Scientific Committee for Oceanographic Aircraft Research

University-National Oceanographic Laboratory System

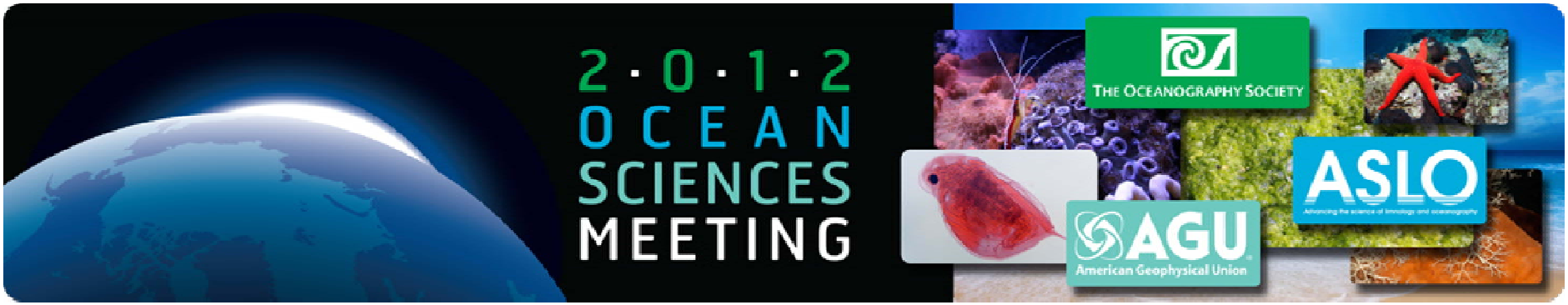
Report to the March 2012 ICSACPA Meeting

SCOAR Activities 2011/2012

- The CIRPAS facility in Marina California hosted the SCOAR Meeting in June of 2011.
- Planning continues for employment of a UAS from one of the Navy-owned, Academic operated AGOR-23 class research ships during an upcoming science mission.
- SCOAR has undertaken an outreach effort, to inform marine scientists regarding the integration of UAS into their research projects.

Outreach to the Marine Science Community

- **UNOLS and SCOAR provided a joint exhibit booth at the Salt Lake City Convention Center during the recent Ocean Sciences Meeting:**



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Interactions at Oceans 2012

- Scientists from a number of different countries (South Korea, China, Saudi Arabia, Australia, others) stopped by for briefings on UAS
- The Quad-rotor was by far the item of greatest interest.
- Discussions were held on incorporation of UAS video and geo-referencing into ship data systems, which will be followed up with Jim Holik at NSF and others at both NOAA and NASA

United States Coast Guard

Information provided by SCOAR Member and USCG Science Liaison Phil McGillivary:

- USCG is planning to demo a Scan-Eagle off their new National Security Cutter, most likely the *WAESCHE*, offshore from Santa Barbara.

- Discussions continue regarding employment of UAS on the *HEALY* for ice-ridge detection and science applications in the Arctic.

- A North Slope biologist is certified as a RAVEN pilot and plans to request options for use of the AF COA for RAVENs to try and fly off Barrow for marine mammals surveys

Upcoming SCOAR Activities

- The next meeting will be held in June or July, 2012. University of Alaska has offered to host this meeting, combining it with a visit to the Poker Flat Research Range activity site for UAS.
- Dates and location announcement will follow.

SCOAR Thanks…

- CIRPAS/NPS
- ONR
- NSF
- NOAA
- UNOLS