

## POSH Pahlawan / POSH Panglima



### 5,000 BHP / 65 TBP / ANCHOR HANDLING TUG

#### PRINCIPAL PARTICULARS

Year Built	2010
Flag	Singapore
Call Sign	9V8712 / 9V8711
Builders	Cheoy Lee Shipyard
Official No	396137 / 396136
Classification	ABS+A1 Circle E+AMS

#### DIMENSIONS

Length Overall	49.95 m
Length BP	43.60 m
Breadth Moulded	12.6 m
Depth Moulded	5.75 m
Design Draft	4.8 m
Working Deck Area	220 m <sup>2</sup> (22 x 10)
Deadweight at 4.8m	860Tons
GRT	962
NRT	288

#### PERFORMANCE DATA

Max Speed	12 knots
Bollard Pull	69.69 MT

#### TANK CAPACITIES

Fuel Oil	423 m <sup>3</sup> + 130 m <sup>3</sup> (Oil Spill Recovery Tank)
Fresh Water	277 m <sup>3</sup>
Foam Capacity	16 m <sup>3</sup>
Oil Dispersant Capacity	19 m <sup>3</sup>
Oil Spill Recovery Tank (included in fuel capacity)	130 m <sup>3</sup> (converted to Fuel Oil)

#### MACHINERY & EQUIPMENT

Main Engines	Yanmar 6EY26, 2 x 2500 BHP @ 750 Rpm
Propellers	CPP in Nozzles
Bow Thruster	420 BHP @ 5 tons thrust
Towing/Anchor Handling	Electro-Hydraulic Waterfall Winch Double Drum (Brake Holding Capacity @ 180tons, Line pull @ 75tons
Towing Wires	2 x 900 m x 52 mm Dia FSWR wires

#### MACHINERY & EQUIPMENT (cont'd)

Generators	3 x Diesel Main Generator 300 kw 415v 3 Phase 50 hz. 1 x Emergency Generator 84kw 415v 3 Phase 50 hz
Anchor Handling Wire	350 m x 52 mm Dia FSWR work wire 200 m x 52 mm Dia FSWR work wire 100 m x 52 mm Dia FSWR work wire (Spare Anchor Handling Wire – various sizes work wire)
Shark Jaw & towing pin	SWL 200 tons, hydraulic retractable type
Tugger Winch	2 x electro-hydraulic winches x 10 tons each
Capstan	2 x electro-hydraulic winches x 5.0 tons each
Stern Roller	SWL 120 tons 3.5 m x 1.5 m
Stern Opening	7.00 meter
Anchor Windlass	Electro-hydraulic, cable lifter @ 6 tons, mooring drum - brake holding @ 100 tons, line pull @ 10 tons
Drum Capacity	SYN Rope 60mm dia x 200m
Cargo Fuel Pump	70 m <sup>3</sup> /hr at 50 m head
Deck Crane	1 x el-hydraulic knuckle crane, 2 tons @ 9 m
Rescue Workboat	1 x 6 men semi rigid dinghy c/w 25hp outboard engine
Reefer points	4 x AC 415 V, 3 Phase, 50 Hz, 32 Amp

#### EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT

External Fire Fighting System	1 x 1500m <sup>3</sup> /hr fire pump PTO from main engine with 2 x 600 m <sup>3</sup> /hr remote controlled foam / water fire monitor
Oil Dispersant System	2 x dispersant spray nozzle (Single point each fitted to bulwark @ mid ship)

#### ACCOMMODATION

1 man x 3 cabin
2 men x 2 cabin
3 men x 2 cabin
4 men x 2 cabin
Complement - 21 men