

PARCA/OIB Science Team Meeting: Sea Ice
28-30 January 2014, Goddard Space Flight Center, Greenbelt, MD
Building 33

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

Weds., 29 Jan: IceBridge Sea Ice Open Science Meeting (Room E108)

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

Remote connection (available from 0815-1700 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 ICES2011 (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)

- CryoSat2: Optimizing support from IceBridge (Casal)
- CryoVEx2014 (Haas)
- ONR Marginal Ice Zone Project, March 2014 (Harper /Jeffries)
- Environment Canada: Nansen Sound/Barrow Strait (Haas)
- NRL DISTANCE – Barrow, March 2014 (Brozena/Gardner)
- MEDEA – High resolution visible imagery (Richter-Menge)
- AltiKa satellite: SARAL onboard (Connor)
- MABEL: Alaska, Summer 2014 (Markus)
- ONR Arctic Sea State DRI (Holt)
- Ross Sea, Antarctica – 2015 (Ackley)
- 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)

OIB Programmatic status, Independent review, Greenland deployments (#hours, time of year, etc), what choice of aircraft/instrument platform for Antarctica 2014, Greenland 2015, etc.

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

Product format and metadata update, availability of data, scheduling, turnaround time, documentation, missings. Problems encountered by science users, instrument teams, and NSIDC staff. Do we need a formal list of product delivery? Do we need to have specifications and requirements signed off by the various partners?

0945 Brief review of land ice and sea ice flight line recommendations (Rignot/Richter-Menge)

Break out: Sea ice team

1000 Revise and prioritize flight lines for 2014 Arctic campaign

- LVIS: Summary of 2013 campaign and plans for 2014 (Hofton)

1300 Unfinished business

- Gaining access to the Eastern Arctic Ocean
- Arctic 2015: Impact of P3 maintenance
- Opportunities to participate in upcoming flights

1500 End of meeting