

2,800 Bhp Utility Tug - PW Resource



CLASSIFICATION AND REGISTRATION

Name	PW Resource
Port of Registry	Singapore
Built in	China
Built	2009
Classification	American Bureau of Shipping
Class Notation	*A1, Towing Vessel, Offshore Support, E *AMS

MEASUREMENTS

L.O.A	41.8 m
Breadth Moulded	10.0 m
Depth Moulded	4.20 m
Draft (designed)	3.20 m

TONNAGE

GRT	536
NRT	161
Displacement	Approx 1019 T
Lightship	Approx 588 T

CAPACITIES (ON MAX DRAFTS)

Fuel Oil	abt 200 M ³
Fresh Water	abt 150 M ³

MAIN MACHINERIES

Main Engines	2 x Mitsubishi S12R-MPTK
Total BHP	2 x 1400 bhp @ 1650 rpm
Main Propulsion	2 sets of FPP with Kort Nozzles
Bollard Pull	36 T
Generators	3 x Volvo Penta D7A-TA
Alternators	Stamford 139 kw-415V 3phase 50hz
Bow Thruster	TFN-200S 185kw @ 990rpm, Rated thrust 3.0mt @ 481.6rpm

EXTERNAL FIRE FIGHTING Equipment

1/4 Fi-Fi

SPEED/CONSUMPTION

Max. Speed (free running)	Approx 11 Knots
Consumption (max speed)	Approx 8.0 MT day

ACCOMMODATION

Berth total	20 persons (air conditioned)
Cabins total	8

DECK EQUIPMENT

Hyd Towing Winch	ZY-35TW-D-M07/013B Pull of 17.5T@16 m/min, single drum Braking holding 90 tons
Wire Drum capacity	700m x 38mm dia wire
Tugger Winch	ZY-5HTW-M07/013C Pull of 5T @ 10m/min
Windlass / Mooring	2 x Anchor chain gypsy electro Hydraulic Motor Drive 2 x anchor 690 kg, 24mm dia chains 2 x Warping drum
Deck Crane	1 x Palfinger Crane, SWL1.69t @8m
Deck Space	14M X 6 M
Life rafts	4 x 20 men

NAVIGATION & COMMUNICATION EQPT (A1 + A2 + A3)

Inmarsat C	2 x Furuno Felcom 15
AIS	1 x Furuno FA 1502
HF/MF	1 x Furuno FS-2570
VHF	2 x Furuno FM8800S
Radar	1 x Furuno FR-1510 Mark-3
GPS	1 x Furuno GP 150
Weather Fax	1 x Furuno FAX 408
Echo Sounder	1 x Furuno FE-700
Autopilot	1 x Simrad AP50
Navtex	Nav 7