

## 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 2007-2008 season will be:

### McMurdo Station

|                                 |  |
|---------------------------------|--|
| Don Brogan                      | 20 Feb 08 – 20 Oct 08<br>10 Nov 08 – 20 Feb 09 |
| Michael Dyer                    | 13 Oct 08 – ?                                  |
| Tom Ellis                       | 13 Oct 08 – ?                                  |
| Terry Melton                    | 4 Sept 08 – 25 Feb 09                          |
| William Henriksen (winter-over) | 25 Feb 08 – 4 Oct 08                           |

### Amundsen-Scott South Pole Station

|                 |                       |
|-----------------|-----------------------|
| Dave Scheuerman | 23 Oct 08 – 14 Feb 09 |
| Logan Grover    | 14 Feb 09 – 25 Oct 09 |

### Palmer Station

|                   |                      |
|-------------------|----------------------|
| Rebecca Shoop     | 19 Sep 08 – 3 Jan 09 |
| Robert Farrell    | 3 Jan 09 – 2 Apr 09  |
| TBD (winter over) | 2 Apr 09 – 20 Sep 09 |

## Officers in Charge of Ships

|  |   |
|--|---|
| Champion Class T-5 Tanker<br>(fuel tanker)   | TBA                                       |
| Cargo Re-supply Vessel, <i>American Tern</i> | TBA                                       |
| R/V <i>Nathaniel B. Palmer</i>               | Captains Mike Watson and Scott<br>Dunaway |

R/V *Laurence M. Gould*

Captains Martin Galster and  
Scott Flanagan

## Numbers, Occupations and Specialization of Personnel

### McMurdo

|                          | Summer          |                 | Winter          |                 |
|--------------------------|-----------------|-----------------|-----------------|-----------------|
|                          | <u>Military</u> | <u>Civilian</u> | <u>Military</u> | <u>Civilian</u> |
| Headquarters             | 3               | 40              | 0               | 10              |
| Science Support          | 0               | 42              | 0               | 5               |
| Operations               | 2               | 252             | 0               | 44              |
| Logistics                | 62              | 91              | 0               | 14              |
| SPSM/SPSE                | 0               | 2               | 0               | 0               |
| Engineering/Construction | 0               | 75              | 0               | 12              |
| Information Systems      | 0               | 37              | 0               | 8               |
| Aviation                 | 187             | 40              | 4               | 0               |
| Scientists               | 0               | 149             | 0               | 0               |
| Working Visitors         | 3               | 34              | 0               | 2               |

### South Pole

|                          | Summer          |                 | Winter          |                 |
|--------------------------|-----------------|-----------------|-----------------|-----------------|
|                          | <u>Military</u> | <u>Civilian</u> | <u>Military</u> | <u>Civilian</u> |
| Headquarters             | 0               | 12              | 0               | 3               |
| Science Support          | 0               | 10              | 0               | 5               |
| Operations, EH&S         | 0               | 38              | 0               | 13              |
| Logistics                | 0               | 18              | 0               | 3               |
| SPSM/SPSE                | 0               | 0               | 0               | 0               |
| Engineering/Construction | 0               | 15              | 0               | 14              |
| Information Systems      | 0               | 13              | 0               | 4               |

|                  |   |    |   |   |
|------------------|---|----|---|---|
| Aviation         | 0 | 0  | 0 | 0 |
| Scientists       | 0 | 84 | 0 | 8 |
| Working Visitors | 2 | 17 | 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               | 3               |
| Operations               | 0               | 7               | 0               | 4               |
| Logistics                | 0               | 2               | 0               | 2               |
| Engineering/Construction | 0               | 5               | 0               | 7               |
| Information Systems      | 0               | 3               | 0               | 2               |
| Scientist                | 0               | 9               | 0               | 10              |
| Working Visitors         | 0               | 0               | 0               | 2               |

### **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               | 2               |
| Meteorologist Technician | 0               | 1               |
| Cook                     | 0               | 3               |
| Heavy Equipment Mechanic | 0               | 1               |
| Equipment Operator       | 0               | 2               |
| Engineering/Construction | 0               | 6               |
| Scientists               | 0               | 30              |
| Fuels Personnel          | 0               | 1               |



**R/V Nathaniel B. Palmer**

|                 | <i>Number of Personnel</i> |
|-----------------|----------------------------|
| Crew            | 20                         |
| Scientists/RPSC | 22                         |

**R/V Laurence M. Gould**

|                 | <i>Number of Personnel</i> |
|-----------------|----------------------------|
| Crew            | 15                         |
| Scientists/RPSC | 28                         |

## 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** (366 Scientists)

#### **Aeronomy & Astrophysics** (71 Scientists)

|                  | <u><i>I.D. No.</i></u> | <u><i>Institution</i></u>   |
|------------------|------------------------|-----------------------------|
| Fraser-Smith (0) | A-100-M                | Stanford University         |
| Engebretson (2)  | A-102-M/S              | Augsburg College            |
| Hernandez (4)    | A-110-M/S              | University of Washington    |
| Weatherwax (3)   | A-111-M/S              | Siena College               |
| Lessard (2)      | A-112-M                | University of New Hampshire |
| Bieber (0)       | A-120-M                | University of Delaware      |
| Deshler (4)      | A-131-M                | University of Wyoming       |

|               | <u>I.D. No.</u> | <u>Institution</u>                            |
|---------------|-----------------|---|
| Seo (9)       | A-137-M         | University of Maryland                        |
| Mitchell (3)  | A-140-M         | National Aeronautics and Space Administration |
| Gorham (15)   | A-142-M         | University of Hawaii                          |
| Sullivan (29) | A-145-M         | Columbia Scientific Balloon Facility          |

**Organisms and Ecosystems** (98 Scientists)

|               | <u>I.D. No.</u> | <u>Institution</u>                   |
|---------------|-----------------|--------------------------------------|
| Garrott (8)   | B-009-M         | Montana State University Bozeman     |
| Davis (7)     | B-017-M         | Texas A & M University               |
| Ainley (8)    | B-031-M         | H.T. Harvey & Associates             |
| Emslie (6)    | B-034-E/M       | (Other)                              |
| Kim (8)       | B-174-M         | San Jose State University            |
| Ponganis (6)  | B-197-M         | Scripps Institution of Oceanography  |
| Doran (7)     | B-211-M         | University of Illinois Chicago       |
| Saito (5)     | B-243-M         | Woods Hole Oceanographic Institution |
| Carpenter (4) | B-305-M         | San Francisco State University       |
| Joye (4)      | B-332-M         | University of Georgia                |
| Lyons (4)     | B-420-M         | Ohio State University                |
| McKnight (3)  | B-421-M         | University of Colorado Boulder       |
| Priscu (4)    | B-422-M         | Montana State University Bozeman     |
| Virginia (5)  | B-423-M         | Dartmouth College                    |
| Wall (4)      | B-424-M         | Colorado State University            |
| Fountain (4)  | B-425-M         | Portland State University            |
| Doran (4)     | B-426-M         | University of Illinois Chicago       |
| Lyons (3)     | B-428-M         | Ohio State University                |
| Spain (0)     | B-429-M         | Raytheon Polar Services              |
| Kennicutt (4) | B-518-M         | Texas A & M University               |

**Earth Sciences** (116 Scientists)

|                  | <u>I.D. No.</u> | <u>Institution</u>                            |
|------------------|-----------------|---|
| Pekar (14)       | G-049-M         | City University of New York/Queens College    |
| Nyblade (10)     | G-055-M         | Pennsylvania State University                 |
| Harvey (7)       | G-058-M         | Case Western Reserve University               |
| Bell (8)         | G-065-M         | Columbia University                           |
| Bender (5)       | G-070-M         | Princeton University                          |
| Kemerait (7)     | G-078-M         | United States Air Force                       |
| Kyle (10)        | G-081-M         | New Mexico Institute of Mining and Technology |
| Miller (8)       | G-093-M         | Vanderbilt University                         |
| Blankenship (9)  | G-098-M         | University of Texas Austin                    |
| Sletten (5)      | G-121-M         | University of Washington                      |
| Gillies (3)      | G-167-M         | Desert Research Institute                     |
| Ashworth (6)     | G-294-M         | (Other)                                       |
| Johns (3)        | G-296-M/S       | UNAVCO  |
| Stone (2)        | G-433-M         | University of Washington                      |
| Morin (6)        | G-434-M         | University of Minnesota                       |
| Huerta (7)       | G-437-M         | (Other)                                       |
| Mukhopadhyay (4) | G-438-M         | Harvard University                            |
| Staudigel (2)    | G-439-M         | Scripps Institution of Oceanography           |

**Glaciology** (51 Scientists)

|              | <u>I.D. No.</u> | <u>Institution</u>              |
|--------------|-----------------|---------------------------------|
| Frey (2)     | I-151-M         | University of California Merced |
| Albert (15)  | I-155-M         | Dartmouth College               |
| Joughin (1)  | I-157-M         | University of Washington        |
| Alley (1)    | I-168-M         | Pennsylvania State University   |
| Gogineni (0) | I-185-M         | University of Kansas Lawrence   |
| Gogineni (6) | I-188-M         | University of Kansas Lawrence   |
| Gogineni (0) | I-189-M         | University of Kansas Lawrence   |



|                    | <u><i>I.D. No.</i></u> | <u><i>Institution</i></u>           |
|--------------------|------------------------|-------------------------------------|
| Hall (6)           | I-196-M                | The University of Maine             |
| Anandakrishnan (2) | I-205-M                | Pennsylvania State University       |
| Tulaczyk (4)       | I-345-M                | University of California Santa Cruz |
| Taylor (12)        | I-477-M                | Desert Research Institute           |
| Schumann (2)       | I-478-M                | United States Geological Survey     |

***Ocean & Atmospheric Sciences*** (10 Scientists)

|             | <u><i>I.D. No.</i></u> | <u><i>Institution</i></u>       |
|-------------|------------------------|---------------------------------|
| Stearns (2) | O-202-M                | University of Wisconsin Madison |
| Lazzara (6) | O-283-M                | University of Wisconsin Madison |
| Cassano (2) | O-400-M                | University of Colorado Boulder  |

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**Technical Projects (123 Personnel)**

|                 | <u><i>I.D. No.</i></u> | <u><i>Institution</i></u> |
|-----------------|------------------------|---------------------------|
| Booth (2)       | R-513-M                | (Other)                   |
| Kenry (8)       | R-751-M                | (Other)                   |
| Robbins (2)     | R-756-M                | (Other)                   |
| Carroll (4)     | R-760-M                | (Other)                   |
| Buckley (2)     | R-761-M                | (Other)                   |
| Johnson (0)     | R-764-M                | (Other)                   |
| Crist (1)       | R-774-M                | (Other)                   |
| Cook (1)        | R-778-M                | (Other)                   |
| Cook (0)        | R-779-M                | (Other)                   |
| Johnson (2)     | R-780-M                | (Other)                   |
| Furnish (1)     | R-800-M                | (Other)                   |
| Christensen (7) | R-805-M                | (Other)                   |
| Schoenwald (0)  | R-811-M                | (Other)                   |
| Taube (0)       | R-822-M                | (Other)                   |
| Murray (1)      | R-825-M                | (Other)                   |
| Sucher (7)      | R-831-M                | (Other)                   |
| Scott (0)       | R-834-M                | (Other)                   |
| Sliester (1)    | R-837-M                | (Other)                   |
| Campbell (9)    | R-840-M                | (Other)                   |
| Haywood (1)     | R-841-M                | (Other)                   |
| Mazzeo (3)      | R-849-M                | (Other)                   |
| Kauffman (1)    | R-876-M                | (Other)                   |
| Johnson (0)     | R-877-M                | (Other)                   |
| Hess (1)        | R-881-M                | (Other)                   |
| de Lore (16)    | R-961-M                | (Other)                   |
| Bentley (14)    | T-350-M                | (Other)                   |
| Szuberla (6)    | T-396-M                | (Other)                   |
| Loutitt (15)    | T-500-M                | (Other)                   |

|                |         |         |
|----------------|---------|---------|
| Kolden (2)     | T-911-M | (Other) |
| Griffin (11)   | T-927-M | (Other) |
| Comberiate (5) | T-966-M | NASA    |

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

|                             | <u>I.D. No.</u> | <u>Institution</u>                     |
|-----------------------------|-----------------|--|
| Blatt (1)                   | W-467-M         | (Other)                                |
| Noble (1)                   | W-468-M         | (Other)                                |
| Hersko (1)                  | W-479-M         | California State University San Marcos |
| Bartalos Von<br>Nagymad (1) | W-481-M         | (Other)                                |

**SOUTH POLE STATION** (162 Scientists)

**Aeronomy & Astrophysics** (139 Scientists)

|                 | <u>I.D. No.</u> | <u>Institution</u>                   |
|-----------------|-----------------|--------------------------------------|
| Lange (7)       | A-033-S         | California Institute of Technology   |
| Kovac (4)       | A-039-S         | California Institute of Technology   |
| Engebretson (2) | A-102-M/S       | Augsburg College                     |
| Mende (1)       | A-104-S         | University of California Berkeley    |
| Inan (2)        | A-108-S         | Stanford University                  |
| Hernandez (4)   | A-110-M/S       | University of Washington             |
| Weatherwax (3)  | A-111-M/S       | Siena College                        |
| Taylor (1)      | A-119-S         | Utah State University                |
| LaBelle (0)     | A-128-S         | Dartmouth College                    |
| Sivjee (2)      | A-129-S         | Embry Riddle Aeronautical University |
| Palo (5)        | A-284-S         | University of Colorado Boulder       |
| Halzen (87)     | A-333-S         | University of Wisconsin Madison      |

|                | <u>I.D. No.</u> | <u>Institution</u>    |
|----------------|-----------------|-----------------------|
| Carlstrom (4)  | A-370-S         | University of Chicago |
| Carlstrom (17) | A-379-S         | University of Chicago |

**Organisms and Ecosystems** (0 Scientists)

**Earth Sciences** (6 Scientists)

|            | <u>I.D. No.</u> | <u>Institution</u>                                |
|------------|-----------------|---|
| Butler (3) | G-090-P/S       | Incorporated Research Institutions for Seismology |
| Johns (3)  | G-296-M/S       | UNAVCO  |

**Glaciology** (4 Scientists)

|           | <u>I.D. No.</u> | <u>Institution</u>              |
|-----------|-----------------|---------------------------------|
| Aydin (4) | I-344-S         | University of California Irvine |

**Ocean & Atmospheric Sciences** (12 Scientist)

|            | <u>I.D. No.</u> | <u>Institution</u>                              |
|------------|-----------------|---|
| Lawson (5) | O-226-S         | SPEC, Inc.                                      |
| Butler (7) | O-257-S         | National Oceanic and Atmospheric Administration |

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

|           | <u>I.D. No.</u> | <u>Institution</u> |
|-----------|-----------------|--------------------|
| Panek (1) | W-483-S         | (Other)            |

**PALMER STATION** (45 Scientists)

**Aeronomy & Astrophysics** (0 Scientist)

|          | <u>I.D. No.</u> | <u>Institution</u>  |
|----------|-----------------|---------------------|
| Inan (0) | A-306-P         | Stanford University |

**Organisms and Ecosystems** (24 Scientists)

|               | <u>I.D. No.</u> | <u>Institution</u>                 |
|---------------|-----------------|------------------------------------|
| DeVries (5)   | B-005-L/P       | University of Illinois Urbana      |
| Fraser (6)    | B-013-L/P       | Polar Oceans Research Group        |
| Schofield (6) | B-019-L/P       | Rutgers University                 |
| Ducklow (7)   | B-045-L/P       | Marine Biological Laboratory (MBL) |

**Earth Sciences** (3 Scientists)

|            | <u>I.D. No.</u> | <u>Institution</u>                                   |
|------------|-----------------|--|
| Butler (3) | G-090-P/S       | Incorporated Research Institutions<br>for Seismology |

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

|            | <u>I.D. No.</u> | <u>Institution</u>                                 |
|------------|-----------------|--|
| Butler (0) | O-264-P         | National Oceanic and Atmospheric<br>Administration |

**Writers & Artists Program** (14 Personnel)

|           | <u>I.D. No.</u> | <u>Institution</u>                 |
|-----------|-----------------|------------------------------------|
| Wu (9)    | Y-608-M/P       | (Other)                            |
| Neill (5) | Y-609-P         | Marine Biological Laboratory (MBL) |

**R/V Laurence M. Gould** (34 Scientists)

**Organisms and Ecosystems** (31 Scientists)

|               | <u>I.D. No.</u> | <u>Institution</u>                    |
|---------------|-----------------|---------------------------------------|
| DeVries (5)   | B-005-L/P       | University of Illinois Urbana         |
| Fraser (6)    | B-013-L/P       | Polar Oceans Research Group           |
| Schofield (6) | B-019-L/P       | Rutgers University                    |
| Steinberg (6) | B-020-L         | Virginia Institute of Marine Sciences |
| Martinson (1) | B-021-L         | Columbia University                   |
| Ducklow (7)   | B-045-L/P       | Marine Biological Laboratory (MBL)    |

**Earth Sciences** (0 Scientists)

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

|               | <u>I.D. No.</u> | <u>Institution</u>                  |
|---------------|-----------------|-------------------------------------|
| Martinson (0) | O-241-L         | Columbia University                 |
| Sprintall (0) | O-260-L         | Scripps Institution of Oceanography |
| Chereskin (0) | O-317-L         | University of California San Diego  |

**R/V Nathaniel B. Palmer** (44 Scientists)

**Aeronomy & Astrophysics** (0 Scientists)

|          | <u>I.D. No.</u> | <u>Institution</u>  |
|----------|-----------------|---------------------|
| Inan (0) | A-327-N         | Stanford University |

**Organisms and Ecosystems** (12 Scientists)

|              | <u>I.D. No.</u> | <u>Institution</u>                       |
|--------------|-----------------|--|
| Smith (0)    | B-050-N         | Monterey Bay Aquarium Research Institute |
| DeMaster (7) | B-237-N         | North Carolina State University          |
| Arrigo (5)   | B-244-N         | Stanford University                      |
| Shaw (0)     | B-387-N         | University of South Carolina             |

**Earth Sciences** (0 Scientists)

**Ocean & Atmospheric Sciences** (32 Scientists)

|               | <u>I.D. No.</u> | <u>Institution</u>                               |
|---------------|-----------------|--|
| Sweeney (7)   | O-214-N         | NOAA/CMDL (Climate Monitoring & Diagnostics Lab) |
| Yuan (2)      | O-261-N         | Columbia University                              |
| Jacobs (15)   | O-274-N         | Columbia University                              |
| Chereskin (8) | O-313-N         | University of California San Diego               |
| Firing (0)    | O-315-N         | University of Hawaii Manoa                       |