

“7-STARS”

Seismic Research Support Vessel



SPECIFICATION SHEET

Main Particulars

| | |
|-----------------------|------------------------------------------------------------------------|
| Builder: | Maaskant Shipyards |
| Year built: | 2015 |
| Flag: | Panama |
| IMO Number: | 9721956 |
| MMSI: | 354742000 |
| Call Sign: | HP 6219 |
| Minimum Safe Manning: | 5 |
| Classification: | Lloyds Register |
| Notation: | *100A1, Seismographic Support Ship *IWS, Ice Class 1E, [X] 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 ³ |
| Eco Speed: | 10 knots |
| Approx. Consumption at eco Speed: | 4.0 m ³ |
| Type(s) and Grade(s) of Fuel Used: | MGO low Sulpher |
| Endurance: | 100 -125 days |

Machinery

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|---------------------|-----------------------------------------|
| Generators: | Caterpillar: 3x C18TA SCAC each 465 Kva |
| Bow Thruster(s): | Veth VT 80,122 bhp |
| Propellers/Rudders: | 2x Thrusters 600 BHP (959.8kW) |

Deck Equipment

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|------------------------|---------------|
| Deck Crane SWL/Lenght: | 1x 2t@ 10.5 m |
|------------------------|---------------|

Communication Equipment

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|------------------------|--------------------------------|
| Trading Area: | A1,A2,A3,A4 |
| GMDSS: | Sailor 6310 (DSC) |
| VHF Radio: | Sailor, 2x RT 6222 & 1x RT6248 |
| Portable VHF: | 4x Entel HT 644 |
| GMDSS Marine VHF Radio | 2x Jotron TR 30 |
| Immarsat Sat-C | 1x Sailor 6110 |
| AIS | 1x Furuno FA-150 |
| EPIRB | 1x Jotron Tron-40S MKII |
| Iridium | Pilot open port |
| V-Sat | Sailor 900 Ku-Band |

Navigation Equipment

| | |
|-------------------|-------------------------------------|
| Radar's: | 2x Furuno FAR-2117 |
| Magnetic Compass: | 1x Cassens & Plath |
| Satelite Compass: | 1x Furuno SC50 |
| Automatic Pilot: | 1x Simrad AP80 |
| GPS Navigation | 1x Furuno GP-150 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 ³ |
| Fuel Transfer | 4" TODO |
| Fresh Water | 50 m ³ |
| F.W. Maker | 5.3m ³ /day |

Storage capacity

| | |
|--------------|---------------------|
| Cool store | 8m ³ |
| Freeze Store | 4.3m ³ |
| Clear Deck | 103.3m ² |

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 ³ |
| | 1x Portable emergency fire pump |

Special Features

| | |
|--------------|-------------------|
| Towing Hook | 1x Mampeay 18/25t |
| Bollard Pull | 17.5t |