

IV. Personnel

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 1999-2000 season will be:

McMurdo Station

Terry Melton, Station Manager	(Oct 2000 – Oct 2001)
Larry Cook	(Feb 2001 – Oct 2001)

Amundsen-Scott South Pole Station

Katherine Jensen	(Oct 2000 - Feb 2001)
Gerald Macala	(Feb 2001 - Nov 2001)

Palmer Station

Ronald E. Nugent, Jr.	(Sep 2000 - Mar 2001)
Robert Ferril	(Mar 2001 - Sep 2001)

Officers in Charge of Ships

USCGC POLAR SEA (WAGB-11)	Captain Johnson, USCG
Champion Class T-5 Tanker (fuel tanker)	TBA
M/V GREEN WAVE (cargo ship)	Captain Peter Stalkus
R/V NATHANIEL B. PALMER	Captain Joe Bokowski
R/V LAURENCE M. GOULD	Captain Warren Sanamo

Numbers, Occupations and Specialization of Personnel

McMurdo

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	33	0	6

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Science Support	0	69	0	7
Operations	0	286	0	66
Logistics	0	105	0	33
SPSE	0	29	0	2
Engineering /Construction	0	112	0	92
Information Systems	0	80	0	16
Aviation	0	0	0	0
Scientists	0	240	0	0
Working Visitors	0	144	0	0

South Pole

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	6	0	3
Science Support	0	8	0	5
Operations	0	27	0	5
Logistics	0	11	0	3
SPSE	0	80	0	23
Engineering/Construction	0	12	0	3
Information Systems	0	10	0	4
Aviation	0	0	0	0
Scientists	0	50	0	11
Working Visitors	0	16	0	0

Palmer Station

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	1	0	1
Science Support	0	4	0	1
Operations	0	6	0	4
Logistics	0	2	0	3
Engineering/Construction	0	7	0	9

Information Systems	0	3	0	2
Scientist	0	13	0	6
Working Visitors	0	13	0	7

Siple Dome Field Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Mechanic	0	1
Cook	0	1
Equipment Operator	0	1
Scientists	0	20
Carpenters	0	7

Byrd Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Mountaineer		1
Scientists	0	20

Icestream C Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Cook	0	1
Mechanic	0	1
Equipment Operator	0	1
Scientists	0	11
Meteorologist	0	1

Darwin Glacier Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Mountaineer	0	1
Scientists	0	14

East Camp (Co-located with Russian Vostok Camp)

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Cook	0	1
Mechanic	0	1
Equipment Operator	0	1
Meteorologist	0	1
Paramedic	0	1
Scientists	0	11

SHIPS

USCGC POLAR STAR

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

Champion Class T-5 Tanker

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

M/V GREEN WAVE

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

R/V NATHANIAL B. PALMER

	<i>Number of Personnel</i>
Crew	21
Scientists	37

R/V LAURENCE M. GOULD

	<i>Number of Personnel</i>
Crew	21
Scientists	37

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 (AO-XXX-X, BM-XXX-X, etc.). 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 - ONLY (333 Scientists)

Aeronomy & Astrophysics (62 Scientists)

	<i>I.D. No.</i>	<i>Institution</i>
Peterzen (+16)	AB-145-O	National Scientific Balloon Facility (NSBF)
Meyer (+16)	AB-147-O	University of Chicago
Wefel (+19)	AB-149-O	Louisiana State University
Adriani (+1)	AO-107-O	Instituto De Fisica Dell'Atmosfera
Rosenberg (+0)	AO-112-O	University of Maryland
Deshler (+4)	AO-131-O	University of Wyoming

Biology & Medical Research (130 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Doran (+3)	BM-042-D	University of Chicago
Fountain (+2)	BM-042-F	Portland State University
Lyons (+5)	BM-042-L	Ohio State University
McKnight (+4)	BM-042-M	University of Colorado, Boulder
Priscu (+4)	BM-042-P	Montana State University, Bozeman
Virginia (+3)	BM-042-V	Dartmouth College
Wall (+3)	BM-042-W	Colorado State University
DeVries (+6)	BO-005-M	University of Illinois, Urbana
Siniff (+9)	BO-009-O	University of Minnesota
Lisle (+2)	BO-024-O	Montana State University, Bozeman
Priscu (+5)	BO-025-O	Montana State University, Bozeman
Dudley (+4)	BO-030-O	University of Texas, Austin
Emslie (+2)	BO-034-O	University of North Carolina
Blanchette (+2)	BO-038-O	University of Minnesota
Green (+6)	BO-041-O	Miami University
Ponganis (+9)	BO-197-O	University of California, San Diego
Manahan (+39)	BO-301-O	University of Southern California
Ward (+4)	BO-310-O	Princeton University

Environmental Research (9 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kennicutt, II (+8)	EO-318-O	Texas A & M University

Geology & Geophysics (68 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Luyendyk (+3)	GF-121-O	University of California ,Santa Barbara
Mullins (+9)	GO-052-M	United States Geological Survey
Hallet (+2)	GO-053-O	University of Washington
Marchant (+4)	GO-054-O	Boston University
Harvey (+7)	GO-058-O	Case Western Reserve University
Fitzgerald (+3)	GO-059-O	University of Arizona, Tucson
House (+2)	GO-066-O	California Institute of Technology

	<u>I.D. No.</u>	<u>Institution</u>
Mulcahy (+3)	GO-078-O	GSP Company
Raymond (+3)	GO-082-O	California Institute of Technology
Wiens (+4)	GO-089-O	Washington University
Isbell (+4)	GO-094-O	University of Wisconsin, Milwaukee
Wilson (+3)	GO-099-O	Ohio State University
Stump (+3)	GO-116-O	Arizona State University, Tempe
Anandkrishnan (+2)	GO-180-O	University of Alabama, Tuscaloosa
Johns (+1)	GO-295-O	UNAVCO/UCAR

Glaciology (46 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Raymond (+4)	II-163-O	University of Washington
Alley (+1)	II-168-O	Pennsylvania State University
Waddington (+2)	II-171-O	University of Washington
Kamb (+10)	IO-157-O	California Institute of Technology
Bindschadler (+2)	IO-173-O	National Aeronautics and Space Administration
Stone (+3)	IO-175-O	University of Washington
Hall (+3)	IO-196-M	University of Maine, Orono
Mayewski (+13)	IU-153-A	University of New Hampshire

Ocean & Climate Systems (9 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Wendler (+2)	OO-263-O	University of Alaska, Fairbanks
Hansen (+0)	OO-314-O	Magee Scientific Company
Dempsey (+4)	OO-316-O	Clarkson University

Technical Projects (3 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Osborne (+2)	TO-396-O	University of Alaska, Fairbanks

Writers and Artists Program (6 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Wu (+5)	WO-317-O	Norbert Wu Productions

MCMURDO AND SOUTH POLE STATIONS (15 Scientists)

Aeronomy and Astrophysics (4 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Lanzerotti (+0)*	AO-101-O	Lucent Technologies
Engebretson (+0)*	AO-102-O	Augsburg College
Rosenberg (+1)	AO-111-O	University of Maryland
Rall (+1)	AO-126-O	National Aeronautics and Space Administration

* Non-deploying; experiments are supported on-site by contract personnel.

Geology and Geophysics (7 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Kyle (+6)	GO-081-O	New Mexico Institute of Mining and Technology

Ocean and Climate Systems (4 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Stearns (+3)	OO-283-M	University of Wisconsin, Madison

MCMURDO STATION AND USCGC POLAR STAR
(12 Scientists)

Aeronomy & Astrophysics (2 Scientists)

Bieber (+1)	AO-120-O	University of Delaware
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Biology & Medicine Program (10 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Ainley (+9)	BO-031-O	H.T. Harvey & Associates

MCMURDO STATION AND VOSTOK STATIONS

Aeronomy & Astrophysics (21 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Blankenship (+20)	GS-098-O	University of Texas, Austin

OTHER ANTARCTIC PROGRAM STATIONS

(11 Scientists)

Biology and Medicine (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Trivelpiece (+2)	BO-040-O	University of California, San Diego
Costa (+1)	BO-267-O	University of California, Santa Cruz

Geology and Geophysics (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Feldmann (+1)	GO-093-O	Kent State University
Wiens (+3)	GO-097-O	Washington University

PALMER STATION - ONLY (8 Scientist)

Aeronomy and Astrophysics (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Inan (+0)	AO-106-P	Stanford University

Biology and Medicine (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fraser (+6)	BP-013-O	Montana State University, Bozeman

Geology and Geophysics (0 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (+0)*	GO-052-P	US Geological Survey
Butler (+0)*	GO-090-P	Incorporated Research Institutions for Seismology

* Non-deploying; experiments are supported on-site by contract personnel.

Polar Climate and Ocean Systems (0 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Keeling (+0)*	OO-204-O	University of California, San Diego
Rasmussen (+0)*	OO-254-O	Oregon Graduate Institute of Science & Technology
Hofmann (+0)*	OO-264-O	National Oceanic and Atmospheric Administration
Sanderson (+0)*	OO-275-O	United States Department of Energy
Stearns (+0)*	OO-283-P	University of Wisconsin, Madison

* Non-deploying; experiments are supported on-site by contract personnel.

PALMER STATION and R/V LAURENCE M. GOULD

Biology and Medicine (29 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Sidell (+4)	BO-036-O	University of Maine, Orono
Detrich, III (+5)	BO-037-O	Northeastern University
Vernet (+4)	BP-016-O	Scripps Institution of Oceanography
Quetin/Ross (+9)	BP-028-O	University of California, San Diego
Smith (+3)	BP-032-O	University of California, Santa Barbara

R/V LAURENCE M. GOULD - ONLY (59 Scientists)

Biology and Medicine Program (48 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fraser (+3)	BG-234-O	Montana State University
Fritsen (+1)	BG-235-O	Desert Research Institute
Harvey (+1)	BG-237-O	Chesapeake Biological Laboratory
Ross (+7)	BG-244-O	UC Santa Barbara
Smith (+13)	BO-050-O	University of California, San Diego
Dietzman (+1)	BO-282-O	White Point Systems, Inc.
Smith (+8)	BO-303-O	University of Hawaii, Manoa
Martinson (+0)	BP-021-O	Columbia University
Karl (+5)	BP-046-O	University of Hawaii, Manoa

Geology and Geophysics (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Aronson (+3)	GO-065-O	Dauphin Island Sea Lab

Glaciology (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hall (+1)	IO-196-L	University of Maine, Orono

Ocean and Climate Systems (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Martinson (+3)	OG-241-O	Lamont-Doherty Earth Observatory
Peterson (+0)	OO-260-O	University of California, San Diego

R/V NATHANIEL B. PALMER - ONLY (90 Scientists)

Biology and Medicine Program (26 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Ribic (+1)	BG-243-O	University of Wisconsin

Vernet (+3)	BG-246-O	SCRIPPS Institute of Oceanography
Wiebe (+17)	BG-247-O	Woods Hole
Zhou (+2)	BG-248-O	University of Minnesota

Geology and Geophysics (39 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Arrigo (+0)	GO-073-A	Stanford University
Leventer (+28)	GO-073-O	Colgate University
Austin (+8)	GO-306-O	University of Texas Institute for Geophysics

Ocean and Climate Systems (25 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fanning (+3)	OG-233-O	University of South Florida
Hallam (+7)	OG-236-O	University of Tennessee
Padman (+0)	OG-238-O	Oregon State University
Powell (+3)	OG-242-O	University of California, Berkeley
Fairbanks (+5)	OO-225-O	Columbia University
Pilskaln (+1)	OO-278-O	University of Maine, Orono

R/V NATHANIEL B. PALMER and R/V LAURENCE M. GOULD (40 Scientists)

Biology and Medicine Program (21 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hildebrand (+3)	BG-239-O	Scripps Institute of Oceanography
Torres (+8)	BG-245-O	University of South Florida
Costa (+7)	BO-267-O	University of California, Santa Cruz

Ocean & Climate Systems (19 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Beardsley (+11)	OG-231-O	Woods Hole
Hofmann (+4)	OG-240-O	Old Dominion University
Chereskin (+1)	OO-315-O	University of California, San Diego

SOUTH POLE STATION - ONLY (175 Scientists)

Aeronomy & Astrophysics (120 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Morse (+41)	AA-130-O	University of Wisconsin, Madison
Pernic (+11)	AC-370-O	University of Chicago
Stark (+13)	AC-371-O	Smithsonian Institution
Storey (+5)	AC-372-O	University of New South Wales
Carlstrom (+5)	AC-373-O	University of Chicago
Loewenstein (+0)	AC-374-O	University of Chicago
Peterson (+5)	AC-375-O	Carnegie-Mellon University
Novak (+1)	AC-376-O	Northwestern University
Ruhl (+8)	AC-378-O	University of California, Santa Barbara
Mende (+0)	AO-104-O	University of California, Berkeley
Gaisser (+3)	AO-109-O	University of Delaware
Hernandez (+2)	AO-110-O	University of Washington
Ejiri (+1)	AO-117-O	National Institute of Polar Research
Papen (+6)	AO-127-O	University of Illinois, Urbana
LaBelle (+0)*	AO-128-O	Dartmouth College
Sivjee (+2)	AO-129-O	Embry Riddle Aeronautical University
deZafra (+1)	AO-138-O	State University of New York

* Non-deploying; experiments are supported on-site by contract personnel.

Geology & Geophysics (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (+1)	GO-052-S	U.S. Geological Survey
Butler (+1)	GO-090-O	Incorporated Research Institutions for Seismology

Glaciology (9 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Bender (+5)	IO-162-O	Princeton University
Taylor (+2)	IO-192-O	US Army Cold Regions Research & Engineering Lab

Ocean & Climate Systems (42 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Dibb (+0)*	OO-179-O	University of New Hampshire
Warren (+7)	OO-201-O	University of Washington
Lawson (+2)	OO-226-O	SPEC, Inc.
Hofmann (+10)	OO-257-O	National Oceanic and Atmospheric Administration
Davis (+11)	OO-270-O	Georgia Institute of Technology
Stearns (+1)	OO-283-S	University of Wisconsin, Madison
Avery (+2)	OO-284-O	University of Colorado, Boulder
McConnell (+1)	OO-324-O	Desert Research Institute

* Non-deploying; experiments are supported on-site by contract personnel.