

# MPSV



## VESSEL CAPABILITIES

### SUBSEA CONSTRUCTION SUPPORT



### FLEXIBLE AND CABLE LAY



### ACCOMMODATION



# POSH ENDURANCE

## Vessel Info

POSH Endurance is a versatile Multipurpose Support Vessel (MPSV) designed to provide comfortable living quarters for up to 222 personnel. Primarily built as an accommodation vessel, it also offers extensive capabilities in subsea support, flexible pipe, and cable laying operations. Its multi-functional design makes the POSH Endurance an ideal solution for offshore projects, ensuring both high-quality living conditions and operational flexibility.

- Length 88m X Beam 20m
- Deck Area 800m<sup>2</sup>
- Accommodation for 222 Persons
- Electric Hydraulic Lattice Boom
- Fi-Fi Class II
- Equipped DP2 for precise manoeuvrability
- Top Speed 13 Knots
- Versatility: Designed to support a wide range of offshore operations, including subsea construction support, maintenance, and offshore accommodations

PRINCIPAL PARTICULARS	
YEAR BUILT	2014
FLAG	Singapore
CALL SIGN	9V2391
OFFICIAL NO	398970
BUILDERS	PaxOcean Engineering Zhuhai Co., Ltd.
CLASSIFICATION (ABS)	✱ A1, Offshore Support Vessel (FFV 2, SPS), (E), ✱ AMS, ✱ ACCU, ✱ DPS-2, BWT, CRC

DIMENSIONS & TONNAGE	
LENGTH OVERALL (LOA)	88m
LENGTH BP	78.6m
BEAM MOULDED	20m
DEPTH MOULDED	8m
DRAFT (DESIGN)	6m
DRAFT (MINIMUM)	4.6m
GROSS TONNAGE	5,552T
NET TONNAGE	1,665T
DWT 6.0m DRAFT	3,601T

MAIN PROPULSION & MACHINERY	
MAIN PROPULSION	2 x Azimuth Propellers, 1,850kW each
GENERATORS	2 x 1,880kW, 2 x 1,460kW , 1 x 300kW Emergency
BOW THRUSTERS	2 x Transverse tunnel bow thrusters each 1,000kW

DYNAMIC POSITIONING EQUIPMENT	
DP CLASS / MODEL	DP2 / KPOS DP – 21
POSITION REFERENCES	2 x DGPS Veripos 1 x CyScan, 1 x RADIUS

DISCHARGING RATES	
FUEL PUMP	1 x 60 m³/h @ 90 m head
FRESH WATER PUMP	1 x 100 m³/h @ 90 m head
DW/BW WATER PUMP	1 x 100 m³/h @ 85 m head
DIRTY OIL/SLUDGE PUMP	1 x 5m³/h @ 45 m head

CRANE & DECK EQUIPMENT	
MAIN CRANE	(Elect-hydraulic lattice boom - AHC) Main Hoist 100T @ 14m Aux Hoist 15T, with Man Riding
AUXILIARY CRANE	1 x 10T @15m
SPREAD MOORING WINCH (C/W LENGTH /TENSION METERS)	4 Sets, 1,200m x 42mm each Drum Pull (1st Layer): - 40MT @ 10 m/min - 10MT @ 30 m/min Brake Holding (1st Layer): 80T
CAPSTANS	2 x 10T @ 15m/min,
HELIDECK	Cap 437 / Suitable for Sikorsky S-92
ANCHORS	7T Delta Flipper

DECK INFORMATION	
DECK AREA	760m² (Main Deck) 40m² (Mezzanine Deck)
CARGO DECK DESIGN LOAD	10T/m²
MOONPOOL	4m x 4m Reserved Space
REEFER POINTS	4 x 440V, 32Amp (3 phase) 4 x 230V, 16Amp (3 phase)

LSA/FFA EQUIPMENT	
FI-FI (CLASS 2)	2 x FiFi pump capacity is 3,700m³/h @ 140m, 4 Remote operated Monitor , capacity 1800m³/h
RESCUE BOAT & DAVITS	2 x 6 POB, SOLAS Certified
LIFEBOATS & DAVITS	2 x 120 POB, SOLAS Certified
LIFE RAFTS	8 x 32 POB

CAPACITIES	
FUEL OIL	1,500m³
POTABLE WATER	1,000m³
DRILL WATER / BALLAST WATER	2,000m³
SEWAGE HOLDING	57.5m³
DIRTY OIL / BILGE	21.8m³/32.6m³
FOAM	15m³
ANTI-HEEL	200m³

ACCOMMODATION	
BERTH TOTAL	222
MARINE & CATERING CREW	46
PASSENGERS	176
CABIN CONFIGURATIONS	8 Single, 13 Doubles, 47 Quadruples

CABIN SIZES IN COMPLIANCE WITH MLC 2006

ACCOMMODATION SPACES / EQUIPMENT	
PAX & CREW MESS	90 Seats & 16 Seats
TV ROOM	38 Seats
RECREATION ROOMS	12 Seats & 6 Seats
PRAYER ROOM	1 x 10 Persons
DARK ROOM	1 @ Main deck
HOSPITAL	1 x 2 Beds
OFFICE	4 Offices
CONFERENCE ROOM	1 x 12 Seats
GYM ROOM	Multi Gym, Treadmills, Cross Trainers, Dumbbells, Exercise Bikes.
CHANGING ROOM	1 x 240 Lockers
LAUNDRY ROOM	4 x 20Kg Dryer, 4 x 20Kg Washer
WATER MAKER	2 x 50 m³/day
SEWAGE TREATMENT UNIT	1 x 240 Persons

SPEED	
ECONOMICAL SPEED	8 Knots
MAXI SPEED (MIN DRAFT)	13 Knots