

HARBOUR TUG



VESSEL CAPABILITIES

HARBOUR TOWAGE



STATION KEEPING



PW TENTERAM

Vessel Information

PW Tenteram 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	9V3334
BUILDERS	POET, China
OFFICIAL NO	400032
CLASSIFICATION (ABS)	✱A1, Towing Vessel (Fire Fighting Capability), Harbor Service, Ⓔ, ✱AMS

DIMENSIONS & TONNAGE

LENGTH OVERALL (LOA)	25.8m
BEAM OVERALL (BOA)	9.50m
DEPTH MOULDED	5.0m
DRAFT (OPERATIONS)	4m
DISPLACEMENT	516.52T @ 4m
GROSS TONNAGE	294T
NET TONNAGE	88T
DWT 4.0m DRAFT	137T @ 4m

MAIN PROPULSION & MACHINERY

MAIN ENGINES	2 x NIIGATA 6L25HX
TOTAL BHP	2 x 1,323kW @ 750 RPM
PROPULSION	2 x Z-Peller-ZP21, In 360 degrees steerable kort nozzles
GENERATORS	2 x Volvo Penta D5A-BTA
ALTERNATORS	Stamford 86kw -415V 3phase 50Hz
HARBOUR GENERATOR	Perkin 1103A-33T G2-40kw

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
DECK CRANE	1 x 1T SWL 5m max outreach

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

BOLLARD PULL & SPEED

BOLLARD PULL	45T
MAXIMUM SPEED MINIMUM DRAFT	11 Knots

NAVIGATION & COMMUNICATION EQUIPMENT (A1+A2+A3)

RADAR	1 x Furuno FAR 2117-D
GPS NAVIGATOR	1 x Furuno GP-170
INMARSAT C	1 x Furuno Felcom 18
WIND ANEMOMETER	1 x RM Young 05103-58
AIS	1 x Furuno FA-150
DOPLER SPEED LOG	1 x Furuno DS 80
ECHO SOUNDER	1 x Furuno FE 800
VHF RADIO TELEPHONE	2 x Furuno FM-8900S
NAVTEX RECEIVER	1 x JMC NT-1800
EPIRB	1 x McMurdo E5
GPS COMPASS	1 x Simrad MX575 Series
BNWAS	1 x Leguardian2025
AUTO PILOT	1 x Simrad AP70
MAGNETIC COMPASS	1 x Felcom-19
SART	1 x McMurdo S4

ACCOMMODATION

BERTH TOTAL	9
CABIN CONFIGURATIONS	2 Doubles, 1 Quintuple