

## 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

#### DIMENSIONS

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

#### TONNAGE

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

#### 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

#### 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

#### 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

#### 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

#### ACCOMMODATION

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