Pacific Tug Group
Serving Australia since 1965

VESSEL SPECIFICATION SHEET

Version: 19 June 2025

P.T. FORTITUDE



PRINCIPAL PARTICULARS	
Vessel Type	**Twin Screw Tug**
Year Built	**2009**
Flag	**Australian**
Operational Area	**2A**
Class	**NKK**
GRT / NRT	**399 / 120**
Speed (free run)	**12 knots**
Accommodation	**15 persons, 9 cabins, all spaces air conditioned**
Bollard Pull	**41 tonnes**
Length OA	**34 metres**
Breadth	**10.6 metres**
Depth	**4.95 metres**
Summer Draught	**4.0 metres**
Summer Displacement	**756 tonnes**
Light Ship	**396 tonnes**
Fuel Capacity	**285,000 litres**
Freshwater Capacity	**62,000 litres w/ FW generator of 4m³/day**
Grey Water Storage	**5m³**

PROPULSION MACHINERY	
Main Engines	**2 x Cummins KTA50-M2**
Power Rating	**2 x 1,193 Kw (3,200 HP)**
Gearboxes	**R/R Reintjes WAF/6651 Ratio 5.950:1**
Propellers	**91" 4 blade Manganese Bronze, kort nozzles**
Steering Gear	**Twin Rudder, high lift, Electro hydraulic**
Bow Thruster	**1 x Hydraulic 2.5 tonne Thrustmaster**

AUXILLARY EQUIPMENT	
Generator	**2 x Cummins 6BT5.9DM**
Capacity	**78 kW 415/230 volts**
Fuel Transfer p/p	**1 x V40 Esbray 40m³ / hour**
Hydraulic Power	**Electric driven**

DECK EQUIPMENT	
Towing Hook	**Fitted**
Towing Winch	**50t line pull. Electro Hydraulic (waterfall type, double drum) with hydraulic brake holding 100 tonne, remote operation, locking pin and emergency release**
Drum Capacity	**2 x 44mm WRC x 750m**
Capstan	**Electro free standing 3 tonnes**
Tugger Winch	**Electro hydro 5 tonnes**
Stern Roller	**40 tonnes (est) capacity**
Shark Jaws & Pins	**Smit Berger 100 tonne capacity**
Deck Crane	**HS Marine AK 25 HE3 6 tonne at 3.0m**

COMMENTS

Long distance towing vessel with manoeuvrability from her bow thruster. Excellent accommodation and layout. Large clear deck space with 9.00 x 8.50 m. Excellent fuel capacity, unrestricted navigation area, GMDSS, Sat phone communications. Hydraulic shark jaws and pins for towing operations, deck crane for handling and loading larger towing equipment. Deck strengthened for container loadings of 3 x 20 tonne.

Whilst every effort is made to ensure particulars are correct, Pacific Tug does not warrant the accuracy of the information given

8/119 Colburn Avenue, Victoria Point QLD 4165
PO Box 5245, Victoria Point QLD 4165
P: +61 7 3383 6600
www.pacifictug.group