

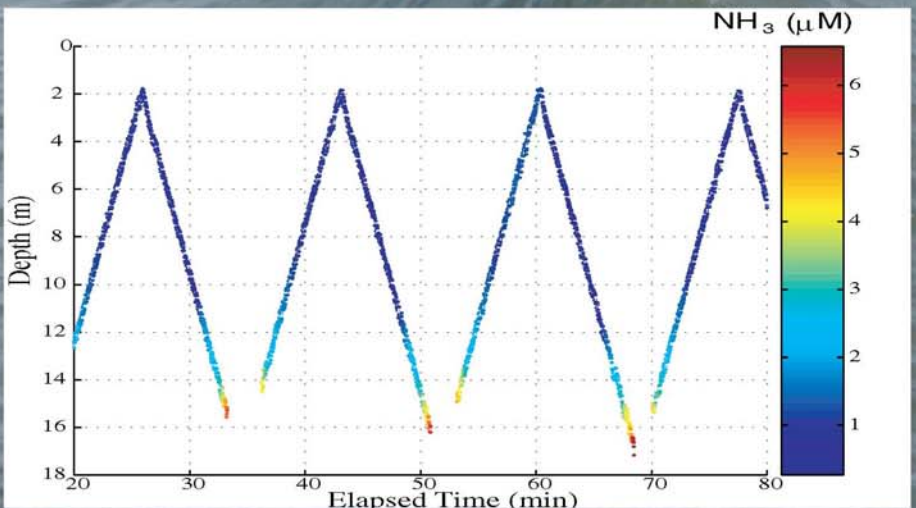
MARCHEM Analyzer

Micro AUV Ready Chemical Analyzer

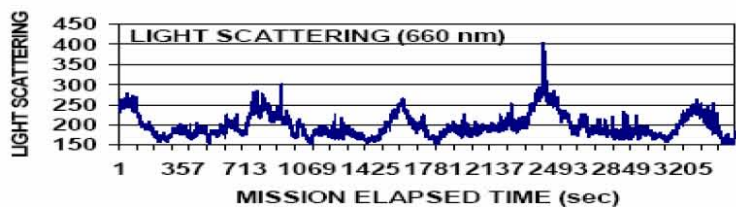
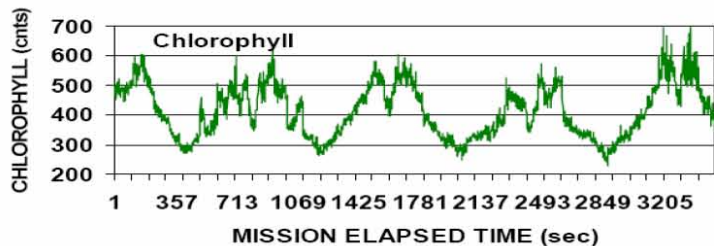
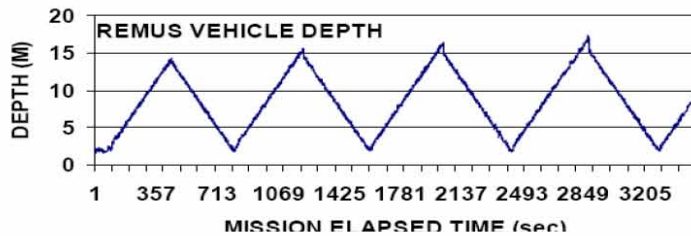
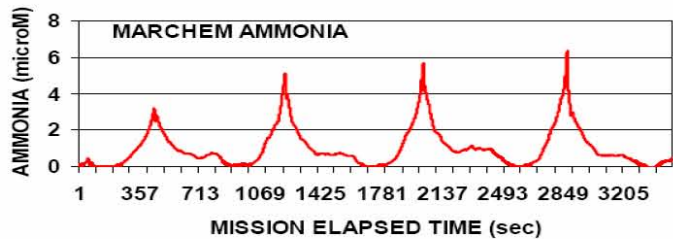
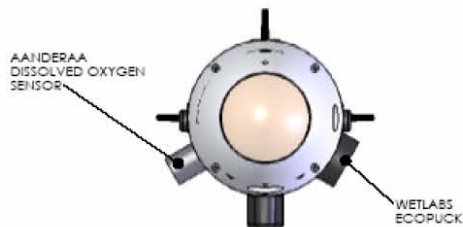
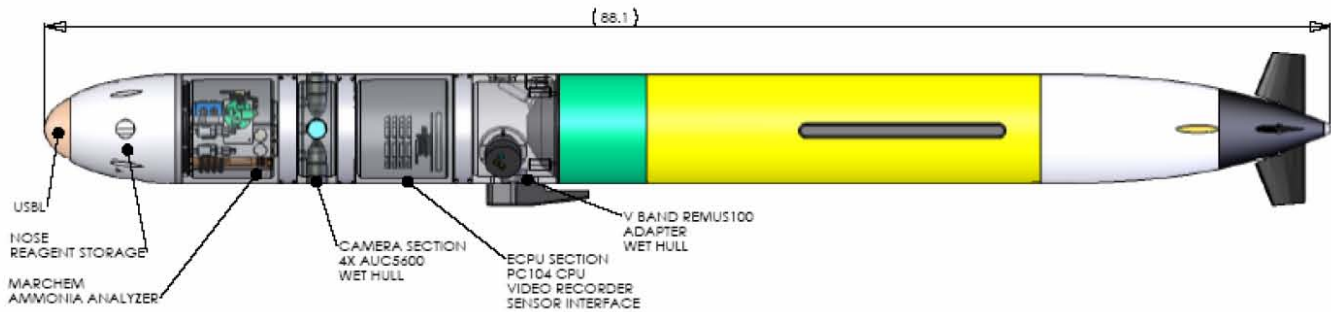
- Two Channel Analyzer
- Continuous Underway Surveying
- Fast Response - Trace Concentrations
- Real-Time Data
- Programmable Controller



Ammonia concentrations measured underway while undulating between near the surface and near the bottom in Monterey Bay, CA during a sixty minute autonomous REMUS mission with the MARCHEM Analyzer payload.



MARCHEM ANALYZER - REMUS CONFIGURATION



Graphs showing the ammonia concentrations and other parameters (depth, chlorophyll and light scattering by particles) measured while underway undulating between near the surface and near the bottom in Monterey Bay, CA during a sixty minute autonomous REMUS mission with the MARCHEM analyzer payload.