

NPP NUSANTARA

General Description

Designed and built to a high specification for its class, the NPP Vessel is equipped with an inbuilt 200m ABS Classed 15-man Saturation Diving system, SPHLB and a 3-man bell deployed through a moonpool plus a dual LARS Air Diving system and the option of either Inspection Class and/or Work Class ROV Systems.

The Vessel has a 50mT active heave-compensated knuckle-boom subsea crane, that provides true operating capability down to 1,500m water depth. The vessel accommodates up to 120 personnel, has approximately 600m² clear deck space and an elevated helipad at the bow.

NPP NUSANTARA is ideal for all of your Saturation and ROV Construction Support projects, Inspection Repair and Maintenance (IRM) work as well as Survey and Wellhead Servicing projects.



Bintang Subsea is a member of the Shelf Subsea group of companies. Bintang Subsea and Shelf Subsea are IMCA members.

Whatever the scope of work, NPP Nusantara can be relied upon to complete the project and meet your requirements, with our Commitment without Compromise.

All vessel details are presented herein in good faith and are believed to be correct at time of publication. Vessel specifications are subject to change without notice. Revision date 18th August 2017.

Detailed Specification

Owner	: PT Nusa Perkasa Permai
Class	: ABS
Class Notation	: ABS + A1 + AMS Offshore Support Vessel + DPS-2
IMO No. / Call Sign	: 9483061 / V7SK7
OVID ID	: OS-MH-1-9483061-G
Special Purpose Ship	: SPS Code Compliant
Built Date/Location	: 2010 / Drydocks World, Singapore
Registered Port / Flag	: Batam/ Indonesia
Dynamic Positioning	: Convertteam DPS-2 DP system
DP References	: Dual DGPS, 3 x Gyro, 2 x MRU, Sonardyne HPR acoustic system, FanBeam c/w multiple reflectors, Taut Wire System (500m water depth)
Hull Dimensions	: LOA 80.0m, B 20.4m, D (molded) 8.0m
Draft (design/max)	: 5.5m / 5.5m
Tonnage	: Gross 5,001mT / Deadweight 1,501mT @ 5.5m Draft
Speed	: Max 12 Knots / Economical 10 Knots
Fuel Oil Capacity	: 900m3 (Marine Gas Oil)
Potable Water Cap	: 900m3
Main Propulsion	: 2 x 2500kW electric driven Voith Schneider propellers
Bow Thruster	: 3 x 600kW electric driven Schottel bow thrusters
Main Generators	: 4 x 1825kW @1800 rpm Caterpillar 3516B
Auxiliary Generator	: 1 x 590kW @ 1800 rpm Caterpillar 3412C
Emergency Generator	: 1 x 650kW @ 1800 rpm Caterpillar 3508B
Deck Cargo	: 1000mT on aft deck
Clear Deck Space	: ~600m2 @ 5.0T/m2 uniform loading
Main Deck Crane	: 1 x 50mT SWL AHC Knuckleboom subsea crane (1,500m water depth)
Auxiliary Crane	: 1 x 5mT @ 7m electro-hydraulic subsea and cargo crane (300m WD)
Heli Deck	: D= 22m, T= 12.8mT, Super Puma
Accommodation	: 120 Berths (12 x 1-man, 6 x 2-man, 24 x 4-man) + Hospital (1 x 2-man)
Mess	: 1 x Mess Room with seating for approximately 70 persons
Recreation	: 1 x TV / Recreation Room, 1 x Gymnasium,
Offices	: 1 x Conference, 1 x Client, Survey room with access to Fwd & Aft bridge
SAT Diving System	: 15 x Man Saturation Diving System with SPHL (18 x Divers & 4 x Crew) 3 x Man Diving bell (deployed through moonpool) Below decks HeO2 storage (15,000m3 x 205 bar) and on deck O2 storage DGRS and chamber gas reclaim systems
Air Diving System	: Dual LARS, Air DDC and below decks control room ROV Systems Inspection Class and/or Work Class ROV Systems Communications Computer network, 24hrs VSAT telephone, email and internet GMDSS: Furuno RC-1800mT (Area 3) comprising of: SSB: 1 x Furuno FS-2570 with built-in DSC watch receiver Inmarsat C: 1 x Furuno Felcom 15 Internet: Fleet 77 satellite internet VHF Radio: 2 x Furuno Fm 8500 with built-in DSC watch receiver Navtex Receiver: 1 x Furuno NX 500 (518 khz)

