

750 POB DP3
SEMI-SUBMERSIBLE
ACCOMMODATION VESSEL

POSH ARCADIA/ POSH XANADU



TECHNICAL SPECIFICATIONS

Particulars given herein are believed to be current but not guaranteed. Owners reserve the rights to amend specifications without notification.

PARTICULARS

Vessel type	Semi Submersible Accommodation Vessel
Builder	PaxOcean Engineering Zhoushan Co. Ltd, China
Classification	ABS, A1, Accommodation Service, Column Stabilized Unit, Fire Fighting Vessel Class 2, AMS, ACCU, DPS-3, HELIDK, SElev, UWILD, HAB(ACCOM), PMP, ENVIRO-OS
Flag	Bahamas
Year built	POSH Xanadu: 2014 POSH Arcadia: 2016

DIMENSIONS

LOA pontoon	122.40m
LOA inclusive of helideck	142.75m
Main deck breadth	55m
Breadth moulded	45m
Depth moulded to top of lower pontoon	7.6m
Depth moulded to bottom deck box	24.45m
Upper deck height above base line	30.45m

OPERATING CONDITIONS

	Transit	Operation
Draft excl thrusters	5.50m	15.0m
Draft incl thrusters*	8.93m	18.43m
Air gap	-	9.45m
Maxdeck load	1800mt	1150mt

*Thrusters are retractable Azimuth thrusters

CAPACITIES

Fuel oil	3,215 m ³
Potable water	2,168 m ³
Fresh water generation capacity	2 x 150T/day RO Plant 1 x 40T/day RO Plant
Workshop	106 m ²
Client warehouse	190 m ²
Deck space	1,800 m ²
Deck strength	5T/m ²
Moonpool	9m x 9m
Lifeboat capacity	8 x 150 persons Noreq lifeboats with gravity davits
Life rafts	24 x 35 persons Viking life rafts with gravity davits
Fast rescue boat	1 x 15 persons water jet propulsion MOB Boat (max 30kt) with electro hydraulic davit
Anchors	2 x Harbour mooring anchors

ACCOMMODATION

390 cabins in the following configuration: Singles: 44 Doubles: 339 Quadruples: 7 Total: 750 beds Complies with Comfort Class Each cabin fully outfitted with en-suite bathrooms, TV, LAN and phone connections	
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: 62 pax Client conference room: 21 pax

HELICOPTER DECK

Designed for helicopter operations of either Sikorsky S61N or S92.

Helideck D-value	22.2m
Maximum Take Off Mass (MTOM)	12.6T

CRANES

1 x Liebherr BOS 4200 SWL 100T with 55m boom (Stbd)
1 x Liebherr BOS 7500 SWL 150T with 60m boom (Port)

MACHINERY

Generators	8 X 3,840kW Wartsila 8L32, 690V, 60 Hz
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

POSITIONING SYSTEM AND PROPULSION

DP system	Kongsberg K-POS DP3 with CyScan Reflectors and RADius Transponders
Thrusters	Brunvoll: 2 x 2,038kW ASD Thrusters; 5 x 2,400kW Retractable Thrusters; 2 x 2,400kW Bow Tunnel Thrusters

TELESCOPIC GANGWAY

1 x 38.5m (Fixed Portion) and +/- 8m (Telescopic Portion)
Marine Aluminum Telescopic Gangway

HOSPITAL

Fully equipped hospital in compliance with offshore standards.

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About Us

Offshore Accommodation (“OA”) division is POSH Group’s fastest growing business unit. We pride ourselves as being more than a vessel operator but a one-stop solutions provider for our clients. We operate a fleet of high-specification vessels that deliver a wide range of accommodation “walk-to-work” solutions for offshore professionals involved in the construction and maintenance of offshore oilfield structures and platforms.

Since entering the market in 2015, we have proven to be a major player, managing two of the world’s largest accommodation vessels, POSH Arcadia and POSH Xanadu. Our stellar track record has earned us top accolades and we are proud to have worked with some of the largest oil and gas companies including Shell, ENI and Petrobras.

Our Vessels

Our deepwater OA fleet comprises of two comfort class DP3 Semi-Submersible Accommodation Vessels (“SSAV”), the sister vessels POSH Arcadia and POSH Xanadu. Equipped with sophisticated machinery redundancy and platform stability, the vessels offer a comfortable and safe living environment, first-class crew welfare amenities and “walk-to-work” capabilities. They also have a proven track record of operating in harsh weather conditions.



Unique six column ship-shaped semi-sub hull shape design

- Column Stabilised
- Able to transform from a fast-moving vessel into an extremely stable semi-submersible platform for various offshore support operations
- Faster transit speed compared to other Semi-submersible vessels of similar size



Strongest Thruster Power Capability

- Self-propelled, with more than 20,000kW power in total
- 9 Brunvoll thrusters in total (5 retractable)
- Excellent station keeping capability - Able to maintain position and keep pace with our clients’ installation which may be moving under the influence of weather elements such as strong winds and waves and current
- Supported by Kongsberg K-POS DP3 system, with Enhanced Follow Target System onboard



Largest 750 POB capacity and flexibility

- Generous 1800m² deck space area rated at 5T/m², serviced by two Liebherr lattice boom-cranes which are certified for man riding
- Large deck space provides clients with ample and versatile working space to suit their needs
- Our large fuel capacity, coupled with a fuel-efficient and well-maintained engine, allows our vessel to operate in normal DP mode for up to 70-80 days without refueling

Our Commitment to Our Clients

Safety is Key

Safety is a top priority for POSH. We have embedded this commitment into our core values with a goal of “One Team, One Goal – Zero Harm”.

We are proud to have achieved zero Lost Time Injuries (LTI) or safety incidents since starting our SSAV operations in 2015.

Our team operates under a rigorous Integrated Management System (“IMS”) of HSEQ policies to safeguard the interest of our clients, subcontractors and crew. We also comply to the International Safety Management (“ISM”) code and other industry benchmarks such as Offshore Vessel Management and Self-Assessment (“OVMSA”) and international standards including ISO 9001.

Operational Excellence

Our team of seasoned onshore and offshore personnel are dedicated to delivering a comprehensive suite of services and world-class service to our clients. We aim to be a partner of choice for our clients by going above and beyond their expectations.

Our OA vessels are capable of operating in harsh working conditions and have achieved close to 100% gangway connection. Any disconnections made have been mainly due to planned gangway maintenance.

Our Past Track Record

2019 - 2020		End Client: Petrobras Project Name/Location: Various Platforms, Brazil Vessel: POSH Xanadu
2019		End Client: Shell Project Name/Location: Shell Gumusut Kakap Turnaround Project, Malaysia Vessel: POSH Arcadia
2018		End Client: Chevron Project Name/Location: Big Foot Project, US Gulf of Mexico Vessel: POSH Xanadu
2017 - 2018		Client: Shell/TechnipFMC Project Name/Location: Prelude FLNG, Australia Vessel: POSH Arcadia
2017		End Client: ENI/Saipem Project Name/Location: Jangkrik Project Muara Bakau, Indonesia Vessel: POSH Arcadia
2015 - 2017		End Client: Petrobras Project Name/Location: UMS Project P50, P53, P54 Brazil Vessel: POSH Xanadu

Information updated as of Jan'2020. For updated track records, please contact us.

Client's Feedback

“One thing which struck me while working with you guys on the Xanadu, was the diverse bridge team of Mexicans, Singaporeans..., all mariners working seamlessly together as one strong team to make this happen safely”.

– Operations Manager of
Chevron Big Foot Project

“It’s been, as far as I know, the best performance ever in UO-Rio and that is crucial in order to keep the asset’s integrity. POSH is on a very good track”.

– General Manager of
Petrobras UMS Project