

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 on board 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, Antarctic Support Associates (ASA), 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 1998-99 season will be:

McMurdo Station

Terry Melton (Oct 98 - Oct 99)

Amundsen-Scott South Pole Station

David Fischer (Nov 98 - Feb 99)

Michael Masterman (Feb 99 - Nov 99)

Palmer Station

Ronald E. Nugent, Jr. (Sep 98 - Mar 99)

Ronald P. Baltz (Mar 99 - Sep 99)

Officers in Charge of Ships

USCGC POLAR SEA (WAGB-11) Captain Gerald Davis, 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 Specializations of Personnel

McMurdo

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Administrators	12	9	0	4
Medical	0	16	0	3

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Comm/ET	0	11	0	4
Supply	0	45	0	20
Civil Engineering	0	7	0	1
Operations	0	150	0	33
Term Ops	12	63	0	0
Aviation	281	58	0	5
Construction	0	115	0	55
Science Lab Manager	0	1	0	0
Working Visitors	0	35	0	0
Scientists	0	140	0	7
Science Support	0	39	0	4

South Pole

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Science Support	0	8	0	4
Area Management	0	7	0	2
Station Operations	0	12	0	3
Food Service	0	12	0	1
Logistics	0	12	0	3
Construction	0	82	0	19
Information Systems	0	8	0	3
Scientists	0	50	0	8

Palmer Station

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Resident Manager	0	1	0	1
Administrators	0	1	0	0
FMC Coordinator	0	1	0	1
Mechanics	0	1	0	1

Communications/Computer Support	0	3	0	2
Supply	0	2	0	2
Cook	0	2	0	1
General Assistants	0	2	0	2
Construction/Tradesmen	0	3	0	7
Boating Coordinator	0	1	0	0
Scientists	0	18	0	0
Medical	0	1	0	1
Lab Manager/Instrument Technician	0	2	0	1
Working Visitors	0	10	0	0
Science Technician	0	1	0	1

Siple Dome Field Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Heavy Vehicle Mechanic	0	1
Cook(s)	0	3
Heavy Equipment Operator	0	1
Met Tech	0	2
Fuelie	0	1
Scientists	0	5
Aviation	0	13

Downstream Bravo Field Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Heavy Vehicle Mechanic	0	1
Scientists	0	12

Upstream Delta Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Heavy Vehicle Mechanic	0	1
Cook	0	1
Scientists	0	10

Ford Range Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Met Tech	0	1
Cook	0	1
Scientists	0	8

SHIPS

USCGC POLAR SEA

	<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 additional field party members. Projects are listed by scientific discipline under each major field location or platform.

MCMURDO STATION - ONLY (373 Scientists)

Aeronomy & Astrophysics (46 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Piccirillo (+0)	AO-140-O	University of Wisconsin
Adriani (+2)	AO-107-O	Instituto De Fisica Dell'Atmosfera
Rosenberg (+0)	AO-112-O	University of Maryland
Deshler (+3)	AO-131-O	University of Wyoming
Fraser-Smith (+1)	AO-100-O	Stanford University
deZafra (+2)	AO-137-O	State University of New York at Stony Brook
Lange (+13)	AB-033-O	California Institute of Technology

	<u>I.D. No.</u>	<u>Institution</u>
Rust (+)	AB-146-O	Johns Hopkins University, Applied Physics Lab
Peterzen (+11)	AB-145-O	National Scientific Balloon Facility (NSBF)

Biology & Medical Research (140 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Doran (+1)	BM-118-O	University of Chicago
DeVries (+7)	BO-005-M	University of Illinois
Ainley (+7)	BO-031-O	H.T. Harvey & Associates
Bowser (+7)	BO-043-O	New York State Department of Health
Petzel (+9)	BO-012-O	Creighton University School of Medicine
Manahan (+40)	BO-301-O	University of Southern California
Berkman (+1)	BO-086-O	The Ohio State University
Davis (+9)	BO-017-O	Texas A & M University
Priscu (+1)	BM-042-P	Montana State University, Bozeman
Wall (+1)	BM-042-W	Colorado State University
Siniff (+7)	BO-009-O	University of Minnesota
Fritsen (+6)	BO-044-O	Montana State University
McKnight (+1)	BM-042-M	University of Colorado
Reed (+3)	BO-008-O	Madigan Army Medical Center (MAMC)
Lyons (+21)	BM-042-L	University of Alabama
Fountain (+1)	BM-042-F	Portland State University
Wharton (+1)	BM-042-B	Desert Research Institute

Environmental Research (9 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Peterson (+8)	EO-302-O	University of North Carolina at Chapel Hill

Geology & Geophysics (94 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hallet (+7)	GO-053-O	University of Washington
Anandakrishnan (+4)	GO-180-O	The Pennsylvania State University
Kyle (+3)	GO-182-O	New Mexico Institute of Mining & Technology

	<u>I.D. No.</u>	<u>Institution</u>
Luyendyk (+6)	GF-121-O	University of California
Harvey (+5)	GO-058-O	Case Western Reserve University
Fitzgerald (+3)	GO-059-O	University of Arizona
Prentice (+4)	GO-063-O	University of New Hampshire
Goodge (+3)	GO-014-O	Southern Methodist University
Grunow (+3)	GO-062-O	The Ohio State University
Reynolds (+10)	GO-078-B	United States Geological Service
Siddoway (+5)	GF-088-O	Colorado College
Anderson (+2)	GO-078-A	U.S. Geological Survey
Jarrard (+1)	GL-055-O	University of Utah
Wilson (+2)	GL-079-O	The Ohio State University
Askin (+1)	GL-080-O	The Ohio State University
Kettler (+0)	GL-064-O	University of Nebraska
Harwood (+2)	GL-051-O	University of Nebraska-Lincoln
Webb (+1)	GL-049-A	The Ohio State University
Krissek (+3)	GL-070-O	Ohio State University
Verosub (+3)	GL-075-O	University of California -- Davis
Raymond (+2)	GO-082-O	California Institute of Technology
Webb (+1)	GL-049-B	The Ohio State University
Watkins (+0)	GL-057-O	University of Nebraska, Lincoln

Glaciology (55 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Bindschadler (+2)	IO-173-O	National Aeronautics and Space Administration
Morack (+2)	IO-164-O	University of Alaska
Kamb (+9)	IO-157-O	California Institute of Technology
Taylor (+2)	II-152-O	Desert Research Institute
Mayewski (+7)	II-153-O	University of New Hampshire
Gow (+1)	II-165-O	Cold Regions Research and Engineering Laboratory
Albert (+1)	II-155-O	Cold Regions Research and Engineering Laboratory
Bender (+0)	IO-162-O	University of Rhode Island

	<u>I.D. No.</u>	<u>Institution</u>
Whillans (+4)	IO-169-O	The Ohio State University
Whillans (+1)	IS-166-O	The Ohio State University
Denton (+5)	IO-156-O	University of Maine
Fitzpatrick (+0)	II-160-O	United States Geological Survey
Bales (+1)	IO-158-O	The University of Arizona
Raymond (+2)	IO-163-O	University of Washington
McIntosh (+3)	IO-277-O	New Mexico Institute of Mining and Technology

Information Systems (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Carrier (+1)	TO-308-O	NASA Wallops Flight Facility

Polar Information (2 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Barker (+0)	WO-003-O	No affiliation
Markle (+0)	WO-031-O	No affiliation

Ocean & Climate Systems (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stearns (+2)	OO-283-M	University of Wisconsin
Stearns (+0)	OO-202-O	University of Wisconsin

Polar Research Support (21 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kuivinen (+21)	TI-150-B	University of Nebraska - Lincoln

McMURDO and PALMER STATIONS

Polar Research Support (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Whritner (+TBA)	TO-312-O	Scripps Institution of Oceanography

MCMURDO, SOUTH POLE AND VOSTOK STATIONS

Aeronomy and Astrophysics (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Papitashvili (+1)	AO-105-O	University of Michigan

MCMURDO STATION and R/V NATHANIEL B. PALMER

Polar Ocean and Climate Systems (8 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Lizotte (+7)	OR-216-C	University of Wisconsin

MCMURDO AND SOUTH POLE STATIONS (48 Scientists)

Aeronomy and Astrophysics (12 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Arnoldy (+0)	AO-102-O	University of New Hampshire
Rosenberg (+1)	AO-111-O	University of Maryland
Murcray (+1)	AO-148-O	University of Denver
Abshire (+2)	AO-126-O	NASA Goddard Flight Center
Bieber (+1)	AO-120-O	University of Delaware
Lanzerotti (+0)	AO-101-O	Bell Laboratories, Lucent Technologies
LaBelle (+0)	AO-128-O	Dartmouth College

Biology and Medicine Program (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Carpenter (+3)	BO-004-O	State University of New York at Stony Brook

Geology and Geophysics (27 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Blankenship (+17)	GS-098-O	University of Texas at Austin
Johns (+1)	GO-295-O	UNAVCO/UCAR
Mullins (+6)	GO-052-O	US Geological Survey

Polar Research Support (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Rainbow (+4)	TO-296-O	Antarctic Support Associates

MCMURDO STATION AND USCGC POLAR SEA

Polar Ocean and Climate Systems (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Wendler (+3)	OO-263-O	University of Alaska Fairbanks

OTHER NATIONAL ANTARCTIC PROGRAM STATIONS

(11 Scientists)

Aeronomy and Astrophysics (No deploying personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Engebretson	AO-273-O	Augsburg College

Biology and Medicine Program (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Costa (+2)	BO-267-O	University of California Santa Cruz

Geology and Geophysics (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Grew (+0)	GO-067-O	University of Maine
Case (+3)	GO-061-O	Saint Mary's College of California

Polar Ocean and Climate Systems (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Pilskaln (+2)	OO-278-O	University of Maine

PALMER STATION - ONLY (15 Scientists)

Aeronomy and Astrophysics (1 Scientist)

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

Biology and Medicine Program (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Martinson (+1)	BP-021-O	Columbia University

Geology and Geophysics (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Butler (+1)	GO-091-O	Incorporated Research Institutions for Seismology

Polar Climate and Ocean Systems (10 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Peterson (+1)	OO-264-O	National Oceanic and Atmospheric Administration
Sanderson (+1)	OO-275-O	U.S. Department of Energy
Keeling (+1)	OO-204-O	University of California, San Diego
Rasmussen (+1)	OO-254-O	Oregon Graduate Institute of Science and Technology
Stearns (+1)	OO-283-P	University of Wisconsin

PALMER STATION and R/V LAURENCE M. GOULD
(43 Scientists and Personnel)

Biology and Medicine Program (41 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Detrich, III (+5)	BO-037-O	Northeastern University
Smith (+5)	BP-032-O	University of California, Santa Barbara
Detrich, III (+2)	BO-029-O	Northeastern University
Day (+3)	BO-003-O	Arizona State University
Fraser (+3)	BP-013-O	Montana State University
Sidell (+4)	BO-036-O	University of Maine
Vernet (+4)	BP-016-O	Scripps Institution of Oceanography
Quetin (+7)	BP-028-O	University of California, Santa Barbara

Polar Information (2 Personnel)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
deLeiris (+1)	WO-004-O	Antarctic Artists and Writers Program

R/V LAURENCE M. GOULD - ONLY (48 Scientists)

Biology and Medicine Program (38 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Mopper (+8)	BO-002-A	Washington State University
Felbeck (+3)	BO-085-O	University of California, San Diego
Trivelpiece (+4)	BO-040-O	NOAA
Neale (+3)	BO-010-O	Smithsonian Institution
Smith (+9)	BO-050-O	University of California at San Diego
Jeffrey (+3)	BO-200-O	University of West Florida
Kieber (+1)	BO-002-B	SUNY College of Environmental Science and Forestry

Environmental Research (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Anderson (+1)	BO-300-O	Woods Hole Oceanographic Institution

Geology and Geophysics (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Dalziel (+1)	GO-087-O	University of Texas
Domack (+3)	GO-072-A	Hamilton College

Polar Information (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Vuilleumier (+0)	WO-002-O	American Museum of Natural History

Polar Ocean and Climate Systems (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Peterson (+0)	OO-260-O	University of California San Diego

R/V NATHANIEL B. PALMER - ONLY (66 Scientists)

Biology and Medicine Program (15 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Gowing (+1)	BX-039-O	University of California, Santa Cruz
Gowing (+3)	BX-325-O	University of California, Santa Cruz
Grebmeier (+1)	OR-216-E	The University of Tennessee
Caron (+4)	BO-207-O	Woods Hole Oceanographic Institution
DiTullio (+1)	BR-272-O	University of Charleston

Geology and Geophysics (19 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Klinkhammer (+9)	GO-060-O	Oregon State University
Anderson (+8)	GO-083-O	Rice University

Polar Ocean and Climate Systems (32 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Barry (+4)	OR-216-B	Monterey Bay Aquarium Research Institute
Kawamura (+1)	OX-266-O	Institute of Low Temperature Science
Van Woert (+3)	OR-216-D	National Oceanographic Atmospheric Association
Leventer (+1)	OR-216-F	Colgate University
Jeffries (+10)	OX-286-O	University of Alaska, Fairbanks
Dunbar (+7)	OR-216-A	Stanford University

R/V NATHANIEL B. PALMER and R/V LAURENCE M. GOULD (18 Scientists)

Biology and Medicine Program (10 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Karl (+9)	BP-046-O	University of Hawaii

Geology and Geophysics (8 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Dorman (+4)	GO-135-O	University of California San Diego
Wiens (+2)	GO-097-O	Washington University

SOUTH POLE STATION - ONLY (112 Scientists)

Aeronomy & Astrophysics (89 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Gaiser (+2)	AO-109-O	University of Delaware
Novak (+1)	AC-132-G	Northwestern University
Besson (+0)	AA-123-O	University of Kansas
Papen (+3)	AO-127-O	University of Illinois
Ejiri (+5)	AO-117-O	National Institute of Polar Research
Meyer (+19)	AC-132-A	University of Chicago

Mende (+1)	AO-104-O	University of California
Hernandez (+2)	AO-110-O	University of Washington
Peterson (+1)	AC-132-F	Carnegie-Mellon University
DeZafra (+1)	AO-138-O	State University of New York at Stony Brook
Morse (+34)	AA-130-O	University of Wisconsin
Inan (+0)	AO-108-O	Stanford University
Loewenstein (+1)	AC-132-E	University of Chicago
Platt (+1)	AC-132-D	University of Nebraska
Loewenstein (+1)	AC-132-C	University of Chicago
Stark (+1)	AC-132-B	Smithsonian Institution

Environmental Research (2 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hansen (+1)	EO-314-O	Magee Scientific Company

Geology & Geophysics (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Butler (+2)	GO-090-O	Incorporated Research Institutions for Seismology

Ocean & Climate Systems (13 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Tape (+2)	OO-208-O	University of Alaska, Fairbanks
Davis (+3)	OO-270-O	Georgia Institute of Technology
Hofmann (+5)	OO-257-O	National Oceanic and Atmospheric Administration

Polar Research Support (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kuivinen (+4)	TA-150-A	University of Nebraska - Lincoln