

# CODAR's Recommended List of Presentations

Many excellent presentations are expected at both the upcoming MTS/IEEE Oceans'16 conference in Monterey, California and the American Geophysical Union (AGU) 49th Annual Fall Meeting held in San Francisco this Fall. Here is a select list of those having some connection to HF radar (especially SeaSonde) that are considered "must attend" by CODAR staff. We hope to see you in the audience!



## MTS/IEEE Oceans '16

**Session: Real time Quality Control of Oceanographic Data 1 / 22 Sept. / 8:30-10AM at Portola Cotton Wood 2 Room**

- Hugh Roarty: Automated quality control of high frequency radar data II.

**Session: Coastal Radars and E-M Propagation 1 / 22 Sept. / 8:30-10AM at Marriott, Los Angeles Room**

- Luz Zarate: High frequency radar oceanic current monitoring system on the Texas coast.

**Session: Coastal Radars and E-M Propagation 2 / 22 Sept. / 10:30AM- 12PM at Marriott, Los Angeles Room**

- Chloe Baskin: Effectiveness of a bistatic system on high frequency radar resiliency.
- Donald Barrick: Simulator to evaluate tsunami warning performance for coastal HF radars.
- Donald Barrick: Call sign specifically optimized for FMCW HF oceanographic radars.

**Session: 146 Next Generation of Ocean Observing Systems: Polar Region Observing Systems / 22 Sept. / 1:30AM-3PM at Marriott, Los Angeles Room**

- Josh Kohut: Project CONVERGE: Impacts of local oceanographic processes on Adélie penguin foraging ecology.



## AGU Fall Meeting

**Session OS030: Toward an International Coastal Ocean Radar Network: Technology Development, Research, Demonstration and Operational Applications. Session ID# 13034.**

- Donald Barrick: Improved model for wave extraction from compact HF coastal radars (164935).
- Elizabeth A Livermont: Extracting a 2D wave field from a shore-based direction-finding HF radar through characteristic matching with a numerical wave model (165050).
- Mike Muglia: Hourly Gulf stream position, width and orientation estimates with HF radar

off Cape Hatteras, North Carolina, U.S.A. (174436).

- Giuseppe Ciralo: CALYPSO: A new HF radar network to monitor sea surface currents in the Malta-Sicily channel (Mediterranean sea) (179434).
- Hugh Roarty: Observations of the surface circulation over the Mid Atlantic Bight continental shelf (184847).
- Jack Harlan: US Integrated Ocean Observing System HF radar network: National applications and international implementation (188169).
- John Wilkin: Comparing coastal radar wavenumber spectra for surface currents and sea level from observations by HF radar (CODAR) and CryoSat-2 Satellite Altimetry (188936).
- Arne R Diercks: HF radar signal propagation as a function of salinity-A case study in the Mississippi Sound (191944).
- Peter Rogowski: An Assessment of Seasonal Circulation Patterns in the Gulf of Tonkin, Vietnam, Utilizing a Numerical Model, HF Radar and In Situ Observations (193137).
- Lisa Hazard: National high frequency radar network (HFRNET) and Pacific research efforts (197441).
- John Largier: Tracking the surface circulation in coastal upwelling off central and northern California over long times and large areas (198967).
- John D Farrara: Assimilating high-frequency (HF) radar surface currents into a real-time California coastal ocean nowcast/forecast system (134947).
- Libe Washburn: Antenna pattern measurements for oceanographic radars using small aerial drones (152327).
- Anna Rubio: HF radar insight into coastal mesoscale eddies and associated cross shelf transports in the south eastern Bay of Biscay (NE Atlantic) (158247).

