

POSH ARCTURUS

6,600 BHP / 85 TBP / ANCHOR HANDLING TUG



PRINCIPAL PARTICULARS

| | |
|----------------|---|
| Year Built | 2016 |
| Flag | Singapore |
| Call Sign | 9V3416 |
| Builders | PaxOcean Engineering Zhuhai Co., Ltd 400121 |
| Official No | ABS+A1(E) + AMS AH, OSV, |
| Classification | TOWING VESSEL, SPS2008 CODE,Fifi Class 1,UWILD,MLC- ACCOM |

DIMENSIONS

| | |
|-------------------|--------------------------|
| Length Overall | 50.70 m |
| Length BP | 44.40 m |
| Breadth Moulded | 13.80 m |
| Depth Moulded | 6.00m |
| Design Draft | 4.50 m |
| Working Deck Area | 200 m ² |
| Deadweight | 750 Tons at summer draft |
| GRT | 1,350 |
| NRT | 400 |

PERFORMANCE DATA

| | |
|--------------|-----------------|
| Max Speed | approx.13 knots |
| Bollard Pull | approx.85 MT |

TANK CAPACITIES

| | |
|-------------------------|--------------------|
| Fuel Oil Fresh | 840 m ³ |
| Water | 180 m ³ |
| Foam Capacity | 7.5 m ³ |
| Oil Dispersant Capacity | 7.5 m ³ |

MACHINERY & EQUIPMENT

| | |
|---------------------------------|---|
| Main Engines | Yanmar 6EY26, 2 x 3300 BHP @ 750 Rpm |
| Propellers | CPP in Nozzles |
| Bow Thruster | 1 x 8 ton Electric motor driven tunnel thruster CPP type with Soft Starter |
| Towing/Anchor Handling Winch | Electro-Hydraulic Waterfall Double Drum (Brake Holding Capacity @ 275tons, Line pull @ 150tons |
| Towing Wires | 2 x 1000 m x 58 mm Dia wires rope |
| Cargo Fuel Pump | 75 m ³ /hr at 60 m head |

MACHINERY & EQUIPMENT (cont'd)

| | |
|---|--|
| Generators | 3 x Diesel Main Generator 425 kwe 440v 3 Phase 60 hz, 1x Emergency Diesel Generator 150kw 440v 3 Phase 60 hz |
| Anchor Handling Wire | 58mm dia 350mtrs work wire 50mm dia 150mtrs work wire 50mm dia 100mtrs work wire |
| Shark Jaw | SWL 300 tons, hydraulic retractable type |
| Towing Pin | SWL 200 tons, hydraulic retractable type |
| Tugger Winch | 2 x electro-hydraulic winches x 10 tons each |
| Capstan | 2 x electro-hydraulic capstans x 10 tons each |
| Stern Roller | SWL 270 tons 5.5 m x 1.2 m |
| Stern Opening | 7.00 meter |
| Anchor Windlass | Electro-hydraulic, mooring drum - brake holding@150 tons, line pull @ 50 tons |
| Drum Capacity | Rope 300m long dia x 50mm |
| Deck Crane | 1x el-hydraulic knuckle crane, 2 tons @ 9 m |
| Rescue Workboat | 1 x 6 men semi rigid dinghy c/w 25hp outboard engine |
| Reefer points | 3 x AC 440 V, 3 Phase, 50 Hz, 32 Amp |
| Reefer Sockets | 2 x AC 220 V, 16 Amp |
| Power Sockets | 2 x AC 110 V |
| EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT | |
| External Fire | 2x monitor @1500m ³ /hr each |
| Oil Dispersant System | 2(two) hydrants of 2.5 dia connected to GS pump and proportionating meter 0-10% Coupling connections has to be with 2(two) spray nozzles and 20M long flexible hoses. |

ACCOMMODATION

| | | |
|--------------------|-----|--------|
| 1 x 4-berth cabin: | 9 | 4 men |
| x 2-berth cabin: | 6 x | 18 men |
| 1-berth cabin: | 6 x | 6 men |
| Total Complement : | | 28 men |