



HG SPL

General

Port of Registration	Mumbai
Flag	Indian
Class	ABS & IRS
Year of Built/Rebuilt	1986
IMO No.	8416970
Length Overall	70.20 m
Breadth	15 m
Draught	5.20 m
Gross /Net Tonnage	2270/681 tons
Cruising Speed	13.40 knots
Fuel Capacity	694 m3
Fresh Water Capacity	537 m3
Main Engine	4 X Wartsila 6 R22 MD, 1205 HP each(4820 BHP)
Bow Thruster	Yes, Ulstein Propeller A.S Norway 90TV-A 331KW
Generator	Caterpillar : 2 x 534 KW, 415V, 3 Phase,50Hz Shaft: 2x 480 KW
Propeller Type	Kamome Twin Screw CPP, 4 Blades(2250 mm) Al. Bronze
Accommodation	66 persons (SPS Compliance)
Inflatable life Rafts	5(Surviva Marine) x 25, 3(Solas Equip.)
Man Overboard Life Raft	2nos x6 persons (DSB)
Crane	HYDRALIFT TYPE=KMCV 2 Ton
Workboat	1

Vessel Navigation & Communication

Radar 1	1x JRC JMA-7700 ARPA, X-Band 1xSelesmar MM-950ARPA,S-Band
Communications	1 x Inmarsat C, SailorDT 4646E
Gyro Compass	1 x Anschutz STD 20 Octans III, IXSEA
Auto Pilot	Pilot Star D
Echo Sounder	GDS 101 Norway
GPS	GP200 & Garmin
Speed Log	LRC-JLN 203 Doppler Log

Recording Instrument

Manufacturer	ION
Type	Input/Output, MSX, 24 Bit System
Number of Channels	2 x 480 channels @ 1 ms, 2 x 6000 m Streamer
Sample Rate	0.5 ms, 1.0 ms, 2.0 ms, 4.0 ms
Recording Medium	2 x IBM 3592
Plotter	Oyo GS 624-2

Helipad - 18 x 16 m

Suitable for Helicopter	Bell 212 Dauphin
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Geo Gangasagar



Streamer / Cable

Manufacturer	ION
Type	Input/Output, MSX, 24 Bit System
Section Length	99.5 m
Group Interval	12.5 m/ 25 m
Streamer Configuration	2 x 6000 m
Hydrophone Type	Input/Output
No. of Hydrophone/Group	14

Navigation Equipment

Manufacturer	Spectra, Concept
Primary Navigation	Starfix HP DGPS, Fugro
Demodulator	Starfix 3000 LR
Secondary Navigation	Starfix HP DGPS, Fugro
Tailbuoy Tracking	Kongsberg Seatex Seatrack 220 RGPS
Gun Array Tracking	Kongsberg Seatex Seatrack 330 RGPS
Acoustic	SIPS 2, Sonardyne
Dynamic Sound Velocity	SIPS 2 XSRV/SV, Sonardyne
Streamer Positioning	Digicourse DigiBIRD 5011 Compass Bird, Sonardyne SIPS 2 Acoustics
Navigation Processing	Concept System Sprint NRT
Binning	Concept Reflex

Source Equipment

Airgun Type	Bolt 1500 LL Guns
Number of Sub Arrays	2 Strings/Array in Dual Flip Flop, 4 Strings in Single Source
Array Volume(max)	2 x 6000 cu.inch Flip-Flop or 12000 cu.inch Single Source
Compressor	3 x LMF 1100 SCFM @ 2000 psi, 1 x LMF 2200 SCFM @ 2000 psi
Compressor Capacity	5500 SCFM @ 2000 PSI
Operating Pressure	2000 psi
Source Controller	Seamap GunLink 2000

Onboard Processing

Hardware	2 x HP DL580 R Linux Servers with Quad Core CPUs each HP BLc7000 Cluster server with 7 BL460c Blades 25 TB Disc storage 4 Dell Dual Monitor Linux Workstation
Software	ProMax