



### GENERAL INFORMATION

|                              |                   |
|------------------------------|-------------------|
| Type of Vessel               | Multi Role Survey |
| Year of Build                | 1986              |
| Reconfigured                 | 2018              |
| Flag                         | UK                |
| Port of Registry             | Lowestoft         |
| Call Sign                    | MCJO2             |
| IMO Number                   | 8517205           |
| MMSI Number                  | 232013164         |
| Owner & Operator Information | GARDLINE LTD      |
| Classification Society       | Bureau Veritas    |
| DP Class                     | DP1               |

### CAPACITY

|                        |                      |
|------------------------|----------------------|
| Fuel Oil Capacity      | 385.2 m <sup>3</sup> |
| Freshwater Capacity    | 149.8 m <sup>3</sup> |
| Ballast Water Capacity | 509.2 m <sup>3</sup> |

### DIMENSIONS

|                    |           |
|--------------------|-----------|
| Length Overall (m) | 68.5      |
| Breadth (beam) (m) | 11.5      |
| Depth (m)          | 6.6       |
| Draft (m)          | 3.6 - 4.1 |
| Air Draft (m)      | 23.1      |
| GT (t)             | 1573      |
| NT (t)             | 471       |

### MACHINERY AND PERFORMANCE

|                     |         |                                        |
|---------------------|---------|----------------------------------------|
| Main Engine(s) Type |         | Cummins KTA-38 <sup>(2 x 840 kW)</sup> |
| and Power output    |         |                                        |
| Auxillary Engines   |         | Cummins KTA-19 <sup>(2 x 450 kW)</sup> |
| Propulsion System   |         | 2x Controllable Pitch Propellers       |
|                     |         | 2x Bowthruster                         |
|                     |         | 1x Sternthruster                       |
| Speed               | Eco     | 8 kts                                  |
|                     | Max     | 10 kts                                 |
|                     | Transit | 9 kts                                  |

## ACCOMMODATION

|                               |                  |
|-------------------------------|------------------|
| Accommodation: Nos. of Cabins |                  |
| Single                        | 8                |
| Double                        | 18               |
| Additional                    | 1x Hospital      |
| Total Berths                  | 44               |
| Laboratories                  | Survey Lab       |
| Workspaces for Onboard Data   |                  |
| Interpretation / Office       | Processing Rooms |
| Passenger Capacity            | Nil              |
| Facilities Available          | Gym, TV Lounge   |

## SAFETY

|                          |                                             |
|--------------------------|---------------------------------------------|
| Lifeboats and Life Rafts | 6x inflatable liferafts <sup>(25 pax)</sup> |
| Firefighting Equipment   | SOLAS-compliant FFE                         |
| Pollution Prevention     | MARPOL-compliant SOPEP                      |

## NAVIGATION AND COMMS

|                              |                                                    |
|------------------------------|----------------------------------------------------|
| Advanced Radar Systems       | Furuno FAR-2117 x 2                                |
| Positioning / Nav Systems    | Furuno GP-150 GPS                                  |
| DPS                          | C-Nav 3050 DGPS                                    |
| Comm Equipment               | Sailor <sup>(VHF DSC, MF/HF DSC &amp; SAT-C)</sup> |
| <sup>(VHF, HR, SATCOM)</sup> |                                                    |
| AIS                          | Furuno FA-150 AIS                                  |

## SURVEY EQUIPMENT

|                      |                                                                     |
|----------------------|---------------------------------------------------------------------|
| Vibrocorers          | 3m Vibrocore                                                        |
| CPT                  | Neptune 3000, Neptune 5000 to 850m Water Depth                      |
| Piston Core          | Kullenberg type 3/5/6m                                              |
| Visual Sampling      | Shallow Water Camera, Freshwater Lens Camera                        |
|                      | Deep Water Camera                                                   |
| Grab Sampling        | Day Grab, Mini Hamon Grab, Double Van Veen Grab,                    |
|                      | Van Veen Grab, UNSEL Box Corer, Shipek Grab                         |
| Water Sampling       | Rosette Sampler, Niskin Bottles, Plankton vertical trawl, CTD       |
| PAMS                 | Gardline MK3 PAM System                                             |
| SBES                 | Kongsberg EA400                                                     |
| MBES                 | Kongsberg EM712                                                     |
| SSS                  | Edgetech 4200 - Multiple Frequencies                                |
| SBP                  | 16 Element Hull Mounted Pinger                                      |
| Magnetometers        | Geometrics G882 Magnetometer                                        |
| UHR Seismic Streamer | Geometrics GeoEEL 3.125m (8/16/24/32) Channel <sup>(max 100m)</sup> |
|                      | Seis 96 Channel System                                              |
| Seismic Streamer     | Sercel 428 Recording System, Sercel Solid Sentinel                  |
|                      | Active Sections (SSAS 12.5m), 1200m (96ch)                          |
| USBL                 | Kongsberg HiPAP 502                                                 |
| Positioning Software | Gardline Voyager                                                    |
| Navigation Systems   | Novatel Oceanix and Trimble RTX                                     |
| Attitude and Heading | Kongsberg Seapath 380 with MRU5+                                    |

