



VESSEL CAPABILITIES

HARBOUR TOWAGE



STATION KEEPING



PW TENTU

Vessel Information

PW Tentu is a 3,600 BHP ASD Harbour Tug that delivers 45 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 25.8m X Beam 9.5m
- Accommodation up to 9 Persons
- 45 TBP
- Designed for reliable harbour towage, vessel berthing, and manoeuvring in confined port waters.

| PRINCIPAL PARTICULARS | |
|-----------------------|--|
| YEAR BUILT | 2016 |
| FLAG | Singapore |
| CALL SIGN | 9V3333 |
| BUILDERS | POET, China |
| OFFICIAL NO | 400031 |
| CLASSIFICATION (BV) | ✕HULL, ✕MACH, Tug Coastal area INWATERSURVEY |

| CRANE & DECK EQUIPMENT | |
|------------------------|---|
| FORWARD TOWING WINCH | 10T @ 10m/min (1 st layer) |
| BREAK HOLDING CAPACITY | 70T @ 1 st 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 Furuno FAR 2117-D |
| GPS NAVIGATOR | 1 x Furuno GP-170 |
| AIS | 1 x Furuno FA 150 |
| DOPPLER SPEED LOG | 1 x Furuno DS 80 |
| ECHO SOUNDER | 1 x Furuno FE 800 |
| VHF RADIO TELEPHONE | 2 x Furuno FM8900S |
| NAVTEX RECEIVER | 1 x JMC NT-1800 |
| EPIRB | 1 x McMurdo E5 |
| INMARSAT C | 1 x Furuno Felcom 18 |
| BNWAS | 1 x Leguardian 2025 |
| AUTO PILOT | 1 x Simrad AP70 |
| SATELITE COMPASS | 1 x Simrad MX575 Series |
| SART | 1x McMurdo S4 |

| DIMENSIONS & TONNAGE | |
|----------------------|-------------|
| LENGTH OVERALL (LOA) | 25.8m |
| BEAM OVERALL (BOA) | 9.50m |
| DEPTH MOULDED | 4.96m |
| DRAFT (OPERATIONS) | 4.0m |
| DISPLACEMENT | 516.5T @ 4m |
| GROSS TONNAGE | 294T |
| NET TONNAGE | 88T |
| DWT 4.0m DRAFT | 145T @ 4m |

| CAPACITIES | |
|-----------------|-------------------|
| FUEL OIL | 86m ³ |
| POTABLE WATER | 49m ³ |
| FOAM TANK | 3.6m ³ |
| DISPERSANT TANK | 3.6m ³ |

| LSA/FFA EQUIPMENT | |
|----------------------|--|
| FIRE PUMP | 1 x 1,500m ³ /hr @ 120m head |
| FIRE MONITORS | 1 x 1200m ³ /hr with remote control |
| OILY WATER SEPARATOR | 0.5m ³ /hr |
| DISPERSANT SYSTEM | 1 x dispersant pump c/w 2 veejet nozzle |

| MAIN PROPULSION & MACHINERY | |
|-----------------------------|---|
| MAIN ENGINES | 2 x NIIGATA 6L25HX |
| TOTAL BHP | 2 x 1,323kW @ 750 RPM |
| PROPULSION | 2 x Niigata ZP-21 In 360 degrees steerable kort nozzles |
| GENERATORS | 2x Volvo Penta D5A-BTA |
| ALTERNATORS | Stamford 86kw - 415V 3-phase 50Hz |
| HARBOUR GENERATOR | Perkin 1103A-33T G2-40kw |

| BOLLARD PULL & SPEED | |
|-----------------------------|----------|
| BOLLARD PULL | 45T |
| MAXIMUM SPEED MINIMUM DRAFT | 11 Knots |

| ACCOMMODATION | |
|----------------------|------------------------|
| BERTH TOTAL | 9 |
| CABIN CONFIGURATIONS | 2 Doubles, 1 Quintuple |