

## IV. Personnel

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*Section IV gives the names of the officers in charge of each of these bases, subsidiary stations, ships and aircraft; the number, occupation and specialization of personnel (including any designated by other Governments), who are or will be stationed at each of these bases and subsidiary stations and onboard these ships and aircraft, including the number of personnel who are members of the military services, together with the rank of any officers and the names and professional affiliations of personnel engaged in scientific activities:*

### **Oversight**

The United States Antarctic Program is managed by the National Science Foundation (NSF). The NSF designates a Senior U.S. Representative in Antarctica, and designates an NSF Representative, Antarctica, to coordinate all field activities. Unless otherwise specified, the Senior U.S. Representative in Antarctica is the Director, Office of Polar Programs (OPP), located at the National Science Foundation.

NSF Representatives in Antarctica (TBA) will be stationed at McMurdo, Palmer, and South Pole Stations during the austral summer operating season. Additionally, Raytheon Polar Services Company (RPSC), under contract to the National Science Foundation, will provide station management year round.

### **Officers in Charge of Bases**

Each U.S. station has a station manager for operations/logistics support and a station science leader. Station managers for the 2003-2004 season will be:

### **McMurdo Station**

TBA

### **Amundsen-Scott South Pole Station**

Bettie Katherine Grant	(Oct 2003 - Feb 2004)
Terry Colling	(Feb 2004 - Nov 2004)

### **Palmer Station**

Robert Farrell	(Sep 2003 - Dec 2003)
Joseph Pettit	(Dec 2003 - Apr 2004)
Gerry Ness	(Apr 2004 – Sep 2004)

## **Officers in Charge of Ships**

USCG POLAR SEA (WAGB-11)	CDR Mark Miller
Champion Class T-5 Tanker (fuel tanker)	TBA
Cargo Re-supply Vessel	TBA
<i>R/V Nathaniel B. Palmer</i>	Captain Joe Borkowski
<i>R/V Laurence M. Gould</i>	Captain Robert Verret

## Numbers, Occupations and Specialization of Personnel

### McMurdo

	Summer		Winter	
	<i>Military</i>	<i>Civilian</i>	<i>Military</i>	<i>Civilian</i>
Headquarters	32	28	0	8
Science Support	0	104	0	8
Operations	51	381	0	79
Logistics	117	139	0	30
SPSE	0	11	0	2
Engineering /Construction	0	238	0	79
Information Systems	3	107	0	15
Aviation	505	67	0	0
Scientists	0	555	0	2
Working Visitors	4	73	0	0

### South Pole

	Summer		Winter	
	<i>Military</i>	<i>Civilian</i>	<i>Military</i>	<i>Civilian</i>
Headquarters	0	6	0	1
Science Support	0	9	0	5
Operations, EH&S	0	29	0	9
Logistics	0	11	0	3
SPSE/SM	0	85	0	27
Engineering/Construction	0	14	0	4
Information Systems	0	11	0	4
Aviation	0	0	0	0
Scientists	0	50	0	9
Working Visitors	0	5	0	0

### Palmer Station

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	1	0	0
Science Support	0	5	0	4
Operations	0	7	0	5
Logistics	0	3	0	2
Engineering/Construction	0	6	0	16
Information Systems	0	3	0	2
Scientist	0	13	0	7
Working Visitors	0	6	0	4

### Beardmore Glacier / Moody Nunatak Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Camp Medic	0	1
Carpenters	0	3
Cook	0	1
Helicopter Coordinator	0	1
Helicopter Technician	0	1
Mechanic	0	1
Meteorologist	0	1
Scientists	0	47

### Byrd Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Carpenters	0	1
Scientists	0	6

### Light Ground Traverse (South Pole to Taylor Dome)

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Construction	0	1
Cook	0	1
Equipment Operator	0	1
Mechanic	0	1
Scientists	0	3
Surveyor	0	1

### Megadunes Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Equipment Operator	0	1
Scientists	0	8

### Odell Glacier

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Equipment Operator	0	1
Mechanic	0	1

### SHIPS

#### **USCGC Polar Sea**

	<i>Number of Personnel</i>
Crew	160

**Champion Class T-5 Tanker**

	<i>Number of Personnel</i>
Crew	24

**RESUPPLY VESSEL (TBA)**

	<i>Number of Personnel</i>
Crew	21

**R/V Nathaniel B. Palmer**

	<i>Number of Personnel</i>
Crew	21
Scientists/RPSC	39

**R/V Laurence M. Gould**

	<i>Number of Personnel</i>
Crew	21
Scientists/RPSC	36

## Names and Professional Affiliation of Personnel Engaged in Scientific Activities

Further details are found in Section VI (Appendix II), and are cross-referenced here according to the project identification code. (Note: suffix M=McMurdo, S= South Pole, P=Palmer Station, N=R/V Nathaniel B. Palmer, L=R/V Laurence M. Gould, E=Other). The numbers in parentheses besides the principal investigator's name represent the anticipated number of field party members. Projects are listed by scientific discipline under each major field location or platform.

### **MCMURDO STATION (M)/SOUTH POLE (S)/PALMER STATION (P)** (683 Scientists)

#### ***Aeronomy & Astrophysics*** ( 215 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Adriani (3)	A-107-M	Instituto De Fisica Dell'Atmosfera
Avery (5)	A-284-S	CIRES
Bieber (3)	A-120-M/S	University of Delaware
Binns (18)	A-149-M	Washington University
Caldwell (4)	A-103-S	SETI Institute
Deshler (3)	A-131-M	University of Wyoming
Ejiri (2)	A-117-S	National Institute of Polar Research
Engebretson (3)	A-102-M/S	Augsburg College
Gaisser (2)	A-109-S	University of Delaware
Halzen (21)	A-333-S	University of Wisconsin, Madison
Hernandez (6)	A-110-M/S	University of Washington
Holzapfel (8)	A-378-S	University of California, Berkeley
Inan (1)	A-106-S	Stanford University
Inan (3)	A-108-S	Stanford University
LaBelle (2)	A-128-S	Dartmouth College

	<u>I.D. No.</u>	<u>Institution</u>
Lange (6)	A-033-S	California Institute of Technology
Lanzerotti (3)	A-101-M/S	Lucent Technologies
Lessard (3)	A-136-S	Dartmouth College
Mende (2)	A-103-S	Space Sciences Laboratory
Morse (37)	A-130-S	University of Wisconsin
Müller (11)	A-125-M	University of Chicago
Murcay (5)	A-255-M/S	University of Denver
Novak (6)	A-376-S	University of Chicago
Rosenberg (3)	A-111-M/S	University of Maryland
Rosenberg (4)	A-112-M	University of Maryland
Sivjee (3)	A-128-S	Embry Riddle Aeronautical University
Smith David (7)	A-144-M	University of California, Berkeley
Stacey (5)	A-377-S	Cornell University
Stark (15)	A-371-S	Smithsonian Institution
Stepp (21)	A-145-M	National Scientific Balloon Facility

***Biology & Medical Research*** (147 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Ainley (12)	B-031-M	H.T. Harvey & Associates
Blanchette (4)	B-038-M	University of Minnesota
Bowser (5)	B-015-M	New York State Dept. of Health
Connell (5)	B-019-M	University of Maine
DeVries (7)	B-005-M	University of Illinois, Urbana
DiTullio (5)	B-272-M	University of Charleston
Emslie (4)	B-034-M	University of North Carolina
Fountain (6)	B-425-M	Portland State University
Garrott (8)	B-009-M	Montana State University, Bozeman
Kim (7)	B-010-M	San Jose State University
Lyons (5)	B-420-M	Ohio State University
Lyons (8)	B-259-M	Ohio State University

Marsh (7)	B-029-M	University of California
McKnight (6)	B-421-M	University of Colorado, Boulder
Palinkas (3)	B-321-M/S	University of California, San Diego
Petzel (6)	B-012-M	Creighton University
Ponganis (10)	B-197-M	Scripps Institution of Oceanography
Priscu (5)	B-195-M	Montana State University, Bozeman
Priscu (5)	B-422-M	Montana State University
Smith,Walker (12)	B-047-M	Virginia Institute of Marine Sciences
Uhle (4)	B-011-M	University of Tennessee
Virginia (6)	B-423-M	Dartmouth College
Wall (7)	B-424-M	Colorado State University

***Environmental Research*** (5 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Doran (2)	B-426-M	Department of Earth and Environmental Sciences
Dye (3)	B-027-M	University of Rochester

***Geology & Geophysics*** ( 127 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Ashworth (5)	G-294-M	Earth & Environmental Sciences
Babcock (4)	G-297-M	Ohio State University
Butler (5)	G-090-S	Incorporated Res. Inst. For Seismology
Dalziel (6)	G-087-M	University of Texas Austin
Goodge (10)	G-291-M	University of Minnesota
Hammer (6)	G-298-M	Augustana College
Harvey (5)	G-057-M	Case Western Reserve University
Harvey (9)	G-058-M	Case Western Reserve University
Johns (3)	G-295-M	UNAVCO/UCAR
Kemerait (10)	G-078-M	United State Air force
Kyle (7)	G-081-M	New Mexico Institute of Mining & Technology
Miller (7)	G-094-M	Vanderbilt University

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (5)	G-052-M	United States Geological Survey
Renne (3)	G-064-M	University of California, Berkeley
Retallack (8)	G-299-M	University of Oregon
Tauxe (4)	G-182-M	Scripps Institute of Oceanography
Taylor (6)	G-095-M	University of Kansas, Lawrence
Taylor E. (6)	G-293-M	University of Kansas, Lawrence
Wiens (8)	G-089-M	Washington University
Wilson (10)	G-079-M	Ohio State University

**Glaciology** (73 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Anandakrishnan (7)	I-205-M	Pennsylvania State University
Conway (4)	I-210-M	University of Washington
Conway (6)	I-209-M	University of Washington
Cuffey (6)	I-161-M	University of California, Berkeley
Hall (6)	I-196-M	University of Maine
Hamilton (5)	I-178-M	University of Maine
Kreutz (5)	I-191-M	University of Maine
MacAyeal (11)	I-190-M	University of Chicago
Mayewski (4)	I-153-M	University of Maine
Scambos (8)	I-186-M	University of Colorado, Boulder
Severinghaus (4)	I-184-M	University of Rhode Island
Sowers (5)	I-177-M	Pennsylvania State University
Stone (6)	I-175-M	University of Washington
Thiemens (3)	I-165-M/S	University of California, San Diego

**Ocean & Climate Systems** (64 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Eicken (4)	O-253-M	University of Alaska, Fairbanks
Eisele (29)	O-176-M/S	Georgia Institute of Technology

Hansen (2)	O-314-M	Magee Scientific Company
Hofmann (12)	O-257-S	National Oceanic and Atmospheric Admin.
Stearns (3)	O-202-M/S	University of Wisconsin, Madison
Stearns (5)	O-283-M/S	University of Wisconsin, Madison
Von Walden (4)	O-213-M	University of Idaho
Warren (5)	O-201-M	University of Washington

**Technical Projects** (52 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Bentley (7)	T-250-S	University of Wisconsin, Madison
Booth (2)	T-513-M/S	Biospherical Instruments
Comberiate (6)	T-008-M	NOAA
Gaston (4)	T-926-M	Office of Aircraft Services
Griffin (8)	T-927-M	Honeywell Technical Solutions Inc
Hawkins (12)	T-902-M	PHI
Kolden (4)	T-911-M/S	USAP Calibration Laboratory
Lubin (3)	T-312-M/N/P	Scripps Institution of Oceanography
Osborne (6)	T-396-M/P	University of Alaska, Fairbanks

**MCMURDO AND SOUTH POLE STATIONS** (14 Personnel)

**Writers & Artists Program** (8 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Armstrong (1)	W-219-M	N/A
Baskin (1)	W-220-M	N/A
Bledsoe (1)	W-218-P	N/A
Cokinos (1)	W-223-M	N/A
Conrad (2)	W-224-M	N/A
Larson (1)	W-221-M	N/A
Anthus-Bertrand (1)	W-217-M	N/A

**Teachers Experiencing Antarctica** ( 6 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Brogenski (1)	G-081-M	St. John's School
Ellison (1)	B-009-M	Yampah Mountain High School
Ellwood (1)	B-426-M	Rye Junior High School
Lampert (1)	A-131-M	West Salem High School
Sajor (1)	G-298-M	Peru Central School
Stoyles (1)	B-019-M	Harlee Middle School

**OTHER ANTARCTIC LOCATIONS** (25 Scientists)

**Biology and Medicine** ( 8 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kvitek (4)	B-320-E	California State University, Monterey Bay
Naveen (4)	B-086-E	Oceanites

**Geology and Geophysics** (17 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Blake (4)	G-065-E	University of Illinois, Urbana
Case (9)	G-061-E	St. Mary's College of California
Grew (2)	G-067-E	University of Maine
Mullins (2)	G-052-P	United States Geological Survey

**PALMER STATION** -( 39 Scientists)

**Aeronomy & Astrophysics** (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Inan (2)	A-306-P	Stanford University

**Geology & Geophysics** (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (2)	G-052-P	United States Geological Survey

**Biology & Medical Research (25 Scientists)**

	<u>I.D. No.</u>	<u>Institution</u>
Amsler (8)	B-022-P	University of Alabama, Birmingham
Day (5)	B-003-P	Arizona State University, Tempe
Fraser (3)	B-198-P	Polar Oceans Research Group
Fraser (5)	B-013-P	Polar Oceans Research Group
Vernet (4)	B-016-P	Scripps Institution of Oceanography

**Ocean & Climate Sciences** (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hofmann (3)	O-264-P	NOAA/CMDL
Keeling (1)	O-204-P	University of California, San Diego
Stearns (3)	O-202-O	University of Wisconsin, Madison

**Technical Projects** (3 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Lubin (3)	T-312-P	Scripps Institution of Oceanography

**R/V Laurence M. Gould/ Palmer Station** (49 Scientists)

**Biology & Medicine Program** (45 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Ducklow (8)	B-045-L/P	Virginia Institute of Marine Sciences
Measures (3)	B-225-L	University of Hawaii, Manoa
Mitchell (8)	B-228-L	University of California, San Diego
Quetin (9)	B-028L/P	University of California, Santa Barbara
Smith Raymond (3)	B-032-L/P	University of California, Santa Barbara

Veit (8)	B-023-L	City University of New York/College of Staten Isl.
Yen (2)	B-285-L	Georgia Institute of Technology
Zhou (4)	B-248-L	University of Massachusetts

**Oceans & Climate Systems** (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Steffen (4)	O-309-O	University of Colorado Boulder

**R/V Nathaniel B. Palmer** - (73 Scientists)

**Biology and Medicine Program** (35 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kiene (4)	B-002-N	University South Alabama
Jeffrey (7)	B-200-N	University of West Florida
Neale (5)	B-203-N	Smithsonian Institution
Goes (4)	B-206-N	Bigelow Marine Laboratory
Gast (8)	B-207-N	Woods Hole Oceanographic Institution
Gargett (3)	B-208-N	Old Dominion University
Kieber (4)	B-266-N	State University of New York, Syracuse

**Geology and Geophysics** (22 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stock (16)	G-071-N	California Institute of Technology
Wilson Terry (6)	G-099-N	Ohio State University

**Ocean and Climate Systems** (13 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Gordon (13)	O-215-N	Columbia University

**Technical Projects** (3 Personnel)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Lubin (3)	T-312-N	Scripps Institution of Oceanography