

PARCA/OIB Science Team Meeting: Sea Ice
28-30 January 2014, Goddard Space Flight Center, Greenbelt, MD

Tues., 28 Jan: PARCA Meeting (full agenda provide by Charles Webb)

Weds., 29 Jan: IceBridge Sea Ice Open Science Meeting

Objective: Review and advance the status of OIB Sea Ice Community Products

Remote connection (available from 0800-1700 EST):

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

The first time you use the Web Meeting Service, you will need to download the client software. Web Meeting HELP & Software Downloads can be found at: <https://www.webmeeting.att.com>

0830 Convene: Introduction and Welcome (Richter-Menge)

- Workshop objectives
- Draft flight lines for IceBridge 2014 Arctic campaign

0915 Current Efforts – Successes and Challenges in Generating and Using IceBridge Sea Ice Products

(~ 10 min. per presentation)

- 5 years of IceBridge coverage over the Arctic Basin (R-Menge)
- Update on status of OIB sea ice products (Kurtz)
- Comparison of 2012 quick look and standard sea ice products (Kurtz)
- New instrumentation on P3: Albedo (Chibisov)
- IceBridge Photogrammetric Digital Surface Model (Arvesen/Dotson)
- Reducing the uncertainty in ice thickness estimation from altimetry (Farrell)
- Snow thickness observations: Barrow and beyond (Webster)
- Snow radar observations during ICEX2011 (Newman)
- Radar Waveforms Simulation of Sea Ice Surface Roughness (Li)
- VIIRS vs IceBridge obs (Tschudi)
- Automated method for deriving local sea level height from ATM L1B data (Xie)
- Others?

Discussion: Identify and address gaps in the collection, delivery and use of IceBridge sea ice community products

1300 Exploring Opportunities for Collaboration

(~ 10 min. per presentation)

- Harper (ONR)/Jeffries (USARC): ONR Marginal Ice Zone Project, March 2014
- Haas (York U): CryoVEx2014
- Haas: Environment Canada
- Brozena/Gardner (NRL): DISTANCE – Barrow, March 2014
- Rob Graydon: MEDEA – High resolution visible imagery
- MABEL: Alaska, Summer 2014 (Markus)
- Ben Holt (JPL): ONR Arctic Sea State DRI
- Ackley (UTSA): Ross Sea, Antarctica – 2015
- Others?

Discussion: Identifying and coordinating opportunities for collaboration

1500 Draft flight lines for IceBridge 2014 Arctic campaign: Feedback

Discussion: Optimizing flight line recommendations to address key science questions and to take advantage of identified opportunities for collaboration

1700 End of workshop

Thurs, 30 Jan: *OIB Sea Ice Science Team Meeting (team members and invited attendees only)*

Joint session of land ice and sea ice teams

0830 Guidance from HQ to OIB Science Team (Wagner, Studinger)

0900 NSIDC: New format and metgen processes for data delivery (Tanner)

Break out: Sea ice team

1000 Revise and prioritize flight lines for 2014 Arctic campaign

1300 Unfinished business

- Gaining access to the Eastern Arctic Ocean

1500 End of meeting