IMO	9352482
Call Sign	9V6584
Built	2006
Length Overall	40 m
Depth (Moulded)	4.95 m
Breadth (Moulded)	11.4 m
Draft (design / max)	4.0 m / 4.4 m
Gross Tonnage	497 t
Net Tonnage	149 t
Deadweight	262 t
Speed (max)	12.5 kn
Endurance	24 d

Machinery & Propulsion	
Component	Specification
Main Engines	2 x Caterpillar 3606, 2,700 bhp @ 1,000 rpm
Gearboxes	2 x Reintjes WAF 2345, 4.454:1
Propellers	2 x fixed, $\varnothing$ 2.9 m, Al-Ni, Kort nozzles
Bow Thruster	Brunvoll FU45 T1225, 300 kW, 4.5 t thrust
Steering Gear	Electro-hydraulic, 7 t torque
Generators	3 x 300 kW, 380 V 50 Hz, CAT 3408
Fuel-Oil Purifier	Mitsubishi SJ-700

Deck & Anchor Handling Equipment	
Equipment	Rating / Size
A-H / Towing Winch	75 t @ 0-14 m min ⁻¹ ; 43 t @ 0-22 m min ⁻¹ ; brake 140 t
Winch Wire Capacity	1,000 m x $\varnothing$ 52 mm
Tugger Winches	2 x 11 t @ 0-23 m min ⁻¹
Wire Storage Reels	2 x 9.2 t @ 0-26 m min ⁻¹ ; 1,000 m x $\varnothing$ 52 mm
Towing Pins/Shark Jaws	Karm Fork, 2 pins + 2 jaws
Stern Roller	3.3 m x $\varnothing$ 1.62 m; 140 t SWL
Deck Crane	2.6 t @ 14 m (45 TM)
Anchor Windlass	7.7 t @ 0-14 m min ⁻¹
Anchors	2 x 780 kg stockless
Anchor Chains	2 x 330 m x $\varnothing$ 28 mm U2

Performance			
Mode	MGO Consumption	Lube Oil Consumption	Speed
Max Speed	16,000 L d ⁻¹	53 L d ⁻¹	12.5 kn
Economical Speed	11,000 L d ⁻¹	24 L d ⁻¹	10 kn
Generator Load	450 L d ⁻¹	10 L d ⁻¹	—

Consumption	
Tank / Consumption	Capacity / Rate
Fuel Oil (90%)	292 t
Fresh Water	56 t
Fresh-Water Maker	12.4 t d ⁻¹

Cargo Deck	
Parameter	Value
Clear Deck Area	132 m ²
Deck Dimensions	16.5 m x 8.0 m
Deck Strength	5 t m ⁻²

Navigation & Communication	
Instrument	Detail
Radar S-band	Furuno FR1510 MK3
Radar X-band	Furuno FR2105
Gyro Compass	Tokimec ES-110
Autopilot	Furuno NAV Pilot-500
SSB Radios	Furuno RC-1800-IT-25-250 & FS-2570 250 W
VHF Radios	2 x Furuno FM-8500 25 W
Weather Facsimile	Furuno FAX-207
GMDSS / Nav Aids	Inmarsat-C x2, EPIRB, SART, Navtex, GPS, AIS, SSAS, PA, echo sounder, speed log, anemometer

Fire-Fighting & Rescue	
Equipment	Capacity / Rating
Fire Monitors	2 x 3,000 L min ⁻¹ @ 120 m head
Fire Pump	360 m ³ h ⁻¹
Dispersant Booms	2 x 8 m
Life Rafts	2 x 20 person
Lifesaving Equipment	SOLAS compliant

Accommodation	
Item	Capacity
Total Berths	18
Sewage Treatment Plant	Taiko Kikai SBT-25 (25 pax)

Details given in good faith but not guaranteed. Owners reserve the right to amend specifications without notification.

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