

UNITED STATES ANTARCTIC RESEARCH PROGRAM

1976 Orientation Session

List of Attendees

(Provisional)

BIOLOGY AND BIO-MEDICAL

S-001 Benthic Community Investigations at McMurdo Sound,
Antarctica

Scripps Institution of Oceanography

Location: McMurdo

*John S. Oliver

*Donna M. Oliver

*Peter N. Slattery

S-002 Lake Bonney Modeling and Environmental Monitoring of
Dry Valley Drilling Project

Virginia Polytechnic Institute & State University

Location: McMurdo, Dry Valleys

Bruce C. Parker

James A. Craft

Lawrence E. Heiskell

Bruce F. Bishop

Jeffrey T. Crate

Douglas C. Wendt, Jr.

Franklin C. Thomas Allnut

David P. Brown

Stephen L. Wendt

William Thompson

S-003 Early Season Pack Ice Studies of Antarctic Seals

University of Minnesota

Location: Palmer/Hero

Donald B. Siniff

John Bengston

BIOLOGY AND BIO-MEDICAL (Continued)

- S-004 Status and Population Dynamics of Antarctic Seals
University of Minnesota
Location: McMurdo
- Douglas P. DeMaster
 Jeanette Thomas
 Orrin Rongstad
 Valerian B. Kuechle
- S-006 Establishment of a Permanent Breeding Colony of
Antarctic Penguins
Sea World, Inc.
Location: McMurdo
- Frank S. Todd
 Scott W. Drieschman
 Frank Twohy
- S-007 Biomedical Aspects of Human Adaptation of Complex
Polar Stresses
Oklahoma Medical Research Foundation
Location: McMurdo, South Pole
- Harold G. Muchmore, M.D.
 Donna M. Muchmore
 Denise R. Rhodes
 E. Nan Scott
- S-012 Charadriiform Bird Adaptations to the Antarctic
University of Minnesota
Location: Palmer, South Georgia Island
- David F. Parmalee
 David R. Neilson
 *Brian Glass
- S-013 Adelie Penguin Behavior
Point Reyes Bird Observatory
Location: McMurdo, Palmer
- David G. Ainley

BIOLOGY AND BIO-MEDICAL (Continued)

- S-015 Endolithic Algae in the Dry Valleys
Florida State University, Tallahassee
Location: McMurdo, Dry Valleys
- E. Imre Friedmann
 Jon O. Brunson
- S-016 Circumantarctic Biological Survey
Texas A&M University
Location: Palmer
- Guy A. Franceschini
- S-017 Aerial Transfer of Organochlorine Pollutants to
 Antarctic Ecosystems
Bodega Marine Laboratory
Location: Dome C
- Robert W. Risebrough
 Peter Millikin
 John Thackray
 Roman Laba
- S-018 The Cardiovascular and Metabolic Response to Diving
 and Endocrinology of the Gravid Near Term Weddell
 Seal
Massachusetts General Hospital
Location: McMurdo
- Warren M. Zapol, M. D.
 Robert C. Schneider, M. D.
 Michael T. Snider, M. D., Ph.D.
- S-020 Behavioral and Ecological Adaptations of Pygoscalid
 Penguins
State University of New York at Syracuse
Location: Palmer
- Dietland Muller-Schwarze
 Wayne Trivelpiece
 Edward C. Waltz
 Nicholas J. Volkman

EARTH SCIENCES (Continued)

- S-051 Geodetic and Upper Atmosphere Satellite Studies
University of Texas at Austin
Location: McMurdo
- *Leslie E. Rohde
 *Kim H. Eckert
- S-052 Doppler Research and Satellite Positioning in Support
 of RIGGS
U. S. Geological Survey
Location: McMurdo, South Pole, Ross Ice Shelf
- William R. MacDonald
 *Kenneth Barker
 *Richard C. Ittner
 Dann V. Hall
 Jon E. Sorensen
 William J. Kosco
- S-053 Dry Valley Drilling Project: Borehole Logging and
 Ground Magnetic Studies
Northern Illinois University
Location: McMurdo, Dry Valleys
- Lyle D. McGinnis
 C. Patrick Ervin
 Michael G. Wolf
 Donald R. Osby
- S-055 Survey of Mt. Erebus Volcanic Activity and Analysis
 of Volcanic Rocks in the McMurdo Area
University of Nebraska, Lincoln
Location: McMurdo, Dry Valleys
- Samuel B. Treves

EARTH SCIENCES (Continued)

- S-056 Geological Test of Whether the West Antarctic Ice
 Sheet is Disintegrating
University of Maine at Orono
Location: McMurdo, Dry Valleys, Cape Crozier
- George H. Denton
 Philip Davis
 Robert Ackert
 James Bockheim
 John Pastor
- S-058 Field Search for Meteorites
University of Pittsburgh
Location: McMurdo, Dry Valleys
- William A. Cassidy
 Edward Olson
- S-059 Resource and Radioactivity Survey in Antarctica by
 Airborne Gamma-Ray Spectrometry
University of Kansas
Location: McMurdo, Dry Valleys
- Edward J. Zeller
 G. Dreschhoff
 K. Crisler
- S-060 Cenozoic Biostratigraphy of Seymour Island
Ohio State University
Location: Palmer
- David H. Elliot
 Neil Wells
- S-062 Core Logging, Curation and Summary Micropaleontological
 Evaluation of RISP Subshelf Geological Materials
Northern Illinois University
Location: McMurdo, Dry Valleys, Ross Ice Shelf
- Peter N. Webb

EARTH SCIENCES (Continued)

- S-063 Tectonics of the Antarctic Peninsula, the Sub-
Antarctic Islands of the Scotia Arc, and the Southernmost
Andes

Lamont-Doherty Geological Observatory, Columbia
University

Location: Palmer, Hero

Ian W. D. Dalziel

- S-068 Geological Investigation of the Dufek Intrusion and in
the Shackleton Range Area

U. S. Geological Survey

Location: Vicinity of Shackleton Mountains

Arthur B. Ford
Willis H. Nelson
Gerald K. Czamanske
Anthony W. England
Constance J. Nutt
C. Carlson

- S-070 Detailed Geological and Geophysical Studies in Marie
Byrd Land, Antarctica

Texas Tech University

Location: McMurdo

F. Alton Wade
John R. Wilbanks
Wesley E. LeMasurier

UPPER ATMOSPHERICS

- S-100 Active and Passive Probing of the Magnetosphere
Using VLF Techniques at Siple Station

Stanford University

Location: Siple

Robert A. Helliwell
John P. Katsufakis
*John H. Doolittle
*William C. Armstrong
Donald L. Carpenter
Chung Park
Timothy F. Bell
Evans W. Paschal
William J. Brabucco
Robert B. Flint, Jr.
Donald B. Wiggin

UPPER ATMOSPHERICS (Continued)

- S-101 Conjugate Magnetic Studies Using Three-Component
Magnetometer at Siple Station
Bell Laboratories
Location: Siple
- Louis J. Lanzerotti
- S-102 Conjugate Micropulsation Observations
University of Minnesota
Location: Siple
- John Humenansky
- S-103 High Latitude Ionospheric Absorption
University of California, San Deigo
Location: South Pole, Siple, McMurdo
- Hugh J. A. Chivers
- S-104 Antarctic Auroral Photometry
Lockheed Palo Alto Research Laboratory
Location: South Pole
- Stephen B. Mende
- S-106 A Study of the Midday Auroras at South Pole Station
University of Alaska
Location: South Pole
- See S-109
- S-107 Siple Radar Auroral Studies
National Oceanic and Atmospheric Administration
Location: Siple
- Warner L. Ecklund
David A. Carter

UPPER ATMOSPHERICS (Continued)

S-108 Antarctic Atmospheric Infrasound
University of Alaska
Location: McMurdo

Charles R. Wilson

S-109 Investigations of Cosmic Ray Intensity Variations
Bartol Research Foundation of the Franklin Institute
Location: South Pole, McMurdo

*Stewart E. Harris
Martin A. Pomerantz
*Frederick M. Kehl

S-110 Siple Station Sounding Rocket Launcher
NASA, Goddard Space Flight Center
Location: Siple

Norman E. Peterson, Jr.

GLACIOLOGY AND ADVANCED SYSTEMS APPLICATIONS

S-150 Coordination of the Ross Ice Shelf Project and the Ross
Ice Shelf Geophysical and Glaciological Survey
University of Nebraska, Lincoln
Location: McMurdo, Ross Ice Shelf

John W. Clough
John F. Splettstoesser
Karl C. Kuivinen
William Rierden
Paul Breckinridge

S-151 Geophysical Survey of the Ross Ice Shelf
University of Wisconsin
Location: McMurdo

Charles R. Bentley
Kenneth Jezek
Joseph Kirchner
Henry Pollak
Lawrence Greischar
Sion Shabtaie
Heinz Kohnen
Donald Albert

GLACIOLOGY AND ADVANCED SYSTEMS APPLICATIONS (Continued)

- S-152 Surface Glaciology of the Ross Ice Shelf
University of Maine at Orono
Location: McMurdo, Ross Ice Shelf
- Robert H. Thomas
Douglas MacAyeal
Eldon Penn
TBA
- S-154 Antarctic Ice Core Studies and Shallow Drilling
State University of New York at Buffalo
Location: McMurdo, Ross Ice Shelf
- Chester C. Langway, Jr.
Michale M. Herron
Erick Chiang
James E. Cragin
- S-156 Borehole Measurements on the Ross Ice Shelf Using
an Impulse Radar
Geophysical Survey Systems, Inc.
Location: McMurdo, Ross Ice Shelf
- Rexford M. Morey
- S-157 Drilling Operations on the Ross Ice Shelf
United States Army Cold Regions Research and
Engineering Laboratory
Location: McMurdo, Ross Ice Shelf
- John H. Rand
Steven T. Quarry
Robert A. Bigl
James S. Morse
Gerard F. Sheldon
- S-160 The Transfer of Heat and Mass Below the Ross Ice Shelf
Flinders University of South Australia
Location: McMurdo, Ross Ice Shelf
- Peter Schwertfeger

GLACIOLOGY AND ADVANCED SYSTEMS APPLICATIONS (Continued)

S-162 Seismic Anisotropic Investigations in the Minna Bluff
Area

Michigan State University
Location: McMurdo, Ross Ice Shelf

Hugh F. Bennett
Roger M. Turpening
James Adams
TBA
TBA

S-163 Subsurface Measurements of the Ross Ice Shelf
United States Army Cold Regions Research and
Engineering Laboratory

Location: McMurdo, Ross Ice Shelf

Anthony Gow

OCEANOGRAPHY

S-200 Oceanographic Investigation of the Ross Ice Shelf
Scripps Institution of Oceanography
Location: McMurdo, Ross Ice Shelf

Theodore D. Foster

S-201 The Ocean Tide Beneath the Ross Ice Shelf
Virginia Polytechnic Institute & State University
Location: McMurdo, Ross Ice Shelf

Edwin S. Robinson
Hugo Neuberg
Brian Whitehurst
Gary Moss

S-202 Physical Oceanography of the Ross Sea and Ross
Ice Shelf

Columbia University
Location: McMurdo, Ross Ice Shelf

Stanley S. Jacobs
Peter Bruchhausen
Anthony Amos
Paul McDonald
Michale Rodman
Jay Ardai

OCEANOGRAPHY (Continued)

- S-204 Quantitative Paleoclimatic Analysis of Ross Sea
Continental Shelf Sediments
University of Maine at Orono
Location: McMurdo, Dry Valleys, Ross Ice Shelf
- Thomas B. Kellogg
Davida E. Kellogg

METEOROLOGY

- S-252 The Influence of Precipitation Forming Mechanisms
on the Chemistry of the Ross Ice Shelf; Palmer
Station Radar Installation
University of Nevada, Desert Research Institute
Location: McMurdo, Ross Ice Shelf, Palmer
- Joseph A. Warburton
George O. Linkletter
Charles Cornish
Robert Kunkle
Michael Owens
Robert Young
Paul Lage
John Kleppe
John Storm
Jeff Jesch
- S-253 Atmospheric Processes and Energy Transfers at
South Pole Station
University of California, Davis
Location: South Pole
- Robert H. Hamilton
*Craig Whan
*Barry Neil
- S-254 Atmospheric Acoustic Echo Sounding
National Oceanic and Atmospheric Administration
Location: South Pole
- William Neff
Hans Ramm

METEOROLOGY (Continued)

- S-255 Aerosols of the Polar Regions
State University of New York at Albany
Location: South Pole

Austin W. Hogan
- S-256 Ice Crystal Precipitation in the Antarctic Atmosphere
University of Alaska
Location: South Pole

Takeshi Ohtake
John M. Stechman
- S-257 Geophysical Monitoring for Climatic Change in the
Antarctic
National Oceanic and Atmospheric Administration
Location: South Pole

James A. Watkins
Milton Johnson
Sam Oltmans
*Brad Halter
*TBA
- S-258 Atmospheric Electric Five-Year Measurement Program
National Oceanic and Atmospheric Administration
Location: South Pole

William E. Cobb
F. James Holitza
- S-259 Atmospheric Radiation Studies in Antarctica
University of Alaska
Location: South Pole

Ronald Peck

METEOROLOGY (Continued)

S-260 The Origin of Ice Crystals in South Pole Precipitation
University of Nevada, Desert Research Institute
Location: South Pole

Bruce M. Morley
Evan Noveroske

S-263 Meteorological Observations at South Pole Station
University of Wisconsin
Location: South Pole

Anton F. Kapela

S-264 Measurement of Aerosols in the Antarctic Stratosphere
University of Wyoming
Location: McMurdo, South Pole

David J. Hofmann
Gary L. Olson
Norman T. Kjome

S-266 Optical Phenomena in the Atmosphere
University of Wisconsin
Location: South Pole

Robert G. Greenler

INTERNATIONAL AND MISCELLANEOUS

S-301 Artists in Antarctica
Independent
Location: McMurdo, Palmer

James N. Westwater
Charles Neider

MEMBERS OF THE PRESS

Walter Sullivan, New York Times
Ronald Kotulak, Chicago Tribune
Trevor Armbrister, Reader's Digest
Jack McWethy, U. S. News & World Report

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Laurence M. Gould
Rolf C. Steyn
Norman Hackerman
Michael G. Hummer, M.D.
William M. Lokey
William North

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William Diegnan

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Mechanic, General Maintenance (McMurdo)
Field Assistant (McMurdo)
Field Assistant (McMurdo)
Field Assistant (McMurdo)
Field Assistant (McMurdo)
Field Assistant (McMurdo)
Field Assistant (McMurdo)
Satellite Camp Manager (RISP Camp)
Senior Field Assistant (RISP Camp)
First Cook (RISP Camp)
Mechanic, General Maintenance (RISP Camp)
Field Assistant (RISP Camp)
First Cook (RIGGS Camp)
First Cook (RIGGS Camp)
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