

## The Seabed AUV



| Vehicle Characteristics        | Specification   |
|--------------------------------|---|
| Maximum Depth                  | 2000m/5000m   |
| Vehicle power                  | 2kWHr/6kWHr Li Ion Rechargeable Batteries   |
| Endurance                      | 8hrs/24hrs  |
| Navigation Equipment Sensors   | An RDI 1200 kHz DVL, iXSea Octans FOG, LBL/USBL navigation                            |
| Navigation Pressure Transducer | Paroscientific Depth Sensor   |
| Surface Communication          | RF radio modem with minimum range of 2 km   |
| Acoustic Communications        | 10 kHz Band-B Acoustic Modem  |
| CTD Sensors                    | Seabird pumped model 49 CTD Fastcat   |
| Camera                         | 1,4,11 Megapixel, 12 bit dynamic range Gigabit Ethernet camera with associated strobe |
| Multibeam                      | Imagenex Delta-T multibeam system   |

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