

PW Berani



4,000 BHP ASD Tug / HARBOUR TUG

CLASSIFICATION AND REGISTRATION

Year Built	2013
Flag	Singapore
Call Sign	9V7110
Official Number	398095
IMO Number	9683594
Location Built	China
Classification	American Bureau of Shipping
Class Notation	✱A1, Towing Vessel, (E), ✱AMS

DIMENSIONS

Length O.A	29.00 m
Breadth Moulded	10.50 m
Depth Moulded	4.96 m
Draft (Operations)	4.00 m (Approx)

TONNAGE

Gross Tonnage	348 T (Approx)
Net Tonnage	104 T (Approx)
Displacement	abt 665.424 T
Lightship	abt 470.40 T

PERFORMANCE DATA

Bollard Pull	53 Tonnes (Approx)
Speed	12 knots (Approx)

TANK CAPACITIES

Fuel Oil	abt 162 m ³
Fresh Water	abt 33 m ³
Foam Tank	abt 7.2 m ³
Dispersant Tank	abt 7.2 m ³

MAIN MACHINERIES

Main Engines	2 x NIIGATA 6L26HLX
Total BHP	2 x 1471 KW @ 750 RPM
Propulsion	2 x Niigata ZP-31
	Azimuth fixed pitch Z-drive propellers
Generators	2 x Volvo Penta @ 139kw

DECK EQUIPMENT

Fwd Towing winch	50kn @ 20m/min @ first layer
Brake Holding	1000kn @ first layer
Drum Capacity	1 x 12" circ x 200 m working towing rope
Aft Towing Winch	550kn @ 5m/min and 200kn @ 10m/min
Brake Holding	1150kn @ first layer
Drum Capacity	46mm dia x 700m
Towing Hook	55T with remote pneumatic release
Deck Crane	1 x 500kg SWL @ 9.4m outreach

EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT

Fire Pump	1400 m ³ /hr @ 130 mlc
Fire Monitors	2 x 600m ³ /hr fire monitor remote control
Oily Water Separator	0.5 m ³ /hr
Dispersant System	1 x dispersant pump c/w 2 off centre veejet nozzle

NAVIGATION & COMMUNICATION EQUIPMENT (A1 + A2 +A3)

Radar	1 x Furuno FAR-2117
GPS Navigator	1 x Furuno GP-150
Inmarsat C	2 x Furuno Felcom 18
MF/HF	1 x Furuno FS 1575
AIS	1 x Furuno FA-150
Speed Log	1 x Furuno DS-80
Echo Sounder	1 x Furuno FE 700
VHF Radio Telephone	2 x Furuno FM-8900S
Navtex Receiver	1 x Furuno NX-700A
BNWS	1 x Furuno BR-500
Wind Monitor	1 x RM Young-5106
EPIRB	1 x McMurdo E5

ACCOMMODATION

Complement	10 men (air conditioned)
Cabins Total	2 no. 4-men cabins and 2 no. 1-man cabins