

# AHT



## VESSEL CAPABILITIES

### OFFSHORE TOWAGE



### STATION KEEPING



# POSH FALCON

## Vessel Information

The POSH Falcon is a powerful Anchor Handling Tug (AHT) with an impressive 16,300 BHP and a 205-tonne bollard pull (TBP), equipped with a DP1 (Dynamic Positioning) system. Designed for challenging offshore tasks, POSH Falcon excels in ocean towing, station-keeping, and salvage operations. Its strong and precise performance makes it a top choice for heavy-duty towing, reliable station-keeping, and emergency salvage support in rigorous oceanic conditions.

- Length 75.27m X Beam 18m
- Deck Area 450m<sup>2</sup>
- Accommodation for 26 Persons
- 205 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	2013
FLAG	Singapore
CALL SIGN	9V9964
BUILDERS	JMU, Japan
OFFICIAL NO	397799
CLASSIFICATION (Bureau Veritas)	✕ Hull, ✕ Mach, Offshore Support Vessel (Supply), Oil Recovery Tug, Fire-Fighting 1, Unrestricted Navigation, ✕ AUT-UMS, Mon-Shaft, ✕ ALP, Inwatersurvey, ✕ Dynapos AM/AT

## DIMENSIONS & TONNAGE

LENGTH OVERALL (LOA)	75.27m
BEAM OVERALL (BOA)	18m
DEPTH MOULDED	8m
DRAFT (DESIGN)	6m
DRAFT (MAXIMUM)	6.6m
DISPLACEMENT	6,069T
GROSS TONNAGE	3,513T
NET TONNAGE	1,053T
DWT 6.6m DRAFT	3,381T

## 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	CONVERTEAM Independent Joystick (IJS) ADP-1 system
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 DIAMENSION	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 1500m
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 450T)
TOW PINS	2 pairs x Karmoy winch (SWL 200t)
STERN ROLLER	5m x 3m Ø (SWL 450T)

## SPEED

ECONOMICAL SPEED	10 Knots
MAXIMUM SPEED MINIMUM DRAFT	15 Knots

## 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

## 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	20m <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