

## PW Tenaga



### 3,600 BHP ASD Tug / HARBOUR TUG

#### CLASSIFICATION AND REGISTRATION

Year Built	2012
Flag	Singapore
Call Sign	9V9906
Official Number	397725
IMO Number	9668831
Location Built	China
Classification	Bureau Veritas
Class Notation	BV Class I,  Hull,  Mach tug

#### DECK EQUIPMENT

Fwd Towing winch	5T @ 20m/min @ first layer
Brake Holding	100T @ first layer
Drum Capacity	1 x 12" Circ x 200 m working towing rope
Towing Hook	50T with remote pneumatic release
Deck Crane	1 x SWL 1 ton. Outreach: 5m

#### DIMENSIONS

Length O.A	29.00 m
Breadth Moulded	10.50 m
Depth Moulded	4.96 m
Draft (Operations)	3.90 m

#### EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT

Fire Pump	1 x 1400 m <sup>3</sup> /hr @ 130 m head
Fire Monitors	2 x 600m <sup>3</sup> /hr with remote control
Oily Water Separator	0.5 m <sup>3</sup> /hr
Dispersant System	1 x dispersant pump c/w 2 off centre flat spray veejet nozzle

#### TONNAGE

Gross Tonnage	351 T (Approx)
Net Tonnage	105 T (Approx)
Displacement	abt 638.448 T
Lightship	abt 430.40 T

#### NAVIGATION & COMMUNICATION EQUIPMENT (A1 + A2 +A3)

Radar	1 x JRC JMA-5212
GPS Navigator	1 x Koden KGP-920
Inmarsat C	1 x Furuno Felcom 15
MF/HF	1 x Furuno FS 1575/NBDP
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-8800S
Navtex Receiver	1 x Furuno NX-700B
Gyro Compass	1 x Koden KGC-1
Magnetic Compass	1 x Saura Keiki MR 150 A
EPIRB	1 x McMurdo E5
BNWAS	1 x BR-500

#### PERFORMANCE DATA

Bollard Pull	46 Tonnes (Approx)
Speed	12 knots (Approx)

#### TANK CAPACITIES

Fuel Oil	abt 163 m <sup>3</sup>
Fresh Water	abt 33 m <sup>3</sup>
Foam Tank	abt 7.0 m <sup>3</sup>
Dispersant Tank	abt 7.0 m <sup>3</sup>

#### MAIN MACHINERIES

Main Engines	2 x NIIGATA 6L25HX
Total BHP	2 x 1323 KW @ 750 RPM
Propulsion	2 x Niigata ZP-21
	Azimuth fixed pitch Z-drive propellers
Generators	2 x Volvo Penta @ 108kw
Alternators	Stamford 415V 3 phase 50hz

#### ACCOMMODATION

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