



GENERAL INFORMATION

Type of Vessel	Geotechnical Survey
Year of Build	2018
Reconfigured	2025
Flag	Panama
Port of Registry	Panama
Call Sign	3E5407
IMO Number	9770189
MMSI Number	352004020
Owner & Operator Information	GARDLINE LTD
Classification Society	ABS
DP Class	DP2
SPS	SPS

CAPACITY

Fuel Oil Capacity	1273.5 m ³
Freshwater Capacity	565.5 m ³
Ballast Water Capacity	1782.3 m ³

DIMENSIONS

Length Overall (m)	78.25
Breadth (beam) (m)	21
Depth (m)	6.8
Draft (m)	5 - 6
Air Draft (m)	30.76
GT (t)	3739
NT (t)	1121

MACHINERY AND PERFORMANCE

Main Engine(s) Type		Caterpillar 3516C ^(2 x 1700 kW)
and Power output		Caterpillar C32 ^(2 x 910 kW)
Propulsion System		2x Schottel SRP 1515 FP 1900
		kW each azimuth thrusters
		2x Bowthrusters
Speed	Eco	8 kts
	Max	12 kts
	Transit	10 kts

ACCOMMODATION

Accommodation: Nos. of Cabins	
Single	15
Double	10
Additional	4x 4P cabins
Total Berths	51
Laboratories	Survey Lab, Geotechnical Lab
Workspaces for Onboard	
Laboratory	23 m ²
Workspaces for Onboard Data	
Interpretation / Office	23 m ²
Dedicated spce for soil sample storage	
	13 m ² (reefer container)
Passenger Capacity	Nil
Facilities Available (eg gym, rec room)	Gym, rec room

SAFETY

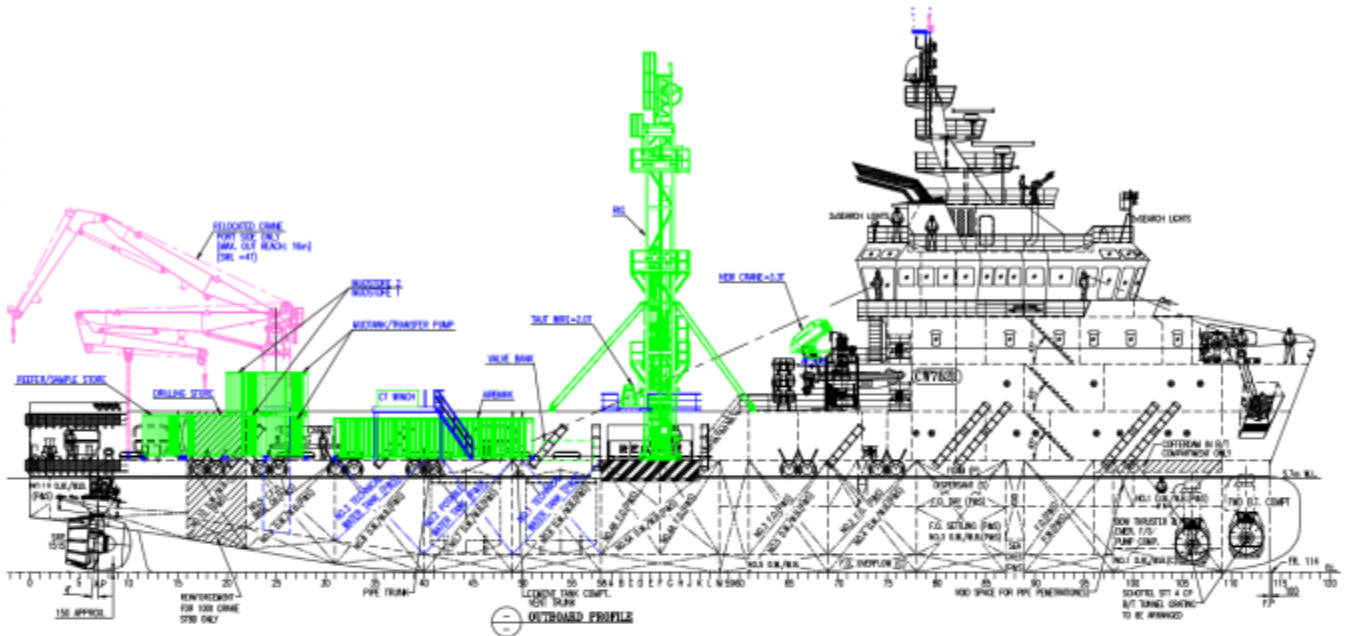
Lifeboats and Life Rafts	8x inflatable liferafts (25 pax)
Firefighting Equipment	SOLAS-compliant FFE
Pollution Prevention	MARPOL-compliant SOPEP

NAVIGATION AND COMMS

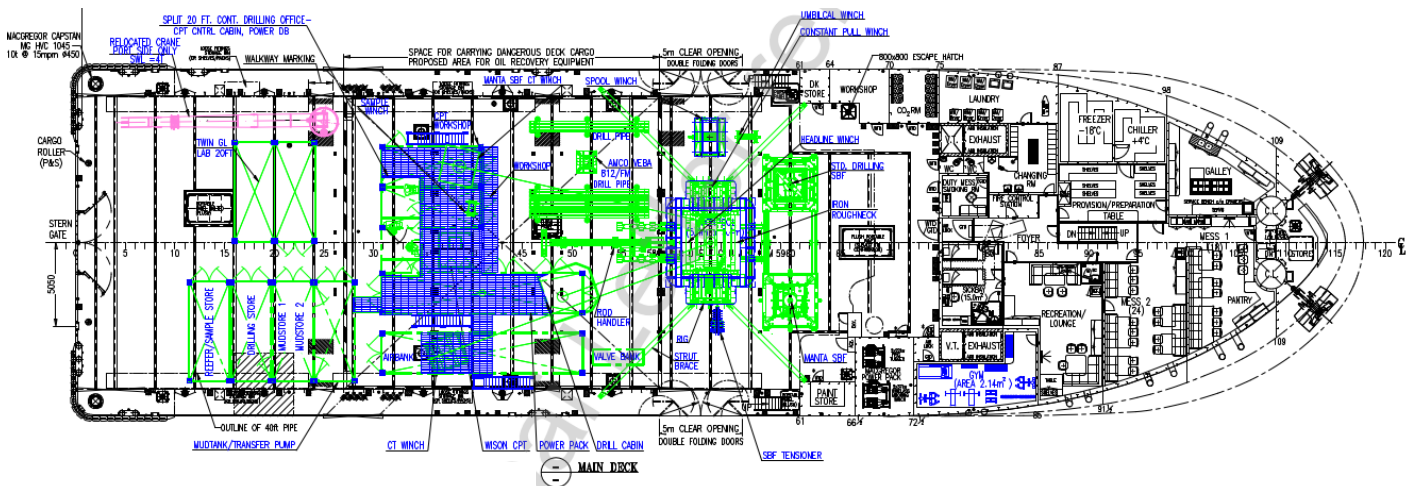
Advanced Radar Systems	2 JRC ARPA Radars
Positioning / Nav Systems	LEICA-MX420
DPS	Kongsberg SDP 21 dual
Comm Equipment	Sailor (VHF DSC, MF/HF DSC & SAT-C) (VHF, HR, SATCOM)
AIS	Saab R4

SURVEY EQUIPMENT

Rotary Drilling Equipment for BH (API)	K8-50 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, 2 x mud pumps
DtH In-Situ Testing Equipment	CPT, Seismic CPT, PS Logging, 3-Arm Calliper
DtH Sampling EquipmentDtH Coring 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	200kN Seabed CPT
Seismic CPT	Yes
Other	In situ DtH HiRAT



SIDE VIEW - PORT SIDE



TOP VIEW - DECK LEVEL