

# GEOLEGS

Amphibious Survey Vessel



GEOMATICS ENGINEERING SOLUTIONS



## VESSEL CAPABILITIES

- Beach, port and river surveys
- Dredging support activities
- Geophysical surveys
  - multibeam
  - singlebeam
  - high resolution seismic
  - side scan sonar
  - magnetometry





### TECHNICAL SPECIFICATION

#### General

Name Geolegs  
Type Amphibious Vehicle

#### Dimensions

Length 6,10 m  
Width 2,40 m  
Draft 0,41 m  
Weight 800 kg

#### Accommodation

Licensed for 6 pers.  
Electrical Systems 12 volt / 220 volt

#### Machinery

Main engine Honda BF115  
Propulsion Outboard engine  
Power output 115 BHP  
Maximum speed on water 30 knots  
Maximum speed on land 10 kph

#### Communications

VHF ICOM

### Survey Equipment

GPS Novatel Propak V3  
Modem Connect DigiWan 3G  
Multibeam R2 Sonic 2022  
Singlebeam Kongsberg EA400 700Khz  
Surface Inertial Navigation System IXSEA Phins  
SVP Valeport Mini-SVP  
Heading Sensor IXSEA Phins