

SUNRISE-G

Seismic Research Support Vessel



Specification Sheet

Main Particulars

| | |
|-----------------------|--|
| Builder: | Sealink Shipyard SDN BHD |
| Year built: | 2014 |
| Flag: | Panama |
| IMO Number: | 9628518 |
| MMSI: | 354131000 |
| Call Sign: | 3FKF6 |
| Minimum Safe Manning: | 9 |
| Classification: | RINA |
| Notation: | C $\frac{H}{S}$ SPS code; Offshore Support Vessel - supply |

Dimensions

| | |
|----------------|--------|
| L.O.A.: | 59.90m |
| Breadth: | 16.50m |
| Dept: | 6.80m |
| Draught: | 5.40m |
| Nett Tonnage: | 658t |
| Gross Tonnage: | 2194t |

Performance

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|------------------------------------|-----------------|
| Max Speed: | 12 knots |
| Eco Speed: | 10 knots |
| Type(s) and Grade(s) of Fuel Used: | MGO low Sulphur |

Machinery

| | |
|-------------------|--|
| Main engine: | 2x Caterpillar 2100 BHP @ 1600 RPM |
| Aux. Engines: | 3x Cummins 250kW |
| Propeller: | 2x CPP in Fixed Nozzles |
| Rudder: | 2x Becker Rudder |
| Bow Thruster: | 1x 9t Tunnel Thruster 596 kW |
| Diesel Gen Set: | 1x Leroy-Somer 800kW |
| Emergency Gen Set | 1x Cummins 80kW/100kW @ 1500 RPM 240/415V, 50HZ |

Deck Equipment

| | |
|------------------|-------------------------------------|
| Deck Crane: | 9.8 t @ 16.5m |
| Anchor Windlass: | Suit for 42mm Dia. 7.5 t x 15 m/min |
| Capstan: | 2 x 5 t |
| Workboat Davit: | Vestdavit 12 t SWL |
| Twin Hose Reel: | 1 x 240m, 4" hose with 4" TODO |
| Cable Reel: | 1x 8000m |
| Reefers: | 3 x 20ft, 415V/3ph/50Hz |
| Towing Hook: | 65 t SWL |
| Yoko Fenders: | 2 x 4.0 x 2.5 |

Safety Equipment

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|--------------|--|
| Rescue Boat: | 6 Person Rigid-hull on A Frame Davit |
| Life Rafts: | 2x Life Raft for 16 Persons 6x Life Raft for 25 Persons |
| FiFi: | Fire Fighting System -EES.600 / 150 |

Communication Equipment

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|--------------------|---------------------------|
| GMDSS: | A1+A2+A3 |
| SBB Radio: | 1x Furuno, FS-2575 c |
| MF/HF Radio: | 1x Furuno, FS 2575 |
| VHF Radio: | 4x Furuno, Fm.8900 s |
| Portable VHF: | 3x Ocean signal-Sea-V-100 |
| Inmarsat Sat-C: | 2x Furuno-felcom-18 |
| AIS: | 1x Furuno-FA-150 |
| E.P.I.R.B. | 1 x Jotron Tron 60AIS |
| Internet Broadband | Starlink System |

Navigation Equipment

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|--------------------|----------------------------------|
| Radars: | 2x Furuno-FA-2117 |
| GPS Navigation: | 2x Furuno-GP-170 |
| Echo Sounder: | 1x Furuno-FE-700 |
| Navtex: | 1x Furuno-NX-700 B |
| Gyro Compass: | Yokogawa-CMZ900 |
| Magnetic Compass: | 1x Lilley & Gillie-SR4-139900010 |
| Auto Pilot Fwd: | Simrad AP70 |
| Auto Pilot Aft: | Simrad AP70 |
| Electronic Charts: | Wartsila NAVI Sailor 4000 ECDIS |
| Anemometer: | Wind sensor Young 05106 |

Bunker/Storage capacity

| | |
|-------------------|---------------------|
| MGO: | 447 m ³ |
| Cargo Fuel: | 999 m ³ |
| Fresh Water: | 507 m ³ |
| Dirty Oil: | 13.4 m ³ |
| Lube Oil Storage: | 21.2 m ³ |
| Sewage Holding: | 30.3 m ³ |
| Grey Water: | 31.1 m ³ |
| Sludge: | 19.1 m ³ |
| Thermal Fluid: | 10.6 m ³ |
| Cool store: | 28.5 m ² |
| Freeze Store: | 28.5 m ² |
| Dry Storage: | 28.5 m ² |
| Clear Deck: | 300 m ² |

Accommodation

| | |
|-------------------|------------------------------------|
| Cabins: | 7x 1 pers, 4x 2 pers 11x 4 pers |
| Total bunks: | 59 |
| Mess Room: | 1 |
| Recreation Room: | 1 |
| Office: | 2 |
| Changing Room: | 1 |
| Hospital 2 bunks: | 1 |

Special Features

| | |
|---------------|------|
| Ballard Pull: | 60 t |
|---------------|------|