



# SovereignGlobal Solutions Middle East

## 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<br>*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 Sulpher        |
| Endurance:                         | 100 -125 days          |

#### Machinery

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

#### Deck Equipment

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

#### Communication Equipment

|                         |                                |
|-------------------------|--------------------------------|
| 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<br>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:   | 50 m <sup>3</sup>      |
| F.W. Maker:    | 5.3m <sup>3</sup> /day |

#### 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<br>25m <sup>3</sup> |
|             | 1x Portable emergency fire pump             |

#### Special Features

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