

## UTILITY AND MAINTENANCE UNIT



### VESSEL CAPABILITIES

SUBSEA CONSTRUCTION SUPPORT



HOOKUP



ACCOMMODATION



# POSH ARCADIA

## Vessel Information

POSH Arcadia is a DP3 semi-submersible utility and maintenance unit with a capacity for up to 750 personnel on board (POB). It provides a stable, high-capacity offshore working platform, supporting maintenance, hookup, and safety standby operations in challenging offshore environments.

- Length 122.4m X Beam 55m
- Deck Area 1800m<sup>2</sup>
- Accommodation up to 750 Persons
- Fi-Fi Class II
- DP3 Class
- 1 x 150T Liebherr Crane
- 1 x 100T Liebherr Crane
- Versatility: Designed to support a wide range of offshore operations, including subsea construction support, maintenance, hook-up support and accommodation.

PRINCIPAL PARTICULARS	
YEAR BUILT	2016
FLAG	Bahamas
CALL SIGN	C6BJ7
OFFICIAL NO	9639995
BUILDERS	PaxOcean Engineering Zhoushan Co. Ltd, China
CLASSIFICATION (ABS)	A1, Accommodation Service, Column Stabilized Unit, Fire Fighting Vessel Class 2, AMS, ACCU, DPS-3, ENVIRO-OS, HAB(ACCOM), HDC (5T/m <sup>2</sup> ), HELIDK, HLC1.5T/m <sup>3</sup> ), PMP, RRDA, SUSTAIN-1, UWILD

DIMENSIONS & TONNAGE	
LENGTH OVERALL - PONTOON	122.40m
LENGTH INCLUSIVE OF HELIDECK	142.75m
MAIN DECK BREADTH	55m
BEAM MOULDED	45m
DEPTH MOULDED (TOP OF LOWER PONTOON)	7.6m
DEPTH MOULDED (BOTTOM DECK BOX)	24.45m
UPPER DECK HEIGHT (ABOVE BASELINE)	30.45m
DRAFT (TRANSIT) (EXCLUDING THRUSTERS)	5.50m
DRAFT (OPERATION) (EXCLUDING THRUSTERS)	15m
DRAFT (TRANSIT) (INCLUDING THRUSTERS)	8.93m
DRAFT (OPERATION) (INCLUDING THRUSTERS)	18.43m

DYNAMIC POSITIONING EQUIPMENT	
DP CLASS / MODEL	Kongsberg K-POS DP3
POSITION REFERENCES	2x DGPS, 2x RADIUS Interrogators, 2x sets of gangway sensors, 1x Cyscan

CRANE & DECK EQUIPMENT	
STARBOARD CRANE	1 x Liebherr BOS 4200 SWL 100T with 55m boom
PORT CRANE	1 x Liebherr BOS 7500 SWL 150T with 60m boom
WORKSHOP	106m <sup>2</sup>
CLIENT WAREHOUSE	190m <sup>2</sup>
HELIDECK D-VALIE	22.2m
HELIDECK MAX TAKE OFF MASS (MTOM)	12.6T
HELIDECK	Designed for helicopter operations of either Sikorsky S61N or S92
ANCHORS	2 x Harbour mooring anchors

DECK INFORMATION	
DECK AREA	1,800m <sup>2</sup>
MAX DECK LOAD (TRANSIT)	1,800T
MAX DECK LOAD (OPERATION)	1150T
CARGO DECK DESIGN LOAD	5T/m <sup>2</sup>
MOONPOOL	9m x 9m

MAIN PROPULSION & MACHINERY	
GENERATORS	8 x 3,840kW Wartsila 8L32, 690V, 60Hz
EMERGENCY POWER	1 x 1,400kW Emergency Generator, 2 x UPS systems as power back-up for PA, Obstruction lights, safety systems and electronic data processing systems
THRUSTERS (BRUNVOLL)	2 x 2,038kW ASD Thrusters 5 x 2,400kW Retractable Thrusters
BOW TUNNEL THRUSTERS (BRUNVOLL)	2 x 2,400kW

CAPACITIES	
FUEL OIL	3,215m <sup>3</sup>
POTABLE WATER	2,168m <sup>3</sup>
FRESH WATER GENERATION CAPACITY	2 x 150T/Day RO Plant 1 x 40T/Day RO Plant

ACCOMMODATION	
BERTH TOTAL	750
CABIN CONFIGURATIONS	44 Single, 339 Doubles, 7 Quadruples
SERVICE SPACES	Offices, Multi-purpose Room, Helicopter Reception Area, Stores, etc
RECREATIONAL FACILITIES	Gym, Sports Room, Internet/Game Room, Library, Cinema and Lounges
OTHER AMENITIES	Male/Female changing rooms Client office: 62pax Client conference room: 21pax

Complies with Comfort Class

Each cabin fully outfitted with en-suite bathrooms, TV, LAN and phone connections

LSA/FFA EQUIPMENT	
FI-FI (CLASS 2)	2 x Remote operated Monitor, Capacity 3,600m <sup>3</sup> /h
RESCUE BOAT & DAVITS	1 x 15 POB water jet propulsion MOB Boat (max30kt) with electrohydraulic davit
LIFEBOATS & DAVITS	8 x 150 POB Noreq lifeboats with gravity davits
LIFE RAFTS	24 x 35 POB Viking life rafts with gravity davits