Agenda
Ice Drilling Design and Operations Group – Technical Advisory Board
April 20 & 21, 2011
Fifth Quarter Studio, Second Floor, Union South
1308 W. Dayton St
University of Wisconsin - Madison
Madison, WI 53706

Wednesday, April 20

0800 – Welcome (Bentley)
0805 – Logistic matters (Wendricks)
0810 -- Consideration and acceptance of TAB Terms of Reference
0820 – Summary of IDPO/IDDO structure and purpose (Albert)
0830 – Summary of IDPO-SAB meeting (Albert)

Discussion of existing systems
0850 -- Overview of systems and projects (Lebar)
0910 -- DISC drill (Dahnert, Johnson,)
   Review of 2010-11 season
   Plans for next season --
   logging
   more drilling in main hole
   testing replicate coring system
0950 -- Agile drills
   Review of past field seasons and plans for next (Bentley, Dahnert )
   Status of drills
   Blue ice drill (Kuhl)
   Shallow-depth electromechanical and electrothermal drills (Kuhl)
   Koci drill (Kuhl)
   Hand augers (Goetz)
   Modified hand augers (Sidewinder, Prairie Dog) (Lebar)

1030 -- Break

Discussion of systems under development

1045 -- Replicate coring drill (Gibson, Mortensen, Shturmakov, Hansen)
1125 -- Intermediate-depth drill (Johnson, Shturmakov, Hansen, Pyne, Wilhelms)
   What should be the depth capability?
   What and how much drilling fluid should be used
   What are logistic limitations?
   Other

1205 – Lunch (sandwiches brought in): continue discussions
Discussion of non-IDDO drilling and systems

1300 -- Shot-hole drill (Dahnert, Jayred)
1315 -- Russian drilling at Vostok (Talalay)
1330 -- Chinese drilling projects: Dome A and Gamburtsev Mts (Talalay, Liu, Wang)
1345 -- Japanese drilling at Dome Fuji (and elsewhere?) (Motoyama)
1400 -- Update on ANDRILL (Pyne)
1415 -- Update on Roosevelt Island drilling (Pyne)
1430 -- Update on Lake Ellsworth access drilling (Makinson)
1445 -- Mars drill test in Dry Valleys (Zacny)
1500 -- Break

Other discussions

1520 -- Drilling fluids for the future (Talalay, Hansen, Gerasimoff, Eustes, Motoyama)
1540 -- Access drilling: hot water, rapid access (Makinson, Gerasimoff, Wilhelms, Lebar, Eustes)
1620 -- Subglacial drilling: technique challenges (Talalay, Hansen?, Wilhelms?) Pardey)
1640 -- Review of Long Range Drilling Technology Plan

1700 – Adjourn
1800 – Group dinner (TBD): continue discussions

Thursday, April 21
0800 – Presentations by ICDS staff on problems they face and discussion thereof
0900 -- Updating the Long Range Drilling Technology Plan
1200 – Lunch (sandwiches brought in): continue discussions
1300 – Wrap up and action items
1400 -- Adjourn