**OIB Science Team Meeting**

*22 June 2016, University of California, Irvine*

Science Team (Land ice): Ian Joughin, Ian Howat, Mark Fahnestock, Eric Rignot, Eric Larour (excused), Ben Smith, Lora Koenig. (Sea ice): Jackie Richter-Menge, Sinead Farrell, Mark Tschudi, Lora Koenig, Thorsten Markus, Nathan Kurtz. Tom Neumann (ex-officio).

Project Manager: John Woods; Project Scientist: Nathan Kurtz.

Program Manager: Thomas Wagner (excused), Bruce Tagg, Charles Webb.

Instrument Team: [ATM, LVIS, DMS, MCoRDS/Snow/Accum radar, Gravimeter]

Project Team, NSIDC, Guests.

**Location:** B #417/Croul Hall, Rm 3101 (joint session); Rm 1101 for sea ice break out

**Start Time**: 8:30 local

**Land ICE**

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|  | **Tuesday** | **Wednesday** |
| **Audio Conference** | No meeting | USA Toll Free: 1-866-467-6272  Passcode: 187234 |
| **Web Meeting** |  | <https://nasa.webex.com/nasa/j.php?MTID=m20455f846cb657329a96cded5ca75411>  Meeting Number: 998 847 600  Meeting Password: Cryolab\*615 |

**Sea ICE**

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|  | **Tuesday** | **Wednesday** |
| **Audio Conference** | USA Toll Free: 1-844-467-6272 Participant passcode: 493176 | USA Toll Free: 1-844-467-6272  Participant passcode: 493176 |
| **Web Meeting** | <https://nasa.webex.com/nasa/j.php?MTID=mb499924cc4304906c083c841c9e3712f>  Meeting Number: 992 959 813  Meeting Password: Cryolab\*615 | <https://nasa.webex.com/nasa/j.php?MTID=mfc1ea7b68bb8e7689b0e021d12c5b429>  Meeting Number: 994 358 109  Meeting Password: Cryolab\*615 |

**Guests (Land Ice)**: BAS (Fausto Ferraccioli, remote), AWI (TBD), UTIG (Duncan Young, TBD), Cryosat (TBD), Bedmachine (Mathieu Morlighem).

**Themes/Goals of the meeting**: Finalize the mission plan for OIB Antarctica 2016 for land ice and sea ice with a deployment on the NASA DC-8 from Punta Arenas, Chile with ATM, DMS and Cresis radar. Finalize the summer campaign 2016 in Greenland on the NASA Falcon from Barrow (sea ice) and Kangerlussuaq (land ice). Review current status of instruments (Cresis radar, AIRGrav, LVIS, ATM, etc.) and data distribution (NSIDC).

**Day 0: Tuesday, 21 June (Addition to OIB Meeting)**

*Sea ice OIB Snow Thickness on Sea Ice Working Group (STOSIWIG) Meeting, Croul Hall, 3rd floor.*

**Day 1: Wednesday, 22 June (OIB Meeting)**

*Joint sessions with Land ice / Sea ice OIB Teams*

0830 Guest arrival, coffee, set up, loading of all presentations (Bernd Scheuchl)

0900 Welcome and Announcements (Ken Janda, Jackie Richter-Menge, Eric Rignot) 5 min

0905 Comments and program direction from NASA HQ and discussion (Tom Wagner) 20 min.

0925 Comments and direction from project and discussion (Nathan Kurtz) 20 min

0945 Project management update, status of flights, summer campaigns, update on range, capabilities, instrument (John Woods) 20 min.

1005 Update on ATM – P3 / Falcon / DC-8, lessons learned (John Sonntag/Jim Yungel) 20 min

1025 Break

1045 Update on Cresis– snow thickness, radar sounder, temperate sounder, accumulation radar (Carl Leuschen /Prasad Gogineni/John Paden) 20 min

1105 NSIDC update – data status and update, discussion, action items, action plan and implementation (Steve Tanner) 20 min

1125 World View Antarctica and Greenland (Ian Howat) 15 min.

1140 Overview of flight plan for Arctic summer and Antarctic Fall (Nathan Kurtz/John Sonntag) 20 min

1200 Working Lunch

**OIB Land Ice Team/Sea Ice Team Breakout**

1230 Update on OMG (Eric Rignot) 10 min

1240 Update on OIB/Gravity 2016 and feedback (Eric Rignot) 10 min

1250 Bed machine update Greenland – Antarctica (Mathieu Morlighem or replacement) 15 min

1305 OIB Alaska (Mark Fahnestock) 10 min

1315 Update on gravity (Kirsty) 15 min

1330 Update on Cresis radar (Carl) 15 min (AWI, temperate, McCords mostly)

1345 Finalize Greenland summer campaign (John Sonntag) 20 min

1415 Break

1435 Prioritize flight lines for 2016 Antarctic campaign (John Sonntag)

1730 Adjourn

**OIB Sea Ice Team Breakout**

1300 STOSIWIG: Summary meeting, held 21 June 2016 (R-Menge)

1320 2016 Antarctic Campaign: Flight line recommendations

* + Repeat previous recommendations
  + Opportunities to coordinate
  + Support for ICESat-2

1430 Summer 2016 Arctic Campaign (Kurtz)

* + Science objectives
  + Flight line planning
  + Opportunities to coordinate

1500 Looking forward: Priorities

* + Legacy data set
  + Support for ICESat-2, Sentinel-3, CryoSat-2, others satellite assets

1530 OIB Sea Ice Community Products

* Status of archival products (Kurtz/Onana)
  + Documentation
* Lead detection: Posting as along track product
* Legacy community products: Quality assurance plan
  + Snow depth: Underway via STOSIWIG
  + Freeboard
  + Ice thickness

1700 Meeting Adjourns