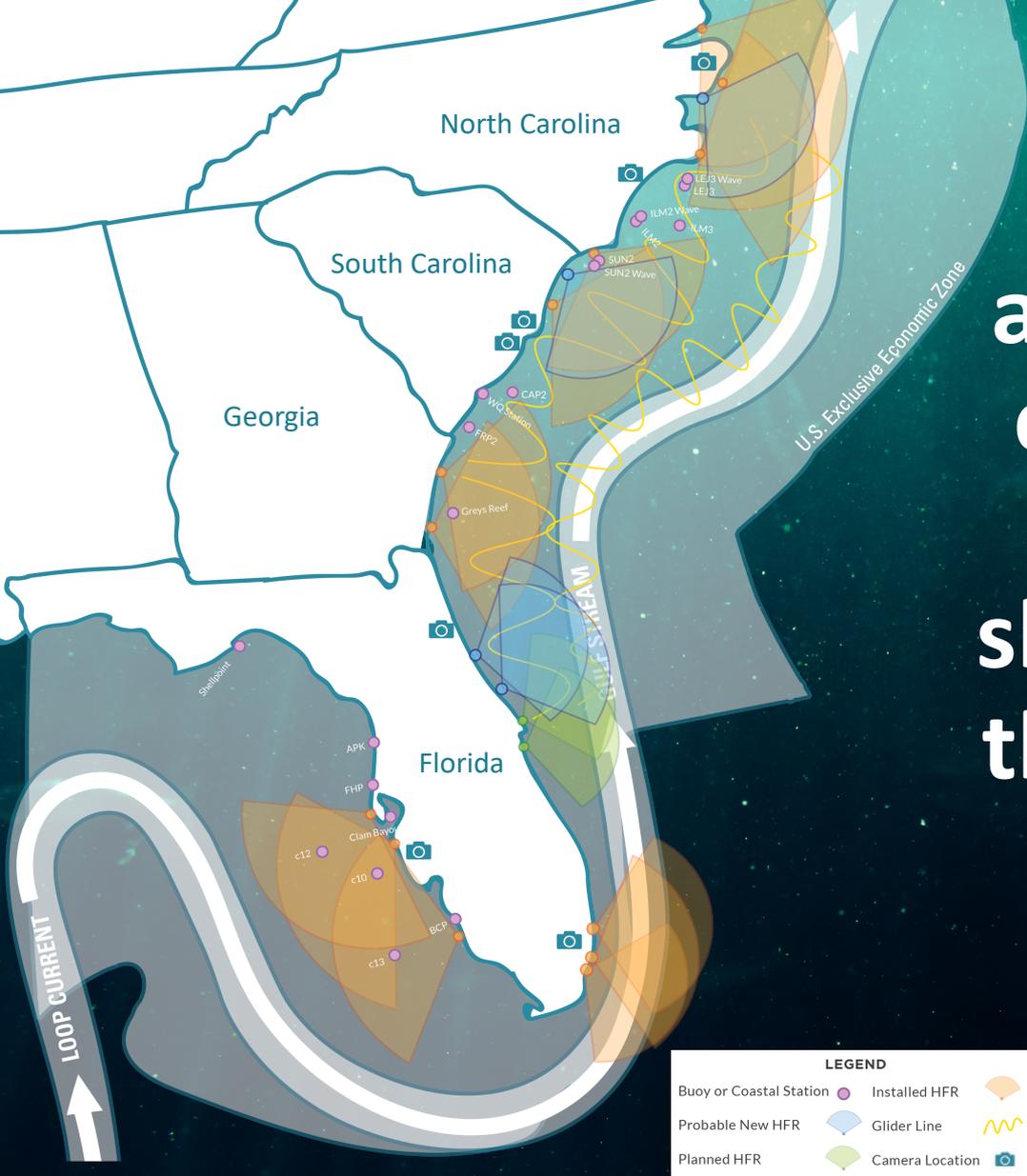


Implementation and management of a cloud-based telemetry data sharing system for the FACT Network

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The FACT Network



Objective and Approach

Objective

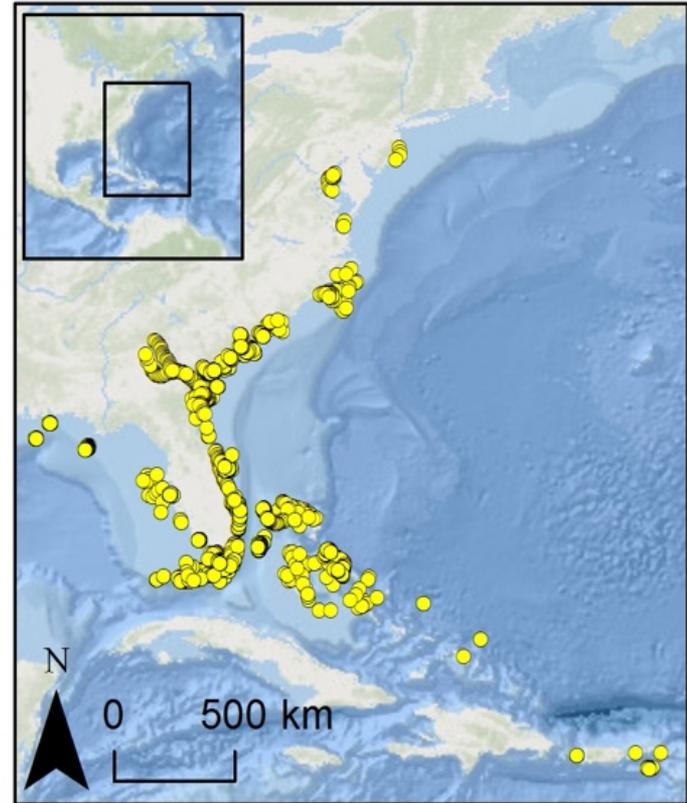
- Aggregate acoustic telemetry data in a central database (aka the 'node').
- Facilitate data sharing amongst researchers using acoustic telemetry.
- Liaise between regional nodes and stakeholders.
- Prepare data for public dissemination.

SECOORA Focus Area

- Ecosystems: Water Quality and Living Marine Resources
 - Fisheries
- Stakeholders
 - Fisheries managers
 - Industry
 - Public

Accomplishments

- Nearly (80%) transitioned from old data system to online node (Oct 2018 - May 2019).
- Already one of the largest aggregates of acoustic telemetry data in the U.S.
- 15 new partner groups (93 total).
- Submitted manuscript on the history of the FACT Network.



Receiver locations registered in the FACT Network.

Impact

- Ability to track aquatic animals over large spatial scales.
- 250 connections between scientists (tag and array projects).
- Scientific (e.g. novel movements of tripletail in Florida).
- Management (e.g. stock delineation of cobia).
- Without continued funding, data sharing would revert to person-to-person without ability to archive for future use.

