

Agenda
Ice Drilling Design and Operations – Technical Advisory Board
Monday, September 9, 2013
Room 325/236 Pyle Center
University of Wisconsin - Madison
Madison, WI 53706

Introduction

- 0800 – Welcome (Charlie Bentley)
- 0805 – Logistic matters (Tony Wendricks) (*restrooms, lunches, dinner orders and transport, telephone call-in*)
- 0810 – Chairman’s opening comments (Peter Doran)
- 0815 – Additions and corrections to the Agenda
- 0820 – Summary of the new IDPO/IDDO structure and purpose (Mary Albert, Don Lebar, Mark Twickler)
- 0830 – Update from the IDPO-Science Advisory Board (SAB rep TBD, Mary Albert)

Discussion of existing systems

- 0840 -- Overview of systems and projects (Don Lebar)
- 0900 -- Review of 2012-13 season (Krissy Dahnert Slawny)
 - DISC drill / replicate coring (Nicolai Mortensen, Jay Johnson, Chris Gibson, Alex Shturmakov)
 - Future DISC/Replicate Coring System Applications (Alex Shturmakov)
- 0930 -- Agile drills
 - Review of past field seasons and plans for next (Krissy Dahnert Slawny)
 - Status of drills
 - Blue Ice Drill (Tanner Kuhl, Jay Johnson, Alex Shturmakov)
 - Shallow-depth electromechanical and electrothermal drills (Tony Wendricks)
 - Hand augers (Josh Goetz)
 - Modified hand augers (Sidewinder, Prairie Dog) (Josh Goetz)
- 1030 -- Break

Discussion of systems under development (Alex Shturmakov)

- 1100 -- Intermediate-depth drill (Jay Johnson, Alex Shturmakov)
 - Summary of current status, including SPICECores (Jay Johnson, Mark Twickler)
 - Extending depth capability; comparison with DISC Drill (*including logistic aspects*) (TBD)
 - Logistic burden vs. hole depth
- 1200 – Lunch (TBA): continue discussions

Discussion of non-IDDO drilling and systems

- 1315 – Recent events at Vostok station: an outside point of view (Pavel Talalay)
- 1330 -- Chinese drilling projects in Antarctica: Dome A, Amery Ice Shelf and Gamburtsev Mts (Pavel Talalay)
- 1345 – Update on Japanese drilling activities (Hideaki Motoyama)
- 1400 -- Update on ANDRILL (Alex Pyne)
- 1415 -- Update on Roosevelt Island drilling (Alex Pyne)
- 1430 -- Update on Lake Ellsworth access drilling (Keith Makinson)
- 1445 – ARA hot water drilling at South Pole (Jeff Cherwinka)
- 1500 – Update on European drilling activities (Steff Hansen, Frank Wilhelms)
- 1515 – Rapid Access Ice Drill (RAID) (John Goodge, by phone)
- 1530-- Break

Other discussions (discussion leader's name first)

- 1545 – Borehole logging: what should be IDDO's role? (Ryan Bay (if attending); Alex Shturmakov)
- 1600 -- Drilling fluids for the future (Pavel Talalay, Steff Hansen, Bill Eustes, Mark Twickler)
- 1615 – Hot-water drilling (Don Lebar; Keith Makinson, Frank Wilhelms, Dale Pomraning, Jeff Cherwinka)
- 1630 – Access drilling through lake- and sea-ice (Peter Doran)
- 1645 -- Long Range Drilling Technology Plan (Charlie Bentley)
- 1700 –Wrap-up and action items
- 1715 -- Adjourn