**OIB Science Team Meeting: Sea Ice**

*24-25 June 2014, University of California, Irvine*

Attending all or part of meeting (not inclusive): R-Menge, Farrell (by phone), Kurtz, Harbeck, Instrument Team [ATM, DMS, Snow radar], Flight Team Reps, NSIDC Reps, Ben Holt (JPL)

**Location:** B #417/Croul Hall, Rm 3101 (for joint session); Rm. TBD for sea ice break out

**Start Time**: 9:00 local

**Meeting Website:** http://www.ess.uci.edu/icebridge2014

**Remote connection** (available from 0845-1700 PDT):

AUDIO CONFERENCE ACCESS INFORMATION:

\* USA Toll-Free: 888-684-8852

* USA Caller Paid/International Toll: 215-446-0155
* ACCESS CODE: 6693950
* SECURITY CODE: 8801

WEB MEETING ACCESS INFORMATION:

\* Web Meeting Address: https://www.webmeeting.att.com

\* Meeting Number(s): 8886848852 or 2154460155

\* ACCESS CODE: 6693950

* SECURITY CODE: 8801

**Day 1: Tuesday, 24 June**

*Joint sessions with entire OIB Team*

0900 Welcome and Announcements (Rignot and UCI Admin)

0905 Comments and direction from project and program (Studinger, Wagner)

1. OIB Programmatic Status at NASA HQ
2. Independent review of IceBridge

0920 NSIDC: Recent modifications to OIB data portal (Tanner)

1040 2015 Arctic campaign (Studinger, Hansen)

1. Using Wallop’s C130, since P-3 is being re-winged
2. Instruments

1010 Arctic Radiation-IceBridge Sea & Ice Experiment (ARISE): Mission profile (Hansen)

1030 Break

*OIB Sea Ice Team Breakout*

1045 Draft and prioritize flight lines for 2014 Antarctic campaign

1. Configuration

* DC-8, Punta-based
* Instrumentation: ATM, DMS, MCoRDS, snow radar, KU radar, KT-19, Gravimeter, albedo instrumentation (TBD)

1. Review previous recommendations: Punta-based
2. Outline possible coordinated flights with other planned activities

* Polarstern cruise, Dec/Jan
* Others?

1. Amend, name and prioritize flight line recommendations

1200 Lunch

1300 Continue: Flight line recommendations for 2014 Antarctic campaign

1400 IceBridge Sea Ice Observations and Products

1. Review of accomplishments 2013 Antarctic McMurdo-based sea ice campaign
2. Review of accomplishments of 2014 Arctic sea ice campaign

* Coverage
* Coordinated campaigns
  + ESA: CryoSat2 under flight
  + In situ
    - NRL: Barrow
    - ESA: Sachs Harbor, Station Nord
  + MEDEA: High resolution visible imagery
  + Environment Canada: Eureka

1. Status of sea ice community products data (Kurtz)

* 2014 Quicklook product
* Derived products

1. Data processing and delivery
   * + NSIDC: Reducing turnaround time (Tanner)
     + Snow radar: Data processing (Farrell/Leuschen)
     + LVIS: Fall 2013 (Kurtz, Hofton/Blair)
     + Albedo: 2014 Arctic campaign (Kurtz, Instrument Team rep)
2. Outreach
   * + Non-OIB riders on IceBridge plans (Studinger/Hansen)

1630 End of day

**Day 2: Weds., 25 June**

*OIB Sea Ice Team Breakout*

0900 Review outcome from Day 1 (R-Menge)

0915 Finalize sea ice flight line recommendations for 2014 Antarctic campaign

1030 Looking ahead

1. ARISE: Summer 2014

* Instrumentation: LVIS, geolocated imagery, reflectivity
* Review sea ice flight line recommendations
* Discuss data processing and derived products
* Possible coordination:
  + ONR MIZ
  + SIZRS
  + IceSat2: MABEL summer 2014

1. IceBridge: 2015 Arctic campaign

* Impacts of C130 versus P3?
* Flights out of Svalbard?

1. Other

* Fall 2015: Coordination with ONR Sea State DRI (Holt)

1130 Odds ‘n ends

1. OIB Mid-Term Review, Sea Ice: Formulating plan for response
2. OIB Science Team Meeting, January 2015: Invited participants
3. Deploying air-dropped buoys

1230 End of day