

# PW IOTA

## 3,600 BHP ASD Tug / HARBOUR TUG



### CLASSIFICATION AND REGISTRATION

Year Built	2012
Flag	Singapore
Call Sign	9V6837
Official Number	397849
IMO Number	9659256
Location Built	China
Classification	American Bureau of Shipping
Class Notation	A1, Towing Vessel, (Fire Fighting Capability), (E), AMS

### DECK EQUIPMENT

Fwd Towing winch	3T @ 40m/min @ first layer
Brake Holding	80T @ first layer
Drum Capacity	1 x 12" Circ x 200 m working towing rope
Aft Towing Winch	45T @ 6m/min, 13T @ 21m/min
Brake Holding	100 T @ first layer
Drum Capacity	1 x 600m of 42mm dia
Towing Hook	50T with remote pneumatic release
Deck Crane	1 x SWL 720kg. Outreach: 12M
Stern Roller	1 x 100 tons SWL, 3m x 1.2m dia

### DIMENSIONS

Length O.A	29.36 m
Breadth Moulded	9.80 m
Depth Moulded	5.00 m
Draft (Operations)	4.10 m

### EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT

Fire Pump	1 x 1400 m <sup>3</sup> /hr @ 120 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 throw nozzle

### TONNAGE

Gross Tonnage	371 T (Approx)
Net Tonnage	111 T (Approx)
Displacement	abt 635.14 T
Lightship	abt 437.324 T

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

Radar	1 x Furuno FR-2117
GPS Navigator	1 x Furuno GP-150
Inmarsat C	2 x Furuno Felcom 15
MF/HF	1 x Furuno FS 1570T
AIS	1 x Furuno FA-150
Speed Log	1 x Furuno DS-80
Echo Sounder	1 x Skipper ED 165
VHF Radio Telephone	2 x Furuno FM-8800S
Navtex Receiver	1 x JMC NT-1800
Auto Pilot	1 x Anschutez NP60I
Gyro Compass	1 x Simrad RGC 50
EPIRB	1 x McMurdo E5

### PERFORMANCE DATA

Bollard Pull	45 Tonnes (Approx)
Speed	12 knots (Approx)

### TANK CAPACITIES

Fuel Oil	abt 198 m <sup>3</sup>
Fresh Water	abt 41 m <sup>3</sup>
Foam Tank	abt 5.0 m <sup>3</sup>
Dispersant Tank	abt 5.0 m <sup>3</sup>

### MAIN MACHINERIES

Main Engines	2 x Yanmar 8N21A-EN
Total BHP	2 x 1800 PS@900 RPM
Propulsion	2 x Schottel SRP 1012FP Azimuth fixed pitch Z-drive propellers
Generators	2 x Volvo Penta @ 139kw

### ACCOMMODATION

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