



**Geophysical Service Incorporated  
Marine Seismic Survey Vessel: M/V GSI Pacific**



**VESSEL SPECIFICATIONS**

<b>Name:</b>	GSI Pacific	<b>Classification:</b>	ABS+A1+AMS
<b>Owner:</b>	Geophysical Service Incorporated	<b>Registration Number:</b>	10264-80-K
<b>Port of Reg:</b>	Panama, Panama	<b>IMO No:</b>	7907908
<b>Flag:</b>	Panamanian	<b>Call Sign:</b>	Ho 3496
<b>Year-BUILDER:</b>	1979- Sing Koon, Seng (Pte.) Ltd	<b>V-sat Phone:</b>	954 518-7485
<b>Major Conversion:</b>	2005, Morgan City La.	<b>V-sat Fax:</b>	954 518-7487

**MAIN CHARACTERISTICS**

<b>Length, Beam, Draft:</b>	56.3m x 12.0m x 4.21	<b>SSB Radio:</b>	Skanti/Nera TRP 7250
<b>Gross Tonnage:</b>	114 GRT	<b>VHFRadio:</b>	2 x Skanti/Nera 3000
<b>Main Engines:</b>	2 x Cat D399 PC	<b>MF/HF DSC Wtchkpr:</b>	Skanti 3012/24
<b>Propeller:</b>	Dual propeller	<b>Satellite C:</b>	Thrane TT 2080b
<b>Additional Propulsion:</b>	Bow thruster	<b>Radars:</b>	Furuno Fr2110 ARPA Furuno MU 201 CR
<b>Cruising Speed:</b>	12 Knots	<b>Auto Pilot:</b>	Sperry / Robertson MK3
<b>Fresh Water Capacity:</b>	218 Ton	<b>Magnetic Compass:</b>	Sperry 227
<b>Water Making Capacity:</b>	3000 USG per day	<b>Gyro Compasses 1&amp;2:</b>	Sperry 227
<b>Fuel Capacity:</b>	435 Cubic m	<b>Echo Sounder:</b>	Furuno FE-700
<b>Fuel Consumption:</b>	12 cubic m per day transit	<b>Speed Log:</b>	NaviKnot III FNF
<b>Stores Cranes:</b>	1 x 2 tonne	<b>Navtex Receiver:</b>	Furuno Nx 500
<b>Endurance:</b>	42 days transit/ 36 days production	<b>Weather Station:</b>	AVOS / NavTex
		<b>Accommodation:</b>	37 bunks

## SEISMIC EQUIPMENT

### Energy Source

<b>Energy Source Type:</b>	Input/Output Sleeve
<b>Subarrays:</b>	2 x 10 guns each
<b>Total Capacity:</b>	4,410 cu. inches
<b>Synchronizer:</b>	Big Shot Source Controller
<b>Air Compressors:</b>	3 x LMF 800 CFM (2400 CFM)

### Streamer

<b>Type:</b>	I/O MSX, 24 Bit Digital
<b>Hydrophone Type:</b>	I/O Preseis 2517
<b>Streamer Length:</b>	2D: 1 x 8,000 m max
<b>Active Sections:</b>	I/O MSX 100 m
<b>Stretch Sections:</b>	I/O 87M
<b>Tow Leader:</b>	1 x 525 m
<b>Cable Levelers:</b>	DigiCOURSE Model 5011 Compass Birds
<b>Streamer Winch Capacity:</b>	8,000 m

### Recording Instruments

<b>Type:</b>	I/O MSX Marine Recording System
<b>Tape Format:</b>	IBM 3590 8058 IEEE
<b>Tape Recorders:</b>	IBM 3590 plus 2.5Tb RAID system
<b>Display System:</b>	Color Monitors, OYO Plotter, RAID SEIS NET

### NAVIGATION

<b>Integrated Navigation System:</b>	NAVIpac
<b>Survey Echo Sounder:</b>	ODOM CV
<b>Primary Navigation:</b>	VECTOR
<b>Secondary Navigation:</b>	MINIMAX
<b>Recording Format:</b>	UKOOA P190/P294

### ON-BOARD PROCESSING

<b>Quality Control and Processing:</b>	Pro Max 2D
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[www.geophysicalservice.com](http://www.geophysicalservice.com)

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