



GENERAL INFORMATION

Type of Vessel	Geotechnical Survey
Year of Build	2002
Reconfigured	2021
Flag	Panama
Port of Registry	Panama
Call Sign	3EXS8
IMO Number	9263514
MMSI Number	355847000
Owner & Operator Information	GARDLINE LTD
Classification Society	Bureau Veritas
DP Class	DP2
SPS	SPS

CAPACITY

Fuel Oil Capacity	1338.0 m ₃
Freshwater Capacity	1000.0 m ₃
Ballast Water Capacity	1156.2 m ₃

DIMENSIONS

Length Overall (m)	83,7
Breadth (beam) (m)	19,7
Depth (m)	7,45
Draft (m)	Max 6
Air Draft (m)	26,5
GT (t)	3360
NT (t)	1263

MACHINERY AND PERFORMANCE

Main Engine(s) Type		
and Power output	Wartsila 9L20C2 (4 x 1530 kW)	
Propulsion System	2 x Azimuth Thrusters	
	2 x Bowthrusters	
Speed	Eco	8.5 kts
	Max	13.5 kts
	Transit	10 kts

ACCOMMODATION

Accommodation: Nos. of Cabins	
Single	12
Double	13
Additional	3 x Quad, 1 x Hospital
Total Berths	48
Laboratories	Geotechnical Lab
Workspaces for Onboard	
Laboratory	13m ²
Workspaces for Onboard Data	
Interpretation / Office	13m ²
Dedicated space for soil	
sample storage	13m ²
Passenger Capacity	Nil

SAFETY

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

NAVIGATION AND COMMS

Advanced Radar Systems	Furuno FR-2137S & FAR-2818
Positioning / Nav Systems	Furuno GP-170 GPS
DPS	K-Pos DP-22 DGPS
Comm Equipment	Kelvin Hughes (VHF DSC, (VHF, HR, SATCOM) MF/HF DSC & SAT-C)
AIS	Furuno FA-170 AIS

SURVEY EQUIPMENT

Rotary Drilling Equipment for BH (API)	K5-20 rig
Drill String Max Length	200m bsb with 150-200m water depth
Heave Compensation System	4m 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 Triple-Tube Coring
Geotechnical Soils/Processing Lab	Yes
Data Processing and Analysis Facilities Onboard	Yes
Deep Seabed CPT Unit	No
Seismic CPT	Yes
Other	PS Logging, 3-Arm Calliper, In situ DtH HiRAT

