

AHT



VESSEL CAPABILITIES

OFFSHORE TOWAGE



STATION KEEPING



POSH ARCTURUS

Vessel Info

POSH Arcturus is a robust 6,600 BHP Anchor Handling Tug built for offshore operations. With a bollard pull of 85 tonnes, the vessel is equipped with twin Yanmar main engines, CPP in nozzles, and an electro-hydraulic waterfall winch system rated for 275 tons brake holding. Designed for performance and reliability, POSH Arcturus also features advanced towing and anchor-handling gear, a working deck area of 200 m², and accommodation for up to 28 personnel, making it a capable asset for anchor handling, towing, and offshore support missions.

- Length 50.7m X Beam 47.16m
- Deck Area 200m²
- Accommodation for 28 Persons
- Fi-Fi Class 1
- 85 TBP
- Top Speed 13 Knots
- Designed to support various offshore operations, such as towing, positioning and anchor handling.

PRINCIPAL PARTICULARS

YEAR BUILT	2018
FLAG	Singapore
CALL SIGN	9V3418
OFFICIAL NO	398970
BUILDERS	PaxOcean Engineering Zhuhai Co., Ltd.
CLASSIFICATION (ABS)	✱ A1®, ✱ AMS AH, OSV, Towing Vessel, SPS2008 CODE, FiFi Class 1 UWILD, MLC-ACCOM

DIMENSIONS & TONNAGE

LENGTH OVERALL (LOA)	50.7m
LENGTH BP	47.16m
BEAM MOULDED	13.80m
DEPTH MOULDED	6m
DRAFT (DESIGN)	4.5m
DRAFT (MAXIMUM)	4.6m
GROSS TONNAGE	1,385T
NET TONNAGE	415T
DWT 4.5m DRAFT	703T

MAIN PROPULSION & MACHINERY

BOW THRUSTERS	1 x 8T Electric motor-driven tunnel thruster CPP type with Soft Starter
MAIN ENGINE	Yanmar 8EY26, 2 x 3300 BHP @ 750 Rpm
MAIN GENERATORS (Volvo Penta Diesel)	3 x 470kW, 440 V, 3 Phase 60Hz
EMERGENCY GENERATORS (Volvo Penta Diesel)	170kW, 440V, 3 Phase 60Hz
PROPELLERS	CPP in Nozzles
RUDDERS	Unbalanced

SPEED

ECONOMICAL SPEED	10 Knots
MAXIMUM SPEED MINIMUM DRAFT	13 Knots

CRANE & DECK EQUIPMENT

FIXED CRANE	1 x el-hydraulic knuckle crane, 2T @ 9m
DECK CARGO AREA	200m ²
DECK CARGO DIMENSION	16.8m x 9.7m
DECK STRENGTH	5T/m ²
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

ANCHOR HANDLING / TOW EQUIPMENT

TOW/ANCHOR HANDLING WINCH	Electro-Hydraulic Waterfall Winch Double Drum (Brake Holding Capacity @ 275T, Line pull @ 150T)
BRAKE HOLDING CAPACITY	150T, line pull @ 50T
TOW DRUM CAPACITY	300m x 50mm Ø
TOWING WIRES	2 x 1000m x 58mm Ø
ANCHOR HANDLING WIRE	350m x 50mm Ø
SPARE WIRE REELS	150m x 50mm Ø (1st layer) 100m x 50mm Ø
TUGGER WINCH	2 x 10T (Electro-hydraulic winches)
CAPSTAN	2 x 10T (Electro-hydraulic capstans)
WINDLASS	1 x Electro-hydraulic, mooring drum
SHARK JAWS	Hydraulic retractable type (SWL 300T)
TOW PINS	Hydraulic retractable type (SWL 200T)
STERN ROLLER	5.5m x 1.2m Ø (SWL 270T)
STERN OPENING	7m
CARGO FUEL PUMP	75m ³ /hr @ 60m head

CAPACITIES

FUEL OIL	599m ³
POTABLE WATER	311m ³
FRESH WATER	78m ³
ENDURANCE	60 Days

LSA/FFA EQUIPMENT

FIREFIGHTING SYSTEM	FiFi 1
FIFI PUMP	Model SFP 250 X 350 XP
FIFI MONITORS	2 x 1,500m ³ /hr
SPRAY BOOMS	2 x 20m / aluminum spray nozzles
DISPERSANT CAPACITY	(Hydrant-fed, with metering)
AIR/FOAM LIQUID CAPACITY	9.3m ³
RESCUE BOAT / WORK BOAT	1 x 6 POB semi rigid dinghy c/w 25hp outboard engine
LIFE RAFTS	4 x 30 POB Life raft

ACCOMMODATION

BERTH TOTAL	28
CABIN CONFIGURATIONS	6 Singles, 9 Doubles, 1 Quadruple