

## 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 2005-2006 season will be:

### **McMurdo Station**

Eric Hobday (winter over)	(12 Feb 2005 – Aug 2005)
Joseph Pettit	(Aug 2005-Mar 2006 )
TBA	(Mar 2006 – Aug 2006)

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

William Henriksen	(Feb 2005 - Nov 2005)
Bettie Katherine Grant	(Nov 2005 – Feb 2006)
TBA	(Feb 2006- Nov 2006)

### **Palmer Station**

James Slaughter (winter over)	(24 Mar 2005 -21 Feb 2006 )
Robert Farrell	( 21 Sep 2005 - Feb 2006 - )
TBA	(Feb 2006 – Sep 2006)

## **Officers in Charge of Ships**

Russian Icebreaker <i>Krasin</i>	Viktor Kovalchuk
Champion Class T-5 Tanker (fuel tanker)	TBA
Cargo Re-supply Vessel, <i>American Tern</i>	TBA
R/V <i>Nathaniel B. Palmer</i>	Captain Mike Watson
R/V <i>Laurence M. Gould</i>	Captain Mike Terminel

## Numbers, Occupations and Specialization of Personnel

### McMurdo

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	3	56	0	14
Science Support	0	65	0	8
Operations	23	305	0	79
Logistics	66	125	0	28
SPSM/SPSE	0	44	0	2
Engineering/Construction	0	115	0	90
Information Systems	0	49	0	12
Aviation	209	28	5	0
Scientists	0	149	0	0
Working Visitors	32	77	0	3

### South Pole

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	1	7	0	4
Science Support	0	7	0	5
Operations, EH&S	0	38	0	7
Logistics	0	10	0	4
SPSM/SPSE	0	91	0	43
Engineering/Construction	0	21	0	7
Information Systems	0	9	0	5
Aviation	3	12	0	0
Scientists	0	51	0	10
Working Visitors	0	42	0	1

### Palmer Station

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	6	0	2
Science Support	0	11	0	10
Operations	0	9	0	12
Logistics	0	1	0	3
Engineering/Construction	0	8	0	8
Information Systems	0	5	0	5
Scientist	0	19	0	6
Working Visitors	0	4	0	4

### West Antarctic Ice Sheet (WAIS) Divide Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Camp Supervisor, Asst	0	1
Medic	0	1
Meteorologist Technician	0	1
Cook	0	3
Heavy Equipment Mechanic	0	1
Equipment Operator	0	2
Engineering/Construction	0	10
Scientists	0	40

### **Siple Dome Camp**

	<b>Summer Only</b>	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Meteorologist Technician	0	1
General Assistant	0	1
Carpenters	0	0
Scientists	0	12

### **Odell Glacier Camp**

	<b>Summer Only</b>	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Equipment Operator	0	1

### **Lake Hoare Camp**

	<b>Summer Only</b>	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Meteorologist Technician	0	1
Scientists	0	30

### **SHIPS**

#### ***Russian Icebreaker Krasin***

	<i>Number of Personnel</i>
Crew	68

#### ***Champion Class T-5 Tanker***

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

**Resupply Vessel- American Tern**

	<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** (443 Scientists)

#### ***Aeronomy & Astrophysics*** (107 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Engebretson (0)	A-102-M	Augsburg College
Hernandez (4)	A-110-M	University of Washington
Weatherwax (0)	A-111-M	Siena College
Weatherwax (3)	A-112-M	Siena College
Bieber (1)	A-120-M	University of Delaware
Müller (13)	A-125-M	University of Chicago
Deshler (6)	A-131-M	University of Wyoming
Seo (27)	A-137-M	University of Maryland
Mitchell (11)	A-140-M	NASA
Stepp (17)	A-145-M	National Scientific Balloon Facility (NSBF)
Binns (17)	A-149-M	Washington University
Murcray (3)	A-255-M	University of Denver

#### ***Biology & Medical Research*** (167 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Devries (8)	B-005-M	University of Illinois Urbana
Manahan (6)	B-006-M	University of Southern California
Garrott (8)	B-009-M	Montana State University Bozeman

Kim (7)	B-010-M	San Jose State University
Uhle (4)	B-011-M	University of Tennessee
Bowser (3)	B-015-M	Polar Oceans Research Group
Dye (3)	B-027-M	University of Rochester
Marsh (6)	B-029-M	University of Delaware
Ainley (9)	B-031-M	H.T. Harvey & Associates
Emslie (4)	B-034-M	University of North Carolina
Blanchette (3)	B-038-M	University of Minnesota
Smith (4)	B-047-M	Virginia Institute of Marine Sciences
Priscu (4)	B-195-M	Montana State University Bozeman
Ponganis (10)	B-197-M	Scripps Institution of Oceanography
Castellini (7)	B-199-M	University of Alaska Fairbanks
Lyons (6)	B-259-M	Ohio State University
Gooseff (7)	B-268-M	Utah State University
Pitman (4)	B-289-M	National Oceanic and Atmospheric Administration
Chin (10)	B-300-M	Ohio State University
Ward (6)	B-310-M	Princeton University
Palinkas (1)	B-321-M	University of California San Diego
Conrad (8)	B-330-M	NASA
Lyons (5)	B-420-M	Ohio State University
McKnight (7)	B-421-M	University of Colorado Boulder
Priscu (6)	B-422-M	Montana State University Bozeman
Virginia (4)	B-423-M	Dartmouth College
Wall (5)	B-424-M	Colorado State University
Fountain (5)	B-425-M	Portland State University
Doran (3)	B-426-M	University of Illinois Chicago
Kennicutt (4)	B-518-M	Texas A & M University

**Geology & Geophysics** (85 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (5)	G-052-M	United States Geological Survey
Marchant (9)	G-054-M	Boston University
Marsh (27)	G-056-M	Johns Hopkins University
Harvey (4)	G-057-M	Case Western Reserve University



Harvey (10)	G-058-M	Case Western Reserve University
Putkonen (5)	G-076-M	University of Washington
Kemerait (4)	G-078-M	United States Air Force
Wilson (8)	G-079-M	Ohio State University
Kyle (10)	G-081-M	New Mexico Institute of Mining and Technology
Johns (3)	G-295-M	UNAVCO

**Glaciology** (56 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hallet (8)	I-139-M	University of Washington
Holt (12)	I-141-M	University of Texas Austin
Stone (6)	I-175-M	University of Washington
Borns (4)	I-187-M	The University of Maine
MacAyeal (8)	I-190-M	University of Chicago
Kreutz (5)	I-191-M	University of Maine
Anandakrishnan (7)	I-205-M	Pennsylvania State University
Tulaczyk (6)	I-345-M	University of California Santa Cruz

**Ocean & Climate Systems** (16 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Warren (3)	O-201-M	University of Washington
Stearns (2)	O-202-M	University of Wisconsin Madison
Avallone (3)	O-251-M	University of Colorado Boulder
Stearns (5)	O-283-M	University of Wisconsin Madison
Hansen (3)	O-314-M	Magee Scientific Company
Dempsey (5)	O-316-M	Clarkson University

**Technical Projects** (8 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Lubin (0)	T-312-M	Scripps AARC
Osborne (6)	T-396-M	University of Alaska Fairbanks
Griffin (2)	T-927-M	Honeywell

**Writers & Artists Program** (4 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Fox Rogers (1)	W-218-M/S	Bard College
Glasberg (2)	W-219-M	N/A
Walker (1)	W-223-M	N/A

**SOUTH POLE STATION** (202 Scientists)

**Aeronomy & Astrophysics** (184 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Lange (15)	A-033-S	California Institute of Technology
Engebretson (0)	A-102-S	Augsburg College
Caldwell (4)	A-103-S	NASA Ames Research Center
Mende (0)	A-104-S	University of California Berkeley
Inan (1)	A-108-S	Stanford University
Gaisser (0)	A-109-S	University of Delaware
Hernandez (4)	A-110-S	University of Washington
Weatherwax (0)	A-111-S	Siena College
Weatherwax (3)	A-112-S	Siena College
Jefferies (6)	A-115-S	University of New Mexico
Ejiri (2)	A-117-S	National Institute of Polar Research
Bieber (1)	A-120-S	University of Delaware
Besson (2)	A-123-S	University of Kansas Lawrence
LaBelle (1)	A-128-S	Dartmouth College
Sivjee (3)	A-129-S	Embry Riddle Aeronautical University
Morse (26)	A-130-S	University of Wisconsin Madison
Lessard (0)	A-136-S	Dartmouth College
Murcray (3)	A-255-S	University of Denver
Avery (6)	A-284-S	University of Colorado, Boulder
Halzen (52)	A-333-S	University of Wisconsin Madison
Lessard (2)	A-362-S	Dartmouth College
Church (10)	A-366-S	Stanford University
Bristow (3)	A-369-S	University of Alaska Fairbanks
Stark (12)	A-371-S	Smithsonian Institution

Carlstrom (7)	A-373-S	University of Chicago
Peterson (2)	A-375-S	Carnegie-Mellon University
Novak (7)	A-376-S	Northwestern University
Stacey (3)	A-377-S	Cornell University
Holzappel (7)	A-378-S	University of California Berkeley
Carlstrom (2)	A-379-S	University of Chicago

**Geology and Geophysics** (5 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (2)	G-052-S	United States Geological Survey
Butler (3)	G-090-S	United States Geological Survey

**Glaciology** (3 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Cole-Dai (3)	I-355-S	South Dakota State University

**Ocean & Climate Systems** (9 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Stearns (0)	O-202-S	University of Wisconsin, Madison
Hofmann (9)	O-257-S	NOAA

**Writers & Artists Program** (1 Person)

	<u>I.D. No.</u>	<u>Institution</u>
Samaras (1)	W-221-S	University of California, Irvine
Bentley (2)	T-250-S	University of Wisconsin, Madison

**PALMER STATION** -(36 Scientists)

**Aeronomy & Astrophysics** (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Inan (1)	A-306-P	Stanford University
Zesta (1)	A-357-P	University of California, Los Angeles

**Geology & Geophysics** (0 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (0)	G-052-P	United States Geological Survey
Butler (0)	G-090-P	United States Geological Survey

**Biology & Medical Research** 33 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Day (5)	B-003-P	Arizona State University
Fraser (4)	B-013-P	Polar Oceans Research Group
Vernet (5)	B-016-P	Scripps Institution of Oceanography
Ross-Quetin (4)	B-028-P	University of California Santa Barbara
Smith (3)	B-032-P	University of California Santa Barbara
Ducklow (4)	B-045-P	Virginia Institute of Marine Sciences
Fraser (3)	B-198-P	Polar Oceans Research Group
Lee (5)	B-256-P	Miami University

**Ocean & Climate Sciences** (0 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stearns (0)	O-202-P	University of Wisconsin, Madison
Hofmann (0)	O-264-P	NOAA

**Technical Projects** (0 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Lubin (0)	T-312-P	Scripps AARC

**Writers & Artists Program** (1 Person)

	<u>I.D. No.</u>	<u>Institution</u>
Nutter (1)	W-220-P	Ladies Cross

**R/V Laurence M. Gould** (66 Scientists)

**Biology & Medicine Program** (58 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fraser (2)	B-013-L	Polar Oceans Research Group
Vernet (4)	B-016-L	Scripps Institution of Oceanography
Martinson (0)	B-021-L	Columbia University
Ross-Quetin (7)	B-028-L	University of California Santa Barbara
Smith (2)	B-032-L	University of California Santa Barbara
Sidell (4)	B-036-L/P	The University of Maine
Ducklow (6)	B-045-L	Virginia Institute of Marine Sciences
Hollibaugh (1)	B-114-L	University of Georgia
Hildebrand (2)	B-239-L	Scripps Institution of Oceanography
Halanych (13)	B-281-L	Auburn University
Kremer (17)	B-307-L	University of Connecticut

**Oceans & Climate Systems** (8 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Takahashi (5)	O-214-L	Columbia University
Takahashi (0)	O-214-L	Columbia University
Sprintall (1)	O-260-L	Scripps Institution of Oceanography
Emerson (2)	O-271-L	University of Washington

**R/V Nathaniel B. Palmer** (70 Scientists)

**Biology and Medicine Program** (43 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kiene (7)	B-002-N	University of South Alabama
Smith (8)	B-047-N	Virginia Institute of Marine Sciences
Jeffrey (6)	B-200-N	University of West Florida
Neale (4)	B-203-N	Smithsonian Institution
Goes (4)	B-206-N	Bigelow Marine Laboratory

Gast (8)	B-207-N	Woods Hole Oceanographic Institution
Kieber (4)	B-266-N	State University of New York Syracuse
Thiele (2)	B-280-N	Deakin University

**Geology and Geophysics** (11 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stock (5)	G-071-N	California Institute of Technology
Stock (6)	G-071-N	California Institute of Technology
Anderson (16)	G-083-N	Rice University

**Ocean and Climate Systems** (16 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Gordon (13)	O-215-N	Columbia University
Firing (3)	O-315-N	University of Hawaii Manoa

**Technical Projects** (0 Persons)

	<u>I.D. No.</u>	<u>Institution</u>
Lubin (0)	T-312-P	Scripps AARC