

**“MARIANNE-G”**  
Seismic Research Support Vessel



**SPECIFICATION SHEET**

**Main Particulars**

|                       |                         |
|-----------------------|-------------------------|
| Builder:              | Yantai Salvage Shipyard |
| Year built:           | 2008                    |
| Flag:                 | Panama                  |
| IMO Number:           | 9520144                 |
| MMSI:                 | 357982000               |
| Call Sign:            | 3FTA9                   |
| Minimum Safe Manning: | 9                       |
| Classification:       | RINA                    |
| Notation:             | C ⚡, ICE CLASS IC       |

**Dimensions**

|                |        |
|----------------|--------|
| L.O.A.:        | 57.40m |
| Breadth:       | 13.80m |
| Dept:          | 5.0m   |
| Draught:       | 4.0m   |
| Nett Tonnage:  | 428t   |
| Gross Tonnage: | 1428t  |

**Performance**

|                                    |                   |
|------------------------------------|-------------------|
| Max Speed:                         | 12 knots          |
| Approx. Consumption at Max Speed:  | 11m <sup>3</sup>  |
| Eco Speed:                         | 9.0 knots         |
| Approx. Consumption at eco Speed:  | 8.0m <sup>3</sup> |
| Type(s) and Grade(s) of Fuel Used: | MGO low Sulphur   |
| Endurance:                         | 30 days           |

**Machinery**

|                  |   |
|------------------|---|
| Generators:      | 2x NTA855-G1(M), 240 kW                       |
| Shaft Generator: | 1x Stamford HC.64J, 600 kW                    |
| Main engine:     | 2x 6EY26, (2x 1471 kW)                        |
| Propeller:       | 2x bronze 4 blades CPP<br>with Kort nozzle    |
| Rudder:          | 2x independent                                |
| Bow Thruster:    | 1x Wuhan Kawasaki Marine, 6 Ton thrust, 400kW |

**Deck Equipment**

|                  |  |
|------------------|--|
| Deck Crane(s):   | Heila HLRM 230 4 SLK<br>10t @16m<br>Y160L-4H - 2t@8m |
| A Frame:         | 1x Vestdavit 10t SWL                                 |
| MOB Davit:       | 1x Jiangyin Neptune Marine, 1,4t SWL                 |
| Anchor Windlass: | 1x 5t@5m/min   |
| Tugger Winch:    | 1x 0.5t@15m/min                                      |
| Mooring Winch:   | 1x 5t@5m/min   |
| Capstan (Aft):   | 2x 5t@10m/min  |
| Fuel Hose Reel:  | 230m   |
| Towing Winch:    | 1x Hydraulic, 800m<br>50t@5m/min                     |
| Bollard Pull:    | 38,5t  |

**Communication Equipment**

|                 |  |
|-----------------|--|
| GMDSS:          | A1,A2,A3,A4  |
| SBB Radio:      | 1x Furuno FS-2570  |
| MF/HF Radio:    | 1x Furuno FS-2570  |
| VHF Radio:      | 2x Furuno 8800D<br>2x Furuno 8800S<br>1x Icom model IC-M304<br>1x Icom model IC-M323 |
| Portable VHF:   | 2x McMurdo Marine R1 GMDSS<br>1x Jotron Tron TR20                                    |
| Inmarsat Sat-C: | 1x Furuno Felcom 15 / IB-583   |
| T.O.R.:         | 2x Furuno  |
| Iridium:        | 1x Iridium Open Port   |
| AIS:            | 1x Furuno FA-150   |
| E.P.I.R.B.      | 1x JORTON/TRON60S  |
| UHF Radio:      | 2x ENTEL   |

**Navigation Equipment**

|                   |   |
|-------------------|---|
| Radars:           | 1x Furuno FAR-2125 / RDP-124<br>1 x Furuno FAR 2117 |
| GPS Navigation:   | 1x Furuno GP-50                                     |
| Echo Sounder:     | 1x Furuno FE-700                                    |
| Navtex:           | 1x Furuno NX700B                                    |
| Weather Fax:      | 1x Furuno Fax-207                                   |
| Speed Log:        | 1x Furuno DS-80                                     |
| Gyro Compass:     | 1x Anschutz STD 22                                  |
| Magnetic Compass: | 1x Tokimec SH                                       |
| Sat Compass:      | 1x JRC, JLR-21                                      |
| Auto Pilot:       | 1x Anschutz NautoPilot NP 2015                      |
| Raster Charts:    | 1x Transas Navigator                                |

**Bunker/Storage capacity**

|                    |  |
|--------------------|--|
| MGO:               | 226m <sup>3</sup>                                  |
| Cargo Fuel:        | 700m <sup>3</sup>                                  |
| Fuel Transfer:     | 4" TODO  |
| Balast Water:      | 278m <sup>3</sup>                                  |
| Fresh Water:       | 62m <sup>3</sup>                                   |
| Fresh Water Maker: | 4.8m <sup>3</sup> /24hr<br>2.5m <sup>3</sup> /24hr |

**Storage capacity**

|                  |                                  |
|------------------|----------------------------------|
| Freezer/Chiller: | 10" / 17" container (cargo hold) |
| Dry Storage:     | 150m <sup>2</sup> (cargo hold)   |
| Clear Deck:      | 300m <sup>2</sup>                |
| Reefers:         | 3x 20ft on deck                  |



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### SPECIFICATION SHEET

#### Safety Equipment

Life rafts: 6x 25 pers  
MOB Boat: 1x Rigid Rescue Boat, 6 pers  
with inboard engine DV24RME

#### Accommodation

Berths: 3x 1 pers  
4x 2 pers  
3x 3 pers  
3x 4 pers  
1x 6 pers  
Total bunks: 38