



Wave Glider Mission Services

With You Every Step of the Way

We offer a range of services to help make your Wave Glider mission a success. Whether you are deploying a single Wave Glider or a full fleet, our skilled team will work with you to develop and implement a comprehensive plan for a well-executed mission.

MISSION PLANNING

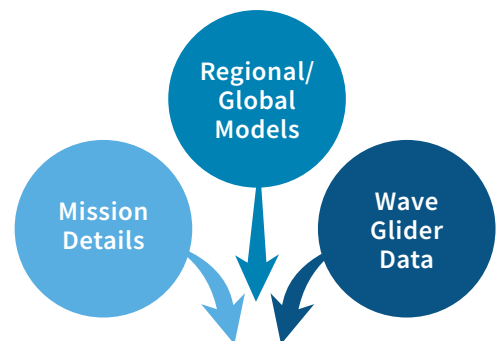
Let our experienced team partner with you on a plan for mission success. A thorough mission plan includes:

- Operations logistics and navigation plan
- Piloting tasks and escalation instructions
- Operational risk assessment
- Record of communications with local authorities and permitting
- Key stakeholders and contact information

Operational Risk Assessment

In the Operational Risk Assessment, we simulate your exact mission to determine the likelihood of success and identify expected risks.

With the mission's objectives, location, dates, and Wave Glider configuration in mind, we assess regional and global models for environmental conditions, including surface currents, waves, wind, solar insolation, sea ice, temperature. Along with our extensive data repository of Wave Glider performance in various sea states and different configurations, we can tailor the mission plan for you to optimize performance and mitigate risks.



Mission Simulation Results

- Bathymetry
- Navigational Authority
- Power Margin
- Vessel Traffic
- Hazards to Navigation
- Severe Weather
- Political Interests

PRE-MISSION FIELD OPERATIONS

Once the mission plan is set, it's time to get your Wave Glider(s) in the water. We can help ensure safety and success every step of the way with mobilization services:

- Operational logistics planning
- Transportation and handling
- Prelaunch preparation
- Launch

MISSION OPERATIONS

When your mission goes live, we've got you covered with a range of maritime operations and data reporting services, including:

- Piloting (see additional details below)
- Forecasting & monitoring
- Mission deviation & incident management
- Operational updates & vehicle performance
- Data integrity verification

Piloting Services

Experienced Wave Glider pilots are available 24/7/365 to help ensure repeatable and consistently regimented operations. Duties include:

- Checklists for all aspects of mission (pre/post launch, daily monitoring, recovery)
- Wave Glider performance monitoring
- Event-based piloting and data harvesting
- Marine traffic & meteorological monitoring for situational awareness
- Error/alarm management; escalation & incident command

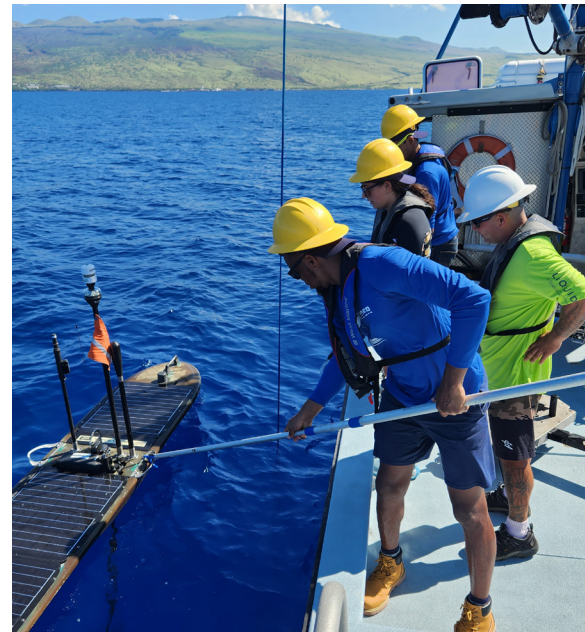
POST-MISSION FIELD OPERATIONS

After your mission wraps up, we can support you in the recovery of your Wave Glider(s) and provide all necessary steps to demobilize your assets for scheduled maintenance and/or shipment.

- Recovery
- Post-mission inspections
- Cleaning and preparation for shipment
- Transportation and handling

24/7/365 SUPPORT

Have an issue before, during, or after your mission? Our knowledgeable team of staff is available to help you.



Customer Trainings

Learn from our experts how to operate, customize, and maintain your Wave Glider in hands-on classes, either conducted at our Hawai'i Marine Operations Center or at your location of choice.

▪ Operator Training

Learn how to conduct shoreside Wave Glider operations, and practice assembly, launch and recovery.

Best suitable for: Personnel who will be preparing, launching, piloting, and recovering Wave Gliders

▪ Maintenance Training

Learn how to perform regular maintenance and in-field parts replacements on your Wave Glider.

Best suitable for: Personnel who will be performing Wave Glider maintenance

