

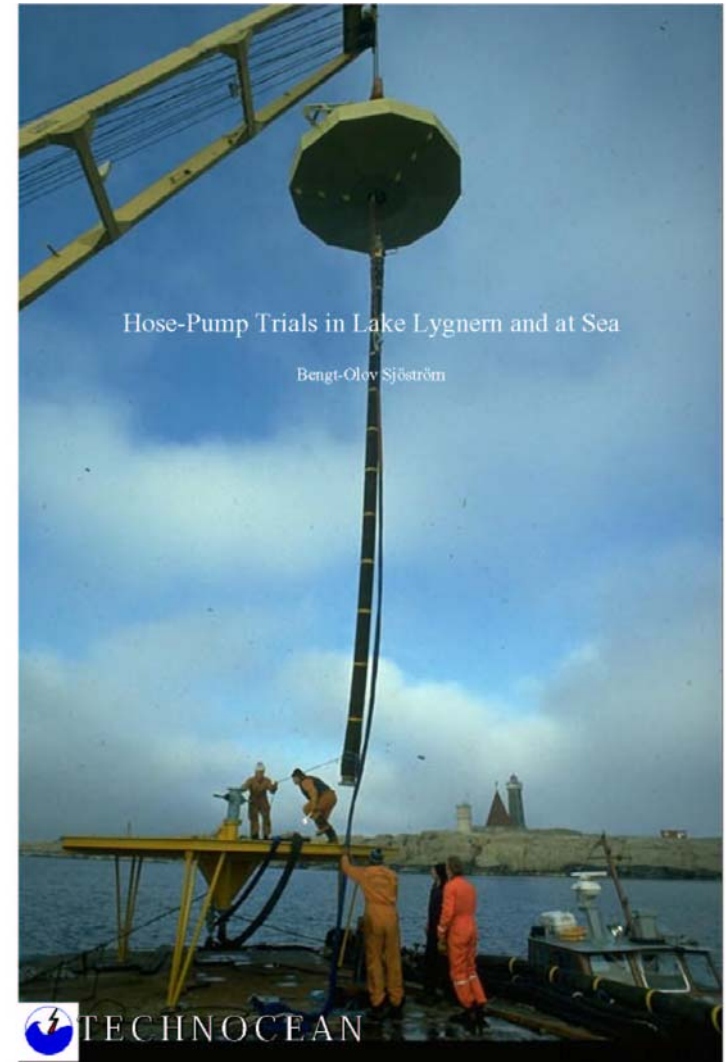
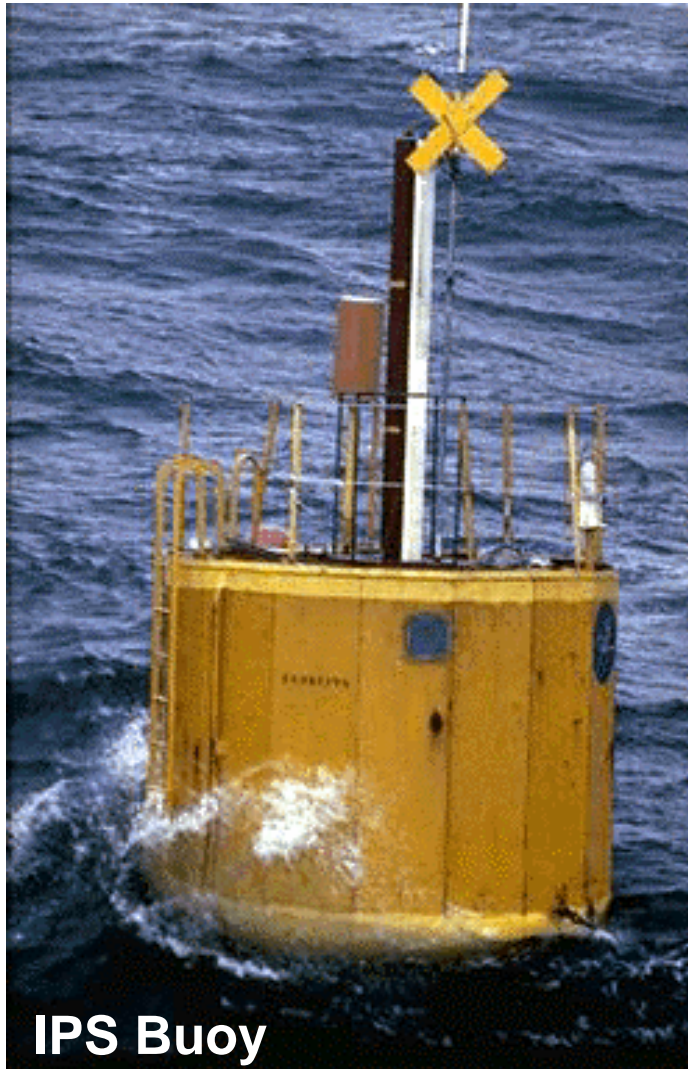


AquaEnergy Group
Group

Harvesting the Motion of the Ocean



Predecessor Technologies





IPS Buoy – Ocean Trials

Simple

Proven

Patented

Clean





Bio-fouling – 6 months



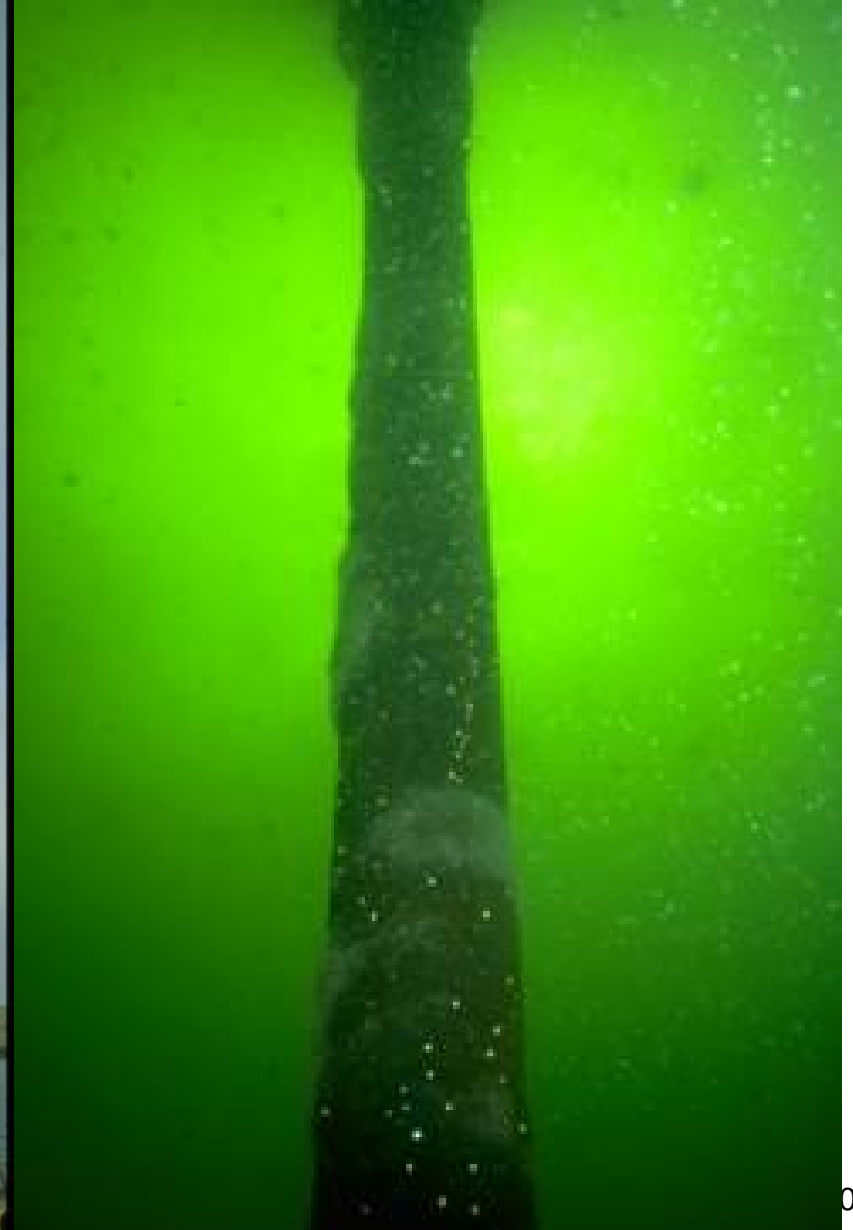


Hose-Pump Ocean Testing





Bio-fouling – Hose-Pump





Bio-fouling – Inlet Valve





Makah Bay Pilot Power Plant





Required Permits

Federal Energy and Regulatory Commission (FERC)	Tribal Historical Preservation Office (THPO)
U.S. Coast Guard	Makah Indian Nation
U.S. Fish and Wildlife Service	WA Department of Ecology
U.S. Bureau of Indian Affairs	WA Archeological and Historical Perspective
NOAA/OCNMS	WA Department of Fish and Wildlife
U.S. Army Corps of Engineers (USACE)	WA Department of Natural Resources (WDNR)
National Marine Fisheries Service	

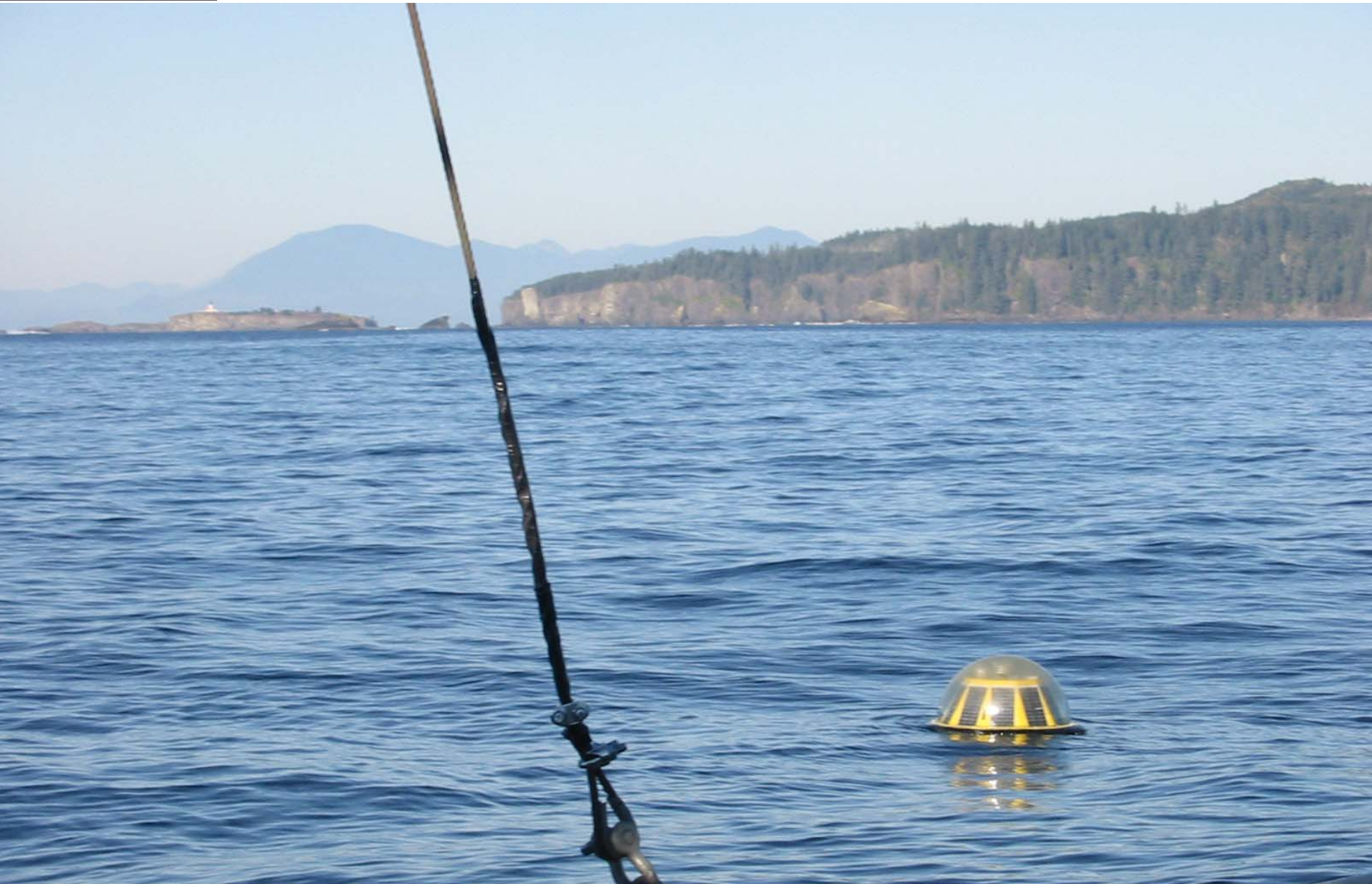


Expected Permits

- **Permits under the Joint Aquatic Resource Permits Application (JARPA)**
 - Section 404/Section 10 Permit – U.S. Army Corps of Engineers
 - Hydraulic Project Approval – Washington Department of Fish and Wildlife
 - Aquatic Lands Use Authorization – Washington Department of Natural Resources
- **Additional permits:**
 - OCNMS Permit, including NMFS review,
 - U.S. Fish and Wildlife review,
 - Archeological evaluation - Makah Tribal Council
 - Aid to Navigation Permit - U.S. Coast Guard



Wave Monitoring Buoy - AXYS



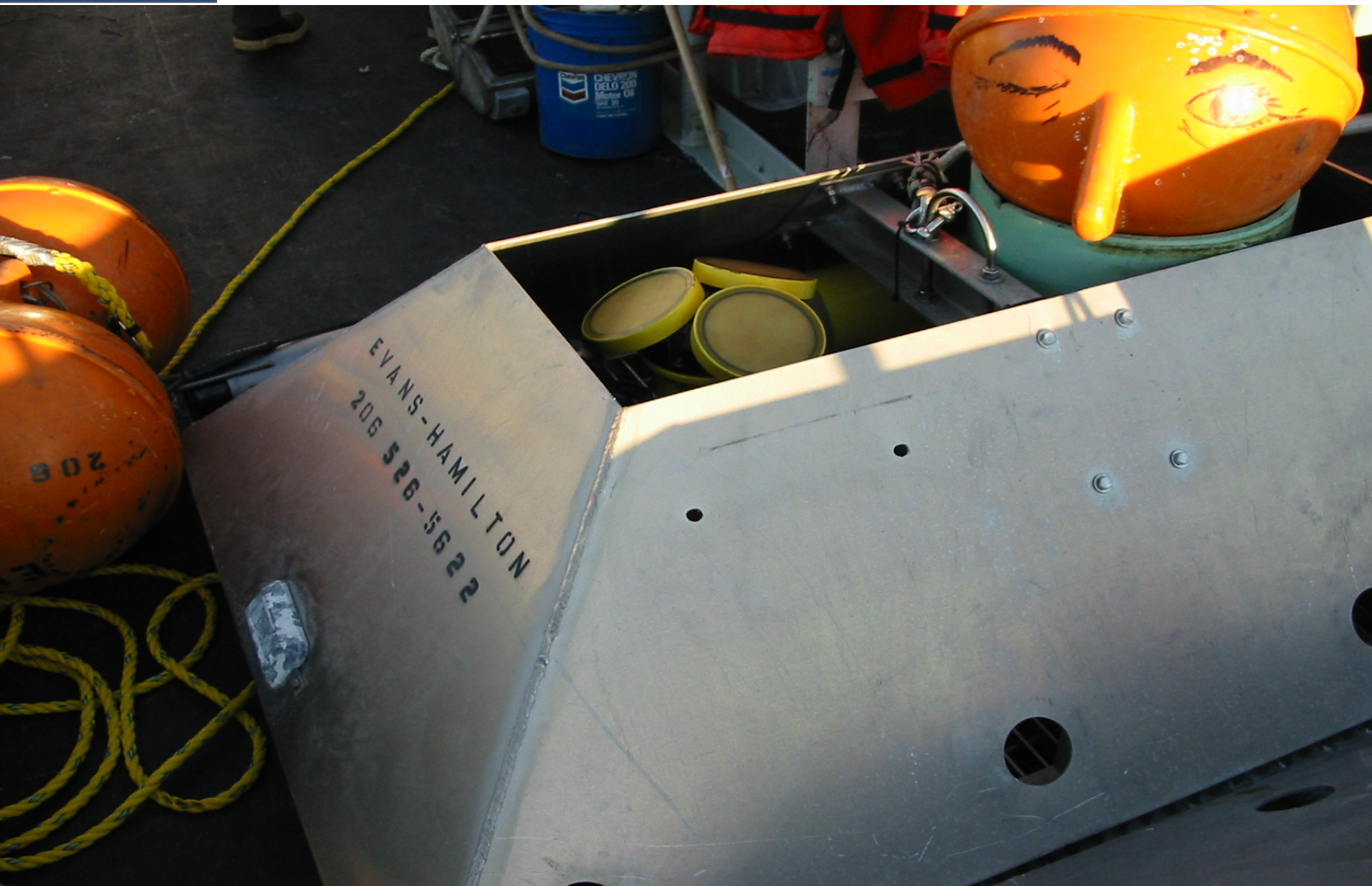


Sedimentation Measuring Buoy





Current Meter – Evans-Hamilton





Current Meter Deployment – E-H





Sediment Sampling





OCNMS EA Document

- **Oceanographic study**
- **Sedimentation and Current Flow study**
- **Literature review: marine EMF issues**
- **Marine Photography**
- **NEPA and SEPA Compliance**
- **OCNMS coordination with state and federal agencies**
- **Acoustic output study**
- **Eel Grass Analysis**
- **Gray Whale/marine mammal migration route analysis**