



GENERAL INFORMATION

Type of Vessel	Multi Role Survey
Year of Build	1987
Reconfigured	2007
Flag	UK
Port of Registry	Lowestoft
Call Sign	GHXX
IMO Number	8511275
MMSI Number	232217000
Owner & Operator Information	GARDLINE LTD
Classification Society	Bureau Veritas

CAPACITY

Fuel Oil Capacity	462.5 m ³
Freshwater Capacity	246.0 m ³
Ballast Water Capacity	813.4 m ³

DIMENSIONS

Length Overall (m)	80.42
Breadth (beam) (m)	14.5
Depth (m)	7
Draft (m)	3.8 - 4.4
Air Draft (m)	30.5
GT (t)	2820
NT (t)	846

MACHINERY AND PERFORMANCE

Main Engine(s) Type	RK Ruston 6RKCZ
and Power output	(4x 430 kW)
Propulsion System	2x Controllable Pitch Propellers
	1x Gilljet Bowthruster
Auxillary Engines	Deutz BA 8M B16R
Speed	Eco
	8 kts
	Max
	10 kts
	Transit
	9 kts

ACCOMMODATION

Accommodation: Nos. of Cabins	
Single	23
Double	8
Additional	1x Hospital
Total Berths	39
Laboratories	Survey Lab
Workspaces for Onboard Data	
Interpretation / Office	Processing Rooms
Passenger Capacity	Nil
Facilities Available	Gym, TV Lounge

SAFETY

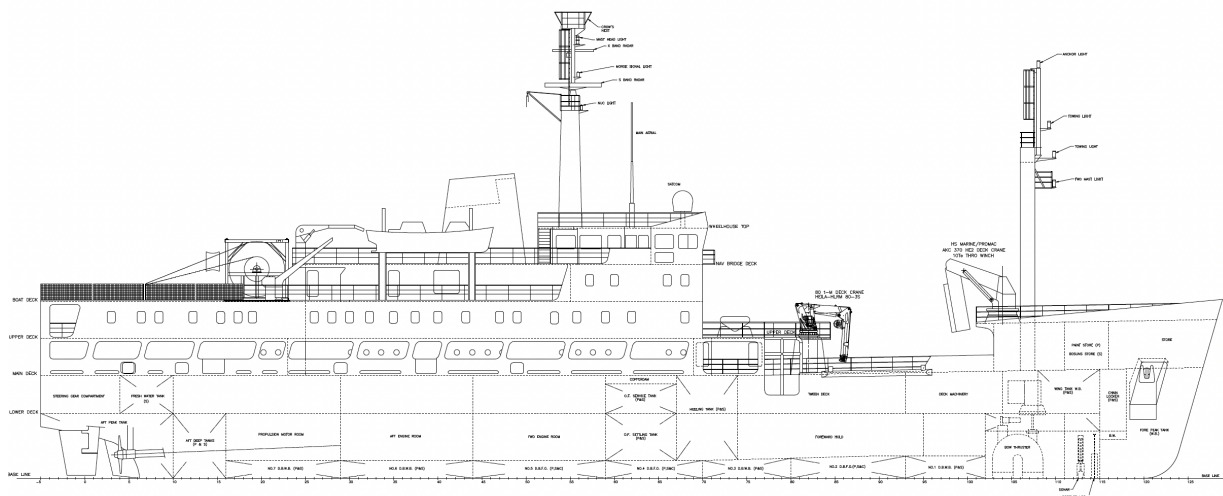
Lifeboats and Life Rafts	6x inflatable liferafts ^(25 pax)
Firefighting Equipment	SOLAS-compliant FFE
Pollution Prevention	MARPOL-compliant SOPEP

NAVIGATION AND COMMS

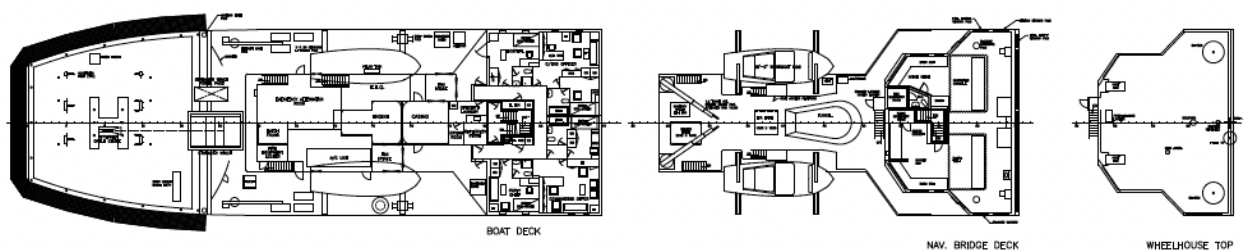
Advanced Radar Systems	Sperry VisionMaster FT x2
Positioning / Nav Systems	Furuno GP-170 GPS
Comm Equipment	Sailor ^(VHF DSC, MF/HF DSC & SAT-C)
(VHF, HR, SATCOM)	
AIS	Furuno FA-150 AIS

SURVEY EQUIPMENT

CPT	Neptune 3000 and 5000 to 1000m WD, 50kN ROSON 6M mast to 1250m WD
Vibrocorers	5m/6m Vibrocore, Thermal Heatflow VC
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 EA400
MBES	EM122, EM710, EM2040 400kHz 0.4 x 0.7 shallow water
SSS	Edgetech 4205 - Multiple Frequencies
SBP	16 Element Hull Mounted Pinger, INNOMAR 2000 Medium
Magnetometers	Geometrics G882 Magnetometer
UXO	UXO TVG (Dual Magnetometer)
UHR Seismic Streamer	Geometrics GeoEEL 3.125m (8/16/24/32), Channel (max 100m)
EHRS	1m group 96 Channel System
2DHR Seismic Streamer	Sercel 408 Recording System, Sercel Solid Sentinal Active Sections (SSAS 12.5m), single 1200m (96ch)



SIDE VIEW - PORT SIDE



TOP VIEW - DECK LEVEL