



GENERAL INFORMATION

Type of Vessel	Multi Role Survey
Year of Build	1988
Reconfigured	2012
Flag	Panama
Port of Registry	Panama
Call Sign	HP6391
IMO Number	8616609
MMSI Number	357707000
Owner & Operator Information	GARDLINE LTD
Classification Society	Bureau Veritas
DP Class	DP1

CAPACITY

Fuel Oil Capacity	404.6 m ³
Freshwater Capacity	254.2 m ³
Ballast Water Capacity	643.4 m ³

DIMENSIONS

Length Overall (m)	85.36
Breadth (beam) (m)	14
Depth (m)	6.3
Draft (m)	3.6 - 4.1
Air Draft (m)	22.8
GT (t)	2532
NT (t)	759

MACHINERY AND PERFORMANCE

Main Engine(s) Type	Mitsubishi S12A2-MPTK ^(5x 828 kW)
and Power output	
Propulsion System	2x Controllable Pitch Propellers
	1x Bowthruster
	1x Sternthruster
Auxillary Engines	Cummins QSM 11 (D) M
Speed	Eco
	8 kts
	Max
	10 kts
	Transit
	9 kts

ACCOMMODATION

Accommodation: Nos. of Cabins

Single	34
Double	5
Additional	1x Hospital
Total Berths	40
Laboratories	Survey Lab
Workspaces for Onboard Data	Processing Rooms
Interpretation / Office	
Passenger Capacity	Nil
Facilities Available	Gym, TV Lounge

SAFETY

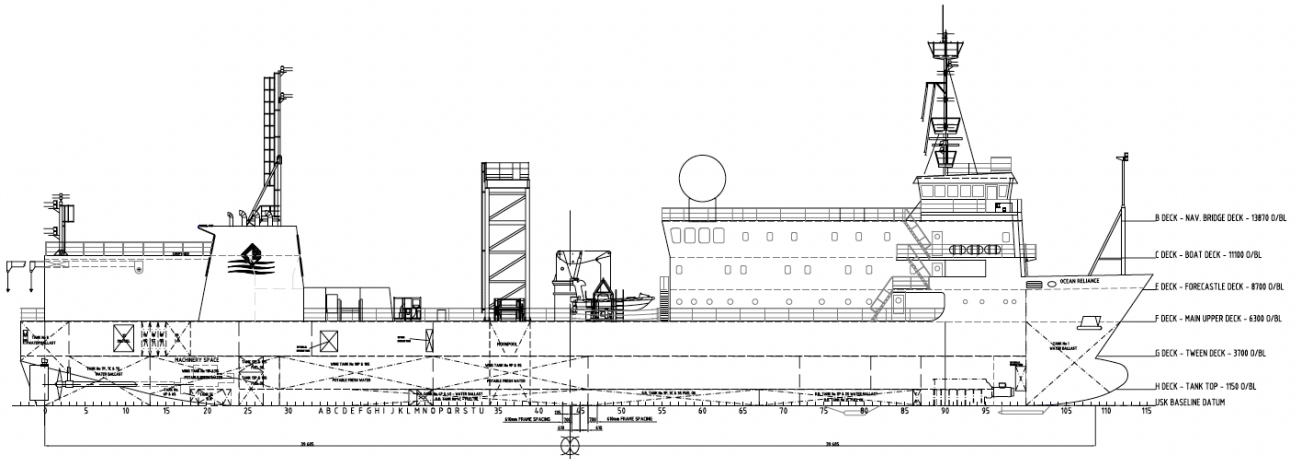
Lifeboats and Life Rafts	6x inflatable liferafts (4x 25 pax / 2x 16 pax)
Firefighting Equipment	SOLAS-compliant FFE
Pollution Prevention	MARPOL-compliant SOPEP

NAVIGATION AND COMMS

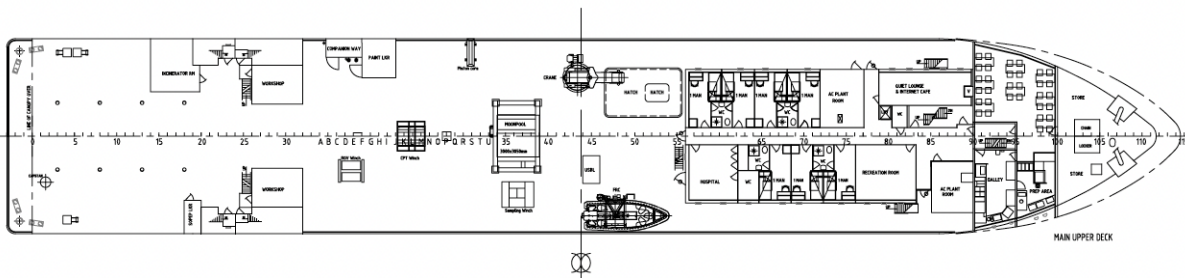
Advanced Radar Systems	Sperry VisionMaster FT x2
Positioning / Nav Systems	Furuno GP-150 GPS
DPS	C-Nav 3050 DGPS
Comm Equipment	Sailor (VHF DSC, MF/HF DSC & SAT-C) (VHF, HR, SATCOM)
AIS	Furuno FA-150 AIS

SURVEY EQUIPMENT

CPT	Neptune 3000 and 5000 TO 1250M, 50kN ROSON 5M mast to 1250m
Vibrocorers	3m/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	EM712, EM2040 400kHz 0.4 x 0.7 dual Rx shallow water
SSS	Edgetech 4205 - Multiple Frequencies
SBP	16 Element Hull Mounted Pinger, INNOMAR 2000 Medium
Magnetometers	Geometrics G882, Magnetometer
UXO	UXO TVG, UXO EIVA Scanfish, ROTV with 4x magnetometers
UHR Seismic Streamer	Geometrics GeoEEL 3.125m (8/16/24/32) Channel (max 100m)
EHR	1m group 96 Channel System
2DHR Seismic Streamer	Sercel 428 Recording System, Sercel Solid Sentinel Active Sections (SSAS 12.5m), single 2400m streamer
3DHR Seismic	2x 1200m Streamer, 2x Source, 2x 160 cu in airgun array



SIDE VIEW - PORT SIDE



TOP VIEW - DECK LEVEL