

Discussion summary from Monday science session

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USE CASES

- “Ships and Sargassum” – How do ships and Sargassum impact one another? Why do we have extreme events/beaching involving Sargassum? Can the human interaction with Sargassum be managed? What is relationship with ship routing, marine mammals and wind? Need: AIS, Sargassum mats, mammal distributions, wind fields.
- “Organisms and their Environment” – What is the relationship between animal track/behavior and environmental data such T, S, fronts, and currents? Need: animal tagging data, altimetry, temperature, salinity, T-fronts. Example: Eels/Spawning.
- “Fishing and the Environment” – What is the relationship between fish catch and by-catch and temperature, wind and waves? Need: ICAT data, temperature, winds, waves.

Actions

- SS Commissioners get an “hands-on” trial of COVERAGE?
- SSC hires a data manager/analyst to use and mature COVERAGE?
- Add World Ocean Atlas and climatologies to COVERAGE.