

## 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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