



GENERAL INFORMATION

Type of Vessel	Multi Role Survey
Year of Build	1988
Reconfigured	2012
Flag	Bahamas
Port of Registry	Nassau
Call Sign	C6JK8
IMO Number	8616609
MMSI Number	311001898
Owner & Operator Information	GARDLINE LTD
Classification Society	Bureau Veritas
DP Class	DP1

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

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

CAPACITY

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

SAFETY

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

ACCOMMODATION

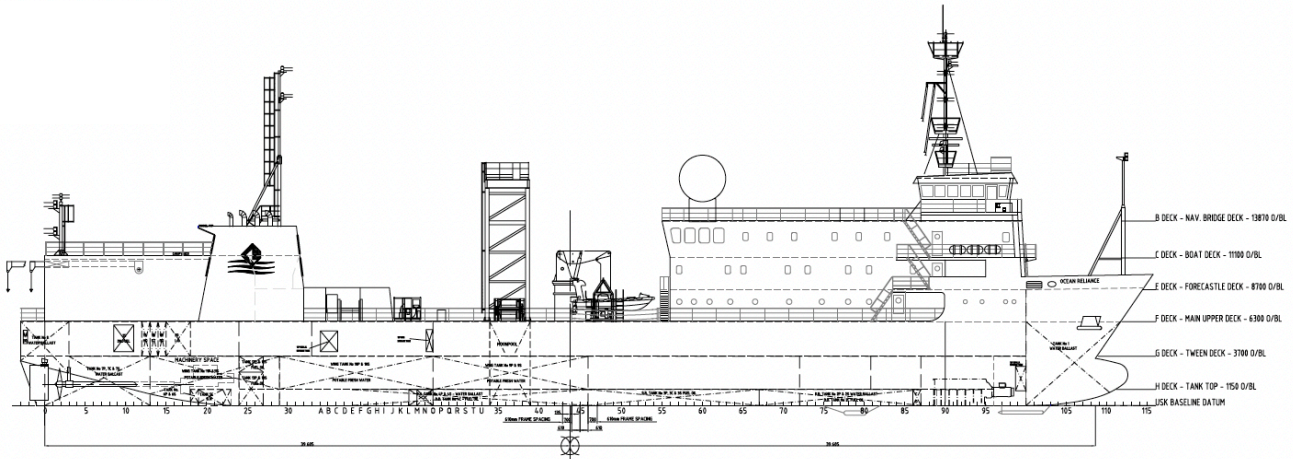
Accommodation: Nos. of Cabins	
Single	34
Double	5
Additional	1x Hospital
Total Berths	40
Laboratories	Survey Lab
Workspaces for Onboard Data Interpretation / Office	Processing Rooms
Passenger Capacity	Nil
Facilities Available	Gym, TV Lounge

NAVIGATION AND COMMS

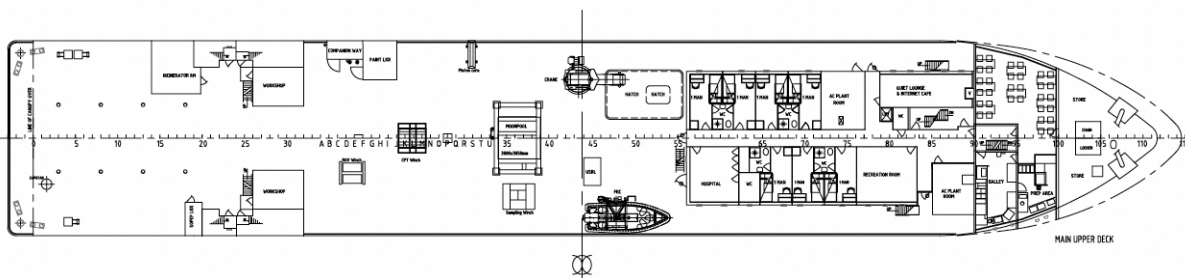
Advanced Radar Systems	Sperry VisionMaster FT x2
Positioning / Nav Systems	Furuno GP-150 GPS
DPS	C-Nav 3050 DGPS
Comm Equipment	Sailor (VHF DSC, MF/HF DSC & SAT-C)
(VHF, HF, SATCOM)	
AIS	Furuno FA-150 AIS

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	Kongsberg EM710, Kongsberg EM2040, 400kHz
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)
EHRS	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
USBL	Sonardyne Ranger2
Positioning Software	Gardline Voyager
Navigation Systems	Novatel Oceanix and Trimble RTX
Attitude and Heading	Kongsberg Seapath 380 with MRU5+
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SIDE VIEW - PORT SIDE



TOP VIEW - DECK LEVEL