

## “LINDE-G”

Seismic Research Support Vessel



### SPECIFICATION SHEET

#### Main Particulars

|                       |   |
|-----------------------|---|
| Builder:              | De Hoop Engineering BV                        |
| Year built:           | 2018  |
| Flag:                 | Marshall Islands                              |
| IMO Number:           | 9731298                                       |
| MMSI:                 | 538008216                                     |
| Call Sign:            | V7A2093                                       |
| Minimum Safe Manning: | 6   |
| Classification:       | Lloyds Register                               |
| Notation:             | ⚡100A1 SSC Patrol, MONO, G6, MCH, UMS, DP(AM) |

#### Dimensions

|                |        |
|----------------|--------|
| L.O.A.:        | 57.65m |
| Breadth:       | 9.0m   |
| Dept:          | 4.50m  |
| Draught:       | 3.1m   |
| Nett Tonnage:  | 148t   |
| Gross Tonnage: | 496t   |

#### Performance

|  |  |
|--|--|
| Max Speed:                                     | 19.5 knots   |
| Approx. Consumption at Max Speed:              | 0.6m <sup>3</sup>  |
| Eco Speed:                                     | 13 knots   |
| Approx. Consumption at eco Speed:              | 0.130m <sup>3</sup>  |
| Guard / Standby                                | 5 knots  |
| Approx. Consumption at Guard / Standby duties: | 0.033m <sup>3</sup>  |
| Type(s) and Grade(s) of Fuel Used:             | MGO low Sulpher  |
| Endurance:                                     | 30days   |
| Fuel economy:                                  | Hull Vane fitted Diesel electric drive consumes approx. 75kW at 5hrs fuel consumption monitoring |

#### Machinery

|                  |  |
|------------------|--|
| Main engine:     | 2x 2350 kW Caterpillar 3516C<br>Diesel-Electric drive 2x 350kW |
| Propellers:      | 2x fixed pitch   |
| Rudders:         | 2x 90° maneuvering, 2x 40°@DP                                  |
| Trusther Bow:    | 1x Veth/Rotor 135kW @1800rpm                                   |
| Shaft Generator: | LeRoy Sommer 800kW @1500rpm                                    |
| Aux power:       | Stamford 300kW/375kVA<br>Stamford 99kW/123kVA                  |

#### Deck Equipment

|                 |  |
|-----------------|--|
| Crane:          | 2t@14m, 50m/min@1t                         |
| Workboat Davit: | 12t Vestdavit                              |
| Rescue Net:     | Dacon Scoop                                |
| Rescue zones:   | Gate+swing ropes in PS & SB Bulwarks       |
| TS-Dip winch:   | Pomek DW 500 SS, with 3000 mtr dynema rope |

#### Navigation Equipment

|                     |   |
|---------------------|---|
| DP System:          | DP1- Navis  |
| References:         | 2x DGPS in C-NAV 3050<br>1x Glonass Trimble SPS351  |
| Joystick system:    | Navis C-Joy, bridge mounted & remote control units  |
| Electronic Charts:  | 2x ECDIS Transas Navisailor 4100  |
| Radars:             | 2x JRC JMR 5410 X-Band  |
| Satelite Compass:   | 1x JRC JLR 21   |
| Automatic Pilot:    | 1x Navis ( intergrated in DP system)<br>1x Alphapilot ( stanalone pilot)  |
| Echo Sounder:       | 1x JRC JFE 380  |
| Navtex:             | 1x JRC NCR 333  |
| Magnetic compass:   | 1x Apatron SR4  |
| Gyro Compass:       | Alphatron (Alphacorse G)  |
| Search Light:       | 1x Forward facing 1000 watt<br>1x aft facing watt   |
| CCTV:               | Engine spaces/Public areas/workdeck/Pax area  |
| ADCP/Current meter: | Nortek VMCP 600 khz<br>Incl. Interface box and dedicated bridge pc for client usage with prewired gyro and gps interface. |

#### Bunker/Towing/Storage capacity

|                |  |
|----------------|--|
| Fuel Transfer: | 4" TODO  |
| Fuel Oil:      | 164.0m <sup>3</sup>                              |
| Fresh Water:   | 44.0m <sup>3</sup> per day                       |
| F.W. Maker:    | 2x RO watermakers @ 8m <sup>3</sup> / 24 hr each |

#### Storage capacity

|                  |   |
|------------------|---|
| Cool store:      | 8.7m <sup>3</sup>   |
| Freeze Store:    | 6m <sup>3</sup>   |
| Clear Deck:      | approx. 160m <sup>3</sup>   |
| Seawage holding: | 27.9m <sup>3</sup>  |
| Deck Container:  | 2x 10 ft storage containers fitted<br>(Additional container slots are available for client equipment) |

#### Accommodation

|                |  |
|----------------|--|
| Accommodation: | 2x single (1P) cabins<br>2x double(2P) cabins<br>2x four persons (4P) cabins<br>All cabins fitted with ensuite shower / toilet.<br>All cabins fitted with wired LAN and WiFi |
| Passengers:    | 55 passenger seats<br>Storage racks for hand luggage<br>Buffet with coffee / Tea / water / softdrinks<br>TV monitors for SAT TV or Video presentations                       |

# GREEN

Offshore, Guard & Support

## “LINDE-G”

Seismic Research Support Vessel



### SPECIFICATION SHEET

#### Communication Equipment

|                      |   |
|----------------------|---|
| Trading Area:        | A1,A2,A3  |
| MF/HF Radio:         | 1x JRC JSS 2150                                 |
| VHF DSC Radio:       | 3x Sailor RT 6222                               |
| Immarsat Sat-C:      | 2x JRC JUE 87                                   |
| AIS:                 | 1x JRC JHS 183                                  |
| EPIRB:               | 1x Mc Murdo G8                                  |
| Portable UHF:        | 2x Sailor SP 3560                               |
| Portable VHF         | 2x Sailor SP3520, 2x Entel HT644, 2x Entel HT98 |
| Iridium:             | IOP Pilot with back up email                    |
| V-Sat:               | Sailor 900                                      |
| PA System            | Alphaconnect                                    |
| Satelite Television: | KVH M9  |

#### Safety Equipment

|             |                                    |
|-------------|------------------------------------|
| Life rafts: | 6x Survetic ESR 25 person capacity |
|-------------|------------------------------------|