

## ANCHOR HANDLING TOWING VESSEL



### VESSEL CAPABILITIES

#### OFFSHORE TOWAGE



#### STATION KEEPING



# POSH OSPREY

## Vessel Information

POSH Osprey is a 16,300 BHP Anchor Handling Towing (AHT) Vessel with a 202-tonne bollard pull (TBP), equipped with a DP1 (Dynamic Positioning) system. Ideal for ocean towing and station-keeping, POSH Osprey offers exceptional strength and precision in demanding offshore environments.

- Length 75.27m X Beam 18m
- Deck Area 450m<sup>2</sup>
- Accommodation up to 26 Persons
- Fi-Fi Class 1
- Equipped DP1 class
- 202 TBP
- 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
BOLLARD PULL	202T

## 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 <sup>2</sup>
DECK CARGO DIMENSION	30m x 15m
DECK STRENGTH	10T/m <sup>2</sup> (Fr.-3 to Fr.16); 5T/m <sup>2</sup> (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 <sup>st</sup> 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 <sup>3</sup>
POTABLE WATER	366m <sup>3</sup>
BALLAST WATER	902m <sup>3</sup> / 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 <sup>3</sup> /hr @ pump speed of 1800RPM
FIFI MONITORS	2 x 1,200m <sup>3</sup> /hr @ 11.5 bars
SPRAY BOOMS	2 x 6m/ aluminum boom with nozzle
DISPERSANT CAPACITY	18m <sup>3</sup>
AIR/FOAM LIQUID CAPACITY	24m <sup>3</sup>
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