

*Agenda*

**Scientific Committee for Oceanographic Aircraft Research (SCOAR)**

Woods Hole Oceanographic Institution

Day 1 – Redfield Building, Room 204

Day 2 – Smith Building, Room 1

Woods Hole, MA

**June 27-28, 2013**

**Webex Log in information:**

To join the online meeting, go to:

<https://unols.webex.com/unols/j.php?ED=231632217&UID=485488942&PW=NZTUzYjg2NmQw&RT=MIMxMQ%3D%3D>

Meeting Password: aircraft13

Access code: 572 862 612

To receive a call back, provide your phone number when you join the meeting, or call the number below and enter the access code.

Call-in toll-free number (US/Canada): 1-877-668-4490

Call-in toll number (US/Canada): 1-408-792-6300

---

**Day 1, Thursday, June 27th – WHOI, Redfield 204**

**0830 Welcome and Introduction**

- Welcome by SCOAR Chair – Dan Schwartz
- Introduction of participants (at WHOI and on the web/teleconference)
- Review the Meeting Agenda

**0840 Welcome to WHOI**

**0850 UNOLS and Agency Reports**

- **UNOLS report** – Annette DeSilva (10 minutes)
- **ONR** – Tim Schnoor (15 minutes)
- **NSF Division of Atmospheric and Geospace Sciences, Lower Atmosphere Observing Facilities** – Linnea Avallone (10 minutes)
  - NSF Aircraft Facilities and Utilization
  - NSF Science use of CIRPAS Facilities
  - Status of A-10 a CIRPAS
- **NASA SUAS Operations** – Matthew Fladeland (15 minutes)
- **NOAA Aircraft Facilities and Operations** – (15 minutes)
- **NOAA's UAS Program** – John Coffey (15 minutes)
- **Interagency Working Group on Facility Infrastructure – Subcommittee on Unmanned Systems (IWG-FI SUS) Activities** – John Coffey (15 minutes)
- **ICCAGRA** – John Coffey (10 minutes)

**1035 Break**

**1055 Agency Reports – continued**

**1055 USGS Report and an Update on Raven and ScanEagle Operations — Phil McGillivary**

**1115 CIRPAS Report - UNOLS National Oceanographic Aircraft Facility – Bob Bluth (via Webex)**

- Update on CIRPAS activities, air platforms, and sensors
- Operations Schedule for 2013 and Future Plans
- Status of A-10 integration into CIRPAS
- CIRPAS NEPTUNE AUV

**1145 The AGOR / UAS Scientific Demonstration Integration for Project DYNAMO and Manta Operations – Luc Lenain**

**1215 Lunch Break**

**1300 Aircraft Operation Reports (Non-NOAF):**

- **Small Environmental Research Aircraft** – Jim Hain (20 min)
- **WHOI Unmanned Aircraft Vehicle Operations** – Report on WHOI UAV systems, operations, and planned activities – David Fisichella (20 min)
  - JetYak Demonstration, a surface autonomous vehicle outfitted with aircraft navigation and control systems
  - WHOI Air Vehicle Display (Hexcopters and Fixed-wing)
- **UAF UAV Operations and Future Plans** – Ro Bailey (20 min)
- **Texas A&M University Corpus Christi (TAMUCC)** – A report on their Certificate of Authorization (COA) allowing coastal AUV campaigns - Dr. LD Chen, TAMUCC Associate Dean of Engineering (20 min)
- **Modular Aerial Sensing System** – Luc Lenain (20 min)

**1440 Break**

**1455 UNOLS *Research Vessel Safety Standards (RVSS)* Chapter on UAS Operations – An update on the subcommittee’s tasking to draft the UAS Chapter. – Ro Bailey**

**1525 SCOAR Terms of Reference** – Review of the UNOLS Charter is required every three years. Review and discussion on the SCOAR Terms of Reference, Annex VIII of the Charter: <http://www.unols.org/info/ucharter.html#annexVIII>

**1600 Designation of National Oceanographic Aircraft Facilities (NOAFs)** – Annex II of the UNOLS Charter addresses the designation process for UNOLS National Oceanographic Facilities: <http://www.unols.org/info/ucharter.html#AnnexII>.

- Discussion on the process and criteria for designating NOAFs
- Application for NOAF Operator designation has been submitted by WHOI – Discussion

**1700** *Adjourn Day One*

**1710** **SCOAR Executive Session (~ 1 hour)**

---

**SCOAR Meeting, Day 2, Friday, June 28<sup>th</sup>, Smith Room 1**

**Web/Phone Log-In is the same as Day 1.**

**0830** **Day-2 Opening Remarks** – Dan Schwartz

**0845** **UAV Regulations, Airspace Requirements, Spectrum Allocation, etc.** – Open discussion. Meeting participants are encouraged to share information, concerns, etc. – Phil McGillivary

**0945** **SCOAR Outreach Activities:**

- Ocean Sciences 2014 Conference – Discussion on SCOAR Plans (workshop, session, posters, papers, etc.)
- Discussion on future outreach activities and venues

**1015** *Break*

**1030** **Future Business and Direction for SCOAR** – Brainstorming session.

**1100** **Other Business:**

- **OSSC Liaison Report** – Annette DeSilva
- **SCOAR Membership** – Dan Schwartz
- **Next meeting, dates and location**

**1120** **Review Meeting Action item list** and assignments

**1140** **Closing Remarks**

**1150** **Adjourn meeting**

**R/V Knorr will also be available for a tour.**