

Specifications



Sunrise-G

Seismic Research Support Vessel

Main Particulars

Builder:	Sealink Shipyard SDN BHD
Year built:	2013
Flag:	Panama
IMO Number:	9628518
MMSI:	354131000
Call Sign:	3FKF6
Minimum Safe Manning:	9
Classification:	RINA
Notation:	C ✕, SPS

Dimensions

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

Performance

Max Speed:	12 knots
Approx. Consumption at Max Speed:	13.7m ³
Eco Speed:	10 knots
Approx. Consumption at eco Speed:	6.4m ³
Type(s) and Grade(s) of Fuel Used:	MGO low Sulphur
Endurance:	60 days

Machinery

Generators:	1x Lerou-Somer 800kW
Emergency Generator:	1x Cummins 80kW/100KVA 240/415v 50HZ
Main engine:	2x Caterpillar 2100BHP@1600RPM
Aux. Engines:	3x Cummins 250kW
Propeller:	2x CPP in Fixed Nozzles
Rudder:	2x Becker Rudder
Bow Thruster:	1x 9t Tunnel Thruster 596kW

Deck Equipment

Deck Crane:	25t@7.5m
Windlass	25t@7.5m
Capstan	2x 5t
Workboat Davit:	Vestdavit 12t SWL
Twin Hose Reel	2x 240m, 5" hose with 4" TODO
Cable Reel:	1x 8000m
Reefers:	3x 20ft, 15V/3ph/50Hz
Towing Hook:	65t SWL
Yoko Fenders:	2x 4.0 x 2.5

Special Features

Bollard Pull:	52t
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Communication Equipment

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.	1x EPIRB-Ocean Signal-Sea-E-100

Navigation Equipment

Radars:	2x Furuno-FA-2117
GPS Navigation:	2x Furuno-GP-150
Echo Sounder:	1x Furuno-FE-700
Navtex:	1x Furuno-NX-700 B
Gyro Compass:	Yokogawa-MK-R050G
Magnetic Compass:	1x Lilley & Gillie-SR4-139900010
Auto Pilot Fwd:	Kobel-AP- 70
Auto Pilot Aft:	Kobel-AP- 70
Electronic Charts:	Chart planner 3.3
Anemometer:	1x 06206 & 05106

Bunker/Storage capacity

MGO	447m ³
Cargo Fuel:	995m ³
Fresh Water:	611.3m ³
Dirty Oil:	12m ³
Lube Oil Storage:	19m ³
Sewage Holding:	27.2m ³
Grey Water:	28m ³
Sludge:	17.2m ³
Thermal Fluid:	9.5m ³

Storage capacity

Cool store:	28.5m ³
Freeze Store:	28.5m ²
Dry Storage:	28.5m ³
Clear Deck:	300m ²

Accommodation

Berths:	59
Cabins:	21
Hospital:	1

Safety Equipment

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