SECOORA Regional Glider Network

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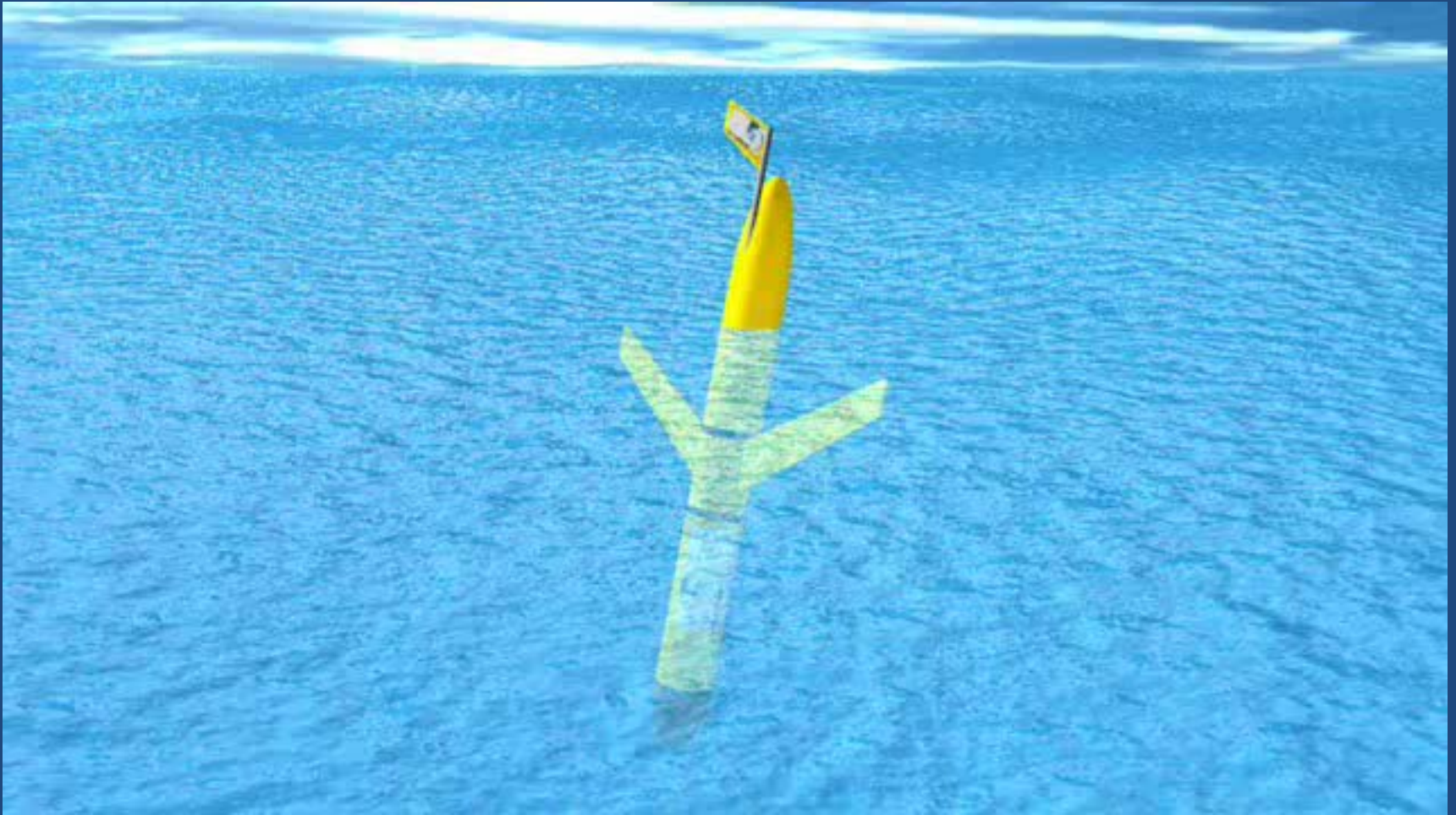# SECOORA Regional Glider Network

Collaborative team

Leverages SECOORA assets

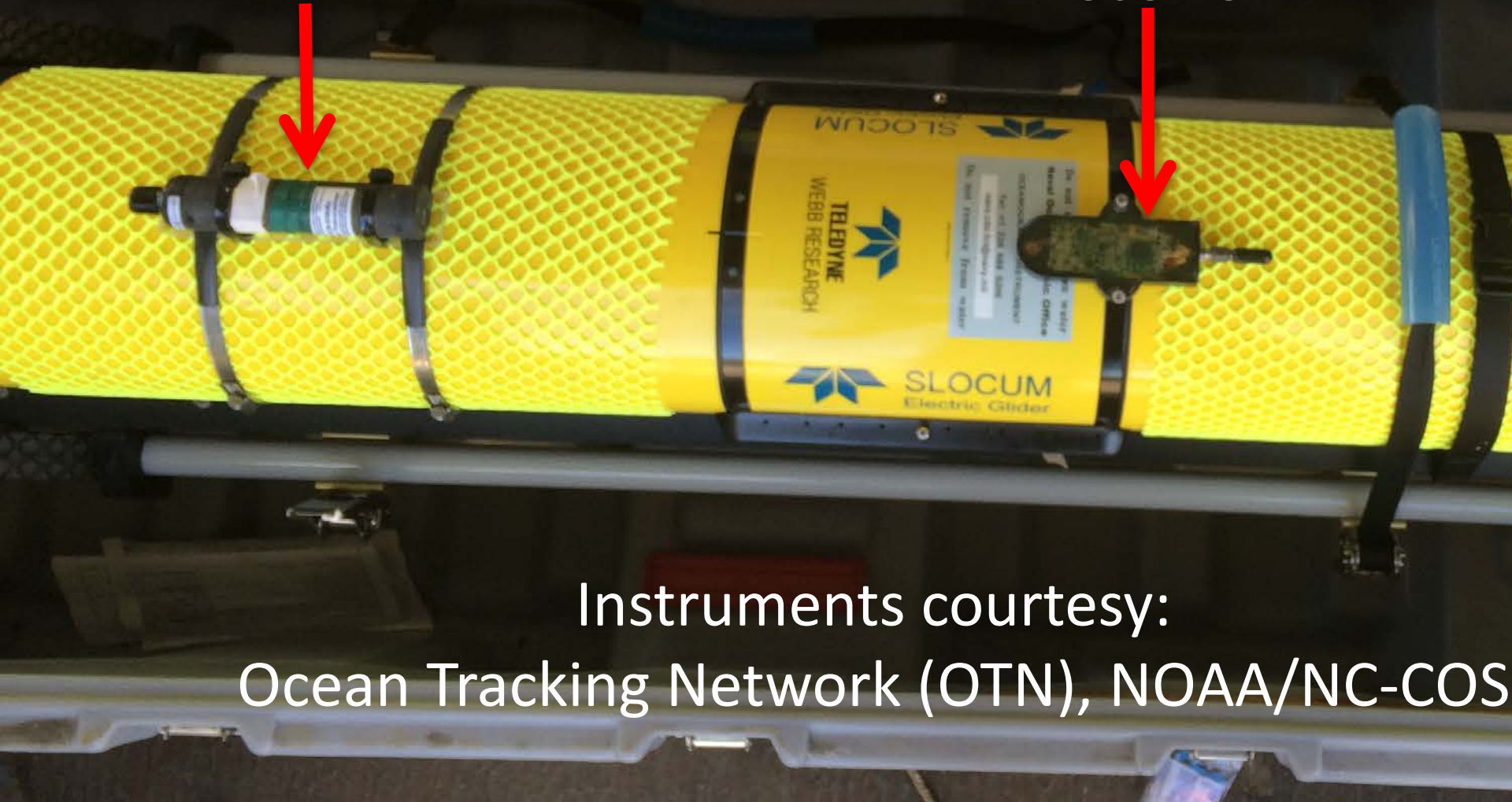Stakeholder partnerships

Products

Glider "flight"

Measures:

temperature, salinity, oxygen, organic matter,
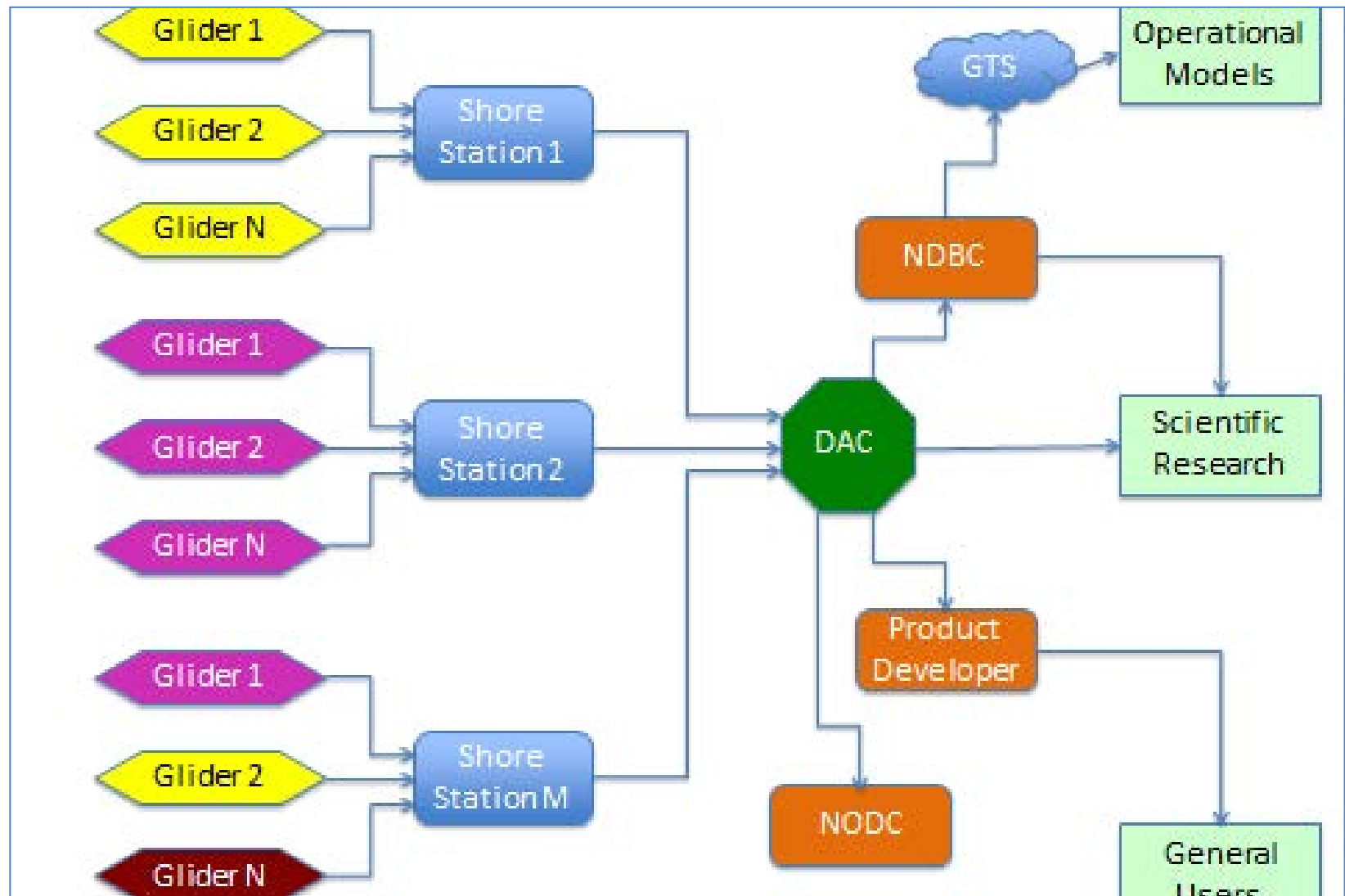backscatter, chlorophyll, currents, position

Video courtesy Sunke Schmidtko
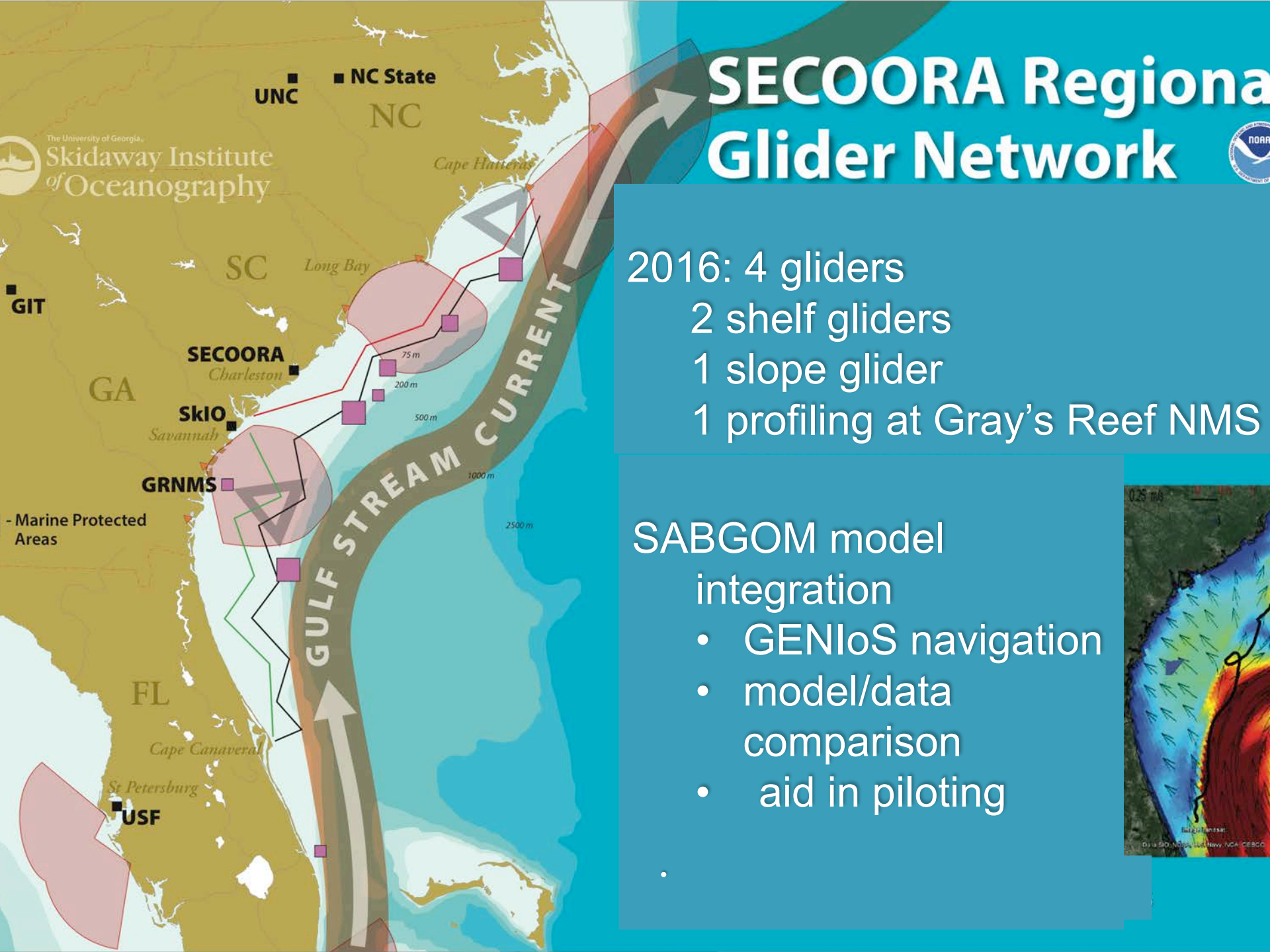
Acoustic telemetry:
Vemco VMT receiver

Passive acoustics:
"remora" receiver

Instruments courtesy:
Ocean Tracking Network (OTN), NOAA/NC-COS

Data Flow: Glider -> Data Consumers
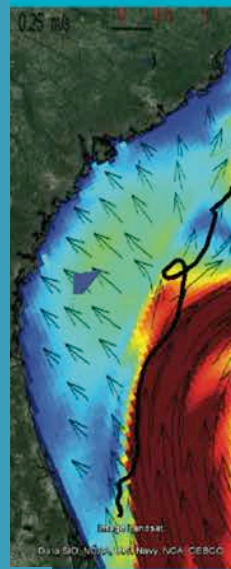
SECOORA Regional Glider Network

2016: 4 gliders
   2 shelf gliders
   1 slope glider
   1 profiling at Gray's Reef NMS

SABGOM model
   integration
   • GENIoS navigation
   • model/data
     comparison
   • aid in piloting

Many thanks to Eric Reyier and Doug Scheidt (NASA) and Jared Halonen, Todd Recicar, Kim Roberson, and Sarah Fangman (GRNMS) for deployment support and donated ship time!
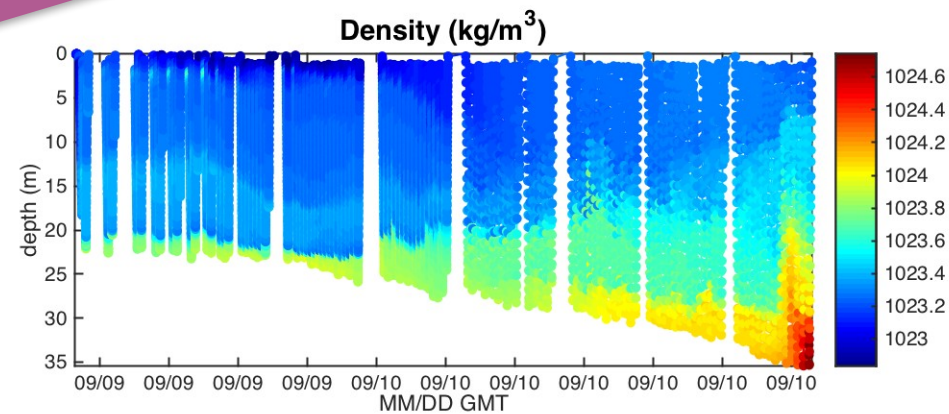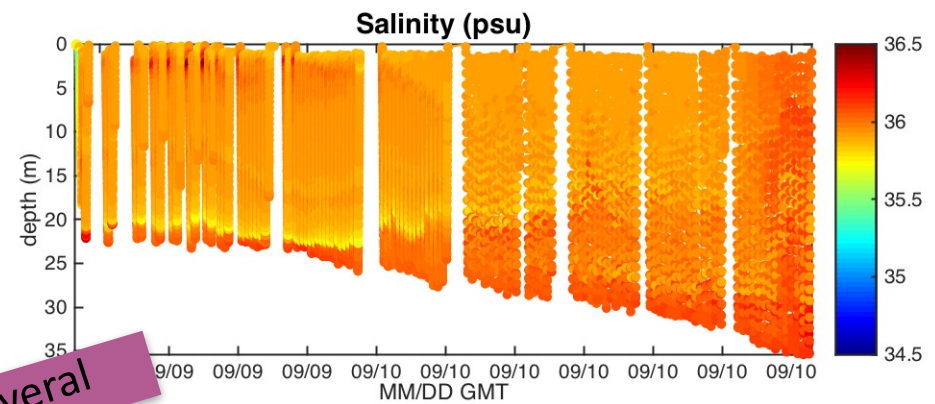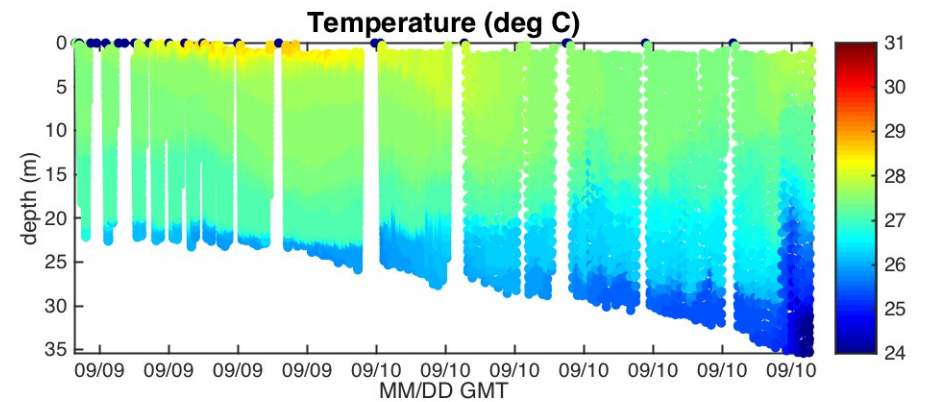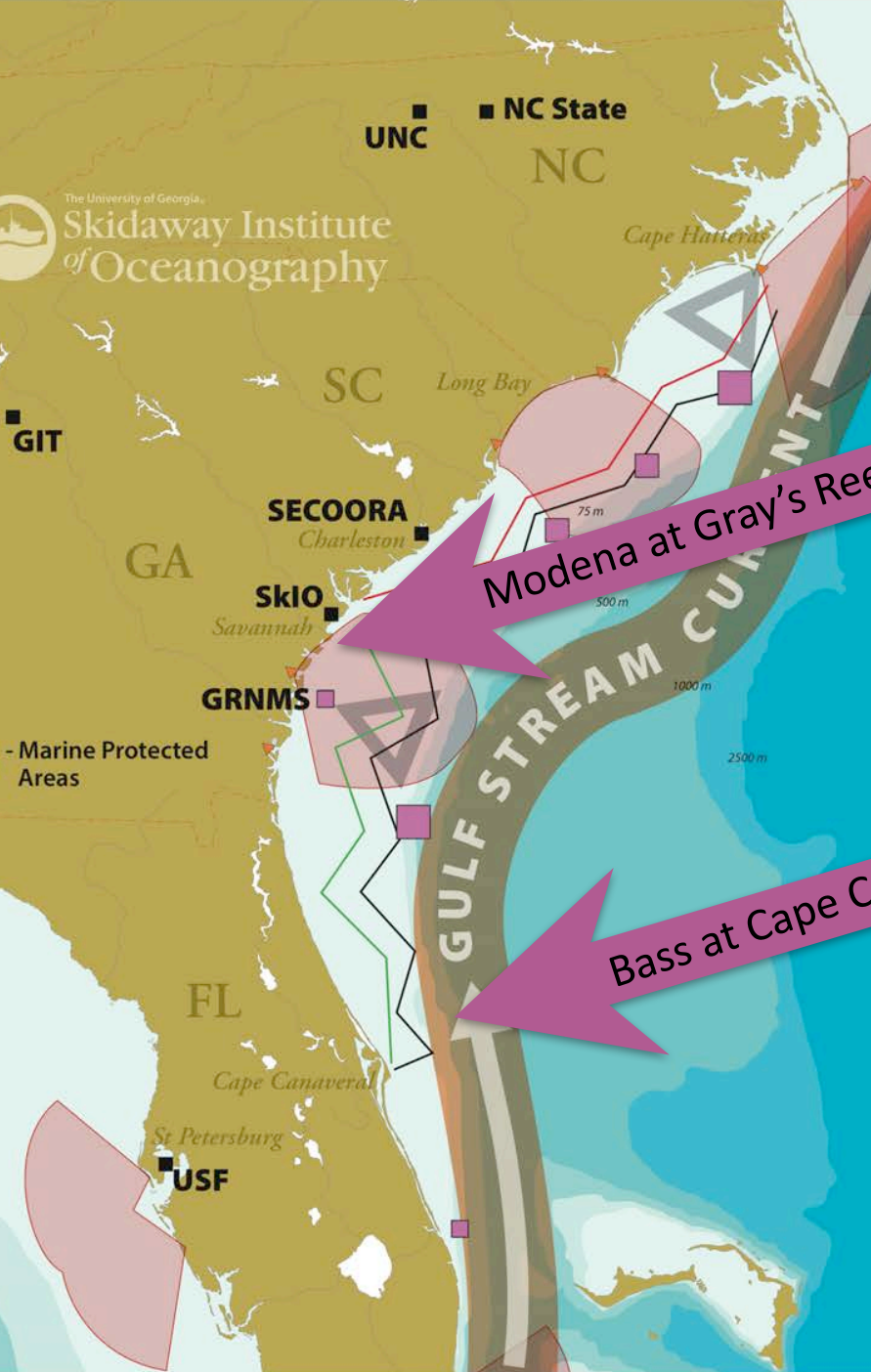
Stakeholder support

Ship time (GRNMS, NASA)

Personnel time

Equipment (OTN, NC-COS)

Guidance re coverage

GMT 2016/09/12 04:29

SECOORA Regional Glider Network

REAL TIME DATA – available via:

www.secoora.org

IOOS Glider DAC

Visualization

what are needs from PIs, stakeholders, partners?