Explorer AUV

The Explorer AUV is a large, traditional deep-diving survey vehicle. The addition of forward planes set the Explorer apart giving it unparalleled manoeuvrability and stability. The MUN Explorer is typically configured for high-resolution bathymetric surveys with an R2Sonic 2022 multibeam and EdgeTech 2200 side scan sonar and sub-bottom profiler. Because of the Explorer's open and modular architecture, it can be reconfigured to carry a variety of scientific and survey payload by request.

Depth:	3000m
Speed:	1.5m/s nominal, 2.5m/s max
Diameter:	0.69m
Length:	4.5m
Endurance/Range:	
Navigation:	GPS, INS, DVL, pressure (depth), USBL, obstacle avoidance
Communications:	Radio, underwater acoustic
Payload:	R2Sonic 2022 Multibeam
	EdgeTech 2200 SideScan Sonar & Sub-Bottom Profiler
	Seabird FastCAT CTD
	RDI DVL/ADCP
	Programmable Back-Seat Driver

Slocum Gliders

The Slocum gliders are smaller, buoyancy driven AUVs that boast long range and duration remote water column observation for academic, military, and commercial applications. The Slocum Glider can be deployed and recovered from any size vessel with minimal time on station.

Once the Slocum glider is deployed, it can easily be controlled from anywhere in the world through the use of web based piloting tools. This allows fleets of gliders to be operated remotely with minimal personnel and infrastructure.