

## 7-OCEANS

Seismic Research Support Vessel



### Specification Sheet

#### Main Particulars

Builder:	Maaskant Shipyards
Year built:	2014
Flag:	Panama
IMO Number:	9714173
MMSI:	355843000
Call Sign:	HP 4534
Minimum Safe Manning:	5
Classification:	Lloyds Register
Notation:	✱100A1, Seismographic Support Ship *IWS, Ice Class 1E, [✱] LMC, UMS

#### Dimensions

L.O.A.:	35.00m
Breadth:	8.7m
Dept:	4.25m
Draught:	3.60m
Nett Tonnage:	101t
Gross Tonnage:	338t

#### Performance

Max Speed:	12 knots
Approx. Consumption at Max Speed:	7.2-7.5 m <sup>3</sup>
Eco Speed:	10 knots
Approx. Consumption at Eco Speed:	4.0 m <sup>3</sup>
Type(s) and Grade(s) of Fuel Used:	MGO low Sulphur
Endurance:	100 -125 days

#### Machinery

Generators:	3x Caterpillar C18TA SCAC each 465 Kva
Bow Thruster(s):	Veth VT 80, 90 kW
Propellers/Rudders:	2x Thrusters 650 BHP (959.8kW)

#### Deck Equipment

Deck Crane SWL/Length:	2T@ 10.5m / 8T@ 2.8m
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#### Communication Equipment

Trading Area:	A1,A2,A3,A4
GMDSS:	2 x Sailor 6310 (DSC)
VHF Radio:	Sailor, 2x RT 6222 & 1x RT6248
Portable VHF:	2x Jotron TR 20
Immarsat Sat-C:	1x Sailor 6006
AIS:	1x Furuno FA-150
EPIRB:	1x Jotron Tron-40S MKII
Iridium:	Pilot open port
V-Sat:	Sailor 900 Ku-Band

#### Navigation Equipment

Radars:	2x Furuno FAR-2117
Magnetic Compass:	1x Cassens & Plath
Satelite Compass:	1x Furuno SC50
Automatic Pilot:	1x Simrad AP80
GPS Navigation:	1x Furuno GP-170 1x Furuno GP-33
Echo Sounder:	1x Furuno FE 700
Navtex:	1x Furuno NX700B
Electronic Charts:	Maris ECDIS 900 dual
Gyro Compass:	1x Anschütz BST 2233

#### Bunker/Towing/Storage capacity

Fuel Oil:	150m <sup>3</sup>
Fuel Transfer:	4" TODO
Fresh Water:	50m <sup>3</sup>
F.W. Maker:	5.3m <sup>3</sup>

#### Storage capacity

Cool store:	8m <sup>3</sup>
Freeze Store:	4.3m <sup>3</sup>
Clear Deck:	103.3m <sup>2</sup>

#### Accommodation

Crew:	2 single berth cabins, 3 double berth cabins
Passengers:	2x4 berth's cabins
Total:	16

#### Safety Equipment

Life rafts:	4x 16 persons (SOLAS)
FiFi:	2x General service pump 25m <sup>3</sup> 1x Portable emergency fire pump

#### Special Features

Towing Hook:	1x Mampeay Quick release Disc type 25t
Bollard Pull:	16.7t