

AHT



VESSEL CAPABILITIES

OFFSHORE TOWAGE



STATION KEEPING



POSH OSPREY

Vessel Information

The POSH Osprey is a powerful Anchor Handling Tug (AHT) boasting 16,300 BHP and 202-tonne bollard pull (TBP), equipped with a DP1 (Dynamic Positioning) system. Ideal for ocean towing, station-keeping, and salvage operations, POSH Osprey offers exceptional strength and precision in demanding offshore environments. Its robust capabilities make it an excellent choice for heavy-duty towing, reliable station-keeping, and emergency salvage support across vast oceanic conditions.

- Length 75.27m X Beam 18m
- Deck Area 450m²
- Accommodation for 26 Persons
- 202 TBP
- Fi-Fi Class 1
- Equipped DP1 for precise manoeuvrability
- Top Speed 15 Knots
- Designed to support various offshore operations, such as towing, positioning and anchor handling.

PRINCIPAL PARTICULARS

YEAR BUILT	2014
FLAG	Singapore
CALL SIGN	9V9967
BUILDERS	JMU, Japan
OFFICIAL NO	397800
CLASSIFICATION (Bureau Veritas)	✱ A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel, Oil Recovery Capability Class 1, ✱ AMS, ✱ ACCU, TCM, ✱ DPS-1

DIMENSIONS & TONNAGE

LENGTH OVERALL (LOA)	75.27m
BEAM OVERALL (BOA)	18m
DEPTH MOULDED	8.10m
DRAFT (DESIGN)	6m
DRAFT (MAXIMUM)	6.616m
DISPLACEMENT	6,097T
GROSS TONNAGE	3,513T
NET TONNAGE	1,053T
DWT 6.616m DRAFT	3,369T

MAIN PROPULSION & MACHINERY

STERN THRUSTER	Electric Motor Driven Tunnel Thruster (10T)
BOW THRUSTERS	Electric Motor Driven Tunnel Thruster @ 800kW (12T)
MAIN ENGINE	Wartsila / 12V32, 2 x 8,150BHP
MAIN GENERATORS	2 x 400kW, 420 V, 50Hz
SHAFT GENERATORS	2 x 1200kW, 420V, 50Hz
EMERGENCY GENERATORS	60kW, 420V, 50Hz
PROPELLERS	2 x Controllable Pitch Propellers, 4 blade in nozzles
RUDDERS	Rolls Royce 2 x high lift flap type
STEERING GEAR	Rolls Royce 2 x independent, electro-hydraulic rotary type

DYNAMIC POSITIONING EQUIPMENT

DP CLASS / MODEL	Rolls-Royce RRM Icon DP1 - Independent Joystick RRM Icon
POSITION REFERENCES	2 x DGPS

CRANE & DECK EQUIPMENT

FIXED CRANE	Electro-hydraulic, knuckle type, 5T @ 16m radius (TTS)
DECK CARGO AREA	450m ²
DECK CARGO DIMENSION	30m x 15m
DECK STRENGTH	10T/m ² (Fr.-3 to Fr.16); 5T/m ² (Fr.16-Fr.49)
REEFER POINTS	2 x 440v, 2 x 220v)

ANCHOR HANDLING / TOW EQUIPMENT

TOW/ANCHOR HANDLING WINCH	1 x Fukushima, DDW-350H-4M, double drum waterfall type
BRAKE HOLDING CAPACITY	450T @ 1 st layer of rope of the drum
TOW DRUM CAPACITY	2 x 76mm x 1900m
SPARE WIRE REELS	2 x 76mm x 1500m @10T (1st layer)
TUGGER WINCH	2 x 20T @15m/min
CAPSTAN	2 x 15T @15m/min
WINDLASS	1 x Fukushima, Electro-hydraulic, 2 x cable lifters, 2 x warping ends, 2 x mooring drums. 15 tons x 9m/min
SHARK JAWS	2 x Karm fork (SWL 600t)
TOW PINS	2 pairs x Karmoy winch (SWL 300T)
STERN ROLLER	5m x 3m Ø (SWL 450T)

CAPACITIES

FUEL OIL	2280m ³
POTABLE WATER	366m ³
BALLAST WATER	902m ³ / 924.1T
ENDURANCE	45 days towing at sea

SPEED

ECONOMICAL SPEED	10 Knots
MAXIMUM SPEED MINIMUM DRAFT	15 Knots

LSA/FFA EQUIPMENT

FIREFIGHTING SYSTEM	FiFi 1
FIFI PUMP	2 x 1,791m ³ /hr @ pump speed of 1800RPM
FIFI MONITORS	2 x 1,200m ³ /hr @ 11.5 bars
SPRAY BOOMS	2 x 6m/ aluminum boom with nozzle
DISPERSANT CAPACITY	18m ³
AIR/FOAM LIQUID CAPACITY	24m ³
RESCUE BOAT & DAVITS	1 x 6 POB on single point hanging davit type
WORK BOAT & DAVITS	1 x 6 POB with launch davit
LIFE RAFTS	6 x 16 POB

ACCOMMODATION

BERTH TOTAL	26
CABIN CONFIGURATIONS	16 Singles, 5 Doubles