



# Fine-Scale Positioning

INNOVASEA

## What is Fine-Scale Positioning

Fine-scale positioning is a specialized acoustic telemetry approach that combines array design and analysis techniques to deliver fine-scale animal movement information.

Innovasea's fine-scale positioning solutions support a wide range of aquatic research objectives, from behavioral studies to survival and habitat-use analyses. Through fine-scale positioning, researchers can access detailed tracking data at very fine spatial scales and frequent time intervals. Positioning data enables unmatched insights into critical behaviors that are typically difficult to track, including spawning patterns, habitat preferences, movement routes, and mortality.



## Fine-Scale Positioning Solutions

### Customized Positioning Services

Work directly with Innovasea to design a fine-scale positioning system tailored to your research objectives. Our team, using established best-practice guidelines, supports array design and study planning to help maximize position accuracy and data output for your environment.

After data collection, Innovasea analysts calculate tag positions, evaluate system performance, and deliver position datasets ready for further analysis along with recommendations to support future studies.

### DIY User Software

For researchers who prefer to manage their own analyses, Innovasea provides access to Fathom Position the subscription based DIY platform for fine-scale positioning. This option includes comprehensive training and ongoing support from an Innovasea analyst to help users confidently calculate and evaluate positions.

Once data is collected, users can calculate positions as frequently as desired and integrate the results into their own analytical workflows for detailed movement and behavioral analyses.



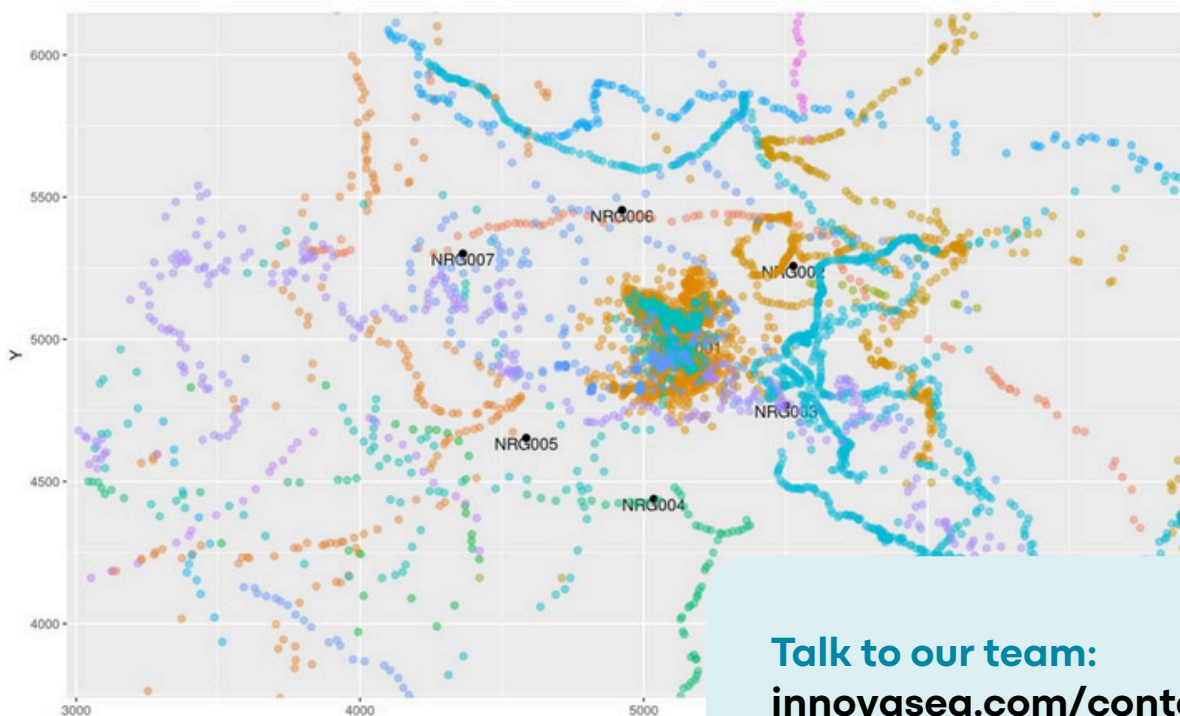
## Fish Tracking

### Ongoing Support and Consulting

Whether you choose Innovasea's customized positioning services or Fathom Position our team is available to support range testing, study design, system deployment, and data interpretation.

**For researchers seeking additional assistance, Innovasea offers full consulting services.**

Our scientists have contributed to hundreds of research projects worldwide, spanning a broad range of species and environments. Whether you're looking for onsite support, data QA/QC, interpretation of results, report writing, or something else, we have an expert ready to assist.



Example of fish position results plotted in Fathom Position.

Talk to our team:  
[innovasea.com/contact](https://innovasea.com/contact)

## Who we are

Fueled by a commitment to a more sustainable future, Innovasea is at the forefront of pioneering technologies that transform our industry, protect the oceans, and feed our world. We deliver fully integrated solutions, backed by a team of experts, to ensure users get the most out of their equipment. Together, this work advances our mission of blending innovation with environmental stewardship and global advocacy.

