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Briefing Book Materials, October 27-28, 2005

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1. INTRODUCTION AND APPROVAL OF MINUTES

- [List of Office Advisory Committee members](#)
- Agenda, October 27-28, 2005
- Draft minutes, May 2005 meeting
- Draft minutes, August meeting

2. OPP DIRECTOR'S REPORT

- **Polar Icebreaker Developments**
 - [National Academy of Sciences \(NAS\) Assessment of U.S. Coast Guard Polar Icebreaker Roles and Future Needs](#) (NAS web site)
 - [National Science Foundation and Science Community Needs for Polar Ice Breakers](#) (prepared by OPP for the NAS Assessment of U.S. Coast Guard Polar Icebreaker Roles and Future Needs; PDF format, 508 Kb)
 - [Icebreaker needs presentation](#) (presented by Karl Erb to NAS at the 26 August 2005 session; PowerPoint, 8,614 Kb)
 - [Resolution National Science Board Support to NSF Director for Polar Icebreaking Issues](#)
 - [Summaries of House and Senate bills recommending funding for polar research and operations support](#)

3. INTERNATIONAL POLAR YEAR (IPY) UPDATES

- ICSU and NAS/NRC Activity:
 - [International Council for Science \(ICSU\)](#)
 - [ICSU Preliminary Planning Chart](#)
 - [National Academy of Sciences/National Research Council \(NAS/NRC\)](#)

4. NATIONAL SCIENCE FOUNDATION AND U.S. COAST GUARD AGREEMENT

- [NSF and USCG Memorandum of Agreement, August 2005](#) (PDF format, 257 Kb)

5. OAC SUBCOMMITTEE — USAP RESUPPLY OPTIONS STUDY

- **Report of the Subcommittee on U.S. Antarctic Program Resupply:**
 - [Full report with appendice](#) (PDF format, 1.5 Mb)
 - [Report without appendices](#) (PDF format, 1.4 Mb)
 - [Appendices only](#) (PDF format, 400 Kb)
- [Charter for Subcommittee](#)
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Information for Polar Programs Postdoctoral Research Fellows

6. POLAR RESEARCH SUPPORT SECTION RESUPPLY TECHNICAL STUDY

- ["Optimizing" McMurdo Station: Proposed Follow up to the OAC Resupply Subcommittee Recommendations](#) (PDF format, 21 Kb)
- [Lighter-Than-Air \(LTA\) Craft](#) (PDF format, 107 Kb)
- [Traverse as a Means of Resupply of South Pole Station and for Access to Other Locations in Antarctica](#) (PDF format, 164 Kb)
- [Wheeled Runway at South Pole](#) (PDF format, 20 Kb)
- [Commercial Business Model for Heavy-lift Intercontinental Aviation Services](#) (PDF Format, 19 Kb)

7. POLAR PROGRAMS RESEARCH OPPORTUNITIES

- [Antarctic Research Opportunities, NSF 05-567](#)
- [Arctic Research Opportunities, NSF 05-618](#)
- [Postdoctoral Fellowship Program, NSF 04-566](#)

8. OPP POLAR POSTDOCTORAL FELLOWSHIP PROGRAM — ADDITIONAL INFORMATION

- [Postdoctoral Fellowships in Polar Regions Research -- General Information](#)
- [Information Booklet for Polar Programs Postdoctoral Research Fellow, NSF 05-037](#)
- [OPP announces the new 2005 Polar Postdoctoral Fellows](#)

9. POLAR RESEARCH SUPPORT SECTION 2004 COMMITTEE OF VISITORS ISSUES

- [Polar Research Support Section 2004 Committee of Visitors Report](#) (PDF format, 100 Kb)
- [Questions addressed and recommendations made by the OPP/PRSS COV and PRSS response](#) (PDF format, 46 Kb)

10. CURRENT ROSS SEA SEA ICE CONDITIONS

- [MODIS Rapid Response System, Ross Sea subset](#)
- [DMSP infrared satellite image, Ross Sea Region, 17 October 2005](#)

11. IPY AND ARCTIC SOCIAL SCIENCES

- [Social Sciences and Humanities in the International Polar Year 2007–2008: An Integrating Mission](#)

12. MAJOR RESEARCH INSTRUMENTATION COMMITTEE OF VISITORS

- [Discussion of the Issues and Recommendations with SMART October 18, 2005](#) (PowerPoint, 121 Kb)

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