

AHTS



VESSEL CAPABILITIES

OFFSHORE TOWAGE



STATION KEEPING



POSH COMMANDER

Vessel Information

The POSH Commander, an Anchor Handling Tug Supply (AHTS) vessel with 16,000 BHP, 202.69 tonnes of bollard pull (TBP), and DP2 dynamic positioning, is designed for towing, rig positioning, and anchor handling operations, as well as transporting supplies to offshore oil platforms.

- Length 75.27m X Beam 18m
- Deck Area 516m²
- Accommodation for 30 Persons
- 202.69 TBP
- Fi-Fi Class 1
- Equipped DP2 for precise manoeuvrability
- Top Speed 14 Knots
- Designed to support various offshore operations, such as towing, positioning and anchor handling.

PRINCIPAL PARTICULARS

YEAR BUILT	2011
FLAG	Singapore
CALL SIGN	9V3970
BUILDERS	USC Keihin Shipyard, Yokohama, Japan
OFFICIAL NO	9514286
CLASSIFICATION (ABS)	✘ A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), ✘ AMS, ✘ ACCU, MLC-ACCOM, ✘ DPS-2

DIMENSIONS & TONNAGE

LENGTH OVERALL (LOA)	75.27m
BEAM OVERALL (BOA)	18m
DEPTH MOULDED	8.10m
DRAFT (DESIGN)	6m
DRAFT (MAXIMUM)	6.6m
DISPLACEMENT	6,080T
GROSS TONNAGE	3,261T
NET TONNAGE	978T
DWT 6.6m DRAFT	3,186T

MAIN PROPULSION & MACHINERY

STERN THRUSTER	Kawasaki 1 x Tunnel Thruster @ 800kW (12T)
BOW THRUSTERS	Kawasaki 2 x Tunnel Thruster @ 800kW (12T)
MAIN GENERATORS	Wartsila / 12V32, 2 x 8,000BHP each
SHAFT GENERATORS	AVK (Wartsila), 2 x 2,240kW each
DIESEL GENERATORS	Caterpillar C18 / SR4, 2 x 500kW each
EMERGENCY GENERATORS	Caterpillar C4.4 / LSA 44.2 S7, 1 x 72kW each
PROPELLERS	Wartsila, 4 Bladed, 2 x CP Propellers in fixed nozzles
RUDDERS	Rolls Royce 2 x independent high lift flap type

DYNAMIC POSITIONING EQUIPMENT

DP CLASS / MODEL	DP 2, Convertteam ADP21 - Independent Joystick
POSITION REFERENCES	2 x DGPS, Cyscan, 1 x Mini Rada-Scan, 2 x VRU

CRANE & DECK EQUIPMENT

FIXED CRANE	SWL 5T @ 14m radius (TTS)
MOVABLE CRANE	SWL 4.5T @ 13m radius (Triplex)
DECK CARGO AREA	516m ²
DECK CARGO DIAMENSION	34.4m x 15m
DECK CARGO CAPACITY	1,000T
DECK STRENGTH	10T/m ² (Aft to Fr.16); 5T/m ² (Fr.16-Fr.51)
REEFER POINTS	8(4 x 440v, 4 x 220v)

CAPACITIES

FUEL OIL	1793m ³
POTABLE WATER	590.9m ³
DRILL WATER / BALLAST WATER	705.8m ³
DRY BULK	250m ³ (4 tanks)
ENDURANCE	32 days @ 75% ME Load

DISCHARGING RATES

FRESH WATER/PUMP	1 x 200m ³ /hr@90 m head
FUEL/PUMP	1 x 150m ³ /hr@90 m head

TOW/ANCHOR HANDLING WIRES

MAIN TOW WIRE	1,500m x 76mm Ø
SPARE TOW WIRE	1,500m x 76mm Ø
ANCHOR HANDLING WIRE	1,500m x 76mm Ø

MOORING EQUIPMENT

ANCHOR	2 x HHP Stockless Anchor, 2,138kg
ANCHOR CHAIN	2 x 495m x 46mm Ø
ANCHOR WINDLASS	15T @ 12m/min

SPEED

ECONOMICAL SPEED	10 Knots
MAXIMUM SPEED MINIMUM DRAFT	14 Knots

ANCHOR HANDLING / TOW EQUIPMENT

Tow/Anchor Handling Winch	Rolls-Royce/Reverse Waterfall/1 x SL350W/BSL350W
Stall Pull Capacity	350T
Brake Holding Capacity	450T @ 1 st layer of rope of the drum
Tow Drum Capacity	2,500m x 77mm Ø
Anchor Handling Capacity	2,500m x 77mm Ø
Secondary Winch Capacity	NIL
Storage Reel Capacity	2 x 1,500m x 77mm Ø
Tugger Winch	Rolls-Royce 2 x 10T each
Capstan	2 x 10T each
Shark Jaws	2 x Triplex H-500 (SWL 500T)
Tow Pins	2 x Triplex S-200 (SWL 200T vertical)
Stern Roller	5m x 3m Ø (SWL 500T)
Gypsies	2 x 76mm + 2 x 84mm + 1 x 90mm
Chain Locker	2 x 102m ³

LSA/FFA EQUIPMENT

FIREFIGHTING SYSTEM	FiFi 1
FIFI PUMP	2 x 1,762m ³ /hr
FIFI MONITORS	2 x 1,200m ³ /hr
SPRAY BOOMS	2 x 6m/Fixed nozzle
DISPERSANT CAPACITY	12.19m ³
FOAM CAPACITY	23.53m
RESCUE BOAT & DAVITS	1 x 15man/water-jet/144 hp
LIFEBOATS & DAVITS	2 x 50 POB Lifeboats
LIFE RAFTS	6 x 16 POB Life raft

ACCOMMODATION

BERTH TOTAL	30
CABIN CONFIGURATIONS	14 Singles, 6 Doubles, 1 Quadruples