



## “DP2 Horizon Nomad”



### Survey Capabilities

WROV	Shark G3R
MBES	NORBIT iWBMSH
USBL	HiPap 350 and Sonardyne Scout
SBES	SIMRAD EA400
SSS	Edge Tech 4200
Magnetometer	Seaspy
3 x shallow survey boats c/w	MBES, SBES, SBP, SSS
Shallow Soil Sampling	Drop Corer

### General Data

Type	DP11
LOA	60.00m
LBP	55.00m
Breadth	13.30m
Depth	5.00m
Draft	3.80m
Classification Society	American Bureau of Shipping (ABS)
Class Notations	✱A1, Offshore Support Vessel, (E), ✱AMS, ✱DPS-2
Additional Notations	CRC
Moonpool	4.80m x 4.80m
Full Deck Area	Working area: 334 sqm
Deck Strength	5T/M2
Year of Build	2014
Yard	ASIMAR Bangkok

### DP Equipment

DP11	KPOS 21
LTW	Bandak

### Main Engine / Generator

Main Engine	2 x Caterpillar 3512B-1174kW @1600 rpm
Propulsion	2 x HRP AZIMUTH THRUSTER UNITS, HRP6000 TYPE HRP6111WM
Bow Thruster	2 xHRP 400C TT rate 350 kwx 1500rpm
Main Generator	4 x Cummins-STAMFORD 425kW/440 V/ Hz/3 Ph
Emergency	1 x Cummins-STAMFORD 64kW / 440 V/ 60 Hz/3 Ph

### Deck Equipment

Anchor	2 x Stockless bower anchor 1590 kgs
Anchor Windlass	Electro-hydraulic Combination Double gypsy Windlass/Mooring Winch
Boat Crane	Electro-hydraulic telescopic SWL 5t 360 deg outreach approx. 6m
Deck Crane	MCT 35T @8m 12T @ 18m

### Auxilliary Machinery

Fresh Water Maker	2x5T/Day Reverse Osmosis
Sewage Treatment	1 x 52 men Vacuum, biology type
Oily Water Separator	1x1.0m <sup>3</sup> /hr with automatic 15ppm alarm
FO Purifier approx.	2 x 900 Ltr/Day
FO Capacity	489.1 m <sup>3</sup> @ 100% (415 m <sup>3</sup> @ 85%)
FW Capacity	155 m <sup>3</sup>
Ballast Water Capacity	377.9 m <sup>3</sup>
Main Pump	1 x 25m <sup>3</sup> /hr @ 20 mh FO Transfer Pump 1 x 25m <sup>3</sup> /hr @ 35mh FW Transfer Pump 2 x 35m <sup>3</sup> /hr @ 40mh Bilge/Ballst/GS Pump

### Navigation Equipment

Radar	2x Radar (X-BAND and S-BAND)
Echo Sounder	Recording type colour echo sounder
DGPS	Integrated with DP2 system
Gyro Compass	3 x Gyro Compass with microprocessor controlled digital and repeater
Magnetic Compass	Reflector type
SSAS	Fitted
AIS	Fitted
GMDSS AREA	3 x Fitted
A1+A2+A3	
VHF radio telephone with DSC	
Inmarsat-C	
NAVTEX Receiver	AC110/220V
Portable VHF units	Suitable for GMDSS TWO-WAY complete battery charger
Telephone System Station	Intercom system for all cabins, public space, service space and etc.
Talk Back and Public Address	W 2xtalk back 16 line, 220 VAC, According to SOLAS
Engine telegraph	Fitted in wheelhouse console for communication between Bridge and Engine Room
Sound power telephone	9 stations

### Accommodation

6 x Single Berth
22 x Double Berth
1 x Hospital Room
Total = 50+2