

## POSH Pahlawan / 保時旺



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

#### PRINCIPAL PARTICULARS

<b>Year Built</b>	2010
<b>Flag</b>	The Republic of China (R.O.C)
<b>Call Sign</b>	9V8712 / 9V8711
<b>Builders</b>	Cheoy Lee Shipyard
<b>Official No</b>	396137 / 396136
<b>Classification</b>	ABS+A1 Circle E+AMS. CR100+E, Tug, Anchor Handling

#### DIMENSIONS

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

#### PERFORMANCE DATA

<b>Max Speed</b>	12 knots
<b>Bollard Pull</b>	69.69 MT

#### TANK CAPACITIES

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

#### MACHINERY & EQUIPMENT

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

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

<b>Generators</b>	3 x Diesel Main Generator 300 kw 415v 3 Phase 50 Hz. 1 x Emergency Generator 84kw 415v 3 Phase 50 Hz
<b>Anchor Handling Wire</b>	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)
<b>Shark Jaw &amp; towing pin</b>	SWL 200 tons, hydraulic retractable type
<b>Tugger Winch</b>	2 x electro-hydraulic winches x 10 tons each
<b>Capstan</b>	2 x electro-hydraulic winches x 5.0 tons each
<b>Stern Roller</b>	SWL 120 tons 3.5 m x 1.5 m
<b>Stern Opening</b>	7.00 meter
<b>Anchor Windlass</b>	Electro-hydraulic, cable lifter @ 6 tons, mooring drum - brake holding @100 tons, line pull @ 10 tons
<b>Drum Capacity</b>	SYN Rope 60mm dia x 200m
<b>Cargo Fuel Pump</b>	70 m <sup>3</sup> /hr at 50 m head
<b>Deck Crane</b>	1x el-hydraulic knuckle crane, 2 tons @ 9 m
<b>Rescue Workboat</b>	1 x 6 men semi rigid dinghy c/w 25hp outboard engine
<b>Reefer points</b>	4 x AC 415 V, 3 Phase, 50 Hz, 32 Amp
<b>EXTERNAL FIRE FIGHTING &amp; OIL SPILL EQUIPMENT</b>	
<b>External Fire Fighting System</b>	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
<b>Oil Dispersant System</b>	2 x dispersant spray nozzle (Single point each fitted to bulwark @ mid ship)
<b>ACCOMMODATION</b>	
	1 man x 3 cabin 2 men x 2 cabin 3 men x 2 cabin 4 men x 2 cabin Complement - 21 men