

Overview

- Starting in 2017, team will begin developing
 - Post-cruise quality assessment of fluorometer observations (WHOI)
 - Real-time quality control for one flow-water parameter (FSU)



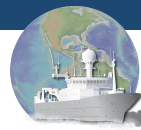
Real-time QC

- Leverage automated QC in SAMOS initiative
 - Build using expertise from operators and science community
- In addition to sea temperature and salinity, will select one additional device type:
 - pCO₂
 - Fluorometer
 - pH meter
 - Oxygen sensor

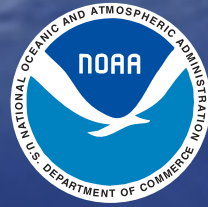


Seeking input

- Device selection for RT QC will depend on
 - Input from R2R Science Advisory Panel
 - Input from operator
 - Particularly interested in working on a device that does not have regular science evaluation
 - Also focus on sensor most widely deployed in fleet
 - Good to know present practices for maintaining installed flow-water sensors
 - Plan to send short survey to operators to identify candidate devices, where they are on the ship, and which have dedicated PIs



Questions?



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