

A.M.S. AUSTRALIA

34m 3200bhp Offshore Support Vessel / Anchor Handling Tug



GENERAL DATA

Registry	Singapore
Built	Q1 2017
Classification	BV I +HULL, +MACH, TUG, Anchor Handling Vessel, Supply Vessel, Fire Fighting Ship E, INWATERSURVEY, Unrestricted Navigation
LOA	34.00m
Breadth (Mid)	11.00m
Depth (Mid)	4.80m
Draft (Mid)	3.65m
Bollard Pull	41.8 tons @100% MCR
Speed	13.0 knots @100% MCR
Clear Deck Space	110m ²
Deck Loading	10 tons/m ²
Accommodation	11 crew (3 x Single Cabin; 4 x 2 Man Cabin)

MAIN ENGINE / GENERATOR

Main Engines	2 x Cummins USA KTA50-M2; 1600bhp @ 1800rpm
Generator Sets	2 x CCFJ235-Z-W-MYCM 235kw/415v/50Hz Cummins USA QSM11-DM engine;
Gear Box	Ratio 5.950:1
Propulsion	2 x Fixed Pitched Propellers
Kort Nozzle	2 x Kort Nozzles
Bow Thruster	Veth VT-150 Tunnel Thruster 200kW @ 1500rpm/50Hz

LIFE-SAVING & FIRE FIGHTING EQUIPMENT

SART	1 x McMurdo S4 9GHz
EPIRB	1 x McMurdo Smartfind E5 406MHz
Fire Fighting	FFS 1/2 FiFi System; Pump 1540m ³ /hr with 2 x FFS600/150LB monitors

All lifesaving equipment to adhere to SOLAS, Singapore and Australian regulations.

TANK CAPACITIES

Fuel Oil	320m ³ (approx.)
Fresh Water	30m ³ (approx.)
Bilge & Ballast Pump	35m ³ /hr @ 30m head Desmi Denmark
GS & Fire Pump	35m ³ /hr @ 30m head Desmi Denmark
Cargo Fuel Oil Pump	35m ³ /hr @ 40m head Itur Spain

DECK MACHINERY

Anchor Windlass	Hydraulic Single drum, Double warp heads/ gypsies; Pull: 18T @ 10m/min at 1 st layer; Brake Holding: 80T (static, 1 st layer)
Capstan	Hydraulic vertical capstan 5T @10m/min; dia. 400mm
Tugger Winch	Hydraulic Single Drum; Pull: 5T @ 10m/min at 1 st layer; Brake Holding: 8T (static)
AH/Towing Winch	Aft Hydraulic Waterfall Double Drums Pull: 50T @ 15m/min (1 st speed); 15T @ 30m/min (2 nd speed); Brake Holding: 100T (static, 1 st layer); Wire Capacity: 1000m x dia.38mm
Shark Jaw Towing Pin	MKB Model: SJ400+TP400
Towing Hook	WLL of towing pins 85T, shark jaw 100T
Deck Crane	Mampaey 45T WLL Quick Release Disc HS Marine AKC 115/16.3 LHE4 Foldable Knuckle Type; Max 19.93T @ 4m; Min 4.06T @16.31m
Stern Roller	100T WLL Stern Roller

NAVIGATION / COMMUNICATION EQUIPMENT

SSB Radio	1 x JRC JSS-2150
VHF-FM Radio	2 x JRC JHS-770S
Inmarsat C (SSAS)	1 x JRC JUE-87
Inmarsat C (LRIT)	1 x JRC JUE-87
Navtex Receiver	1 x JRC NCR-333
Weather Fax	1 x JRC JAX-9B
GMDSS VHF Radio	4 x McMurdo R5 (2 way portable)
Radar	1 x JRC JMA-5212-6BB
Magnetic Compass	1 x Lilley & Gillie MK2000S
Echo Sounder	1 x JRC JFE-380-25
Speed Log	1 x JRC JLN-205MK2
AIS	1 x JRC JHS-183
Autopilot	1 x SIMRAD AP-70
DGPS	1 x JRC JLR-7500 DGPS
GPS Compass	1 x JRC JLR-21
PA System	1 x Hanshin HPA-7300
BNWAS	1 x Le Guardian 2025

*Particulars given herein are without warranty as to accuracy and interested parties must satisfy themselves by inspection or other means of detail of the vessel or equipment.

AUSTRALIA MARINE SERVICES PTY LTD T/A A.M.S. Tugs & Barges

Owner/Operator of Barges & Offshore Vessels

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