



GENERAL INFORMATION

Type of Vessel	Multi Role Survey
Year of Build	2015
Reconfigured	2020
Flag	UK
Port of Registry	Lowestoft
Call Sign	MKRE5
IMO Number	9779446
MMSI Number	232039997
Owner & Operator Information	GARDLINE LTD
Classification Society	Bureau Veritas
DP Class	DP2
SPS	SPS

CAPACITY

Fuel Oil Capacity	567.5 m ³
Freshwater Capacity	680.1 m ³
Ballast Water Capacity	1604.7 m ³

DIMENSIONS

Length Overall (m)	79.2
Breadth (beam) (m)	18.3
Depth (m)	8
Draft (m)	5.2 - 5.7
Air Draft (m)	29.4
GT (t)	4657
NT (t)	1397

MACHINERY AND PERFORMANCE

Main Engine(s) Type		Daihatsu Diesel 6DE-23
and Power output		(4x 1500 kW)
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	12
Double	18
Additional	1x Hospital
Total Berths	48
Laboratories	Survey Lab
Workspaces for Onboard Data	Processing Rooms
Interpretation / Office	
Passenger Capacity	Nil
Facilities Available	Gym, TV Lounge

SAFETY

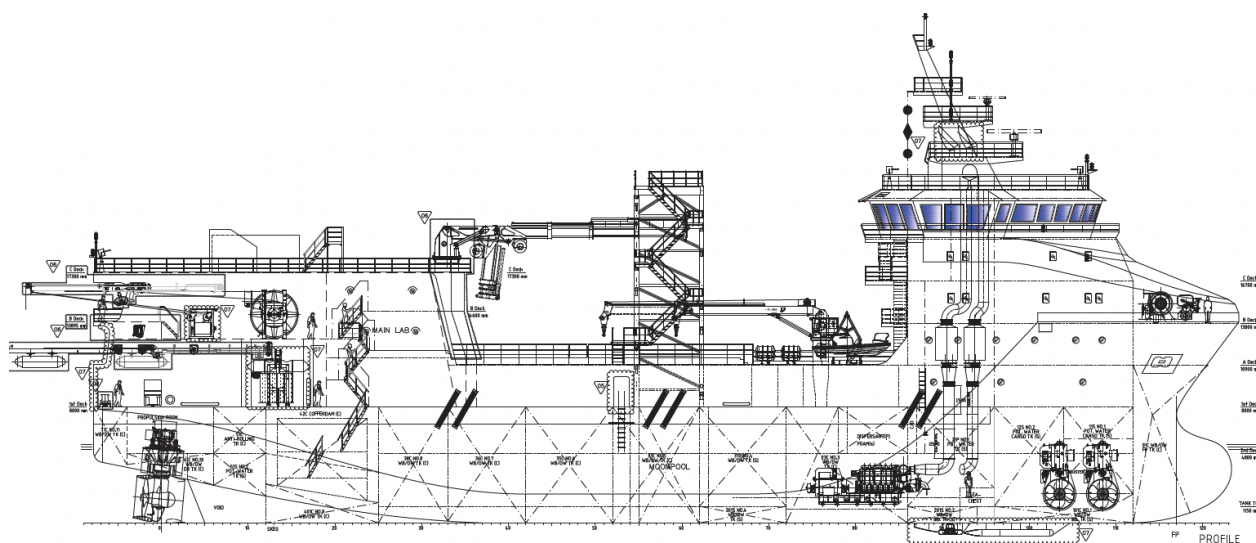
Lifeboats and Life Rafts	8x inflatable liferafts (4x 20 pax / 4x 25 pax)
Firefighting Equipment	SOLAS-compliant FFE
Pollution Prevention	MARPOL-compliant SOPEP

NAVIGATION AND COMMS

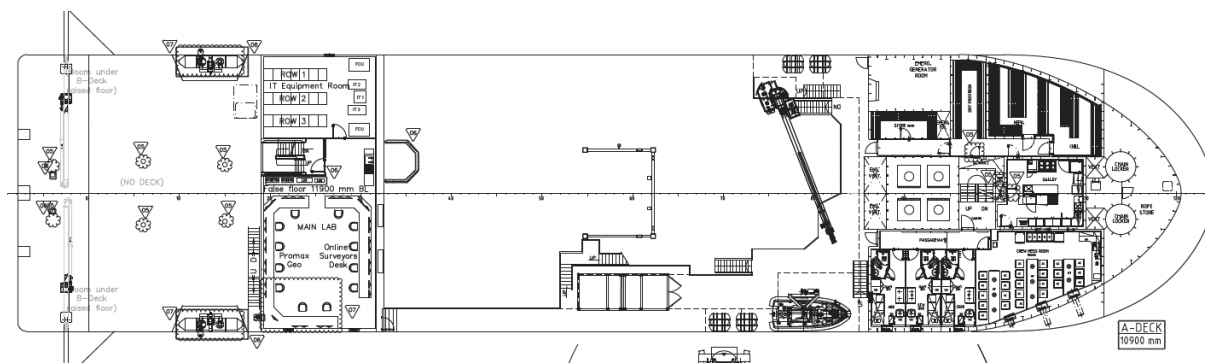
Advanced Radar Systems	Furuno MU-190 x2
Positioning / Nav Systems	Furuno GP-170 GPS
DPS	K-Pos 21 DGPS
Comm Equipment	Furuno (VHF DSC, MF/HF DSC & SAT-C) (VHF, HR, SATCOM)
AIS	McMurdo S5 AIS

SURVEY EQUIPMENT

CPT	Neptune 3000 and 5000 capable, ROSON 10m to 20m, 100kN CPT Capable
Vibrocorers	3m/5m/6m Vibrocore
Piston Corers	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 EA440
MBES	Kongsberg EM712, Kongsberg EM304, Kongsberg EM2040C
SSS	Edgetech 4200 - Multiple Frequencies
SBP	16 Element Hull Mounted Pinger, Kongsberg SBP29
Magnetometers	Geometrics G882, Magnetometer
UHR Seismic Streamer	Geometrics GeoEEL 3.125m (8/16/24/32) Channel (max 100m)
2DHR Seismic Streamer	Sercel 428 V2.0 Recording System, Sercel 3-C Multi Component Sections (SSMS 12.5m), Single 1200m (96 Ch) - 2DHR, Single 1500m (120 Ch) - 2DHR
3DHR Seismic	Dual 1200m (96 Ch) - 3DHR, Quad 1200m (96 Ch) - 3DHR, 4x 1200m Streamer, 2x Mini G Sources, 2x 160 cu in Sercel Mini G Airgun Array
USBL	Kongsberg HiPAP 502
Positioning Software	Gardline Voyager
Navigation Systems	Novatel Oceanix and Trimble RTX
Attitude and Heading	Kongsberg Seapath 380 with MRU5+



SIDE VIEW - PORT SIDE



TOP VIEW - DECK LEVEL