

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 1997-98 season will be:

McMurdo Station

Albert G. Martin, III	(Oct 97 - Dec 97)
John S. Sherve	(Jan 98 - Oct 98)

Amundsen-Scott South Pole Station

David Fischer	(Nov 97 - Feb 98)
Katharine M. Jensen	(Feb 98 - Nov 98)

Palmer Station

Ronald E. Nugent, Jr.	(Sep 97 - Mar 98)
Ronald P. Baltz	(Mar 98 - Sep 98)

Officers in Charge of Ships

USCGC POLAR SEA (WAGB-11)	TBA, USCG
Champion Class T-5 Tanker (fuel tanker)	TBA
M/V GREEN WAVE (cargo ship)	Captain Peter Stalkus
R/V POLAR DUKE	CAPT Karl Birger Sanden CAPT Magnar Aklestad
R/V NATHANIEL B. PALMER	Captain Joe Bokowski CAPT Mike Watson
R/V LAURENCE M. GOULD (pending)	Captain Joe Bokowski 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	30	9	4	3
Medical	26	0	4	0
Comm/ET	42	29	13	11
Supply	136	46	18	18
Civil Engineering	0	14	0	3
Operations	80	153	21	60
Term Ops	134	0	0	0
Aviation	42	0	4	0
Construction	0	165	0	93
Science Lab Manager	0	1	0	0
Working Visitors	50	48	0	0
Scientists	0	214	0	5
Science Support	0	39	0	4

South Pole

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Administration	0	3	0	0
Winter Site Manager	0	0	0	1
Utilities	0	3	0	1
Vehicle Maintenance	0	3	0	1
Equipment Operations	0	3	0	0
Food Service	0	9	0	1
Janitorial	0	1	0	0
Medical	0	1	0	1
Construction/Facilities Maintenance	0	65	0	3

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Science Support	0	4	0	3
Meteorology	0	4	0	2
Logistics/Cargo/Supply	0	16	0	3
Information Systems/ Communications	0	8	0	3
Safety, Environment, Health, Waste Management	0	3	0	1
Scientists	0	50	0	8
Other (NSF, Media, etc.)	0	10	0	0

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	1
Construction/Tradesmen	0	3	0	2
Boating Coordinator	0	1	0	0
Scientists	0	102	0	0
Medical	0	1	0	1
Lab Manager/Instrument Technician	0	2	0	1
Working Visitors	0	29	0	0
Science Technician	0	1	0	1

Byrd Surface Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Light Vehicle Mechanic	0	1
Cook(s)	0	1
Equipment Operator	0	1
General Assistant(s)	0	1
Medical	0	1
Scientists	0	13
Aviation	0	5

Up-stream Bravo Field Camp

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

Shackleton Glacier Field Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Heavy Vehicle Mechanic	0	1
Cook(s)	0	2
Equipment Operators	0	1
Met Tech	0	1
Field Safety Instructor	0	1
Aviation	0	4
Scientists	0	45

Central West Antarctica Field Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Manager	0	1
Light Vehicle Mechanic(s)	0	2
Cook(s)	0	2
Equipment Operators	0	0
General Assistants	0	1
Medical	0	1
Aviation	0	1
Scientists	0	42

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 POLAR DUKE

	<i>Number of Personnel</i>
Crew	13
Scientists	22

R/V NATHANIAL B. PALMER

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

R/V LAURENCE M. GOULD (pending)
(replaces R/V POLAR DUKE)

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

Names and Professional Affiliation of Personnel Engaged in Scientific Activities

Names and professional affiliation of personnel engaged in scientific activities. Further details are found in Section VI (Appendix II), cross-referenced here according to the three-digit project identification code (S-XXX and T-XXX). The numbers in parentheses, besides the principal investigator's name, represents the anticipated number of additional field party members.

MCMURDO STATION (316 Scientists)

Aeronomy & Astrophysics (39 Scientists)

	<i>I.D. No.</i>	<i>Institution</i>
Papitashvili (+1)	S-105	University of Michigan
Adriani (+1)	S-107	Instituto De Fisica Dell'Atmosfera
Fritts (+4)	S-113	Colorado Research Associates
Lin (+12)	S-116	University of California, Berkeley
Deshler (+3)	S-131	University of Wyoming
DeZafra (+2)	S-137M	State University of New York at Stony Brook
Peterzen (+9)	S-145	National Scientific Balloon Facility (NSBF)

Biology & Medical Research (85 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
DeVries (+7)	S-005	University of Illinois
Manahan (+4)	S-006	University of Southern California
Reed (+5)	S-008	Madigan Army Medical Center (MAMC)
Siniff (+4)	S-009	University of Minnesota
Petzel (+4)	S-012	Creighton University School of Medicine
Davis (+7)	S-017	Texas A & M University
Baker (+7)	S-022	Florida Institute of Technology
McClintock (+0)	S-022	University of Alabama at Birmingham
Ainley (+5)	S-031	H.T. Harvey & Associates
Wharton (+1)	S-042B	Desert Research Institute
Fountain (+4)	S-042FO	Portland State University
Freckman (+6)	S-042Fr	Colorado State University
Lyons (+2)	S-042L	University of Alabama
McKnight (+6)	S-042M	University of Colorado
Priscu (+4)	S-042P	Montana State University, Bozeman
Wharton (+3)	S-042W	Desert Research Institute

Environmental Research (11 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Peterson (+6)	S-302	University of North Carolina at Chapel Hill
Chin (+3)	S-305	The Ohio State University

Geology & Geophysics (99 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Webb (+1)	S-049A	The Ohio State University
Webb (+2)	S-049B	The Ohio State University
Harwood (+2)	S-051	University of Nebraska-Lincoln
Mullins (+4)	S-052	US Geological Survey
Marchant (+3)	S-054	Boston University
Jarrard (+5)	S-055	University of Utah
Wise (+1)	S-057	Florida State University
Harvey (+7)	S-058	Case Western Reserve University
Kettler (+1)	S-064	University of Nebraska

	<u>I.D. No.</u>	<u>Institution</u>
Krissek (+3)	S-070	Ohio State University
Verosub (+4)	S-075	University of California -- Davis
Taylor (+3)	S-076	University of Kansas
Reynolds (+1)	S-078	United States Geological Service
Wilson (+1)	S-079	The Ohio State University
Wrenn (+2)	S-080	Louisiana State University
Kyle (+5)	S-081	New Mexico Institute of Mining and Technology
Raymond (+5)	S-082	California Institute of Technology
Whillans (+2)	S-084	The Ohio State University
Isbell (+5)	S-094	University of Wisconsin, Milwaukee
Bell (+1)	S-095	Columbia University
Blankenship (+12)	S-098	University of Texas at Austin
Wilson (+3)	S-099	The Ohio State University
Anandakrishnan (+1)	S-180	The Pennsylvania State University
Ware (+1)	S-295	UNAVCO/UCAR

Glaciology (68 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Taylor (+1)	S-152	Desert Research Institute
Albert (+1)	S-155	Cold Regions Research and Engineering Laboratory
Denton (+5)	S-156	University of Maine
Kamb (+8)	S-157	California Institute of Technology
Bales (+1)	S-158	The University of Arizona
Bindschadler (+0)	S-159	National Aeronautics and Space Administration
Fitzpatrick (+0)	S-160	United States Geological Survey
Saltzman (+13)	S-161	University of Miami
Harrison (+3)	S-164	University of Alaska Fairbanks
Gow (+1)	S-165	Cold Regions Research and Engineering Laboratory
Whillans (+4)	S-166A	The Ohio State University

	<u>I.D. No.</u>	<u>Institution</u>
Whillans (+1)	S-166B	The Ohio State University
Waddington (+2)	S-171	University of Washington
Bindschadler (+2)	S-173	National Aeronautics and Space Administration
Bentley (+4)	S-176	University of Wisconsin-Madison
Hamilton (+3)	S-178	The Ohio State University
Mosley-Thompson (+1)	S-185	The Ohio State University
Braaten (+0)	S-190	University of Kansas

Ocean & Climate Systems (4 Scientists)

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

Operations (10 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Giles (+9)	S-150B	University of Nebraska

Technical Support to USAP (13 Technical Representatives)

	<u>I.D. No.</u>	<u>Institution</u>
Stuchlik (+3)	T-308	Allied Signal Technical Services Company
Comberiate (+4)	T-315	NASA
TBA (+0)	T-378	Federal Aviation Administration
TBA (+0)	T-379	FOH/DHHS
Jech (+0)	T-380	United States Army
Kumin (+0)	T-383	Kumin Associates

SOUTH POLE STATION (120 Scientists)

Aeronomy & Astrophysics (96 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Lanzerotti (+0)	S-101	Bell Laboratories, Lucent Technologies
Inan (+0)	S-108	Stanford University
Gaisser (+3)	S-109D	University of Delaware
Hernandez (+3)	S-110	University of Washington
Rosenberg (+2)	S-111	University of Maryland
Ejiri (+0)	S-117	National Institute of Polar Research
Bieber (+0)	S-120	University of Delaware
Besson (+0)	S-123	University of Kansas
Abshire (+2)	S-126	NASA Goddard Flight Center
Papen (+0)	S-127	University of Illinois
LaBelle (+0)	S-128	Dartmouth College
Sivjee (+2)	S-129	Embry Riddle Aeronautical University
Morse (+8)	S-130	University of Wisconsin
Meyer (+9)	S-132A	University of Chicago
Stark (+14)	S-132B	Smithsonian Institution
Loewenstein (+8)	S-132C	University of Chicago
Loewenstein (+9)	S-132E	University of Chicago
Peterson (+14)	S-132F	Carnegie-Mellon University
DeZafra (+0)	S-138	State University of New York at Stony Brook
Murcray (+2)	S-148	University of Denver

Environmental Research (1 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hansen (+0)	S-101	Magee Scientific Company

Geology & Geophysics (6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Wannamaker (+4)	S-068	University of Utah
Butler (+0)	S-090	Incorporated Research Institutions for Seismology

Ocean & Climate Systems (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Tape (+2)	S-208	University of Alaska, Fairbanks
Hofmann (+3)	S-257A	NOAA

Operations (10 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Makovicka (+9)	S-150A	University of Nebraska

Technical Support for USAP (9 Technical Representatives)

	<u>I.D. No.</u>	<u>Institution</u>
Johnston (+0)	T-376	NASA
Culin (+2)	T-377	Allied Signal Technical Services
Maeda (+1)	T-382	PACDIV
Walsh (+3)	T-384	Cold Regions Research and Engineering Laboratory

PALMER STATION (39 Scientists)

Aeronomy and Astrophysics (1 Scientist)

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

Biology and Medical Research (33 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mopper (+4)	S-002A	Washington State University
Kieber (+0)	S-002B	SUNY College of Environmental Science & Forestry
Day (+3)	S-003	Arizona State University
Karentz (+4)	S-007	University of San Francisco
Bosch (+0)	S-007B	State University of New York
Neale (+2)	S-010	Smithsonian Institution
Vernet (+4)	S-016	Scripps Institution of Oceanography

Quetin (+4)	S-028	University of California, Santa Barbara
Smith (+0)	S-032	University of California, Santa Barbara
Fraser (+2)	S-035	Montana State University

Environmental Research (5 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fraser (+1)	S-013	Montana State University
Anderson (+2)	S-300	Woods Hole Oceanographic Institution

R/V LAURENCE M. GOULD (48 Scientists)

Aeronomy and Astrophysics (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Fritts (+4)	S-113	Colorado Research Associates

(6 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Karl (+5)	S-046	University of Hawaii

Geology and Geophysics (24 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Domack (+19)	S-072	Hamilton College
Dalziel (+1)	S-087	University of Texas
Wiens (+1)	S-097	Washington University

R/V NATHANIEL B. PALMER (116 Scientists)

Biology and Medical Research (63 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Trivelpiece (+3)	S-040	Montana State University
Eastman (+2)	S-048	Ohio University
Codispoti (+1)	S-209	Old Dominion University
Morrison (+1)	S-210	North Carolina State University

	<u>I.D. No.</u>	<u>Institution</u>
Anderson (+4)	S-211	Columbia University
Abbott (+0)	S-212	Oregon State University
Takahashi (+5)	S-214	Columbia University
Sayles (+4)	S-217	Woods Hole Oceanographic Institution
Hansell (+1)	S-223	Bermuda Biological Station for Research
Dymond (+4)	S-227	Oregon State University
Honjo (+3)	S-228	Woods Hole Oceanographic Institution
Smith (+2)	S-233	University of Tennessee
Bronk (+1)	S-238	The University of Georgia
Cochlan (+0)	S-239	University of Southern California
Ducklow (+1)	S-244	Virginia Institute of Marine Sciences
Kirchman (+0)	S-245	University of Delaware
Hedges (+0)	S-246	University of Washington
Lee (+1)	S-247	State University of New York at Stony Brook
Wakeham (+0)	S-248	Skidaway Institute of Oceanography
Smith (+2)	S-255	University of Tennessee
Gordon (+1)	S-256	Oregon State University
Masten (+1)	S-258	University of California, San Diego
Garrison (+3)	S-325	University of California, Santa Cruz

Geology and Geophysics (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Anderson (+6)	S-083	Rice University

Ocean and Climate Systems (46 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Muench (+24)	S-203	Earth & Space Research
Dunbar (+8)	S-216A	William Marsh Rice University
Mitchell (+0)	S-261	University of California, San Diego
Stramski (+1)	S-262	University of Southern California
Jeffries (+9)	S-286	University of Alaska, Fairbanks

R/V ROGER REVELLE (131 Scientists)

Biology and Medical Research (127 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Codispoti (+5)	S-209	Old Dominion University
Morrison (+5)	S-210	North Carolina State University
Abbott (+4)	S-212	Oregon State University
Peltzer (+3)	S-213	Woods Hole Oceanographic Institution
Takahashi (+3)	S-214	Columbia University
Olson (+1)	S-215	Woods Hole Oceanographic Institution
Bender (+3)	S-218	University of Rhode Island
Coale (+4)	S-219	Moss Landing Marine Laboratory
Dagg (+3)	S-220	Louisiana Universities Marine Consortium
Gardner (+5)	S-222	Texas A & M University
Hansell (+0)	S-223	Bermuda Biological Station for Research
Buesseler (+2)	S-224	Woods Hole Oceanographic Institution
Measures (+7)	S-225	University of Hawaii
Sambrotto (+3)	S-226	Columbia University
Barber (+0)	S-231	Duke University
Marra (+0)	S-232	Columbia University
Smith (+0)	S-233	University of Tennessee
Brzezinski (+3)	S-234	University of California, Santa Barbara
Nelson (+2)	S-235	Oregon State University
Altabet (+1)	S-236	University of Massachusetts Dartmouth
Bacon (+1)	S-240	Woods Hole Oceanographic Institution
Cochran (+1)	S-241	State University of New York, Stony Brook
Cowles (+11)	S-242	Oregon State University
Azam (+0)	S-243	University of California, San Diego
Ducklow (+0)	S-244	Virginia Institute of Marine Sciences
Kirchman (+1)	S-245	University of Delaware
Landry (+7)	S-249	University of Hawaii - Manoa
Huntley (+3)	S-250	University of California, San Diego
Millero (+3)	S-253	University of Miami

	<u>I.D. No.</u>	<u>Institution</u>
Smith (+3)	S-255	University of Tennessee
Gordon (+5)	S-256	Oregon State University
Masten (+6)	S-258	University of California, San Diego

Ocean and Climate Systems (4 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mitchell (+1)	S-261	University of California, San Diego
Stramski (+1)	S-262	University of Southern California