

Agenda

Scientific Committee for Oceanographic Aircraft Research (SCOAR)

University of Alaska Fairbanks - International Arctic Research Center

Day 1 - Syunichi Akasofu Building Room 501

Day 2 – Poker Flat Research Range

Fairbanks, AK

August 14-15, 2012

Day 1, August 14th - UAF International Arctic Research Center, Syunichi Akasofu Building Room 501 <http://www.iarc.uaf.edu/en/about>

8:30 am Welcome and Introduction

- Welcome by SCOAR Chair – Dan Schwartz
- Introduction of participants (at UAF and on the web/teleconference)
- Accept minutes of the June 2011 SCOAR Meeting
<http://www.unols.org/meetings/2011/201106sco/201106scomi.html>
- Review the Meeting Agenda

9:00 am Welcome to University of Alaska Fairbanks, School Activities, and R/V *Sikuliaq* Construction Update – Dr. Mike Castellini, Dean of the School of Fisheries and Ocean Science

9:30 am UNOLS and Agency Reports

- **UNOLS report** – Annette DeSilva (15 minutes)
- **ONR** – Tim Schnoor (by phone - 15 minutes)
- **NSF Division of Atmospheric and Geospace Sciences, Lower Atmosphere Observing Facilities** – Linnea Avallone (by phone - 15 minutes)
 - NSF Aircraft Facilities and Utilization
 - NSF Science use of CIRPAS Facilities
 - Status of A-10 a CIRPAS

10:15 am ~ 15 minute Break

10:30 am Agency Reports (continued)

- **NOAA Aircraft Facilities and Operations** – Michael Bonadonna (by phone - 15 minutes)
- **NOAA's UAS Program** – John Coffey (by phone - 15 minutes)
- **Interagency Working Group on Facility Infrastructure – Subcommittee on Unmanned Systems (IWG-FI SUS) Activities** – Brenda Mulac (by phone - 15 minutes)
- **Aircraft Measurements of Greenhouse Gases by NOAA Global Monitoring Division** – Colm Sweeney (15 minutes)
- **ICCAGRA** – TBD (15 minutes)

11:45 am Lunch Break

- 1:00 am CIRPAS Report - UNOLS National Oceanographic Aircraft Facility – Presenter TBD (Report prepared by Bob Bluth)**
- Update on CIRPAS air platforms and sensors
 - Personnel Support Update
 - System Upgrade Plans
 - Status of A-10 integration into CIRPAS
 - Operations Schedule for 2012 and Future Plans
 - NSF/CIRPAS MOU – Has there been an increase in new users?
 - Suggestions for SCOAR activities that could enhance CIRPAS activities.
- 1:45 pm Update on the AGOR / UAS Scientific Demonstration Integration for Project DYNAMO and Manta Operations– Luc Lenain**
- 2:15 pm Break**
- 2:30 pm University of Tennessee Space Institute - Aircraft facilities and Research Operations - Dr. Peter Solies**
- 3:00 pm USGS Report and an Update on Raven and ScanEagle Operations — Phil McGillivary**
- 3:30 pm SCOAR Outreach Activities:**
- Report on SCOAR outreach activities in 2012 at the Ocean Sciences meeting – Annette DeSilva and Phil McGillivary
 - Discussion on future outreach activities and venues
- 4:30 pm Other Business:**
- **SCOAR Membership** – Review the current SCOAR membership and identify openings.
 - **OOSC Liaison Report** – Annette DeSilva and Raphael Kudela
 - **Next meeting, dates and location**
- 5:00 pm Adjourn Day One**
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SCOAR Meeting, Day 2 – August 15 – Poker Flat Research Range

<http://www.pfrr.alaska.edu/>

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

- 8:30 am Day-2 Opening Remarks – Dan Schwartz**
- 8:40 am Small Environmental Research Aircraft: An additional dimension for SCOAR – Jim Hain (by phone)**
- 9:00 am WHOI Unmanned Aircraft Vehicle Operations – Report on WHOI UAV systems, operations, and planned activities – David Fisichella**
- 9:20 am Flow-field Visualization and Incorporating unique capabilities into UAS which are ideal for take-off and landing on ships - Srinu Srinivasan (U. Queensland)**

9:35 am UAF UAV Operations and Future Plans – Ro Bailey or Greg Walker

10:05 am UAV Regulations and Airspace Requirements – Open discussion. Meeting participants are encouraged to share information, concerns, etc.

10:30 am *Break*

10:45 am Future Business and Direction for SCOAR – Brainstorming session. Some of the topics for considerations could include:

- Input from attendees about the effective functions of SCOAR for the ocean sciences community and for UNOLS
- Requirements and development of instrumentation and the way to seek community input
- Sensors and Tools
- Engaging the User Community / Outreach
- Open Discussion

11:30 am Review Meeting Action item list and assignments

11:40 am Closing Remarks

11:45 am Adjourn meeting

Lunch at a local restaurant

Poker Flat Research Range Tour – Following the meeting, participants will have an opportunity to tour the Poker Flat Research Range. Depending on the weather and availability of pilots/aircraft, a flight might be possible. The tour is expected to last 1 or 2 hours (depending on whether or not there is a flight).