

## HARBOUR TUG



## VESSEL CAPABILITIES

### HARBOUR TOWAGE



### STATION KEEPING



# PW TENANG

## Vessel Information

PW Tenang is a 3,600 BHP ASD Harbour Tug that delivers 46 tonnes bollard pull (TBP) and is purpose-built for safe and efficient harbour towage operations. Equipped with Azimuth Stern Drive (ASD) propulsion, it excels at ship berthing, unberthing, and manoeuvring large vessels within confined port waters.

- Length 29m X Beam 10.5m
- Accommodation up to 10 Persons
- 46 TBP
- Designed for reliable harbour towage, vessel berthing, and manoeuvring in confined port waters.

PRINCIPAL PARTICULARS	
YEAR BUILT	2012
FLAG	Singapore
CALL SIGN	9V9907
BUILDERS	PaxOcean Engineering Pte Ltd, Zhuhai, China
OFFICIAL NO	397726
CLASSIFICATION (BV)	✱HULL, ✱MACH, Tug Unrestricted navigation

CRANE & DECK EQUIPMENT	
FORWARD TOWING WINCH	10T @ 10m/min (1 <sup>st</sup> layer)
BREAK HOLDING CAPACITY	70T @ 1 <sup>st</sup> layer of rope of the drum
TOW DRUM CAPACITY	1 x 200m x 12" Circumference Working towing rope
TOWING HOOK	1 x 50T with pneumatic control (Aft Deck)
DECK CRANE	1 x 1T SWL 5m max outreach

NAVIGATION & COMMUNICATION EQUIPMENT (A1+A2+A3)	
RADAR	1 x JRCJMA-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
EPIRB	1 x McMurdo E5
GPS COMPASS	1 x Koden KGC-1
BNWAS	1 x BR-500
AUTO PILOT	1 x Saura Keiki MR 150 A
MAGNETIC COMPASS	1 x Felcom-19

DIMENSIONS & TONNAGE	
LENGTH OVERALL (LOA)	29m
BEAM OVERALL (BOA)	10.50m
DEPTH MOULDED	4.96m
DRAFT (OPERATIONS)	3.9m
DISPLACEMENT	638.448T @ 3.9m
GROSS TONNAGE	351T
NET TONNAGE	105T
DWT 3.9m DRAFT	202.75T

CAPACITIES	
FUEL OIL	163m <sup>3</sup>
POTABLE WATER	33m <sup>3</sup>
FOAM TANK	7m <sup>3</sup>
DISPERSANT TANK	7m <sup>3</sup>

LSA/FFA EQUIPMENT	
FIRE PUMP	1 x 1,400m <sup>3</sup> /hr @ 130m head
FIRE MONITORS	2 x 60m <sup>3</sup> /hr with remote control
OILY WATER SEPARATOR	0.5m <sup>3</sup> /hr
DISPERSANT SYSTEM	1 x dispersant pump c/w 2 off centre flat spray veejet nozzle

MAIN PROPULSION & MACHINERY	
MAIN ENGINES	2 x NIIGATA 6L25HX
TOTAL BHP	2 x 1,323kW @ 750 RPM
PROPULSION	2 x Z-Peller-ZP21, Azimuth fixed pitch Z-drive propellers
GENERATORS	2 x Volvo Penta @ 108kW
ALTERNATORS	Stamford 415V 3 phase 50hz

BOLLARD PULL & SPEED	
BOLLARD PULL	46T
MAXIMUM SPEED MINIMUM DRAFT	12 Knots

ACCOMMODATION	
BERTH TOTAL	10
CABIN CONFIGURATIONS	2 Singles, 2 Quadruples