

- 1. Executive Summary
- 2. Outstanding Scientific Questions & Current Limitations (Ian Dalziel)
 - Icesheet evolution (Sridhar, Slawek, Don)
 - Lithospheric controls on icesheet dynamics
 - Lithospheric controls on icesheet growth and decay
 - Subglacial environment
 - Continental dynamics (Andy, Doug, Rick)
 - Intraplate volcanism
 - TAM -- mountain building processes
 - W Antarctic Rift -- rifting history
 - Seismicity
 - Evolution and history of cratonic lithosphere
 - Mantle and deep earth structure and dynamics (Mike, Art)

- 3. Scientific Scope of Antarctic Array (by the above authors)

- 4. The Vision of Antarctic Array
 - Antarctic Network (Mike, Brian/Anya)
 - Regional Network/Pinwheel (Art, Brian/Anya)
 - Sector science coordinator & facility representative
 - SP Array(s) (Rick, Rhett)
 - Process oriented experiments (PASSCAL, etc.) (Doug, Andy)
 - Active Source (Sridhar, Andy Smith, Joann Stock)
 - Links to other facilities/disciplines
 - (GPS -- Bjorn/Ian, IRIS -- Rick , OBS -- Don Forsyth/Art)
 - Data management/sharing (FDSN ==> IRIS) (Rick)

- 5. E&O (Rick)

- 6. Relation to other Programs (Terry Wilson, Mike)
 - Links to other Antarctic Initiatives/Umbrella/IPY/ANTEC:
 - Potential Fields: Aerogeophysics (REVEAL), GRACE
 - Paleoclimate Records: WAIS/Cores, Drilling (An, Shal, Fast)
 - Icesheet characterization (REVEAL, GLAS, WAIS)
 - Geodesy (GPS, GRACE)
 - Vostok & subglacial lakes (SALE)
 - Links to EarthScope
 - NSF: EAR, OCE, ATM
 - Satellites (GRACE, GLAS, in-sar?)
- 7. International Collaboration: (Anya, Steve, Terry) IPY, Pinwheel
 - Optimize resources

- 8. Technical Challenges/Infrastructural Needs (Bjorn, Jim, Sridhar)
 - Existing capabilities and infrastructure & experience (Figures)
Bases/stations, automated stations (e.g., weather, AGO, seismic),
actively visited landing sites, communications, outcrops,
traverses, drilling
 - Problems & achievements
Communications, power, instruments (temperature), data download
 - Plan for advancing toward AntarcticArray
Continental Network & SP Array(s) -- over-wintering
Pinwheel/PASSCAL
Active -- sources, ships

Logistics

- 9. Timeline: Year 1, Year 2, Year 3, etc.
- 10. Recommendations
- 11. Appendices: Attendees, Agenda, Working Group Recommendations?

0th draft: May 15

Back from review: June 15

1st draft on web: July 15

Final draft: Aug 15