



GENERAL INFORMATION

Type of Vessel	Geotechnical Survey
Year of Build	2013
Reconfigured	2024
Flag	UK
Port of Registry	Lowestoft
Call Sign	MTAH4
IMO Number	9627289
MMSI Number	232064539
Owner & Operator Information	GARDLINE LTD
Classification Society	Bureau Veritas
DP Class	DP2
SPS	SPS

CAPACITY

Fuel Oil Capacity	907 m ³
Freshwater Capacity	578 m ³
Ballast Water Capacity	1520.30 m ³

DIMENSIONS

Length Overall (m)	81.6
Breadth (beam) (m)	18.4
Depth (m)	8.4
Draft (m)	Max 6
Air Draft (m)	26.8
GT (t)	3963
NT (t)	1188

MACHINERY AND PERFORMANCE

Main Engine(s) Type		
and Power output	Wartsila W9L20 (4 x 1665 kW)	
Propulsion System	2x Azimuth Thrusters	
	2x Bowthrusters	
Speed	Eco	8.5 kts
	Max	13.5 kts
	Transit	10 kts
Crane / Lifting System	5T/12m	

ACCOMMODATION

Accommodation: Nos. of Cabins	
Single	8
Double	20
Additional	1x Hospital
Total Berths	48
Laboratories	Geotechnical Lab
Workspaces for Onboard	
Laboratory	23m ²
Workspaces for Onboard Data	
Interpretation / Office	23m ²
Dedicated space for soil sample storage	
	23m ²
Passenger Capacity	Nil
Facilities Available (eg gym, rec room)	Gym, 2x TV lounge

SAFETY

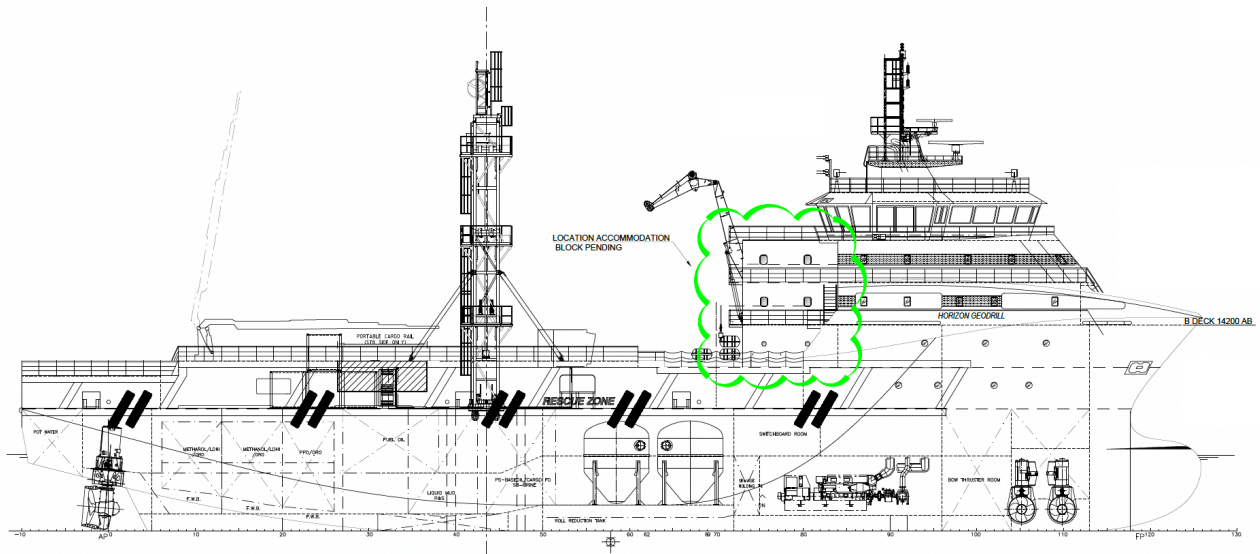
Lifeboats and Life Rafts	6 x inflatable liferafts ^(25 pax)
Firefighting Equipment	SOLAS-compliant FFE
Pollution Prevention	MARPOL-compliant SOPEP

NAVIGATION AND COMMS

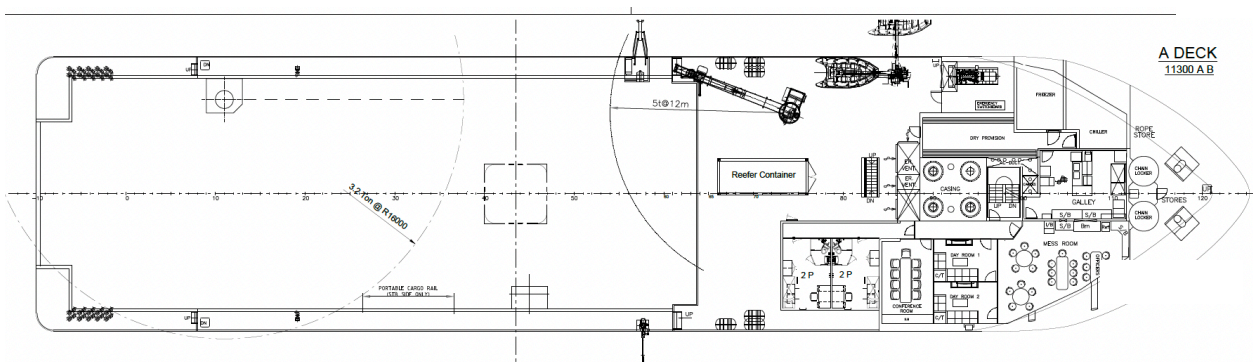
Advanced Radar Systems	Anschutz JH 19T14 x2
Positioning / Nav Systems	Saab R4 GPS
DPS	K-Pos DP-21 DGPS
Comm Equipment	Sailor (VHF DSC, MF/HF (VHF, HR, SATCOM))
	DSC & SAT-C)
AIS	Saab R4 AIS

SURVEY EQUIPMENT

Rotary Drilling Equipment for BH (API)	K7-50 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 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 Caliper, In situ DtH HiRAT
SBES	Kongsberg EA440
USBL	Kongsberg HiPAP 502
Positioning Software	Gardline Voyager
Navigation Systems	Novatel Oceanix and Trimble RTX
Attitude and Heading	Hemisphere VS1000 with Kongsberg MRU5+



SIDE VIEW - PORT SIDE



TOP VIEW - DECK LEVEL