



## SUPPORT ACTIVITIES / VESSEL CAPABILITIES

- Site investigations
- Guard vessel
- Diving & ROV support
- Geophysical surveys
  - multibeam
  - singlebeam
  - high resolution seismic
  - side scan sonar
  - magnetometry
- Cable & Pipe route surveys
- Bottom and sediment sampling
- Density and shear strength measurements



### TECHNICAL SPECIFICATION

#### General

Name	Geo Ocean I
Classification	Survey Vessel
Built	1986
Port / Flag	Cook Islands
Call Sign	E5V2430
IMO No.	8747264

#### Dimensions

Overall Length	28m
Width	6m
Draught	2,40m
Tonnage	119 GT
Deck Load	5 Tons

#### Accommodation

Licensed for	12 passengers + 2 crew
Cabins	4 double cabins
	1 galley / 1 mess room / Various storage rooms
	Kitchen / Shower.
Electrical Systems	24 volt / 220 volt / 380 volt

#### Machinery

Main engines	3x MTU
Propulsion	3x637 KW
Bow Thruster	Hydraulic 120 KW
Power output	3x905 BHP
Cruising speed	15 knots
Maximum Speed	23 knots

#### Tank Capacity

Fresh Water	2500 ltr
Fuel	10400 ltr

#### Control and navigation

Autopilot	Navitron NT 921G
Radars	Furuno FR-1505
DGPS Positioning	MX 412 professional
Echosounder	Elac-Nautic Laz 5000
AIS	CNS systems

#### Deck Machinery

Deck Crane	1x 400 kg
Hydraulic A frame	1x0,5 Tons
Hydraulic Winch	1x1,1 Tons

#### Communications

MF / HF	Sailor RM 2151
VHF	Sailor RT 2048
Satcom	KVH Tracphone V3

#### Safety

Liferafts	2x12 Pers
Survival Suits	6 Pers
Life Jackets	14 Pers

#### Survey Equipment

GPS	Stema Systems GNSS receiver BD960
Single Beam echosounder	Simrad EA400 210/33 KHz
Multibeam	R2Sonic 2024
Motion sensor	Ixsea Octans III
SVP	Valeport Mini SVP
GPRS Modem	Digimodem WAN 36