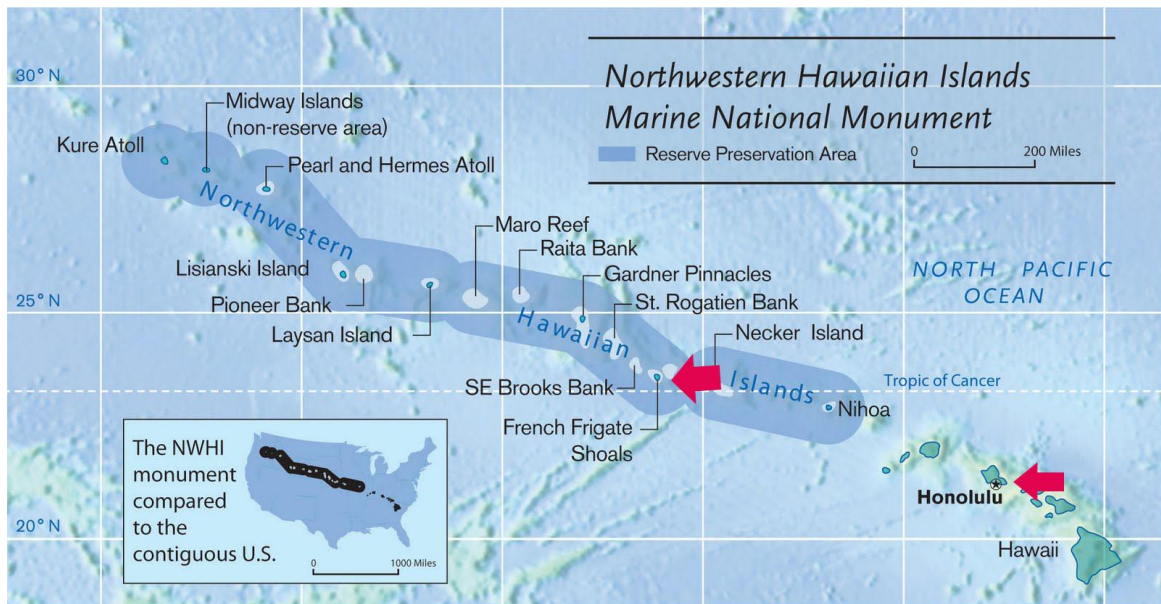


# Tracking and monitoring of Hawaiian Green Sea Turtle

Modifying OpenCTD and addition of telemetry

# Location

- Infrastructure for deployment already in place
- NOAA scientists live on French Frigate Shoals 6 months per year to monitor, track, and observe dozens to hundreds of Honu



# Potential for robust “crowd sourced” dataset

- Current models cost \$5-6k
- Only attach 4 per year



SPOT-311



SPOT-287



SPOT-352



SPOT-375



SPLASH10-F-351



SPLASH10-F-344

# Process

- Utilize currently available open source CTD (OpenCTD) and modify to allow for telemetry to Argos satellites.
- Quantify accuracy and precision of OpenCTD
- Decrease size of package to meet permitting size restrictions for sensors attached to Honu