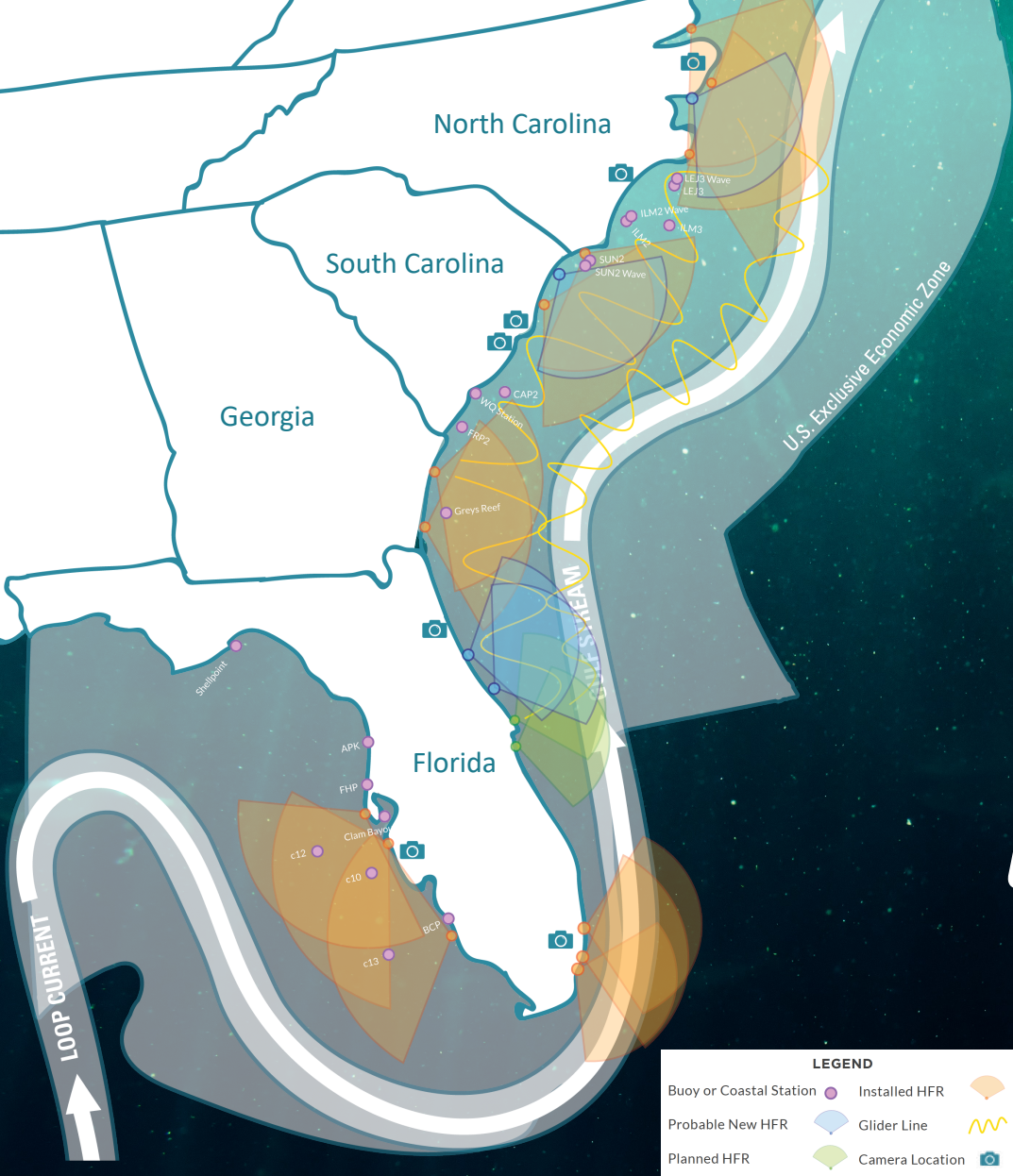


USF-COMPS Coastal Stations

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Objective and Approach

Objective

- USF/COMPS operates water level and meteorological observing systems at 5 sites
- Clam Bayou site has a full suite of water quality sensors operated in partnership with YSI/Xylem
- Big Carlos Pass has passive and active fish acoustics operated by Mote

SECOORA Focus Area

- Focus area: Marine Operations
- Multiple Stakeholders at the Federal, State and Local level:
 - Emergency Managers
 - Water Quality Managers
 - Environmental managers
 - Maritime Transportation
 - Recreational and Commercial Fishing interests

Accomplishments

- The COMPS web site and database were completely redesigned and went online on 4/15/2019. QARTOD tests were implemented for all sites in the new database.
- Clam Bayou Site was completely refurbished during the week of 5/13-17/2019 by staff from USF/COMPS, USF/IMaRS, YSI/Xylem, and FWRI
- New Test Station implemented on the USF/CMS Docks



Impact

- COMPS Water Level and Wind data were utilized by NOAA Weather Forecast Offices in Tallahassee and Tampa and NHC during and after Hurricane Michael
- Shell Point WL gauge measured just over 3 m peak storm tide and reported throughout the storm
- Local residents requested archived data after the storm
- Clam Bayou WQ data being used in studies of waste water spills in Tampa Bay

