

Metocean Monitoring

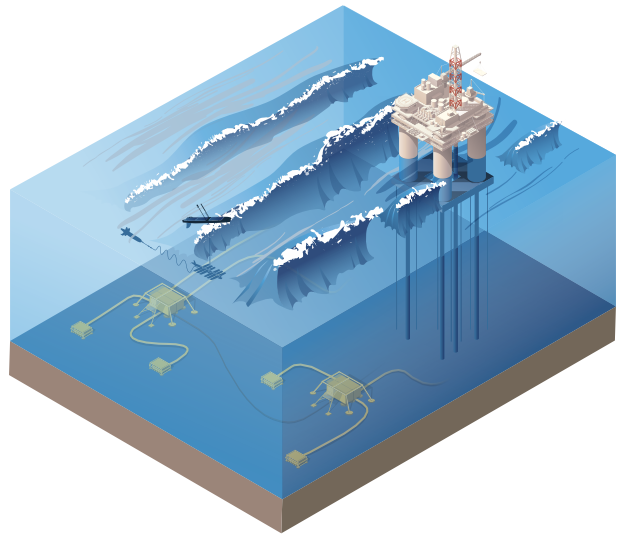
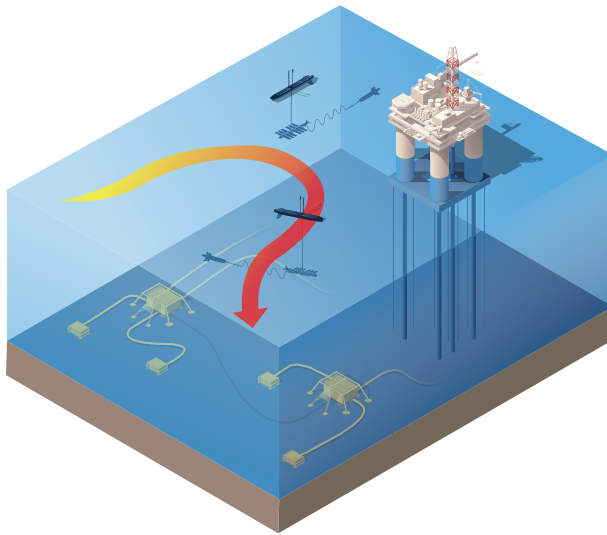
Get the metocean data you need to make more informed decisions.

The Wave Glider is an ideal platform for metocean data collection and monitoring. Increasing the quantity, quality, and timeliness of metocean data can improve the accuracy of forecasting models and provide operators in-situ measurements in near real time.

Our platform allows customers to integrate additional sensors into their Wave Glider configurations (e.g., acoustic modem). Liquid Robotics currently supports approximately 20 different sensors, but over 50 different sensor integrations have been done by customers and partners.

For metocean monitoring, oil and gas customers have used Wave Gliders to help set environmental baselines, collecting weather data including surface and water temperature, air pressure, dew point, wave height, currents, and more. Wave Gliders have also completed successful missions monitoring hydrocarbons and helping with oil spill response efforts, capabilities that were demonstrated in the aftermath of the Deepwater Horizon disaster in the Gulf of Mexico (2011). Additional mission experience includes monitoring turbidity and providing seismic operations support.

Wave Gliders are more cost-effective and reliable than buoys, and as a mobile platform, are adaptable to evolving demands and ship operations.



Read the full white paper:

[*Wave Gliders for Offshore Operations*](#)