

Specifications



Mariska-G

Seismic Research Support Vessel

Main Particulars

Builder:	Wuhu Xinlian Shipbuilding
Year built:	2014
Flag:	Panama
IMO Number:	9690250
MMSI:	353121000
Call Sign:	3EZX8
Minimum Safe Manning:	9
Classification:	Bureau Veritas
Notation:	✕ HULL ✕ MACH, ✕ AUT-UMS, ✕ Dynapos AM/AT R Supply vessel, Fire fighting ship, Oil recovery ship, Tug LHNS SP58, Unrestricted navigation

Dimensions

LOA:	64.0m
Breadth:	16.0m
Depth:	6.50m
Draught (Summer):	5.40m
Net Tonnage:	701t
Gross Tonnage:	2339t

Performance

Max speed:	13 knots
Eco speed:	10 knots
Type(s) and Grade(s) of Fuel Used:	MGO Low Sulphur

Machinery

Main engine:	2x Yanmar 6EY26 1920kW
Azimuth:	2x Schottel SRP 1515 CP
Bow Truster:	2x 10 Ton Schottel STT3CP
Diesel Gen Set	3x 450kW Caterpillar C18
Shaft Generator:	2x 1012kW Stamford
Emergency Gen Set	1x 118kW Caterpillar C6.6

Deck Equipment

Anchor Windlass:	2x 10t@9m/min
Mooring winch:	2x 6t@15m/min
Capstan:	2x 5t@15m/min
Tugger winch:	2x 10t@15m/min
Reefer container:	3x 20 feet, 415V/3ph/50Hz
Twin hose reel:	2x 240m 4" hose with 4" TODO
Streamer reel:	1x 8000m
Towing hook:	65t SWL
Bollard pull:	61.63t (Maximum static pull)
Deck Crane:	1x 3t@13m/5t@9m
Workboat Davit:	Vestdavit SWL 15t
Yoko Fenders:	2x Noreqfender 4m x 2.5m

Safety Equipment

Life rafts:	8x 25 persons
FRC water jet @ 20 knots with auto-tension davit	1x 10 persons

FiFi System

Fire pump:	2x units
Monitor:	2x units

Communication Equipment

GMDSS:	A1+A2+A3
Radio Station Inmarsat C:	2 sets (Furuno)
Sound Powered telephone:	1 set (Furuno)
PA/Talkback:	1 set
Portable VHF:	3 sets
Sat Comm.:	Broadband / VSAT / Iridium

Navigation Equipment

Radars:	1x Furuno X-band, S-band & Slave
Gyro Compass Repeaters:	6 units
Magnetic Compass:	1x Tokyo Keiki
Echo Sounder:	1x Furuno FE-700
	1x Furuno RD-20 (repeater)
GPS Navigation:	1x Furuno GP-150
Doppler Log	1x Furuno DS-60
	1x Furuno RD-20 (repeater)
Auto Pilot:	1x NautoPilot NP60
Navtex:	1x Furuno NX-700
EPIRB:	1x Jotron
SART:	2x McMurdo S4
AIS:	1x Furuno FA-150
BNWAS:	1x Steinsohn

Bunker/Storage capacity

MGO:	590.36m ³
MGO Cargo:	999.52m ³
Fresh Water:	320.24m ³
Ballast Permanent FW:	617.08m ³
Dirty Oil:	11.81m ³
Dirty Oil Cargo:	17.47m ³
Lube Storage:	19.68m ³
Sewage Holding:	12.68m ³
Bilge:	11.81m ³
Clear Deck:	350m ²

Cargo Handling Equipment

Cargo FO pump:	1x 150m ³ /h @75m
Cargo FW pump:	1x 150m ³ /h @75m

Accommodation

Cabins:	6x 1 pers
	4x 2 pers
	11x 4 pers
Total bunks:	58
Gym Room:	1
Mess Room:	1
Recreation Room:	1
Office:	1
Changing Room:	1
Hospital 2 bunks:	1

Dynamic Positioning System

L3 Dynamic Positioning & Control System with	
DGPS:	2x Fugro
R&B:	1x Cyscan
Gyro Compass:	3x Tokimec
VRU:	2x TSS
Wind Sensor:	3x RM Young
UPS:	2 units