



### GENERAL INFORMATION

Type of Vessel	Geotechnical Survey
Year of Build	1999
Reconfigured	2022
Flag	UK
Port of Registry	Leith
Call Sign	MELY9
IMO Number	9177844
MMSI Number	232019804
Owner & Operator Information	GARDLINE LTD
Classification Society	DNV
DP Class	DP2
SPS	SPS

### CAPACITY

Fuel Oil Capacity	1371.20 m <sup>3</sup>
Freshwater Capacity	966 m <sup>3</sup>
Ballast Water Capacity	1222.40 m <sup>3</sup>

### DIMENSIONS

Length Overall (m)	83.7
Breadth (beam) (m)	17.7
Depth (m)	7.45
Draft (m)	Max 6
Air Draft (m)	26.8
GT (t)	3388
NT (t)	1515

### MACHINERY AND PERFORMANCE

Main Engine(s) Type	Caterpillar 3516B TA (4 x 1901 kW)
and Power output	
Propulsion System	2x Azimuth Thrusters 2x Bowthrusters
Speed	Eco 8.5 kts Max 13.5 kts Transit 10 kts

**ACCOMMODATION**

Accommodation: Nos. of Cabins	
Single	10
Double	20
Additional	1x Hospital
Total Berths	50
Laboratories	Geotechnical Lab
Workspaces for Onboard	
Laboratory	13 m <sup>2</sup>
Workspaces for Onboard Data	
Interpretation / Office	13 m <sup>2</sup>
Dedicated space for soil	
sample storage	13 m <sup>2</sup>
Passenger Capacity	Nil

**SAFETY**

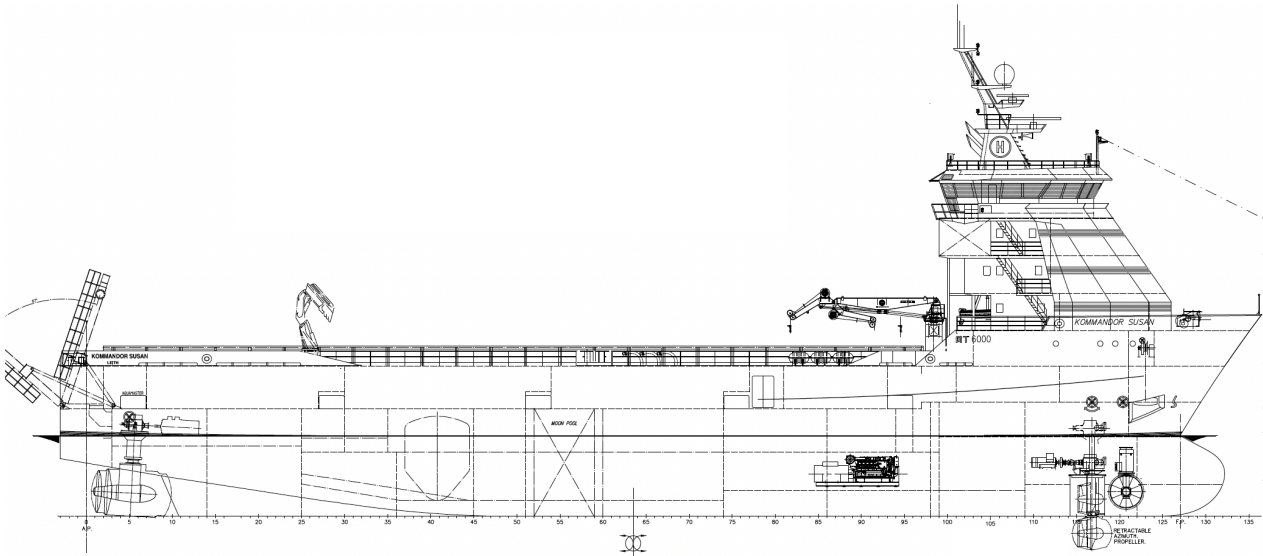
Lifeboats and Life Rafts	6x inflatable liferafts <sup>(25 pax)</sup>
Firefighting Equipment	SOLAS-compliant FFE
Pollution Prevention	MARPOL-compliant SOPEP

**NAVIGATION AND COMMS**

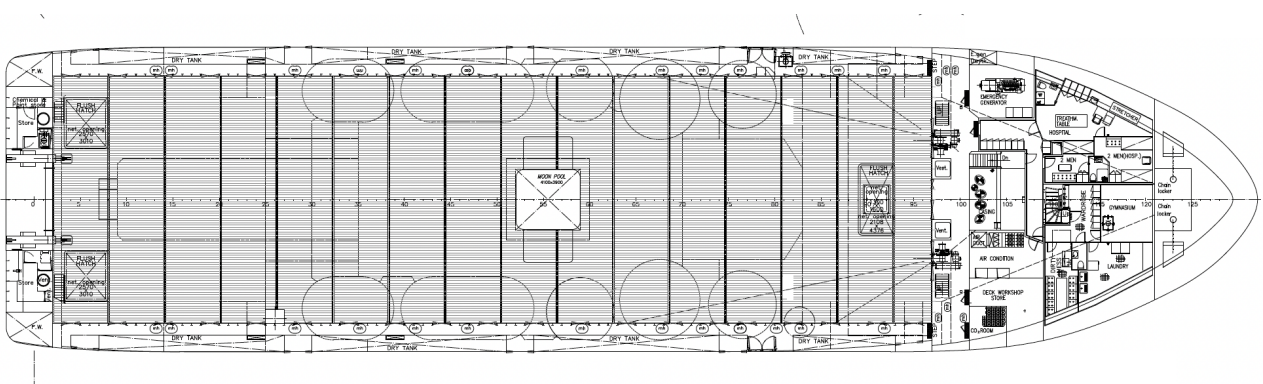
Advanced Radar Systems	Furuno RPU-013 & PSU-044
Positioning / Nav Systems	Furuno GP-150 GPS
DPS	C-Nav 3050 DGPS
Comm Equipment <small>(VHF, HR, SATCOM)</small>	Sailor (VHF DSC, MF/HF DSC & SAT-C)
AIS	Sailor 6004 AIS

**SURVEY EQUIPMENT**

Rotary Drilling Equipment for BH (API)	K3-50 rig
Rotary Drilling Equipment for BH (Geobor-S)	K3-50 Piggyback rig
Drill String Max Length	200m bsb with 600m water depth
Heave Compensation System	5m SBF & drill string
Mud System	Straight flush system, 10000 litre mud tanks with 2 compartments, 2x mud pumps
DtH In-Situ Testing Equipment	CPT, Seismic CPT
DtH Sampling Equipment	Piston Sampling, Push Sampling, Hammer Sampler
DtH Coring Equipment	PQ3 Coring Triple-Tube Coring, Geobore-S Coring Triple-Tube Coring
Geotechnical Soils/Processing Lab	Yes
Data Processing and Analysis Facilities Onboard	Yes
Deep Seabed CPT Unit	200kN Seabed CPT
Seismic CPT	Yes
Vibrocorers	Can be mobilised
CPT	Neptune can be mobilised
Other	PS Logging, 3-Arm Calliper, In situ DtH HiRAT



**SIDE VIEW - PORT SIDE**



**TOP VIEW - DECK LEVEL**