

# **United States Antarctic Activities 1999-2000**

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*This site fulfills the annual obligation of the United States of America as an Antarctic Treaty signatory to report its activities taking place in Antarctica. This portion, Modifications to Plans 1999-2000, supplements Planned Activities for July 1999 through June 2000 published elsewhere on this site.*



**National Science Foundation  
Arlington, Virginia 22230  
June 30, 2000**

## **Introduction**

Organization and content of this site respond to articles III(1) and VII(5) of the Antarctic Treaty. Format is as prescribed in the Annex to Antarctic Treaty Recommendation VIII-6, as amended by Recommendation XIII-3.

The National Science Foundation, an agency of the U.S. Government, manages and funds the United States Antarctic Program. This program comprises almost the totality of publicly supported U.S. antarctic activities—performed mainly by scientists (often in collaboration with scientists from other Antarctic Treaty nations) based at U.S. universities and other Federal agencies; operations performed by firms under contract to the Foundation; and military logistics by units of the Department of Defense.

Activities such as tourism sponsored by private U.S. groups or individuals are included. In the past, some private U.S. groups have arranged their activities with groups in another Treaty nation; to the extent that these activities are known to NSF, they are included. Visits to U.S. Antarctic stations by non-governmental groups are described in Section XVI.

This document is intended primarily for use as a Web-based file, but can be printed using the PDF option. Its internal cross links and links to other sites present more information than in the print publications of past years. These links also are intended to facilitate easy use of the site.

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# **I. Ships and Aircraft**

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*Section I of the Modifications of Activities Planned for 1999-00  
lists any changes to ship and aircraft usage  
planned for this time period.*

## **Ships**

No significant changes are reported.

## **Aircraft**

The 109<sup>th</sup> Tactical Airlift Group (TAG) of the Air National Guard (ANG) based in Schenectady, New York provided four LC-130 aircraft during the first half of the deployment season, and then brought a fifth LC-130 aircraft after the holidays to fly intra-continental flight operations.

The Royal New Zealand Air Force provided airlift support between Christchurch, New Zealand and McMurdo Station, Antarctica from November to December, and during late January through early February.

## **II. Expedition Dates**

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*Section II of the Modifications of Activities Planned for 1999-00  
lists the actual dates of significant events occurring  
during this time period.*

### **Significant Dates of Expeditions**

<u>Date</u>	<u>Activity</u>
21 Mar 99	LMG99-3 Multi-disciplinary study of Antarctic fishes and phytoplankton. (Sidell, Detrich, Visibeck, D. Anderson)
28 Mar 99	NBP99-3 Studies of sediment dispersal patterns (Domack)
15 Apr 99	NBP99-4 Study of hydrothermal activity in the Bransfield Strait (Klinkhammer)
27 Apr 99	LMG99-4&5 Continuation of LMG99-3 (Sidell, Detrich)
14 May 99	NBP99-5 Seismometer deployments in the South Shetland Island Archipelago (Dorman, Wiens)
11 Jun 99	NBP99-6 Long-term study of Antarctic marine ecosystem (LTER)
09 Jul 99	LMG99-6 Palmer Station support
19 Jul 99	NBP99-7 Maintenance period in Talcahuano, Chile
01 Aug 99	LMG99-7 Transit to Talcahuano, Chile for maintenance
17 Aug 99	NBP99-8 Magnetic anomaly mapping (Cande)
20 Aug 99	First flight to McMurdo for Winfly operations
08 Sep 99	NBP Vessel lay-up in Christchurch, New Zealand
14 Sep 99	LMG99-8 Palmer Station support, ADCP shakedown (Chereskin)
18 Sep 99	Palmer Station annual relief, summer operations commence
28 Sep 99	LMG99-8A UNOLS vessel science inspection
30 Sep 99	First C-141 mission to McMurdo during Ice Runway period (1 of 21); McMurdo Station commences summer operations
01 Oct 99	First C-5 mission to McMurdo of the season (1 of 2)
04 Oct 99	Marble Point opens

<u>Date</u>	<u>Activity</u>
09 Oct 99	LMG99-8B Palmer Station turnover and Copacabana opening
13 Oct 99	Copacabana Field Camp opens
15 Oct 99	First C-17 mission to McMurdo – Test Flight, Cargo Only (1 of 2)
16 Oct 99	South Pole Medevac mission
25 Oct 99	South Pole begins summer operations
25 Oct 99	LMG99-9 Ongoing study of water column and benthic community around Deception Island (K. Smith)
28 Oct 99	Cape Shirreff Field Station Opens
02 Nov 99	Siple Dome opens
13 Nov 99	Byrd Surface Camp opens
20 Nov 99	LMG99-10 Study of bloom material along th West Antarctic shelf, Microbiology and carbon fluz study near Victor Hugo Island (Karl, C. Smith, DeMaster)
23 Nov 99	Midpoint Camp opens
11 Dec 99	Transfer flight operations from sea ice runway to Williams field skiway.
17 Dec 99	LMG00-1 LTER studies of sea-ice dynamics effect on biology (Fraser, Vernet, Martinson, Quetin, Smith, Karl)
20 Dec 99	NBP99-9 Study of pack ice seals in southern ocean & Ross Sea (Bengtson, Torres, Ackley, Quetin, Castellini, Stewart, Yochem, and Siniff)
27 Dec 99	Midpoint Camp closes
28 Dec 99	USCGC <i>Polar Star</i> commences break-in of ice channel to McMurdo Station
02 Jan 00	109 <sup>th</sup> AW brings fifth LC-130 aircraft to McMurdo
17 Jan 00	<i>M/V Richard G. Matthisen</i> (tanker) moored at McMurdo ice pier and commences station refueling operations
22 Jan 00	Refueling operations completed; <i>Matthisen</i> departs McMurdo
23-24 Jan 00	USCGC <i>Polar Star</i> refuels Marble Point
25 Jan 00	Byrd Surface Camp closes
01 Feb 00	First C-141 mission to McMurdo for redeployment (1 of 10)
05 Feb 00	Ongoing time-series study of the water column and benthic community around Deception Island (K. Smith)
06 Feb 00	<i>Polar Star</i> commences southbound escort of <i>M/V Green Wave</i>

<u>Date</u>	<u>Activity</u>
10 Feb 00	<i>Green Wave</i> arrives McMurdo ice pier; cargo offload operations commence
11 Feb 00	Marble Point closes
17 Feb 00	<i>Green Wave</i> departs McMurdo ice pier; cargo operations completed. <i>Polar Star</i> completes McMurdo operations and commences transit to Oates Coast in support of Antarctic Ice Pack Seal Program (APIS)
18 Feb 00	South Pole Station commences winter-over operations
25 Feb 00	109th AW departs McMurdo
25 Feb 00	Final C-141 turnaround mission at McMurdo
25 Feb 00	McMurdo Station commences winter-over operations
08 Mar 00	Copacabana Field Camp closes
09 Mar 00	Cape Shirreff Field Station closes

**Note:** LMG = R/V *Laurence M. Gould*  
NBP = R/V *Nathaniel B. Palmer*



## **III. Stations**

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*Section III of the Modifications of Activities Planned for 1999-2000 lists the names, locations, and actual opening dates of the Party's bases and subsidiary stations established in the Antarctic Treaty Area, and whether they are for summer and/ or winter operations.*

### **Year Round Stations**

#### **McMurdo Station**

Location: Hut Point Peninsula on Ross Island in McMurdo Sound  
77° 55'S Latitude  
166° 39'E Longitude  
Annual Relief: 20 August 1999

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

Location: 90° 00'S Latitude  
Annual Relief: 25 October 1999

#### **Palmer Station**

Location: Anvers Island near Bonaparte Point  
64° 46'S Latitude  
64° 05'W Longitude  
Annual Relief: 14 September 1998

## **Austral Summer Camps**

### **Siple Dome Camp**

Location: 81° 39'S Latitude  
149° 04'W Longitude

Open: 02 November 1999

Close: 31 January 2000

### **Byrd Camp**

Location: 80° 05'S Latitude  
119° 32'W Longitude

Open: 13 November 1999

Close: 25 January 2000

### **Mid-C Camp**

Location: 75° 32'S Latitude  
145° 49'W Longitude

Open: 23 November 1999

Close: 27 December 1999

### **Pieter J. Lenie Field Station ("Copacabana"), King George Island**

Location: 62° 10'S Latitude  
58° 28'W Longitude

Open: 13 October 1999

Close: 08 March 2000

**Cape Shirreff Field Station, Livingston Island**

Location:                   62° 28'S Latitude  
                                  60° 47'W Longitude

Open:                        29 October 1999

Close:                       09 March 2000

## IV. Personnel

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*Section IV of the Modifications of Activities Planned for 1999-2000 lists actual dates that senior management personnel were on-station in Antarctica during this time period. Appendix III of this document provides a comprehensive listing of all persons transiting the 60<sup>th</sup> South parallel, the date of transit, their professional affiliation, and visitor category.*

### Senior United States Representatives

<b>DATES</b>	<b>NAME</b>
19 Nov 98 – 14 Dec 98	Erick Chiang
18 Jan 99 – 21 Jan 99	Erick Chiang
22 Jan 99 – 28 Jan 99	Karl A. Erb

### NSF Representatives in Antarctica

\* Denotes Science Representative

<b>DATES</b>	<b>NAME</b>	<b>LOCATION</b>
20 Aug 99 – 27 Aug 99	David M. Bresnahan	McMurdo
30 Sept 99 – 05 Dec 99	Alexander L. Sutherland	McMurdo
25 Oct 99 – 24 Nov 99	Julie M. Palais *	McMurdo
25 Nov 99 – 21 Dec 99	Scott G. Borg *	McMurdo
14 Dec 99 – 18 Feb 2000	Dwight D. Fisher	McMurdo
05 Jan 2000 – 26 Jan 2000	Bernhard Lettau *	McMurdo
11 Nov 99 – 16 Dec 99	Jerry W. Marty	South Pole

<b>DATES</b>	<b>NAME</b>	<b>LOCATION</b>
04 Dec 99 – 10 Jan 2000	Richard Hirsh *	South Pole
07 Jan 2000 – 17 Feb 2000	Jerry W. Marty	South Pole
11 Jan 2000 – 29 Jan 2000	Eugene Loh *	South Pole
06 Jan 2000 – 16 Feb 2000	Polly A. Penhale	Palmer

## **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 were:

### **McMurdo Station**

COL Richard M. Saburro, USAF	30 Sept 99 – 25 Feb 2000
Terry L. Melton (winter over, 1998-99)	23 Oct 98 – 30 Oct 99
William A. Coughran (winter-over, 1999-2000)	31 Oct 99 -

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

Edward Blain, Station Manager	25 Oct 99 – 17 Feb 2000
Scott Hulse (winter-over, 1999-2000)	18 Feb 2000 -

### **Palmer Station**

Robert Farrell, Station Manager	16 Sep 99- 24 Feb 2000
Christopher Cuning (winter-over, 1998-99)	24 Mar 99 –15 Sept 99
Robert Farrell (winter-over, 1999-2000)	15 April 2000 -

## **Numbers, Occupations and Specializations of Personnel**

No Significant Changes

## **Numbers of Personnel Who Are Members of The Military Service**

No significant Changes

## **Personnel Engaged in Scientific Activities** (with professional affiliation)

Please see Appendix III

## **V. Armaments**

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*Section V of the Modifications of Activities Planned for 1999-2000 details changes in the number and type of armaments possessed by personnel at the main Antarctic stations and on research vessels.*

*No significant changes were noted during the reporting period at any station or on research vessels.*

## **VI. Project Descriptions**

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*No modifications of field research projects are presented here, but original plans and project descriptions are available in Appendix II of this document.*



## VII. Scientific Equipment

*Section VII lists additions and deletions to the principal scientific equipment available at McMurdo, South Pole, and Palmer stations and onboard USAP research vessels.*

### ADDITIONS

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG<sup>1</sup></u>	<u>NBP<sup>2</sup></u>	<u>AGO<sup>3</sup></u>
<b>Astrophysics Aeronomy</b>						
Antenna, VLF Loop						X
Camera, All-Sky						X
Leak Detection and Vacuum Pump Equipment	X		X			
LIDAR						X
Magnetometer, Three Component Air Core Induction		X				X
Magnetometer, Three Axis Fluxgate						X
Oscilloscope						X
Power Supply Controller (PSC)						X
Pump, Turbomolecular			X			
Receiving System, VLF		X				X
Riometers, 30 & 50 MHz						X
Transport, Liquid Helium (program-owned)		X				
Uninterrupted Power Supply (UPS)				X	X	
<b>Biology</b>						
Chromatography, High Performance Liquid System (HPLC)					X	

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
Dewar, Liquid Nitrogen Storage		X				
Ice Maker	X				X	
Incubator, Percival	X					
Pump, Vacuum		X				
Receiver, VHF Radio		X				
Spectroradiometer		X				
Spectrophotometer, Diode Array			X			
Thermometer, Digital		X				
<b>Computers</b>						
<u>MacIntosh:</u>						
Computer, Desktop, Pentium	X					
Computer, G3			X		X	
Computer, G4	X					
<u>PC:</u>						
Computer, Desktop Pentium		X				
Computer, Portable, 486						X
Computer, Portable, 586			X	X	X	X
<u>Workstation:</u>						
SGI 02				X		
Sun SPARC 5	X					
Sun Ultra 10	X					
<b>Miscellaneous</b>						
CDRom, -R		X				
CD Writer		X		X	X	
Digitizer - Scanner			X			
JAZ Drive	X					
Plotter, Ink Jet, Color	X					

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG<sup>1</sup></u>	<u>NBP<sup>2</sup></u>	<u>AGO<sup>3</sup></u>
Storage Computers (CAGOSTO)						X
Zip Drive						X
<b>Geology/Geophysics</b>						
Global Positioning System	X	X	X	X	X	X
Jack Hammer			X			
Petrographic Scope	X					
<b>Glaciology</b>						
Ice Auger, Kovacs					X	
<b>Meteorology</b>						
Helium ISO Module	X	X				
Lhe Vapor Recovery System		X				
Temperature Thermometers						X
Pressure Indicators						X
Pygeometers				X	X	
Pyranometer				X		
Weather Station		X				
Wind Anemometers						X
Wind Indicators						X
Wind System and Recorder with Transmitter		X				
<b>Oceanography/Limnology</b>						
Winch, Portable Hand						X
<b>Seismology</b>						
IRIS System						X

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
<b>Other</b>						
Cryogen Vaporizer		X				
Data link, Satellite						X
Frequency Counter		X		X		
Handheld Global Positioning System				X	X	
Nitrogen Generator		X				
Projector, Video		X				
Scanner				X		

1 = R/V LAURENCE M. GOULD

2 = R/V NATHANIEL B. PALMER

3 = AUTOMATED GEOPHYSICAL OBSERVATORY

### **DELETIONS**

	<u>McMurdo</u>	<u>Spole</u>	<u>Palmer</u>	<u>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
<b>Astrophysics Aeronomy</b>						
Nitrogen Liquifier	X	X				
<b>Biology</b>						
Camera, Still, Underwater						X
Counter, Liquid Scintillation						X
Counter, Particle			X			
Cryostat	X					
Melter, Ice Hole					X	
Video System, Underwater					X	

	<u>McMurdo</u>	<u>Spole</u>	<u>Palmer</u>	<u>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
<b>Computers</b>						
<u>Mini:</u>						
DEC Microvax	X	X				
DEC PDP-II	X	X				
DEC PDP-II-73		X				
<u>PC:</u>						
Computer, Desktop, XT	X	X				
Computer, Desktop, 286	X	X		X		
Computer, Desktop, 386				X	X	
Computer, Portable, 286	X					
Computer, Portable, 386					X	
Computer, Server, 486	X					
<u>Workstation:</u>						
SGI Iris	X					
SPARC IPX	X					
Sun U450	X					
Sun Ultra2	X					
<b>Miscellaneous</b>						
CDRom – Reader	X					
Computer Interface	X					
Plotter, Ink Jet, Monochrome	X			X	X	
<b>Geology/Geophysics</b>						
Chronology Clock				X	X	
X-ray Instrument, Diffraction	X					
<b>Geomagnetism</b>						
Magnetometer, Portable					X	

	<u>McMurdo</u>	<u>Spole</u>	<u>Palmer</u>	<u>LMG</u> <sup>1</sup>	<u>NBP</u> <sup>2</sup>	<u>AGO</u> <sup>3</sup>
Time Standard				X	X	
<b>Oceanography/Limnology</b>						
Gradiometer, Magnetic					X	
The Vapor Recovery System		X				
Magnetometers	X				X	
Seismic Systems, Single and Multi-Channel					X	
<b>Seismology</b>						
Receiver, GPS				X	X	
<b>Other</b>						
Global Positioning System	X	X	X	X	X	
Transceivers, Satellite, ATS-3				X		
Video Camcorder						X

1 = R/V LAURENCE M. GOULD

2 = R/V NATHANIEL B. PALMER

3 = AUTOMATED GEOPHYSICAL OBSERVATORY

## VIII. Transportation and Comms

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*Section VIII of Modifications of Activities Planned for 1999-2000 details additions and deletions to the number and type transportation facilities, and changes to proposed projects that affect communications equipment used within the Antarctic Treaty area.*

### Surface, Marine, and Air Transportation Vehicles

#### McMurdo Station

##### **Delete**

Van	1
Truck, Pickup	1

##### **Add**

Trucks, Pickup	51
Vans	10
Tractor Crawler	1

#### Amundsen-Scott South Pole Station

##### **Add**

Telehandler	1
Excavator	1

## **Palmer Station**

### **Add**

Telescopic material handler	1
Vehicle, all terrain, 4-wheel	1

### **Delete**

Crane	1
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## **Description of Communications Facilities**

### **McMurdo Station**

VHF dispatch consoles and a design for VHF architecture modernization was not accomplished.

The implementation for HF Email was halted due to diminishing requirements.

### **South Pole Station**

An IRIDIUM telephone system, integrated into the station's telephone system was cancelled.

### **Palmer Station**

The HF radio replacement has been delayed until the coming winter season.



## **Description of Airfields**

### **McMurdo Station**

No significant changes are noted.

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

No significant changes are noted.

### **Palmer Station**

No significant changes are noted.

### **Marble Point Camp**

No significant changes are noted.

## **IX. Assistance Facilities**

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*Section IX of the Modifications of Activities Planned for 1999-2000  
details changes in the facilities available for rendering assistance in  
Antarctica including medical, transport services and emergency shelters.*

### **All Stations**

No significant changes in assistance facilities were noted at any Antarctic station operated by the United States Antarctic Program.

## X. Tourism

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*Section X presents planned itineraries for U.S. based non-governmental activities in the Treaty area.*

### Abercrombie & Kent International, Inc.

Explorer Shipping Corporation and Abercrombie & Kent International, Inc. of Oak Brook, Illinois, conducted a total of ten cruises to the Antarctic Peninsula during the 1999-2000 season using the M/S EXPLORER. Given below, for each cruise, is the port of origin, sites visited (with dates) and the return port.

#### M/S EXPLORER

##### **Cruise EX- 929**

November 1999

47 PAX; 16 STAFF; 61 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Port Stanley, FALKLAND ISLANDS		07 NOV 1999
Southeast Falklands		08 NOV 1999
At sea		09 NOV 1999
At sea		10 NOV 1999
South Georgia		11-13 NOV 1999
at sea		14 NOV 1999
South Orkneys		15-16 NOV 1999
Arctowski Station	8	17 NOV 1999
Portal Point, Charlotte Bay	49	18 NOV 1999
Cuverville Island	48	18 NOV 1999
Almirante Brown Station	20	18 NOV 1999

Port Lockroy, Wiencke Island	48	19 NOV 1999
at sea		20-21 NOV 1999
Ushuaia, ARGENTINA		22 NOV 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX- 930**

November/December 1999

85 PAX; 13 STAFF; 62 CREW

<u>Ports</u>	<u># PAX <sup>1</sup></u> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		22 NOV 1999
at sea		23-24 NOV 1999
Brown Bluff, Tabarin Peninsula	97	25 NOV 1999
Paulet Island	90	25 NOV 1999
Half Moon Island	96	26 NOV 1999
Whaler's Bay, Deception Island	97	26 NOV 1999
Pendulum Cove, Deception Island	62	26 NOV 1999
Cuerverville Island	92	27 NOV 1999
Port Lockroy, Wiencke Island	109	27 NOV 1999
Pleneau Island	57	28 NOV 1999
Almirante Brown Station	97	29 NOV 1999
Danco Island	90	29 NOV 1999
at sea		30 NOV - 01 DEC 1999
Ushuaia, ARGENTINA		02 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX- 931**

December 1999  
71 PAX; 14 STAFF; 62 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		02 DEC 1999
at sea		03-04 DEC 1999
Aitcho Islands	84	04 DEC 1999
Portal Point, Charlotte Bay	84	05 DEC 1999
Danco Island	83	05 DEC 1999
Paradise Bay	78*	05 DEC 1999
Petermann Island	73	06 DEC 1999
Pendulum Cove, Deception Island	68	07 DEC 1999
Telefon Bay, Deception Island	80	07 DEC 1999
Whalers Bay, Deception Island	83	07 DEC 1999
Devil Island	86	08 DEC 1999
Crystal Hill, Trinity Peninsula	94	08 DEC 1999
Penguin Island	78	09 DEC 1999
Arctowski Station	84	09 DEC 1999
Drake Passage (at sea)		10-11 DEC 1999
Ushuaia, ARGENTINA		12 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX- 932**

December 1999  
34 PAX; 12 STAFF; 62 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		12 DEC 1999
at sea		13-14 DEC 1999
Aitcho Island	45	14 DEC 1999
Cuerverville Island	41	15 DEC 1999
Neko Harbor, Andvord Bay	44	15 DEC 1999
Paradise Bay	38*	15 DEC 1999

Port Lockroy, Wiencke Island	36	15 DEC 1999
Petermann Island	39	16 DEC 1999
Palmer Station	64	16 DEC 1999
Baily Head, Deception Island	38	17 DEC 1999
Whalers Bay, Deception Island	40	17 DEC 1999
Pendulum Cove, Deception Island	34	17 DEC 1999
Devil Island	46	18 DEC 1999
Cape Lookout, Elephant Island	42	19 DEC 1999
Cape Valentine, Elephant Island	45*	19 DEC 1999
Point Wild, Elephant Island	40*	19 DEC 1999
at sea		20-21 DEC 1999
New Island, Falklands	44	21 DEC 1999
Carcass Island, Falklands	50	22 DEC 1999
Port Stanley, FALKLAND ISLANDS		23 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX- 933**

December 1999/January 2000  
86 PAX; 13 STAFF; 62 CREW

<u>Ports</u>	<u># PAX <sup>1</sup></u> <u>Landed</u>	<u>Dates</u>
Port Stanley, FALKLAND ISLANDS		23 DEC 1999
Carcass/New Island		24 DEC 1999
at sea		25-26 DEC 1999
Aitcho Island	97	27 DEC 1999
Hannah Point, Livingston Island	97	28 DEC 1999
Pendulum Cove, Deception Island	83	28 DEC 1999
Whalers Bay, Deception Island	96	28 DEC 1999
Damoy Point, Wiencke Island	93	29 DEC 1999
Port Lockroy, Goudier Island	100	29 DEC 1999
Almirante Brown Station	91	29 DEC 1999
Cuverville Island	97	30 DEC 1999
Enterprise Islands	88*	30 DEC 1999

Devil Island	97	31 DEC 1999
McFarlane Strait	93	01 JAN 2000
Drake Passage (at sea)		02-03 JAN 2000
Ushuaia, ARGENTINA		04 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX- 001**

January 2000

79 PAX; 12 STAFF; 62 CREW

<u>Ports</u>	<u># PAX <sup>1</sup> Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		04 JAN 2000
Drake Passage (at sea)		05-06 JAN 2000
Great Wall Station, King George Island	90	06 JAN 2000
Devil Island	90	07 JAN 2000
Crystal Hill, Trinity Peninsula	90	07 JAN 2000
Pendulum Cove, Deception Island	84	08 JAN 2000
Whalers Bay, Deception Island	90	08 JAN 2000
Half Moon Island	90	08 JAN 2000
Enterprise Islands	90*	09 JAN 2000
Danco Island	90	09 JAN 2000
Paradise Bay	82	09 JAN 2000
Damoy Point, Wiencke Island	90	10 JAN 2000
Goudier Island	92	10 JAN 2000
Petermann Island	91	10 JAN 2000
Useful Island	93	11 JAN 2000
at sea		12-13 JAN 2000
Ushuaia, ARGENTINA		14 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX- 002**

January/February 2000  
101 PAX; 12 STAFF; 63 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		14 JAN 2000
at sea		15-16 JAN 2000
Copacabana Station	6	16 JAN 2000
Devil Island	108	17 JAN 2000
View Point, Duse Bay, Trinity Peninsula	106	17 JAN 2000
Hannah Point, Livingston Island	108	18 JAN 2000
Whalers Bay, Deception Island	103	18 JAN 2000
Pendulum Cove, Deception Island	85	18 JAN 2000
Enterprise Islands	111*	19 JAN 2000
Damoy Point, Wiencke Island	111	19 JAN 2000
Goudier Island	111	19 JAN 2000
Jougla Point, Port Lockroy	1	19 JAN 2000
Petermann Island	108	20 JAN 2000
Palmer Station	121	20 JAN 2000
Torgersen Island	101	20 JAN 2000
Cuerverville Island	110	21 JAN 2000
Ronge Island	84	21 JAN 2000
Orne Island	1	21 JAN 2000
At sea		22-23 JAN 2000
Ushuaia, ARGENTINA		24 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX-003**

January/February 2000  
100 PAX; 12 STAFF; 62 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		24 JAN 2000
At sea		25-26 JAN 2000



Cuverville Island	113	27 JAN 2000
Lagarrigue Cove, Orne Harbor	113	27 JAN 2000
Petermann Island	110	27 JAN 2000
Hannah Point, Livingston Island	111	28 JAN 2000
Devil Island	113	29 JAN 2000
Point Wild, Elephant Island	105*	30 JAN 2000
South Orkneys		31 JAN 2000
at sea		01 FEB 2000
South Georgia		02-04 FEB 2000
At sea		05-06 FEB 2000
Southeast Falklands		07 FEB 2000
Port Stanley, FALKLAND ISLANDS		08 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX-004**

February 2000

84 PAX; 14 STAFF; 62 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Port Stanley, FALKLAND ISLANDS		08 FEB 2000
Carcass/New Island		09 FEB 2000
At sea		10-11 FEB 2000
Brown Bluff, Tabarin Peninsula	95	12 FEB 2000
Devil Island	94	12 FEB 2000
Rum Cove, James Ross Island	94	13 FEB 2000
Crystal Hill, Trinity Peninsula	90	13 FEB 2000
Hannah Point, Livingston Island	95	14 FEB 2000
Whalers Bay, Deception Island	95	14 FEB 2000
Pendulum Cove, Deception Island	88	14 FEB 2000
Cuverville Island	94	15 FEB 2000
Petermann Island	94	15 FEB 2000
Barcroft Islands	74*	16 FEB 2000
Damoy Point, Wiencke Island	92	17 FEB 2000

Goudier Island	96	17 FEB 2000
Palmer Station, Anvers Island	99	17 FEB 2000
Useful Island	100	18 FEB 2000
at sea		19-20 FEB 2000
Ushuaia, ARGENTINA		21 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise EX 005**

February /March 2000

75 PAX; 13 STAFF; 62 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		21 FEB 2000
at sea		22-23 FEB 2000
Baily Head, Deception Island	88	23 FEB 2000
Neko Harbor, Andvord Bay	87*	24 FEB 2000
Cuverville Island	87	24 FEB 2000
Spigot Peak, Orne Island	87	24 FEB 2000
Petermann Island	87	25 FEB 2000
Damoy Point, Wiencke Island	87	25 FEB 2000
Goudier Island	88	25 FEB 2000
Pendulum Cove, Deception Island	76	26 FEB 2000
Half Moon Island	87	26 FEB 2000
South Orkneys		27-28 FEB 2000
at sea		29 FEB 2000
South Georgia		01-03 MAR 2000
At sea		04-05 MAR 2000
Southeast Falklands		06 MAR 2000
Port Stanley, FALKLAND ISLANDS		07 MAR 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

## Society Expeditions

Society Expeditions of Seattle, Washington, conducted a total of seven cruises to the Antarctic Peninsula during the 1999-2000 season using the M/V WORLD DISCOVERER. Given below for each cruise is the port of origin, sites visited (with dates) and the return port.

### M/V WORLD DISCOVERER

#### **Cruise WD 92111**

November/December 1999  
126 PAX; 10 STAFF; 78 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Punta Arenas, CHILE		21 NOV 1999
at sea		22-24 NOV 1999
Aitcho Island	125	24 NOV 1999
Penguin Island	130	25 NOV 1999
Comandante Ferraz Station	139	25 NOV 1999
Hannah Point, Livingston Island	135	26 NOV 1999
Baily Head, Deception Island	103	26 NOV 1999
Pendulum Cove, Deception Island	55	26 NOV 1999
Whalers Bay, Deception Island	68	26 NOV 1999
Almirante Brown Station, Paradise Bay	134	27 NOV 1999
Cuverville Island	123	27 NOV 1999
Port Lockroy, Wiencke Island	132	28 NOV 1999
Pleneau Island	73	28 NOV 1999
Half Moon Island	115	29 NOV 1999
At sea		30 NOV – 01 DEC 1999
Ushuaia, ARGENTINA		02 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise WD90212**  
December 1999  
113 PAX; 9 STAFF; 77 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		02 DEC 1999
At sea		03-04 DEC 1999
Cuerverville Island	117	05 DEC 1999
Almirante Brown Station, Paradise Bay	120	05 DEC 1999
Port Lockroy, Wiencke Island	137	05 DEC 1999
Neko Harbor, Andvord Bay	113	06 DEC 1999
Baily Head, Deception Island	118	07 DEC 1999
Pendulum Cove, Deception Island	93	07 DEC 1999
Hannah Point, Livingston Island	123	07 DEC 1999
Paulet Island	129	08 DEC 1999
Devil Island	101	08 DEC 1999
Arctowski Station	117	09 DEC 1999
Penguin Island	123	09 DEC 1999
Point Wild, Elephant Island	106*	10 DEC 1999
Orcadas Base, Laurie Island	130	11 DEC 1999
At sea		12 DEC 1999
South Georgia		13-15 DEC 1999
At sea		16-17 DEC 1999
Sea Lion and Bleak Islands		18 DEC 1999
Port Stanley, FALKLAND ISLANDS		19 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise WD 91912**  
December 1999/January 2000  
96 PAX; 10 STAFF; 81 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Port Stanley, FALKLAND ISLANDS		19 DEC 1999
Bleaker Island	112	20 DEC 1999
Sea Lion Island	99	20 DEC 1999
At sea		21-22 DEC 1999
Elsehul Bay, South Georgia	109*	23 DEC 1999
Salisbury Plain, South Georgia	108	23 DEC 1999
Albatross Island, South Georgia	87	23 DEC 1999
Grytviken Station, South Georgia	113	24 DEC 1999
Godthul Bay, South Georgia	96	24 DEC 1999
Gold Harbor, South Georgia	96	25 DEC 1999
Cooper Bay, South Georgia	106	25 DEC 1999
At sea		26 DEC 1999
Orcadas Station, Laurie Island, S. Orkneys	105	27 DEC 1999
Point Wild, Elephant Island	103*	28 DEC 1999
Paulet Island	100	29 DEC 1999
Pendulum Cove, Deception Island	64	30 DEC 1999
Baily Head, Deception Island	85	30 DEC 1999
Enterprise Island	102*	30 DEC 1999
Palmer Station, Anvers Island	118	31 DEC 1999
Torgersen Island	105	31 DEC 1999
Petermann Island	89	31 DEC 1999
Port Lockroy, Wiencke Island	109	01 JAN 2000
Neko Harbor, Andvord Bay	109	01 JAN 2000
Yankee Harbor, Greenwich Island	104	02 JAN 2000
Aitcho Island	102	02 JAN 2000
At sea		03-04 JAN 2000
Ushuaia, ARGENTINA		05 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise WD 00501**

January 2000  
129 PAX; 11 STAFF; 79 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		05 JAN 2000
at sea		06-07 JAN 2000
Aitcho Island	132	07 JAN 2000
Hannah Point, Livingston Island	131	08 JAN 2000
Baily Head, Deception Island	115	08 JAN 2000
Whalers Bay, Deception Island	131	08 JAN 2000
Pendulum Cove, Deception Island	78	08 JAN 2000
Cuerverville Island	130	09 JAN 2000
Almirante Brown Station, Paradise Bay	141	09 JAN 2000
Port Lockroy, Wiencke Island	113	09 JAN 2000
Palmer Station, Anvers Island	144	10 JAN 2000
Petermann Island	112	11 JAN 2000
Neko Harbor, Andvord Bay	138	12 JAN 2000
Melchoir Islands	136*	12 JAN 2000
At sea		13-14 JAN 2000
Ushuaia, ARGENTINA		15 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise WD 01501**

January/February 2000  
123 PAX; 12 STAFF; 79 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		15 JAN 2000
at sea		16 JAN 2000
West Point/Carcass Islands		17 JAN 2000
Port Stanley, Falkland Islands		18 JAN 2000
At sea		19-20 JAN 2000

South Georgia		21-23 JAN 2000
At sea		24 JAN 2000
Orcadas Base, Laurie Island	129	25 JAN 2000
at sea		26 JAN 2000
Paulet Island	129	27 JAN 2000
Brown Bluff, Tabarin Peninsula	128	27 JAN 2000
Hannah Point, Livingston Island	123	28 JAN 2000
Whalers Bay, Deception Island	97	28 JAN 2000
Pendulum Cove, Deception Island	36	28 JAN 2000
Cuverville Island	126	29 JAN 2000
Almirante Brown Station, Paradise Bay	147	29 JAN 2000
Port Lockroy, Wiencke Island	118	29 JAN 2000
Vernadskiy Station, Argentine Island	125	30 JAN 2000
At sea		31 JAN – 01 FEB 2000
Ushuaia, ARGENTINA		02 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise WD 00202**

February 2000

124 PAX; 12 STAFF; 78 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Ushuaia, ARGENTINA		02 FEB 2000
At sea		03 FEB 2000
West Point and Carcass Islands		04 FEB 2000
Port Stanley		05 FEB 2000
At sea		06-07 FEB 2000
South Georgia		08-10 FEB 2000
At sea		11 FEB 2000
Orcadas Base, Laurie Island, S. Orkneys	140	12 FEB 2000
Point Wild, Elephant Island	136*	13 FEB 2000
Snow Hill Island	129	14 FEB 2000
Hannah Point, Livingston Island	137	15 FEB 2000

Baily Head, Deception Island	136	15 FEB 2000
Pendulum Cove, Deception Island	91	15 FEB 2000
Palmer Station, Anvers Island	123	16 FEB 2000
Petermann Island	110	16 FEB 2000
Almirante Brown Station, Paradise Bay	126	17 FEB 2000
Neko Harbor, Andvord Bay	115	17 FEB 2000
At sea		18-19 FEB 2000
Ushuaia, ARGENTINA		20 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise WD-02002**

February/March 2000

117 PAX; 12 STAFF; 79 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		20 FEB 2000
At sea		21 FEB 2000
West Point and Carcass Islands		22 FEB 2000
Port Stanley, Falkland Islands		23 FEB 2000
At sea		24-25 FEB 2000
South Georgia		26-27 FEB 2000
At sea		28 FEB 2000
Orcadas Base, Laurie Island, S. Orkneys	128	29 FEB 2000
Cape Lookout, Elephant Island	111*	01 MAR 2000
Whalers Bay, Deception Island	100	02 MAR 2000
Pendulum Cove, Deception Island	93	02 MAR 2000
Almirante Brown Station, Paradise Bay	129	03 MAR 2000
Port Lockroy, Wiencke Island	128	03 MAR 2000
Detaille Island	126*	04 MAR 2000
Prospect Point, Graham Land	104*	04 MAR 2000



Vernadskiy Station, Argentine Island	129	05 MAR 2000
At sea		06-08 MAR 2000
Punta Arenas, CHILE		09 MAR 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

## Quark Expeditions

Quark Expeditions of Darien, Connecticut, conducted a total of 19 cruises to the Antarctic during 1999-2000 season using three chartered vessels. The PROFESSOR MULTANOVSKIY conducted 9 cruises, the VAVILOV conducted 8, and the KAPITAN KHLEBNIKOV conducted two. Given below for each cruise is the port of origin, sites visited (with dates) and the return port.

### PROFESSOR MULTANOVSKIY

**Cruise MLT 061299**  
November 1999  
39 PAX; 7 STAFF; 24 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		18 NOV 1999
At sea		19 NOV 1999
Falkland Islands		20-21 NOV 1999
At sea		22-23 NOV 1999
South Georgia		24-27 NOV 1999
At sea		28-29 NOV 1999
Paulet Island	46	30 NOV 1999
Brown Bluff, Tabarin Peninsula	44	30 NOV 1999
Half Moon Island	46	01 DEC 1999
Whalers Bay, Deception Island	45	01 DEC 1999

Pendulum Cove, Deception Island	43	01 DEC 1999
Cuerverville Island	45	02 DEC 1999
Almirante Brown Station, Paradise Bay	43	02 DEC 1999
Port Lockroy, Wiencke Island	43	02 DEC 1999
At sea		03-05 DEC 1999
Ushuaia, ARGENTINA		06 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 061299**  
December 1999  
42 PAX; 6 STAFF; 25 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		06 DEC 1999
at sea		07-08 DEC 1999
Brown Bluff, Tabarin Peninsula	48	09 DEC 1999
Paulet Island	48	09 DEC 1999
Half Moon Island	42	10 DEC 1999
Whalers Bay, Deception Island	45	10 DEC 1999
Pendulum Cove, Deception Island	42	10 DEC 1999
Cuerverville Island	44	11 DEC 1999
Danco Island	27	11 DEC 1999
Waterboat Point	47	11 DEC 1999
Skontorp Cove, Paradise Bay	44	12 DEC 1999
Goudier Island	43	12 DEC 1999
Patagonia Bay, Anvers Island	41*	13 DEC 1999
At sea		14-15 DEC 1999
Ushuaia, ARGENTINA		16 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 161299**  
December 1999  
32 PAX; 6 STAFF; 25 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		16 DEC 1999
At sea		17-18 DEC 1999
Aitcho Island	37	18 DEC 1999
Penguin Island	40	19 DEC 1999
Arctowski Station	40	19 DEC 1999
Bellingshausen Station, King George Island	3	19 DEC 1999
Brown Bluff, Tabarin Peninsula	36	20 DEC 1999
Paulet Island	44	20 DEC 1999
Half Moon Island	35	21 DEC 1999
Whalers Bay, Deception Island	37	21 DEC 1999
Pendulum Cove, Deception Island	31	21 DEC 1999
Skontorp Cove, Paradise Bay	37*	22 DEC 1999
Goudier Island	36	22 DEC 1999
Jougla Point, Port Lockroy	16	22 DEC 1999
Vernadskiy Station, Argentine Island	34	23 DEC 1999
Drake Passage (at sea)		24-25 DEC 1999
Ushuaia, ARGENTINA		26 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 261299**  
December 1999/January 2000  
44 PAX; 6 STAFF; 25 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
<b>Port</b>		<b>Dates</b>
Ushuaia, ARGENTINA		26 DEC 1999
Drake Passage (at sea)		27-28 DEC 1999
Comandante Ferraz Station	49	29 DEC 1999

Esperanza Station	50	29 DEC 1999
Paulet Island	48	29 DEC 1999
Half Moon Island	48	30 DEC 1999
Whalers Bay, Deception Island	49	30 DEC 1999
Pendulum Cove, Deception Island	44	30 DEC 1999
Cuverville Island	49	31 DEC 1999
Gonzalez Videla Station	48	31 DEC 1999
Neko Harbor, Andvord Bay	26	31 DEC 1999
Neko Harbor, Andvord Bay	32	01 JAN 2000
Skontorp Cove, Paradise Bay	45*	01 JAN 2000
Goudier Island	50	01 JAN 2000
Pleneau Island	48	02 JAN 2000
Petermann Island	40	03 JAN 2000
Damoy Point, Wiencke Island	49	04 JAN 2000
Drake Passage (at sea)		05-06 JAN 2000
Ushuaia, ARGENTINA		07 JAN 2000
Drake Passage (at sea)		05-06 JAN 2000
Ushuaia, ARGENTINA		07 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 070100**

January 2000

48 PAX; 5 CREW; 25 STAFF

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Ushuaia, ARGENTINA		07 JAN 2000
At sea		08 JAN 2000
Saunders & New Islands		09 JAN 2000
At sea		10-11 JAN 2000
Hannah Point, Livingston Island	53	12 JAN 2000
Wilhelmina Bay	52*	13 JAN 2000
Cuverville Island	53	13 JAN 2000
Gonzalez Videla Station	53	13 JAN 2000

Palmer Station, Anvers Island	53	14 JAN 2000
Torgersen Island	53	14 JAN 2000
Goudier Island	48	14 JAN 2000
Jougla Point, Port Lockroy	48	14 JAN 2000
Neko Harbor, Andvord Bay	53	15 JAN 2000
Melchoir Island	51*	15 JAN 2000
At sea		16-17 JAN 2000
Ushuaia, ARGENTINA		18 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 180100**  
January/February 2000  
48 PAX; 7 STAFF; 25 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Ushuaia, ARGENTINA		18 JAN 2000
at sea		19 JAN 2000
New Island/Carcass Island		20 JAN 2000
Port Stanley, Falkland Islands		21 JAN 2000
South Georgia		24-27 JAN 2000
at sea		28-29 JAN 2000
Cape Lookout, Elephant Island	55	30 JAN 2000
Hannah Point, Livingston Island	55	31 JAN 2000
Pendulum Cove, Deception Island	55	31 JAN 2000
Cuverville Island	55	01 FEB 2000
Neko Harbor, Andvord Bay	55	01 FEB 2000
Paradise Bay	55*	01 FEB 2000
Goudier Island	52	01 FEB 2000
Petermann Island	55	02 FEB 2000

Vernadskiy Station, Argentine Island	53	02 FEB 2000
At sea		03-04 FEB 2000
Ushuaia, ARGENTINA		05 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 050200**  
February 2000  
49 PAX; 6 STAFF; 25 CREW

<u>Ports</u>	<u># PAX <sup>1</sup> Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		05 FEB 2000
Drake Passage (at sea)		06-07 FEB 2000
Aitcho Island	59	07 FEB 2000
Yankee Harbor, Greenwich Island	57	08 FEB 2000
Half Moon Island	56	08 FEB 2000
Hannah Point, Livingston Island	56	09 FEB 2000
Whalers Bay, Deception Island	45	09 FEB 2000
Pendulum Cove, Deception Island	49	09 FEB 2000
Cuverville Island	55	10 FEB 2000
Neko Harbor, Andvord Bay	55	10 FEB 2000
Pleneau Island	44*	11 FEB 2000
Petermann Island	55	11 FEB 2000
Port Lockroy, Wiencke Island	51	12 FEB 2000
Jougla Point, Port Lockroy	51	12 FEB 2000
Dallman Bay	56*	12 FEB 2000
Drake Passage (at sea)		13-14 FEB 2000
Ushuaia, ARGENTINA		15 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 150200**  
February 2000  
44 PAX; 6 STAFF; 29 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		15 FEB 2000
Drake Passage (at sea)		16-17 FEB 2000
Aitcho Island	49	17 FEB 2000
Hannah Point, Livingston Island	51	18 FEB 2000
Whalers Bay, Deception Island	38	18 FEB 2000
Pendulum Cove, Deception Island	37	18 FEB 2000
Cuerverville Island	42	19 FEB 2000
Neko Harbor, Andvord Bay	49	19 FEB 2000
Paradise Bay	37*	19 FEB 2000
Pleneau Island	44*	20 FEB 2000
Cape Renard, Flanders Bay	28	20 FEB 2000
Paradise Bay	31*	20 FEB 2000
Almirante Brown Station, Paradise Bay	50	21 FEB 2000
Port Lockroy, Wiencke Island	52	21 FEB 2000
Jougla Point, Port Lockroy	46	21 FEB 2000
Damoy Point, Wiencke Island	49	21 FEB 2000
Danco Island	49	22 FEB 2000
Dallman Bay	46*	22 FEB 2000
Drake Passage (at sea)		23-24 FEB 2000
Ushuaia, ARGENTINA		25 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MLT 250200**  
February 2000  
42 PAX; 7 STAFF; 25 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		25 FEB 2000
at sea		26-27 FEB 2000
Vernadskiy Station, Argentine Island	51	28 FEB 2000
Petermann Island	49	28 FEB 2000
Pleneau Island	40*	28 FEB 2000
Goudier Island	46	29 FEB 2000
Jougla Point, Port Lockroy	33	29 FEB 2000
Skontorp Cove, Paradise Bay	46	29 FEB 2000
Errera Channel	31*	29 FEB 2000
Whalers Bay, Deception Island	48	01 MAR 2000
Half Moon Island	47	01 MAR 2000
At sea		02 MAR 2000
Cape Lookout, Elephant Island	47*	03 MAR 2000
at sea		04-05 MAR 2000
South Georgia		06-09 MAR 2000
At sea		10-11 MAR 2000
Port Stanley, FALKLAND ISLANDS		12 MAR 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only



**M/V KAPITAN KHLEBNIKOV**

**Cruise KLB #151299**  
December 1999/January 2000  
90 PAX; 14 STAFF; 65 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Lyttleton, NEW ZEALAND		15 DEC 1999
at sea		16 DEC 1999
Enderby Island	112	17 DEC 1999
Campbell Island	102	18 DEC 1999
At sea		19-21 DEC 1999
Cape Adare	95#	22 DEC 1999
Coulman Island	97#	23 DEC 1999
Cape Washington	95*	24 DEC 1999
Terra Nova Bay	98#	24 DEC 1999
Taylor Valley	97#	25 DEC 1999
Cape Royds, Ross Island	98#	26 DEC 1999
Cape Evans, Ross Island	98#	26 DEC 1999
Ross Ice Shelf	60#	27 DEC 1999
Franklin Island	77	27 DEC 1999
Cape Hallett	91	28 DEC 1999
Cape Hallett	97#	29 DEC 1999
At sea		30-31 DEC 1999
Sturge Island	80*	01 JAN 2000
At sea		02-04 JAN 2000
Buckles Bay, Macquarie Island	100	05 JAN 2000
Sandy Bay, Macquarie Island	91	05 JAN 2000
At sea		06-08 JAN 2000
Hobart, AUSTRALIA		09 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed; \* = zodiac  
cruising only; # = helo landing; ✱ = helo flight-seeing;  
♦ = scuba diving; % = snorkeling

**Cruise KLB 090100**  
January/February 2000  
108 PAX; 13 STAFF; 65 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Hobart, AUSTRALIA		09 JAN 2000
at sea		10-11 JAN 2000
Buckles Bay, Macquarie Islands	105	12 JAN 2000
Sandy Bay, Macquarie Islands	109	12 JAN 2000
Lusitania Bay	47*	12 JAN 2000
At sea		13-15 JAN 2000
Cape Adare	101	16 JAN 2000
Campbell Glacier	114♣	17 JAN 2000
Terra Nova Bay	112#	18 JAN 2000
Taylor Valley	115#	19 JAN 2000
McMurdo Station, Ross Island	119#	20 JAN 2000
Scott Base, Ross Island	117#	20 JAN 2000
Cape Evans, Ross Island	93	20 JAN 2000
Cape Royds, Ross Island	96#	20 JAN 2000
Drygalski Ice Tongue	113#	21 JAN 2000
Cape Hallett	107	22 JAN 2000
At sea		23-27 JAN 2000
Campbell Island	115	28 JAN 2000
Enderby Island	114	29 JAN 2000
At sea		30-31 JAN 2000
Hobart, AUSTRALIA		01 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed; \* = zodiac  
cruising only; # = helo landing; ♣ = helo flight-seeing;  
♦ = scuba diving; % = snorkeling

## PROFESSOR SERGEY VAVILOV

### **Cruise VAV #091299**

December 1999

63 PAX; 11 STAFF; 47 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		09 DEC 1999
At sea		10-11 DEC 1999
Aitcho Island	79	12 DEC 1999
Hannah Point, Livingston Island	76	12 DEC 1999
Whalers Bay, Deception Island	68	12 DEC 1999
Cuerverville Island	74	13 DEC 1999
Neko Harbor, Andvord Bay	80	13 DEC 1999
Paradise Bay	77*	14 DEC 1999
Port Lockroy, Wiencke Island	76	14 DEC 1999
Pleneau Island	76*	15 DEC 1999
At sea		16-17 DEC 1999
Ushuaia, ARGENTINA		18 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

### **Cruise VAV #181299**

December 1999

65 PAX; 11 STAFF; 49 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		18 DEC 1999
At sea		19-20 DEC 1999
Arctowski Station	75	20 DEC 1999
Paulet Island	81	21 DEC 1999
Brown Bluff, Tabarin Peninsula	85	21 DEC 1999
Baily Head, Deception Island	81	22 DEC 1999
Whalers Bay, Deception Island	57	22 DEC 1999

Cuverville Island	69	23 DEC 1999
Neko Harbor, Andvord Bay	81	23 DEC 1999
Paradise Bay	79*	24 DEC 1999
Goudier Island	80	24 DEC 1999
Jougla Point, Port Lockroy	67	24 DEC 1999
Cape Renard, Flanders Bay	67*	25 DEC 1999
At sea		26-27 DEC 1999
Ushuaia, ARGENTINA		28 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise VAV #281299**

December 1999/January 2000

64 PAX; 11 STAFF; 47 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		28 DEC 1999
At sea		29-30 DEC 1999
Melchoir Islands	70*	30 DEC 1999
Danco Island	76	31 DEC 1999
Neko Harbor, Andvord Bay	77	31 DEC 1999
Neko Harbor, Andvord Bay	49	01 JAN 2000
Cuverville Island	78	01 JAN 2000
Jougla Point, Port Lockroy	71	01 JAN 2000
Goudier Island, Port Lockroy	80	01 JAN 2000
Petermann Island	75	02 JAN 2000
Pleneau Island	2	02 JAN 2000
At sea		03 JAN 2000
Biscoe Point, Anvers Island	64	04 JAN 2000
Cape Renard, Flanders Bay	70*	04 JAN 2000
Paradise Bay	70*	04 JAN 2000
Whalers Bay, Deception Island	80	05 JAN 2000
Hannah Point, Livingston Island	79	05 JAN 2000
Half Moon Island	73	06 JAN 2000

Yankee Harbor, Greenwich Island	73	06 JAN 2000
Aitcho Island	73	06 JAN 2000
At sea		07-08 JAN 2000
Ushuaia, ARGENTINA		09 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise VAV #090100**

January 2000

75 PAX; 12 STAFF; 47 CREW

<u>Ports</u>	<u># PAX <sup>1</sup> Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		09 JAN 2000
At sea		10-11 JAN 2000
Petermann Island	84	12 JAN 2000
Pleneau Island	87*	12 JAN 2000
Jougl Point, Port Lockroy	60	12 JAN 2000
Goudier Island, Port Lockroy	86	12 JAN 2000
Neko Harbor, Andvord Bay	90	13 JAN 2000
Paradise Bay	80*	13 JAN 2000
Whalers Bay, Deception Island	85	14 JAN 2000
Pendulum Cove, Deception Island	49	14 JAN 2000
Hannah Point, Livingston Island	10	14 JAN 2000
Half Moon Island	88	14 JAN 2000
Brown Bluff, Tabarin Peninsula	86	15 JAN 2000
Paulet Island	93	15 JAN 2000
Single Cove, Coronation Island	91	16 JAN 2000
At sea		17 JAN 2000
South Georgia		18-21 JAN 2000
At sea		22-23 JAN 2000
Port Stanley, Falkland Islands		24 JAN 2000

Carcass & Westpoint Islands	25 JAN 2000
At sea	26 JAN 2000
Ushuaia, ARGENTINA	27 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise VAV #270100**

January/February 2000

76 PAX; 13 STAFF; 46 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		27 JAN 2000
At sea		28-31 JAN 2000
Melchoir Islands	90*	01 FEB 2000
Pleneau Island	91*	02 FEB 2000
Petermann Island	89	02 FEB 2000
Danco Island	82	03 FEB 2000
Paradise Bay	73*	03 FEB 2000
Almirante Brown Station	91	03 FEB 2000
Hannah Point, Livingston Island	90	04 FEB 2000
Half Moon Island	88	04 FEB 2000
Bellingshausen Station, King George Island	11	04 FEB 2000
Port Stanley, Falkland Islands		04 FEB 2000
Steeple Jason		05 FEB 2000
At sea		06 FEB 2000
Ushuaia, ARGENTINA		07 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise VAV #070200**  
February 2000  
75 PAX; 10 STAFF; 47 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		07 FEB 2000
At sea		08-09 FEB 2000
Aitcho Island	87	09 FEB 2000
Robert Point, Robert Island, S. Shetlands	78	09 FEB 2000
Baily Head, Deception Island	83	10 FEB 2000
Hannah Point, Livingston Island	90	10 FEB 2000
Whalers Bay, Deception Island	85	10 FEB 2000
Pendulum Cove, Deception Island	48	10 FEB 2000
Cuverville Island	87	11 FEB 2000
Jouglá Point, Port Lockroy	61	11 FEB 2000
Goudier Island, Port Lockroy	85	11 FEB 2000
Pleneau Island	84*	12 FEB 2000
Vernadskiy Station	73	12 FEB 2000
Almirante Brown Station	87	13 FEB 2000
Suarez Glacier	89*	13 FEB 2000
Neko Harbor, Andvord Bay	53	13 FEB 2000
Andvord Bay,	65*	13 FEB 2000
Half Moon Island	83	14 FEB 2000
Yankee Harbor, Greenwich Island	85	14 FEB 2000
Bellingshausen Station, King George Island	10	14 FEB 2000
At sea		15-16 FEB 2000
Ushuaia, ARGENTINA		17 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise VAV #170200**  
February 2000  
73 PAX; 13 STAFF; 46 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		17 FEB 2000
At sea		18-19 FEB 2000
Melchoir Islands	74*	19 FEB 2000
Cuverville Island	86	20 FEB 2000
Neko Harbor, Andvord Bay	88	20 FEB 2000
Petermann Island	77	21 FEB 2000
Pleneau Island	85*	21 FEB 2000
Goudier Island, Port Lockroy	87	22 FEB 2000
Jougla Point, Port Lockroy	83	22 FEB 2000
Almirante Brown Station	85	22 FEB 2000
Suarez Glacier	76*	22 FEB 2000
Baily Head, Deception Island	77	23 FEB 2000
Whalers Bay, Deception Island	85	23 FEB 2000
Pendulum Cove, Deception Island	64	23 FEB 2000
Hannah Point, Livingston Island	88	24 FEB 2000
Half Moon Island	85	24 FEB 2000
Aitcho Island	79	24 FEB 2000
At sea		25-26 FEB 2000
Ushuaia, ARGENTINA		27 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise VAV #270200**  
February/March 2000  
74 PAX; 13 STAFF; 46 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		27 FEB 2000
At sea		28-29 FEB 2000



West Point, Falkland Islands	89	29 FEB 2000
Carcass Island, Falkland Islands	92	29 FEB 2000
Port Stanley, Falkland Islands	120	01 MAR 2000
At sea		02-03 MAR 2000
Elsehul Bay, South Georgia	90*	04 MAR 2000
Salisbury Plain, South Georgia	98	04 MAR 2000
Albatross Island, South Georgia	85	04 MAR 2000
Hercules Bay, South Georgia	73	05 MAR 2000
Fortuna Bay, South Georgia	93	05 MAR 2000
Grytviken, South Georgia	93	05 MAR 2000
St. Andrews Bay, South Georgia	100	06 MAR 2000
Royal Bay, South Georgia	87	06 MAR 2000
Cooper Bay, South Georgia	92	07 MAR 2000
Larsen Harbor, South Georgia	85*	07 MAR 2000
At sea		08 MAR 2000
Shingle Cove, Coronation Island	81	09 MAR 2000
At sea		10 MAR 2000
Hannah Point, Livingston Island	90	11 MAR 2000
Whalers Bay, Deception Island	88	11 MAR 2000
Pendulum Cove, Deception Island	71	11 MAR 2000
Cuerverville Island	87	12 MAR 2000
Almirante Brown Station	88	12 MAR 2000
Suarez Glacier	83*	12 MAR 2000
Pleneau Island	82*	13 MAR 2000
Melchoir Islands	93*	13 MAR 2000
At sea		14-15 MAR 2000
Ushuaia, ARGENTINA		16 MAR 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

## Orient Lines, Inc.

Orient Lines, Inc. of Fort Lauderdale, Florida, conducted 5 cruises to the Antarctic during the 1999-2000 season using the M/V MARCO POLO. Given below for each cruise is the port of origin, sites visited (with dates) and the return port.

### MARCO POLO

#### **Cruise MPO-991223**

December 1999/January 2000  
581 PAX; 16 STAFF; 359 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Buenos Aires, ARGENTINA		24 DEC 1999
At sea		25-29 DEC 1999
Pendulum Cove, Deception Island	583	30 DEC 1999
Port Lockroy, Wiencke Island	579	31 DEC 1999
Gonzales Videla Station	546	01 JAN 2000
Ardley Island	451*	02 JAN 2000
At sea		03 JAN 2000
Ushuaia, ARGENTINA		04 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

#### **Cruise MPO-010500**

January 2000  
454 PAX; 16 STAFF; 358 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		05 JAN 2000
at sea		06 JAN 2000
Pendulum Cove, Deception Island	310	07 JAN 2000
Port Lockroy, Wiencke Island	497	08 JAN 2000

Port Lockroy, Wiencke Island	70	09 JAN 2000
Gonzales Videla Station	489	09 JAN 2000
Half Moon Island	445	10 JAN 2000
at sea		11-12 JAN 2000
Ushuaia, ARGENTINA		13 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MPO-011300**

January 2000

496 PAX; 16 STAFF; 354 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		13 JAN 2000
at sea		14 JAN 2000
Pendulum Cove, Deception Island	495	15 JAN 2000
Port Lockroy, Wiencke Island	498	16 JAN 2000
Gonzales Videla Station	547	17 JAN 2000
Half Moon Island	510	18 JAN 2000
at sea		19 JAN 2000
Ushuaia, ARGENTINA		20 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MPO-012100**

January 2000

568 PAX; 16 STAFF; 352 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		21 JAN 2000
at sea		22 JAN 2000
Half Moon Island	548	23 JAN 2000

Port Lockroy, Wiencke Island	296	24 JAN 2000
Port Lockroy, Wiencke Island	118	25 JAN 2000
Gonzales Videla Station	119	25 JAN 2000
Neko Harbor, Andvord Bay	333	25 JAN 2000
Pendulum Cove, Deception Island	471	26 JAN 2000
At sea		27 JAN 2000
Ushuaia, ARGENTINA		28 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise MPO-012900**

January/February 2000

484 PAX; 16 STAFF; 352 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		29 JAN 2000
at sea		30 JAN 2000
Half Moon Island	533	31 JAN 2000
Port Lockroy, Wiencke Island	478	01 FEB 2000
Gonzales Videla Station	487	01 FEB 2000
Hovgaard Island	384*	02 FEB 2000
At sea		03-10 FEB 2000
McMurdo Station, Ross Island	489	11 FEB 2000
Cape Evans, Ross Island	558	12 FEB 2000
Cape Bird, Ross Island	420*	13 FEB 2000
Terra Nova Bay Station	478	14 FEB 2000
Cruise Cape Hallett/Cape Adare		15-16 FEB 2000
At sea		17-19 FEB 2000
Lyttleton, NEW ZEALAND		20 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

## Clipper Cruise Lines

Clipper Cruise Lines, of St. Louis, Missouri, conducted seven cruises to the Antarctic during the 1999-2000 season using the M/V CLIPPER ADVENTURER. Given below for each cruise is the port of origin, sites visited (with dates) and the return port.

### CLIPPER ADVENTURER

#### **Cruise CA 93047**

November 1999

91 PAX; 13 STAFF; 69 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Port Stanley, FALKLAND ISLANDS		12 NOV 1999
Carcass Island, Falkland Islands	96	13 NOV 1999
West Point Island, Falkland Islands	96	13 NOV 1999
North Harbor, New Island, Falkland Islands	92	14 NOV 1999
At sea		15-16 NOV 1999
Salisbury Plain, South Georgia	104	17 NOV 1999
Prion Island, South Georgia	90	17 NOV 1999
Hercules Bay, South Georgia	91	18 NOV 1999
Grytviken, South Georgia	116	18 NOV 1999
St. Andrews Bay, South Georgia	95	19 NOV 1999
Cooper Bay, South Georgia	90	19 NOV 1999
At sea		20-22 NOV 1999
Whalers Bay, Deception Island	96	23 NOV 1999
Pendulum Cove, Deception Island	43	23 NOV 1999
Petermann Island	81	24 NOV 1999
Port Lockroy, Wiencke Island	162	24 NOV 1999
Cuverville Island	91	25 NOV 1999
Paulet Island	92	26 NOV 1999

Esperanza, Hope Bay	103	26 NOV 1999
at sea		27-28 NOV 1999
Ushuaia, ARGENTINA		29 NOV 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CA 93048**

November/December 1999

75 PAX; 11 STAFF; 69 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		29 NOV 1999
at sea		30 NOV – 01 DEC 1999
Whalers Bay, Deception Island	84	02 DEC 1999
Pendulum Cove, Deception Island	68	02 DEC 1999
Hannah Point, Livingston Island	84	02 DEC 1999
Port Lockroy, Wiencke Island	122	03 DEC 1999
Cuerverville Island	79	04 DEC 1999
Paulet Island	81	05 DEC 1999
Devil Island	81	05 DEC 1999
Crystal Hill, Trinity Peninsula	77	05 DEC 1999
Brown Bluff, Tabarin Peninsula	81	06 DEC 1999
Esperanza Station, Hope Bay	83	06 DEC 1999
at sea		07-08 DEC 1999
Ushuaia, ARGENTINA		09 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CA 93049**

December 1999  
100 PAX; 12 STAFF; 71 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		09 DEC 1999
at sea		10-11 DEC 1999
Penguin Island	101	11 DEC 1999
Arctowski Station, King George Island	98	12 DEC 1999
Aitcho Island	103	12 DEC 1999
Neko Harbor, Andvord Bay	105	13 DEC 1999
Goudier Island/Jougla Point, Port Lockroy	128	13 DEC 1999
At sea		14 DEC 1999
Paulet Island	102	15 DEC 1999
At sea		16-18 DEC 1999
West Point Island, Falkland Islands	104	19 DEC 1999
Carcass Island, Falkland Islands	106	19 DEC 1999
Port Stanley, FALKLAND ISLANDS		20 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CA 99004**

December 1999/January 2000  
88 PAX; 14 STAFF; 75 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Port Stanley, FALKLAND ISLANDS		20 DEC 1999
Falklands		21 DEC 1999
at sea		22-27 DEC 1999
Cape Dundas, Laurie Island, South Orkneys	104	28 DEC 1999
Cape Lookout, Elephant Island	103	29 DEC 1999
Baily Head, Deception Island	99	30 DEC 1999
Pendulum Cove, Deception Island	81	30 DEC 1999
Hannah Point, Livingston Island	104	30 DEC 1999

Devil Island	106	31 DEC 1999
Paulet Island	104	01 JAN 2000
Leith Cove, South Georgia	102	02 JAN 2000
at sea		04-05 JAN 2000
Ushuaia, ARGENTINA		06 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CA 03002**

January 2000

103 PAX; 14 STAFF; 68 CREW

<u>Ports</u>	<u># PAX <sup>1</sup> Landed</u>	<u>Dates</u>
Port Stanley, FALKLAND ISLANDS		17 JAN 2000
Carcass Island, Falkland Islands	108	18 JAN 2000
West Point Island, Falkland Islands	105	18 JAN 2000
at sea		19 JAN 2000
Cape Lookout, Elephant Island	103	20 JAN 2000
Paulet Island	107	21 JAN 2000
Hope Bay	108	21 JAN 2000
Cuverville Island	104	22 JAN 2000
Neko Harbor, Andvord Bay	105	22 JAN 2000
Jougla Point, Port Lockroy	108	23 JAN 2000
Goudier Island, Port Lockroy	108	23 JAN 2000
Petermann Island	104	23 JAN 2000
Almirante Brown Station	102	24 JAN 2000
Suarez Glacier	102	24 JAN 2000
Melchoir Island	95*	24 JAN 2000
Hannah Point, Livingston Island	74	25 JAN 2000
Whalers Bay, Deception Island	100	25 JAN 2000



Pendulum Cove, Deception Island	77	25 JAN 2000
At sea		26-27 JAN 2000
Port Stanley, FALKLAND ISLANDS		28 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CA 03003**

January/February 2000

101 PAX; 14 STAFF; 68 CREW

<u>Ports</u>	<u># PAX <sup>1</sup> Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		28 JAN 2000
at sea		29-31 JAN 2000
Petermann Island	110	01 FEB 2000
Palmer Station, Anvers Island	112	02 FEB 2000
Torgersen Island	112	02 FEB 2000
Neko Harbor, Andvord Bay	106	02 FEB 2000
Almirante Brown Station	100	03 FEB 2000
Whalers Bay, Deception Island	107	04 FEB 2000
Pendulum Cove, Deception Island	81	04 FEB 2000
Aitcho Island	113	04 FEB 2000
Arctowski Station, King George Island	118	05 FEB 2000
Penguin Island	105	05 FEB 2000
at sea		06-07 FEB 2000
Ushuaia, ARGENTINA		08 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CA 03004**  
February 2000  
88 PAX; 15 STAFF; 68 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		08 FEB 2000
at sea		09-10 FEB 2000
Fish Island	96*	11 FEB 2000
Petermann Island	94	12 FEB 2000
Dorian Bay, Wiencke Island	105	12 FEB 2000
Jougla Point, Port Lockroy	96	13 FEB 2000
Goudier Island, Port Lockroy	96	13 FEB 2000
Almirante Brown Station	101	13 FEB 2000
Neko Harbor, Andvord Bay	101	13 FEB 2000
Melchoir Island	95*	14 FEB 2000
Cuerverville Island	94	14 FEB 2000
Whalers Bay, Deception Island	96	15 FEB 2000
Pendulum Cove, Deception Island	82	15 FEB 2000
Aitcho Island	98	15 FEB 2000
Arctowski Station, King George Island	104	16 FEB 2000
at sea		17-18 FEB 2000
Ushuaia, ARGENTINA		19 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CA 03005**  
January/February 2000  
104 PAX; 14 STAFF; 69 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		19 FEB 2000
at sea		20-21 FEB 2000
Penguin Island	114	21 FEB 2000
Whalers Bay, Deception Island	110	22 FEB 2000

Telefon Bay, Deception Island	90	22 FEB 2000
Half Moon Island	112	22 FEB 2000
Cuverville Island	111	23 FEB 2000
Neko Harbor, Andvord Bay	113	23 FEB 2000
Dorian Bay, Wiencke Island	101	23 FEB 2000
Jougla Point, Port Lockroy	110	24 FEB 2000
Goudier Island, Port Lockroy	110	24 FEB 2000
Petermann Island	111	24 FEB 2000
Paradise Bay	112	25 FEB 2000
Aitcho Island	113	26 FEB 2000
Pendulum Cove, Deception Island	96	26 FEB 2000
Hannah Point, Livingston Island	110	26 FEB 2000
at sea		27-28 FEB 2000
Ushuaia, ARGENTINA		29 FEB 2000

## Holland America Line

Holland American Line of Seattle, Washington, conducted an around the world voyage of the M/S ROTTERDAM VI that included cruising the islands in the Antarctic Peninsula during the 1999-2000 season. No passenger landings were conducted. Below is a rough itinerary of the vessel's cruise.

### M/V ROTTERDAM VI

#### **Cruise – World Cruise-#54**

January/April 2000

936 PAX; 3 STAFF; 656 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Ft. Lauderdale, FLORIDA		06 JAN 2000
At sea		05-27 JAN 2000
Cruising Bransfield Strait, Neumayer Channel, Lemaire Channel, Paradise Bay, and Gerlache Strait		28 JAN 2000

Cruising Bransfield Strait, Antarctic Sound and Hope Bay	29 JAN 2000
Bransfield Strait, Elephant Island	30 JAN – 10 APR 2000
Los Angeles, CALIFORNIA	11 APR 2000

## Mountain Travel\*Sobek

Mountain Travel\*Sobek of El Cerrito, California, conducted seven cruises to the Antarctic during the 1999-2000 season using the AKADEMIK SHULEYKIN.

**Cruise SHU-#9916**  
December 1999  
35 PAX; 10 STAFF; 28 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		12 DEC 1999
At sea		13-14 DEC 1999
Arctowski Station, King George Island	2	15 DEC 1999
Penguin Island	44	15 DEC 1999
Astrolabe Island	44*	15 DEC 1999
Cuerverville Island	44	16 DEC 1999
Neko Harbor, Andvord Bay	47	16 DEC 1999
Almirante Brown, Paradise Bay	43	17 DEC 1999
Port Lockroy, Wiencke Island	45	18 DEC 1999
Enterprise Island	42	18 DEC 1999
Baily Head, Deception Island	44	19 DEC 1999
Whalers Bay, Deception Island	45	19 DEC 1999
At sea		20-21 DEC 1999
Ushuaia, ARGENTINA		22 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise SHU-#9917**  
December 1999/January 2000  
23 + 18 PAX; 8 STAFF; 28 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		22 DEC 1999
At sea		23-24 DEC 1999
Heroína Island, Danger Island	31	25 DEC 1999
Paulet Island	31	25 DEC 1999
Arctowski Station, King George Island	30	26 DEC 1999
Cuerverville Island	29	27 DEC 1999
Neko Harbor, Andvord Bay	29	27 DEC 1999
Port Lockroy, Wiencke Island	29	28 DEC 1999
Petermann Island	29	28 DEC 1999
Pleneau Island	28*	28 DEC 1999
Almirante Brown, Paradise Bay	29	29 DEC 1999
Gonzalez Videla Station, Paradise Bay	29	29 DEC 1999
Whalers Bay, Deception Island	28	30 DEC 1999
<b>Embark 18 additional PAX, Deception Is.</b>		<b>31 DEC 1999</b>
Whalers Bay, Deception Island	46	31 DEC 1999
Aitcho Island	45	01 JAN 2000
Paulet Island	44	02 JAN 2000
Gourdin Island	45	02 JAN 2000
Portal Point, Charlotte Bay	47	03 JAN 2000
Cuerverville Island	42	03 JAN 2000
Petermann Island	42	04 JAN 2000
Port Lockroy, Wiencke Island	48	04 JAN 2000
Mikkelsen Harbor, Trinity Island	47	05 JAN 2000
Baily Head, Deception Island	47	05 JAN 2000
At sea		06-07 JAN 2000
Ushuaia, ARGENTINA		08 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise SHU-#001a**

January 2000  
44 PAX; 8 STAFF; 28 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		08 JAN 2000
At sea		09-10 JAN 2000
Paulet Island	54	11 JAN 2000
Brown Bluff, Tabarin Peninsula	54	11 JAN 2000
Arctowski Station, King George Island	54	12 JAN 2000
Portal Point, Charlotte Bay	55	13 JAN 2000
Neko Harbor, Andvord Bay	55	13 JAN 2000
Yalour Island	53	14 JAN 2000
Almirante Brown Station, Paradise Bay	53	14 JAN 2000
Baily Head, Deception Island	54	15 JAN 2000
Whalers Bay, Deception Island	56	15 JAN 2000
At sea		16-17 JAN 2000
Ushuaia, ARGENTINA		18 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise SHU-#0001b**

January 2000  
46 PAX; 4 STAFF; 25 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		18 JAN 2000
At sea		19-20 JAN 2000
Heroina Island, Danger Island	54	21 JAN 2000
Paulet Island	51	21 JAN 2000
Half Moon Island	50	22 JAN 2000
Cuerverville Island	52	23 JAN 2000
Port Lockroy, Wiencke Island	54	23 JAN 2000
Petermann Island	52	24 JAN 2000

Vernadsky Station, Argentine Island	51	24 JAN 2000
Neko Harbor, Andvord Bay	53	24 JAN 2000
Whalers Bay, Deception Island	47	25 JAN 2000
Hannah Point, Livingston Island	52	25 JAN 2000
At sea		26-27 JAN 2000
Ushuaia, ARGENTINA		28 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise SHU-#0001c**

January/February 2000

40 PAX; 8 STAFF; 25 CREW

<u>Ports</u>	<u># PAX<sup>1</sup></u> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		28 JAN 2000
At sea		29-30 JAN 2000
Hannah Point, Livingston Island	48	30 JAN 2000
Mikkelsen Harbor, Trinity Island	47	31 JAN 2000
Prospect Point, Graham Land	42*	01 FEB 2000
Yalour Island	45	02 FEB 2000
Pleneau Island	43	02 FEB 2000
Gonzalez Videla Station, Paradise Bay	47	03 FEB 2000
Port Lockroy, Wiencke Island	51	04 FEB 2000
Palmer Station	54	04 FEB 2000
Enterprise Island	46	05 FEB 2000
Portal Point, Charlotte Bay	36	05 FEB 2000
Pendulum Cove, Deception Island	36	06 FEB 2000
Whalers Bay, Deception Island	46	06 FEB 2000
Astrolabe Island	45*	06 FEB 2000
Paulet Island	45	07 FEB 2000
Brown Bluff, Tabarin Peninsula	48	07 FEB 2000

Half Moon Island	38	08 FEB 2000
Yankee Harbor, Greenwich Islands	40	08 FEB 2000
At sea		09-10 FEB 2000
Ushuaia, ARGENTINA		11 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise SHU-#0002**

February 2000

34 PAX; 11 STAFF; 26 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup>	<u>Dates</u>
Ushuaia, ARGENTINA		11 FEB 2000
At sea		12-13 FEB 2000
Aitcho Island	45	13 FEB 2000
Comandante Ferraz Station, King George Is.	45	14 FEB 2000
Portal Point, Charlotte Bay	39*	15 FEB 2000
Cuerverville Island	40	15 FEB 2000
Port Lockroy, Wiencke Island	45	16 FEB 2000
Vernadsky Station, Argentine Island	39^	16 FEB 2000
Yalour Island	36	17 FEB 2000
Petermann Island	36	18 FEB 2000
Yalour Island	38	18 FEB 2000
Ronge Island	44	19 FEB 2000
Port Lockroy, Wiencke Island	34	20 FEB 2000
Port Lockroy, Wiencke Island	37	21 FEB 2000
Paradise Bay	42	21 FEB 2000
Neko Harbor, Andvord Bay	42	22 FEB 2000
At sea		23-24 FEB 2000
Ushuaia, ARGENTINA		25 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only; ^ = camping



**Cruise SHU-#0003**  
February/March 2000  
42 PAX; 9 STAFF; 26 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		25 FEB 2000
At sea		26-27 FEB 2000
Port Lockroy, Wiencke Island	48	28 FEB 2000
Vernadsky Station, Argentine Island	48	28 FEB 2000
Neko Harbor, Andvord Bay	48	29 FEB 2000
Ronge Island	21	29 FEB 2000
Brown Bluff, Tabarin Peninsula	48	01 MAR 2000
At sea		02-03 MAR 2000
Paulet Island	46	04 MAR 2000
King Haakon Bay, South Georgia	48	04 MAR 2000
Gold Harbor, South Georgia	47	05 MAR 2000
St. Andrews Bay, South Georgia	60	05 MAR 2000
Grytviken Station, South Georgia	48	06 MAR 2000
Fortuna Bay, South Georgia	47	06 MAR 2000
Stromness Bay, South Georgia	20	06 MAR 2000
Albatross Island, South Georgia	48	07 MAR 2000
Elsehul Bay, South Georgia	45*	07 MAR 2000
At sea		08-09 MAR 2000
Port Stanley, Falkland Islands	48	10 MAR 2000
New Island, Falkland Islands	44	11 MAR 2000
West Point Island, Falkland Islands	47	12 MAR 2000
Carcass Island, Falkland Island	47	12 MAR 2000
At sea		13 MAR 2000
Ushuaia, ARGENTINA		14 MAR 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

## Special Expeditions, Inc.

Special Expeditions, Inc. of New York City, New York, conducted six cruises to the Antarctic during the 1999-2000 season, using the M/V CALEDONIAN STAR. Given below for each cruise is the port of origin, sites visited (with dates) and the return port.

### M/V CALEDONIAN STAR

#### **Cruise CS #4925**

December 1999

82 PAX; 9 STAFF; 68 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Punta Arenas, CHILE		10 DEC 1999
At sea		11-12 DEC 1999
Aitcho Island	99	13 DEC 1999
Fort Point, Greenwich Island, S. Shetlands	61	13 DEC 1999
Yankee Harbor, Greenwich Is., S. Shetlands	78	14 DEC 1999
Paulet Island	90	14 DEC 1999
Crystal Hill, Trinity Peninsula	85	15 DEC 1999
Brown Bluff, Tabarin Peninsula	57	15 DEC 1999
Cuverville Island	89	16 DEC 1999
Petermann Island	43	17 DEC 1999
Port Lockroy, Wiencke Island	101	17 DEC 1999
Hydrurga Rocks	82	17 DEC 1999
Whalers Bay, Deception Island	91	18 DEC 1999
Telefon Bay, Deception Island	84	18 DEC 1999
Pendulum Cove, Deception Island	61	18 DEC 1999
Hannah Point, Livingston Island	84	18 DEC 1999
At sea		19-20 DEC 1999
Ushuaia, ARGENTINA		21 DEC 1999

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CS #4000**  
December 1999/January 2000  
77 PAX; 9 STAFF; 68 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		21 DEC 1999
At sea		22 DEC 1999
Falkland Islands		23-25 DEC 1999
At sea		26 DEC 1999
Point Wild, Elephant Island	82*	27 DEC 1999
Cape Valentine, Elephant Island	46*	27 DEC 1999
Paulet Island	89	28 DEC 1999
Rum Cove, James Ross Island	89	29 DEC 1999
Crystal Hill, Trinity Peninsula	90	29 DEC 1999
Hydrurga Rocks	80	30 DEC 1999
Port Lockroy, Wiencke Island	93	31 DEC 1999
Pleneau Island	82	31 DEC 1999
Damoy Point, Wiencke Island	80	01 JAN 2000
Danco Island	69	01 JAN 2000
Cuerverville Island	84	01 JAN 2000
Whalers Bay, Deception Island	86	02 JAN 2000
Telefon Bay, Deception Island	80	02 JAN 2000
Yankee Harbor, South Greenwich Island	80	02 JAN 2000
Fort Point, South Greenwich Island	70	02 JAN 2000
At sea		03-05 JAN 2000
Punta Arenas, CHILE		06 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CS #4001**

January 2000  
107 PAX; 10 STAFF; 67 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Punta Arenas, CHILE		06 JAN 2000
At sea		07-08 JAN 2000
Aitcho Islands	115	09 JAN 2000
Paulet Island	97	10 JAN 2000
Bald Head, Trinity Peninsula	114	11 JAN 2000
Devil Island	104	11 JAN 2000
Palmer Station, Anvers Island	137	12 JAN 2000
Torgersen Island	101	12 JAN 2000
Almirante Brown Station	105	13 JAN 2000
Goudier Island, Port Lockroy, Wiencke Is.	102	13 JAN 2000
Jougla Point, Port Lockroy, Wiencke Island	87	13 JAN 2000
Hannah Point, Livingston Island	93	14 JAN 2000
Telefon Bay, Deception Island	93	14 JAN 2000
Point Wild, Elephant Island	103*	15 JAN 2000
Falkland Islands		16-18 JAN 2000
At sea		19-20 JAN 2000
Ushuaia, ARGENTINA		21 JAN 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CS #4002**

January/February 2000  
85 PAX; 12 STAFF; 65 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
<b>Port</b>		<b>Dates</b>
Ushuaia, ARGENTINA		21 JAN 2000
At sea		22 JAN 2000

Falkland Islands		23-25 JAN 2000
At sea		26-27 JAN 2000
Devil Island	99	28 JAN 2000
Bald Head, Trinity Peninsula	100	28 JAN 2000
Snow Hill Island	94	29 JAN 2000
Paulet Island	99	29 JAN 2000
Hannah Point, Livingston Island	92	30 JAN 2000
Whalers Bay, Deception Island	95	30 JAN 2000
Pendulum Cove, Deception Island	44	30 JAN 2000
Enterprise Islands	90*	31 JAN 2000
Goudier Island, Port Lockroy, Wiencke Island	90	31 JAN 2000
Jougla Point, Port Lockroy, Wiencke Island	68	31 JAN 2000
Skontorp Cove, Paradise Bay	78*	31 JAN 2000
Yalour Islands	84*	01 FEB 2000
At sea		02-04 FEB 2000
Punta Arenas, CHILE		05 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CS #4003**

February 2000

100 PAX; 11 STAFF; 65 CREW

<u>Ports</u>	<u># PAX</u> <sup>1</sup> <u>Landed</u>	<u>Dates</u>
Punta Arenas, CHILE		05 FEB 2000
At sea		06-07 FEB 2000
Hannah Point, Livingston Island	110	08 FEB 2000
Whalers Bay, Deception Island	113	08 FEB 2000
Jougla Point, Port Lockroy, Wiencke Island	77	09 FEB 2000
Goudier Island, Port Lockroy, Wiencke Island	98	09 FEB 2000
Palmer Station, Anvers Island	120	09 FEB 2000
Torgersen Island	94	09 FEB 2000
Prospect Point, Graham Land	107*	10 FEB 2000
Yalour Islands	101*	11 FEB 2000

Skontorp Cove, Paradise Bay	104	11 FEB 2000
Bald Head, Trinity Peninsula	112	12 FEB 2000
Snow Hill Island	107	13 FEB 2000
Brown Bluff, Tabarin Peninsula	66	13 FEB 2000
At sea		14-15 FEB 2000
Ushuaia, ARGENTINA		16 FEB 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

**Cruise CS #6**

February/March 2000

72 PAX; 12 STAFF; 65 CREW

<u>Ports</u>	<u># PAX <sup>1</sup></u> <u>Landed</u>	<u>Dates</u>
Ushuaia, ARGENTINA		16 FEB 2000
At sea		17-18 FEB 2000
Jougla Point, Port Lockroy, Wiencke Island	74	19 FEB 2000
Goudier Island, Port Lockroy, Wiencke Is.	80	19 FEB 2000
Palmer Station, Anvers Island	87	19 FEB 2000
Torgersen Island	72	19 FEB 2000
Petermann Island	74	20 FEB 2000
Cuerverville Island	84	20 FEB 2000
Telefon Bay, Deception Island	64	21 FEB 2000
Baily Head, Deception Island	57	21 FEB 2000
Pitt Point (Victory Glacier)	85	22 FEB 2000
Penguin Point, Seymour Island	78	23 FEB 2000
Paulet Island	76	23 FEB 2000
Cape Valentine, Elephant Island	2*	24 FEB 2000
Point Wild, Elephant Island	83*	24 FEB 2000
Gibbon Bay, Coronation Island	84*	25 FEB 2000
At sea		25 FEB 2000
South Orkneys		26 FEB 2000
At sea		27 FEB 2000
South Georgia		28 FEB – 02 MAR 2000

At sea	03-04 MAR 2000
Falkland Islands	05-06 MAR 2000
At sea	07 MAR 2000
Punta Arenas, CHILE	08 MAR 2000

<sup>1</sup> = Includes passengers, staff and crew landed

\* = zodiac cruising only

## **Other**

In addition, several other organizations conducted or supported tourism activities in the Antarctic during the 1999-2000 season. Although some of these organizations are not U.S. based, some American citizens were involved in their planned activities and for this reason are reported here.

### **SHIPBORNE**

- a) Hapag-Lloyd Cruises of Hamburg, Germany, operated two vessels in the Antarctic Peninsula. The HANSEATIC and the BREMEN conducted 7 cruises each.
  
- b) Marine Expeditions of Toronto, Canada, conducted approximately 29 cruises to the Antarctic Peninsula using the AKADEMIK IOFFE, the ORLOVA and the AKADEMIK SHUELYKIN.

LANDBASED

Adventure Network International (ANI), a Canadian company with an office in Beaconsfield, England, conducted several 11-17-day excursions to the interior of the Antarctic continent. Travel from Punta Arenas, Chile, to Adventure Network's Patriot Hills base camp (80°20'S, 81°20'W) was via a South African chartered C-130 cargo/passenger aircraft. These various inland excursions occurred during November 1999 - mid-January 2000 using two chartered Twin Otters and their own Cessna C-A185F aircraft.



## **XI. Refuges**

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*Section XI of the Modifications of Activities Planned for 1999-2000 notes changes to existing refuges and survival caches in the McMurdo area as well as deactivated camps and stations elsewhere on the continent.*

*No significant changes to these facilities occurred during the 1999-2000 season.*

## XII. Permits, Species Killed, Captured

The following chart provides information on Antarctic Conservation Act (P.L. 95-541) Permits issued during 1 July 1999 to 30 June 2000.

Permit #	Active Dates	Permit Activity	Location	Purpose
2000-001	21 Sep 99 – 31 Jan 2005	Take/Entry into ASPA /Import into U.S.	Antarctic Peninsula, Victoria Land, Ross Sea and McMurdo Station vicinity	Conduct surveys and excavations (no more than 1x1 m test pits) of sediments from modern and abandoned penguin colonies to determine patterns in population fluctuations in relation to climate change in the past.
2000-004	21 Sep 99 – 28 Feb 2002	Taking/Import into U.S.	McMurdo Sound area	Temporarily attach depth and physiological recorders to Emperor penguin chicks and adults to study thermo-regulation and underwater diving behavior. In addition, muscles will be biopsied to ex-amine myoglobin mRNA content in relation to myoglobin concentration in both adults and developing chicks.
2000-005	08 Oct 99 – 01 Apr 2001	Taking/Import into U.S.	Ross and Amundsen seas	Capture and release seals to collect blood and biopsy samples, in order to assess a suite of bio-indicators of health. This data will be used along with other data to provide the most detailed model of the link between ice seals and the environment.

Permit #	Active Dates	Permit Activity	Location	Purpose
2000-07	01 Dec 99 – 28 Feb 2002	Take/ Entry into ASPA	Beaufort Island (ASPA #105)/ Cape Royds (ASPA #121)/ Cape Crozier (ASPA #124)	Capture, tag, weigh and collect blood and stomach samples from Adelie penguins to determine why the penguins at the smaller Royds rookery are growing faster than those at the larger Crozier site.
2000-008	01 Oct 99 – 28 Feb 2005	Entry into ASPA	Canada Glacier (ASAP #131)	Access ASPA to provide maintenance on the continuously recording stream gage and collect water quality samples as part of a Long Term Ecological Research program. The extensive microbial mats and mosses growing in the Canada stream are unique compared to other areas in the Dry Valleys. The stream gage on the Canada stream provides one of the longest records of discharge in the Taylor Valley.
2000-010	04 Oct 99 – 31 Jan 2002	Introduction into Antarctica	Amundsen-Scott South Pole Station	Introduction of commercially packaged freeze-dried yeast to be exposed to the extreme climate at South Pole during the winter. The yeast will then be used as part of an educational outreach program where students will look for changes in the yeast's metabolic activity.
2000-011	08 Oct 99 – 30 Aug 2004	Taking/Import into U.S.	Circumpolar pack ice	As a component of a multi-disciplinary Antarctic Pack Ice Seal study, seals will be captured, tagged, marked, instrumented and biological samples (biopsies, blood, urine, teeth, etc.) collected. Samples will be returned to the U.S. for further analysis.
2000-012	21 Sep 99 – 31 Aug 2004	Entry into ASPA	Antarctic Peninsula/ Western Shore Admiralty Bay (ASPA #128)	Continue site surveys and census of fauna and flora at various heavily visited sites to collect data for the Antarctic Site Inventory Project.

Permit #	Active Dates	Permit Activity	Location	Purpose
<b>2000-013 and 2001-008</b>	01 Nov 99 – 28 Feb 2000  01 Aug 00 – 01 Mar 2001	Entry into ASPA	Cape Crozier (ASPA #124)	Enter edges of ASPA for purposes of filming Adelie and Emperor penguins during nesting, egg tending and egg hatching. Under-water filming of penguins, leopard seals, Orcas and Minke whales.
<b>2000-014</b>	01 Oct 99 – 30 Apr 2001	Taking/Import into U.S.	Antarctic Peninsula, East Antarctica and Ross Sea region	Collect blood samples from penguins for analysis of the phylogenetic relationships and population genetics of 2 major genera of penguins. In addition, blood samples from seabirds and penguins near Davis Station will be collected to investigate the diseases reported in these populations.
<b>2000-015</b>	01 Jan 00 – 31 Jan 2004	Taking/Import into U.S.	Antarctic Peninsula regions	Conduct satellite-monitored radio tagging (Telonics transmitter ST-15) studies of humpback, blue and fin whales to track movements, migration routes and location of individuals. In addition, collect biopsy samples for sex determination and genetic analysis.
<b>2000-016</b>	01 Dec 99 – 30 Dec 2004	Entry into ASPA	Tramway Ridge (ASPA #130)	Enter site to measure temperature of the soil as a means of monitoring the volcanic activity of Mount Erebus. In addition, collect soil samples to measure the quantity of CO <sup>2</sup> and measure its flux into the atmosphere which provides information on the degassing behavior of the magmatic system.
<b>2000-017</b>	10 Nov 99 – 31 Dec 99	Introduction into Antarctica	McMurdo Station	Perform positive control experiments when measuring denitrification rates at Lake Bonney using bacterial cultures originally isolated from the lake.
<b>2000-018</b>	10 Nov 99 – 31 Jan 2000	Entry into ASPA	Barwick Valley (ASPA #123)	Enter site to map lacustrine deposits and collect samples of evaporates and algae for radio-carbon and uranium-thorium dating.

Permit #	Active Dates	Permit Activity	Location	Purpose
2000-019	20 Dec 99 – 20 Feb 2001	Introduction into Antarctica	McMurdo Station	Bacterial cultures of <i>E. coli</i> are a component of several molecular biology DNA cloning kits used for research in the Cray Lab.
2000-020	15 Dec 99 – 20 Apr. 2000	Taking/Import into U.S.	Ross Sea region	Capture Emperor penguins to collect stomach contents and attach recorders/transmitters. Data collected will be used in an ecosystem analysis of the Ross Sea.
2000-021	10 Nov 99 – 15 Jan 2004	Taking/Import into U.S.	Circumpolar pack ice and sites ashore	Tag and collect biological samples from seals as part of a project to study the feeding ecology, reproduction, and population dynamics of Antarctic seals and examine their role in the marine ecosystem.
2000-23	21 Jan 00 – 01 Mar 2000	Taking	Palmer Station vicinity	Salvage dead specimens for the educational outreach collection of the Palmer Long Term Ecological Research project.
2000-024	22 Jan 00 – 01 Mar 2000	Taking/Entry into ASPA	Lake Fryxell (ASPA #131)	Collect cyano-bacterial assemblages from the lake ice cover to examine the physiological responses and community structures that are selected by the ice-cover environment.
2001-001	01 Apr 00 – 31 Mar 2005	Entry into ASPA	Litchfield Island (ASPA # 113)	Enter site to inspect and resupply the survival cache that is required for boating safety.
2001-002	01 Apr 00 – 31 Mar 2005	Taking	McMurdo Station and associated airfields	Taking associated with removing penguins, seals and skuas from McMurdo Station and associated airfields to ensure safety of operations and protection of the animals.
2001-003	01 Apr 00 – 31 Mar 2005	Entry into ASPA	Northwest White Island (ASPA #137)	Entry into ASPA for access to and maintenance of Black Island INMARSAT transmitting and receiving equipment.

Permit #	Active Dates	Permit Activity	Location	Purpose
2001-004	01 Apr 00 – 31 Mar 2005	Entry into ASPA	Western Shore of Admiralty Bay (ASPA #128)	Entry into ASPA for movement of personnel and supplies to and from the U.S. research station, Copacabana.
2001-005	01 Apr 00 – 31 Mar 2005	Taking	Palmer Station	Taking associated with removing penguins, seals and other birds from the Palmer Station pier to ensure safety of operations and protection of the animals.
2001-006	15 May 00 – 30 Jun 2000	Taking/Entry into ASPA/ Import into U.S.	Shores of Port Foster (ASPA #140)	Collect sand and snow samples for analyses for aerosol sources of iron.
2001-007	15 May 00 – 30 Jun 2000	Introduce into Antarctica	Antarctic Peninsula	Use of unicellular algal species in rearing Antarctic zooplankton in a study of the larvae of benthic organisms, and their larval life history in understanding the demography of bottom organisms.
2001-010	28 Jun 00 – 1 Apr 2001	Entry into ASPA	Byers Peninsula (ASPA #126)	Entry into ASPA to reconnoiter possible landing sites and camp sites along the southern shore for a future research camp.

ASPA = Antarctic Specially Protected Area (formerly SPA's and SSSI's)

## XIII. Radioactive Materials

*Section XIII of the Modifications of Activities Planned for 1999-2000 lists any changes in the radioactive materials used during this time period and provides information regarding their form, nuclide, site, and specific use.*

### Add

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
BP-016-O	<sup>14</sup> C	<sup>14</sup> C – Sodium bicarbonate	NATHANIEL B. PALMER	LTERR on the Antarctic Marine Ecosystem: An Ice Dominated Environment - Phytoplankton Ecology Component
BM-042-P	<sup>3</sup> H	<sup>3</sup> H – Thymidine	McMurdo Station/Dry Valleys	McMurdo Dry Valleys: A Cold Desert Ecosystem
BP-046-O	<sup>3</sup> H	<sup>3</sup> H – Thymidine	R/V LAURENCE M. GOULD; R/V NATHANIEL B. PALMER	LTERR: Microbiology and carbon flux
OO-124-O	<sup>63</sup> Ni	<sup>63</sup> Ni – Nickel	R/V LAURENCE M. GOULD	Measurements of the circumpolar deep water formation.
AB-144-O	<sup>241</sup> Am <sup>109</sup> Cd <sup>57</sup> Co	<sup>241</sup> Am – Americium <sup>109</sup> Cd – Cadmium <sup>57</sup> Co - Cobalt	McMurdo	Experimentation to observe terrestrial x-rays associated with the aurora australis.
BO-197-O	<sup>32</sup> P	<sup>32</sup> P – Uridine Adenosine	McMurdo	Investigation of emperor penguin diving physiology.

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
OO-274-O	<sup>63</sup> Ni	<sup>63</sup> Ni – Nickel	R/V NATHANIEL B. PALMER	Measurements of the circumpolar deep water formation.
BO-310-O	<sup>3</sup> H	Tritium	McMurdo Station	Determination of Dry Valley Lake Organisms

## Delete

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
BP-046-O	<sup>14</sup> C	<sup>14</sup> C – Sodium Bicarbonate	R/V LAURENCE M. GOULD; R/V NATHANIEL B. PALMER	LTER: Microbiology and carbon flux
BO-301-O	<sup>32</sup> P	<sup>32</sup> P - Nucleic Acids	McMurdo Station	Metabolic studies of various Antarctic organisms
BO-310-O	<sup>3</sup> H	<sup>3</sup> H – Thymidine	McMurdo Station	Determination of Dry Valley Lake Organisms



## **XIV. Research Rockets**

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*Section XIV of the Modifications of Activities Planned for  
1999-2000 reports any deviations from the original plans regarding  
the use of research rockets in Antarctica.*

*No significant changes are noted.*

## XV. Oceanography- Government

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*Section XV of the Modifications of Activities Planned for 1999-2000 presents final information regarding United States Antarctic Program sponsored oceanographic expeditions during the 1999-2000 season.*

**Note:** For actual tracks of the Research Vessels NATHANIEL B. PALMER and LAURENCE M. GOULD please see Attachment C, Cruise Tracks.

### R/V NATHANIEL B. PALMER

The R/V NATHANIEL B. PALMER made cruises during the period of 30 March 1999 through 31 March 2000. Cruises are:

**Cruise NBP99-3**

28 March – 11 April 1999: *Studies of sediment dispersal patterns across the Palmer Deep region of Antarctica.*

GO-072-O (Domack)

**Cruise NBP99-4**

15 April – 10 May 1999: *Study of Hydrothermal Activity in the Bransfield Strait region of Antarctica*

GO-060-O (Klinkhammer)

**Cruise NBP99-5**

14 May – 06 June 1999: *Support of ongoing land- and ocean-based seismometer deployments in the South Shetland Island Archipelago region of Antarctica.*

GO-135-O (Dorman) GO-097-O (Wiens)

**Cruise NBP99-6**

11 June – 16 July 1999: *Long-Term Study of the Antarctic Marine Ecosystem: An Ice-Dominated Environment (LTER)*

BP-013-O (Fraser) BP-016-O (Vernet) BP-021-O (Martinson) BP-028-O (Quetin) BP-032-O (Smith) BP-046-O (Karl)

**Cruise NBP99-7**

19 July – 17 August: *Maintenance Period in Talcahuano, Chile. Installation of Terascan and U.S. Coast Guard Inspection were major projects for this dry dock of the R/V NATHANIEL B. PALMER.*

**Cruise NBP99-8**

17 August – 8 September 1999: *Mapping Magnetic Anomalies across the southern Pacific Ocean.*

GO-071-O (Cande)

**Vessel Lay-Up Period**

8 September – 20 December 1999: *Lay-up period in Christchurch, New Zealand. A charter-required propulsion systems test and a UNOLS Inspection occurred during this time along with several maintenance and repair projects.*

**Cruise NBP99-9**

20 December 1999 – 10 February 2000: *Study of Pack Ice Seals in the Southern Ocean/Ross Sea regions of Antarctica.*

BE-198-A (Bengtson) BE-198-B (Torres) BE-198-C (Ackley) BE-198-D (Quetin) BE-199-O (Castellini) BE-229-O (Stewart) BE-230-O (Yochem) BE-309-O (Siniff)

**Biology & Medicine**

Principal Investigator	I.D. No.	Institution
Fraser, Bill (+4)	BP-013-O	Montana State University
Vernet, Maria (+4)	BP-016-O	Scripps Institute of Oceanography
Martinson, Doug (+1)	BP-021-O	Lamont-Doherty Earth Observatory

Quetin, Langdon (+7) and Robin Ross	BP-028-O	University of California, Santa Barbara
Smith, Ray (+3)	BP-032-O	ICISS, University of California, Santa Barbara
Karl, Dave (+7)	BP-046-O	University of Hawaii, Honolulu
Bengtson, John (+6)	BE-198-A	National Marine Mammal Lab
Torres, Joseph (+4)	BE-198-B	University of Southern Florida
Jacobs, Stan (+4)	BE-198-C	Lamont-Doherty Earth Observatory
Quetin, Langdon (+4) and Robin Ross	BE-198-D	University of California, Santa Barbara
Castellini, Michael (+2)	BE-199-O	University of Alaska, Fairbanks
Stewart, Brent (+1)	BE-229-O	Hubbs-Sea World Research Institute
Yochem, Pamela (+1)	BE-230-O	Hubbs-Sea World Research Institute
Siniff, Donald, (+4)	BE-309-O	University of Minnesota

## **Geology & Geophysics**

<b>Principal Investigator</b>	<b>I.D. No.</b>	<b>Institution</b>
Klinkhammer, Gary(+23)	GO-060-O	Oregon State University
Cande, Steve (+3)	GO-071-O	Scripps Institute of Oceanography
Domack, Eugene (+6)	GO-072-O	Hamilton College
Wiens, Doug (+2)	GO-097-O	Washington University, Missouri
Dorman, LeRoy (+4)	GO-135-O	Scripps Institute of Oceanography

## **R/V LAURENCE M. GOULD**

The R/V LAURENCE M. GOULD made 13 science cruises and passenger transports to the Antarctic Peninsula during the period of 30 March 1999 through 31 March 2000.

### **Cruise LMG99-3**

21 March 1999 – 20 April 1999: *Multi-disciplinary study of Antarctic fishes, phytoplankton.*

BO-036-O (Sidell) BO-037-O (Detrich) OO-124-O (Visbeck) BO-300-O  
(D. Anderson)

### **Cruise LMG99-4 and LMG99-5**

27 April 1999 – 02 July 1999: *Continuation of LMG99-3.*

BO-036-O (Sidell) BO-037-O (Detrich)

### **Cruise LMG99-6**

09 July 1999 – 30 July 1999: *Palmer Station Support Cruise.*

### **Cruise LMG99-7**

01 August 1999 – 10 September 1999: *Transit to Talcahuano, Chile--Maintenance Period—Return transit to Punta Arenas, Chile. Acoustic Doppler Current Profiler (ADCP) installed during this time.*

### **Cruise LMG99-8**

14 September 1999 – 28 September 1999: *Palmer Station Support and ADCP shakedown cruise.*

OO-315-O (Chereskin)

### **Cruise LMG99-8A**

28 September 1999 – 09 October 1999: *Open Period—UNOLS Vessel Science Inspection.*

**Cruise LMG99-8B**

09 October 1999 – 21 October 1999: *Palmer Station Turnover and Copacabana Field Camp Opening.*

**Cruise LMG99-9**

25 October 1999 – 15 November 1999: *Ongoing time-series study of the water column and benthic community in and around the Deception Island caldera region of Antarctica. Open Cape Shirreff Field Camp.*

BO-050-O (K. Smith)

**Cruise LMG99-10**

20 November 1999 – 12 December 1999: *Study of the disposition and fate of bloom material along the West Antarctic Shelf (BO-303-O, BO-313-O). In addition, mooring recovery operations were conducted near Palmer Station and Victor Hugo Island as part of an ongoing microbiology and carbon flux study (BO-046-O).*

BP-046-O (Karl) BO-303-O (C. Smith) BO-313-O (DeMaster)

**Cruise LMG00-1**

17 December 1999 – 01 February 2000: *Ongoing LTER study of the effects of sea-ice dynamics on biology. This summer cruise also included a brief call at the Cape Shirreff Field Camp.*

BP-013-O (Fraser) BP-016-O (Vernet) BP-021-O (Martinson) BP-028-O (Quetin) BP-032-O (Smith) BP-046-O (Karl)

**Cruise LMG00-2**

05 February 2000 – 26 February 2000: *Ongoing time-series study of the water column and benthic community in and around the Deception Island caldera region of Antarctica. Copacabana Field Camp Construction materials were delivered during this cruise as well.*

BO-050-O (K. Smith)

**Note:** See Appendix III for complete list of scientific personnel for each I.D. No.

### **Ocean and Climate**

Visbeck, Martin (+4)	OO-124-O	Lamont-Doherty Earth Observatory
Chereskin, Teri (+2)	OO-315-O	University of Hawaii

### **Biology & Medical Research**

Sidell, Bruce (+4)	BO-036-O	University of Maine
Detrich, William (+5)	BO-037-O	Northeastern University
Karl, David (+6)	BP-046-O	University of Hawaii
Smith, Ken (+16)	BO-050-O	Scripps Institute of Oceanography
Anderson, Donald (+2)	BO-300-O	Woods Hole Oceanographic Institution
Smith, Craig (+6)	BO-303-O	University of Hawaii

## **R/V YUZHMOREGEOLOGIYA**

Information on cruises conducted by the R/V YUZHMOREGEOLOGIYA on behalf of NOAA's Antarctic Marine Living Resources field program is not available at this time. The "AMLR 1999/200 Field Season Report" will be available later in the fall. Contact the following address for a copy of the printed report:

Southwest Fisheries Service Center  
National Marine Fisheries Service  
National Oceanic & Atmospheric Administration  
P.O. Box 271  
La Jolla, CA 92038

## XVI. Visiting Expeditions

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*Section XVI of the Modifications of the United States Antarctic Activities Planned for 1999-2000 provides information on expeditions visiting U.S. stations during the 1999-2000 austral summer.*

### McMurdo Station

<u>Date of Visit</u>	<u>Duration of Visit</u>	<u>Number of Visitors</u>	<u>Group Name or # of Vessel or Aircraft</u>	<u>Purpose of Visit</u>
20 Jan. 2000	4 hrs.	134	M/V KAPITAN KHLEBNIKOV	Tourist visit
12 Feb. 2000	6 hrs.	489	M/V MARCO POLO	Tourist visit
15 Feb. 2000	3 hrs.	60	M/V AKADEMIK SHOKALSKIY	Tourist visit

### Amundsen-Scott South Pole Station

<u>Date of Visit</u>	<u>Duration of Visit</u>	<u>Number of Visitors</u>	<u>Group Name or # of Vessel or Aircraft</u>	<u>Purpose of Visit</u>
23 Nov. 1999	4 hours	French Skier	Adventure Network International - Cessna GSA	French Skier Drop-off.



<u>Date of Visit</u>	<u>Duration of Visit</u>	<u>Number of Visitors</u>	<u>Group Name or # of Vessel or Aircraft</u>	<u>Purpose of Visit</u>
23 Nov. 1999	6 days	1 Pilot	Adventure Network International - Cessna GSA	Cessna Pilot remains on station after breakdown of plane
30 Nov. 1999	6 hours	8 Tourists and 2 Crew	Adventure Network International - Twin Otter	Tourist Visit
14 Dec. 1999	5 days	3 Crew, 5 Tourists, 2 Staff	Adventure Network International – DC-3 200 AN	Tourist visit
16 Dec. 1999	1 hour	2 Skiers	Operation Chill-Out	Tourist visit – Through Skiers
21 Dec. 1999	9 days	2 Skiers	Operation Chill-Out	Tourist visit – Skiers re- turned after fuel contam- inated food
30 Dec. 1999	1 hour	2 Crew	Adventure Network International – Twin Otter	Pick-up of Operation Chill-Out skiers
31 Dec. 1999	13 hours	2 Crew, 10 Tourists	Adventure Network International – Twin Otter	Tourist Visit

<u>Date of Visit</u>	<u>Duration of Visit</u>	<u>Number of Visitors</u>	<u>Group Name or # of Vessel or Aircraft</u>	<u>Purpose of Visit</u>
31 Dec. 1999	4 days	4 Skiers	Singaporean Expedition	Tourist Visit
31 Dec. 1999	5 days	8 Skiers	“Last Degree” Skiers	Tourist Visit
4 Jan. 2000	1 ½ hours	2 Crew, 1 Staff	Adventure Network International-Twin Otter	Pick up Singaporeans
4 Jan. 2000	Less than one day	9 Tourists	International Expedition Skiers	Tourist Visit
4 Jan. 2000	1 hour	2 Crew	Adventure Network International – Twin Otter	Pick up International Expedition Skiers
5 Jan. 2000	6 hours	2 Crew, 1 Staff (Cessna Pilot)	Adventure Network International – Twin Otter	“Last Degree” Skiers are picked up, Cessna pilot is dropped off with replacement prop to repair broken plane
6 Jan. 2000	24 hours	1 Crew (Cessna Pilot)	Adventure Network International-Cessna	Cessna pilot departs station after repair of plane

<u>Date of Visit</u>	<u>Duration of Visit</u>	<u>Number of Visitors</u>	<u>Group Name or # of Vessel or Aircraft</u>	<u>Purpose of Visit</u>
6 Jan. 2000	2 ½ days	7 Visitors	Argentineans from Belgrano II Station - snowmobiles	Government Expedition
8 Jan. 2000	20 hours	14 Tourists	Russian organized "International Millennium Expedition" – Four Snow Buggies	Tourist visit
12 Jan. 2000	2 hours	2 Crew, 5 Tourists, 2 Staff	Adventure Network International – Twin Otter	Tourist visit
16 Jan. 2000	48 hours	3 Crew, 9 Tourists, 2 Staff	Adventure Network International – DC-3 200 AN	Tourist visit including two Astronauts

## Palmer Station

<u>Date of Visit</u>	<u>Duration of Visit</u>	<u>Number of Visitors</u>	<u>Group Name or # of Vessel or Aircraft</u>	<u>Purpose of Visit</u>
9 Dec 99	6.5 hrs.	24	RRS JAMES CLARK ROSS	Passenger transfer to Rothera Base via Twin Otter Aircraft
13 Dec 99	3 hrs.	53	M/V EXPLORER	Tourist visit
28 Dec	8 hrs.	9	S/Y SARAH	Tourist visit

<u>Date of Visit</u>	<u>Duration of Visit</u>	<u>Number of Visitors</u>	<u>Group Name or # of Vessel or Aircraft</u>	<u>Purpose of Visit</u>
31 Dec 99	4.5 hrs.	114	M/V WORLD DISCOVERER	Tourist visit
01 Jan 2000	4 hrs.	11	S/Y CROIX SAINT PAUL II	Tourist visit
10 Jan 2000	4.5 hrs.	147	M/V WORLD DISCOVERER	Tourist visit
14 Jan 2000	3.25	63	M/V MULTANOVSKIY	Tourist visit
20 Jan 2000	3 hrs.	118	M/V EXPLORER	Tourist visit
31 Jan 2000	4 hrs.	9	S/Y SARAH	Tourist visit
31 Jan 2000	5 hrs	35	ATF67 LAUTARO	Inter-program visit
2 Feb 2000	3.5	119	M/V CLIPPER ADVENTURER	Tourist visit
4 Feb 2000	5 hrs.	11	S/Y CROIX SAINT PAUL II	Tourist visit
4 Feb 2000	4 hrs.	123	M/V CALEDONIAN STAR	Tourist visit
7 Feb 2000	5 hrs.	5	S/Y ALDERMAN	Tourist visit
13 Feb 2000	14 hrs.	7	ARS SUBOFICIAL CASTILLO	Bi-monthly patrol visit
14 Feb 2000	4 hrs.	138	M/V WORLD DISCOVERER	Tourist visit
15 Feb 2000	3.5 hrs.	90	M/V CALEDONIAN STAR	Tourist visit
17 Feb 2000	4 hrs.	99	M/V EXPLORER	Tourist visit
19 Feb 2000	3.3	90	M/V CALEDONIAN STAR	Tourist visit

## Scientific Personnel

### McMurdo Station Area

	Dates in Antarctica	
	<u>Arrived</u>	<u>Departed</u>
<b>AB-144-O</b>		
<u>NASA</u>		
Damien H. Chua	11/28/99	1/15/00
Leonard Howell, Jr.	12/6/99	12/13/99
Kirsten Lorentzen	11/28/99	12/13/99
Robyn M. Millan	11/3/99	2/7/00
Rick Sterling	12/4/99	1/15/00
<b>AB-145-O</b>		
<u>National Scientific Balloon Facility</u>		
Frank A. Candelaria	11/23/99	1/13/00
Mark D. Cobble	12/14/99	12/20/99
Michael L. Fortenberry	11/14/99	12/10/99
Thomas G. Harper	12/4/99	12/13/99
Otto J. Masters	11/23/99	1/13/00
Charles M. Mayfield	11/23/99	1/15/00
Robert R. Mullenax	12/6/99	1/15/00
Thomas J. Paul	11/23/99	2/3/00
Steven E. Peterzen	10/25/99	2/16/00
Titus S. Sigler	11/14/99	2/3/00
Brian D. Stilwell	11/14/99	1/29/00
William E. Stracener, Jr.	12/6/99	2/4/00
David W. Sullivan (Australia)	11/28/99	1/17/00
<b>AB-146-O</b>		
<u>John Hopkins University</u>		
Pietro N. Bernasconi (Switzerland)	10/25/99	2/16/00
Harry A. Eaton	11/9/99	1/13/00
David J. Hickinbotham	11/9/99	12/5/99
Nicholas P. Konidaris	10/25/99	1/8/00
David M. Rust	11/28/99	1/13/00
Brigitte Schmieder (France)	12/4/99	12/21/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>AC-371-O</b>		
<u>University of Chicago</u>		
Christopher L. Martin	12/14/99	2/7/00
<b>AC-372-O</b>		
<u>University of Chicago</u>		
Mark Jarnyk (Australia)	1/21/00	2/9/00
<b>AC-373</b>		
<u>University of Chicago</u>		
Erik M. Leitch	12/29/99	2/16/00
Tony Press	1/14/00	1/18/00
<b>AO-107-O</b>		
<u>Instituto De Fisica Dell'Atmos</u>		
Francesco Cairo (Italy)	8/20/99	8/26/99
Roberto Morbidini (Italy)	8/20/99	10/2/99
<b>AO-120-O</b>		
<u>University of Delaware</u>		
Leonard M. Shulman	1/5/00	1/13/00
<b>AO-131-O</b>		
<u>University of Wyoming</u>		
Terry L. Deshler	2/7/00	2/18/00
Mark E. Hervig	8/20/99	9/30/99
Chris Kroger (Greece)	8/20/99	11/8/99
Elizabeth N. Sinclair	8/20/99	11/8/99
Lyle Womack	8/20/99	10/2/99
<b>AO-140-O</b>		
<u>University of Delaware</u>		
Lucio Piccirillo	10/26/99	1/3/00
Jodi A. Supanich	12/2/99	1/3/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BM-042-D</b>		
<u>University of Chicago</u>		
Peter T. Doran (Canada)	10/7/99	11/8/99
Jennifer L. Lawson	10/7/99	12/21/99
<b>BM-042-F</b>		
<u>Portland State University</u>		
Andrew G. Fountain	1/5/00	2/4/00
Robin R. Johnston	1/5/00	2/4/00
Thomas H. Nysten	10/19/99	2/1/00
Martyn Tranter (United Kingdom)	1/5/00	2/4/00
<b>BM-042-L</b>		
<u>University of Alabama</u>		
Peter Amati	11/8/99	12/14/99
William B. Lyons	12/31/99	1/20/00
Robert J. Poreda	12/31/99	1/20/00
Barbara E. Schulz	11/8/99	12/13/99
Kathleen A. Welch	11/14/99	2/13/00
<b>BM-042-M</b>		
<u>University of Colorado</u>		
Ethan Chatfield	11/8/99	1/31/00
Michael N. Gooseff	10/22/99	2/1/00
Jon P. Mason	12/4/99	1/13/00
Denise Steigerwald	12/6/99	1/10/00
<b>BM-042-P</b>		
<u>Montana State University, Bozeman</u>		
Christine M. Foreman	10/13/99	12/10/99
Renee S. La Croix	10/13/99	1/3/00
Nicole L. Tursich	10/13/99	1/13/00
Craig F. Wolf	10/13/99	1/13/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BM-042-V</b>		
<u>Dartmouth College</u>		
John E. Barrett	11/23/99	1/8/00
Kathleen G. Catapano	11/23/99	1/10/00
Ross A. Virginia	11/28/99	12/21/99
<b>BM-042-W</b>		
<u>Colorado State University</u>		
Steve Blecker	11/23/99	1/4/00
Andrew N. Parsons (United Kingdom)	11/23/99	1/4/00
Dorota Porazinska (Poland)	11/23/99	1/4/00
Diana H. Wall	11/28/99	12/28/99
<b>BO-004-O</b>		
<u>State University of New York at Stony Brook</u>		
Douglas G. Capone	1/5/00	1/20/00
Edward J. Carpenter	1/5/00	1/26/00
Maria P. Heredia (Chile)	1/4/00	1/31/00
Senji Lin (China)	1/4/00	1/31/00
<b>BO-005-M</b>		
<u>University of Illinois</u>		
Christina C. Cheng-Devries	11/23/99	12/22/99
Arthur L. De Vries	10/6/99	11/11/99
Kevin C. Hoefling	10/7/99	1/3/00
Andor J. Kiss (Canada)	10/7/99	12/16/99
Leonid Moroz (Belarus)	11/23/99	12/22/99
Nelyn E. Soto	10/22/99	12/22/99
Steven Stoddard	12/17/99	1/4/00
<b>BO-009-O</b>		
<u>University of Minnesota</u>		
Anja K. Brunet (Mexico)	10/7/99	1/3/00
Michael F. Cameron	10/7/99	12/14/99
Jennifer Degroot	10/7/99	12/22/99
Daniel H. Monson	10/7/99	11/19/99
Richard A. Reichle	11/8/99	12/5/99



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BO-017-O</b>		
<u>Texas A&amp;M University</u>		
Donald G. Calkins	10/7/99	11/24/99
Randall W. Davis	10/7/99	12/18/99
Lee A. Fuiman	10/25/99	12/18/99
William H. Hagey	10/7/99	11/24/99
Markus Horning (Germany)	10/19/99	11/29/99
Emma V. Roscow	10/1/99	12/14/99
Randolph C. Skrovan	10/1/99	12/14/99
Theresa M. Williams	10/19/99	12/13/99
<b>BO-025-O</b>		
<u>Montana State University, Bozeman</u>		
Giacomo R. Ditullio	11/18/99	12/21/99
Peter A. Lee (New Zealand)	10/19/99	12/22/99
John T. Lisle	11/18/99	12/21/99
John C. Priscu	11/18/99	12/20/99
Sarah F. Riseman	10/19/99	12/22/99
Valerie C. Sloane	11/18/99	12/22/99
Barbara C. Vaughn	11/18/99	12/20/99
<b>BO-031-O</b>		
<u>H.T. Harvey and Associates</u>		
David G. Ainley	12/4/99	2/1/00
Lisa T. Ballance	12/31/99	1/31/00
Grant Ballard (U.S. Virgin Islands)	12/4/99	2/1/00
Ian Gaffney	12/4/99	12/28/99
Britta D. Hardesty	12/14/99	1/13/00
Sacha Heath	12/4/99	1/31/00
Michelle M. Hester	12/4/99	2/1/00
Hannahrose M. Nevins	12/14/99	2/1/00
Gregory Spencer	12/14/99	1/13/00
Andre C. Willie	12/31/99	1/31/00
<b>BO-041-O</b>		
<u>Miami University</u>		
Joseph Shacat	12/21/99	1/13/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BO-043-O</b>		
<u>New York State Department of Health</u>		
Samuel S. Bowser	10/13/99	12/14/99
Douglas H. Coons	10/13/99	12/14/99
Susan T. Goldstein	10/30/99	11/29/99
Jan W. Pawlowski (Switzerland)	10/30/99	12/5/99
Neal W. Pollock (Canada)	10/13/99	12/7/99
William L. Stockton	10/13/99	12/14/99
Jeffrey L. Travis	10/13/99	12/13/99
<b>BO-044-O</b>		
<u>Desert Research Institute</u>		
Edward Adams	1/5/00	2/13/00
Julie D. Allen	12/23/99	2/18/00
Christian H. Fritsen	1/5/00	2/16/00
James A. Raymond	12/31/99	2/16/00
Julie R. Seidlinger	12/31/99	2/16/00
Frank J. Stewart	12/23/99	2/9/00
<b>BO-195-O</b>		
<u>Southern Illinois University</u>		
Laurie A. Achenbach	11/15/99	12/7/99
Jennifer R. Carey	11/15/99	12/7/99
Michael T. Madigan	11/15/99	12/7/99
<b>BO-197-O</b>		
<u>Scripps Institution of Oceanography</u>		
Andrea T. Knower	10/13/99	11/29/99
David H. Levenson	10/13/99	12/13/99
Gregory J. Marshall	11/8/99	12/5/99
Paul J. Ponganis	10/1/99	12/10/99
Robert P. Van Dam (Netherlands)	10/1/99	12/10/99
Timothy J. Welch	10/14/99	11/16/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BO-301-O</b>		
<u>University of Southern California</u>		
Eric Allen	1/7/00	2/4/00
Maria Altamirano (Spain)	1/7/00	2/4/00
Carol Arnosti	1/7/00	2/4/00
Gregorio Benavides	1/7/00	2/4/00
Heather Boyle	1/7/00	2/4/00
Brad Buckley	1/7/00	2/7/00
Lionel Camus	1/7/00	2/4/00
Susan Clearwater	1/7/00	2/4/00
Edward F. DeLong	1/7/00	1/20/00
Valerie Franck	1/7/00	2/4/00
Eric Gaidos	1/7/00	2/4/00
Lynda Goff	1/19/00	1/29/00
Erica Goldman	1/7/00	2/4/00
Joe Grzyski	1/7/00	2/4/00
Philip D. Harriman	1/7/00	2/4/00
Joseph Hoffman	1/7/00	2/4/00
Gretchen E. Hofmann	1/7/00	2/4/00
Yannick Huot	1/11/00	2/4/00
Wade H. Jeffrey	1/7/00	2/4/00
Deneb Karentz	12/23/99	2/4/00
Stacy L. Kim	12/29/99	2/9/00
Christian Knoblauch	1/7/00	2/4/00
Mary M. Lyons	1/5/00	2/7/00
Adam G. Marsh	1/7/00	2/4/00
Craig J. Marshall (New Zealand)	1/5/00	2/4/00
Thomas Matheson	1/7/00	2/4/00
Robert Maxson	1/5/00	1/29/00
Teresa M. Mc Lain	12/23/99	2/9/00
Teresa M. Mc Lain	10/6/99	12/14/99
Eli Meyer	1/5/00	2/9/00
Alison E. Murray	1/7/00	2/9/00
Charles A. Pickering	1/7/00	1/13/00
Scott Rifkin	1/7/00	2/4/00
Karin Romisch	1/7/00	2/4/00
Gerard Sellek	1/7/00	2/4/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Cecelia Sheridan	1/7/00	2/4/00
Monica Sole	1/7/00	2/4/00
Petra Visser	1/7/00	2/4/00
Kenia Whitehead	1/7/00	2/4/00
 <b>BO-310-O</b>		
<u>Princeton University</u>		
Julie Granger (Canada)	11/8/99	12/16/99
Sharon S. Harris	11/8/99	12/16/99
Maria T. Maldonado-Parev	11/8/99	12/16/99
Bess B. Ward	11/8/99	12/16/99
Mark L. Wells (Canada)	11/8/99	12/16/99
 <b>EO-318-O</b>		
<u>Geochemical &amp; Environmental Research Group</u>		
Dianna Alsup	12/14/99	1/20/00
Johnny Z. Hinton	12/14/99	1/17/00
Mahlon C. Kennicutt II	12/14/99	1/13/00
Andrew G. Klein	12/14/99	1/20/00
 <b>GF-088-O</b>		
<u>Colorado College</u>		
Alasdair N. Cain (United Kingdom)	10/30/99	11/29/99
Seth G. Cowdery	10/30/99	12/21/99
Michael J. Roberts (New Zealand)	10/30/99	12/20/99
Louis C. Sass, Iii	10/30/99	12/21/99
Christine H. Siddoway	10/30/99	12/18/99
John O. Stone	11/11/99	12/18/99
 <b>GF-121-O</b>		
<u>University of California</u>		
Andrea Donnellan	10/30/99	11/24/99
Thomas A. Rebold	10/30/99	11/19/99
Thomas A. Rebold	1/4/00	2/3/00
Mark A. Smith	1/4/00	2/3/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>GL-049-A</b>		
<u>Florida State University</u>		
Thomas R. Janecek	10/13/99	12/10/99
<b>GL-049-B</b>		
<u>The Ohio State University</u>		
Mauro Alberti (Italy)	10/20/99	12/14/99
Wojciech Majewski	10/16/99	12/7/99
Peter N. Webb	10/13/99	12/10/99
Sonia Sandroni	10/20/99	12/14/99
<b>GL-051-O</b>		
<u>University of Nebraska at Lincoln</u>		
Steve Bohaty	10/14/99	12/5/99
David M. Harwood	10/14/99	12/10/99
<b>GL-055-O</b>		
<u>University of Utah</u>		
Richard D. Jarrard	10/22/99	12/5/99
<b>GL-057-O</b>		
<u>University of Nebraska at Lincoln</u>		
David K. Watkins	11/11/99	12/7/99
Sherwood W. Wise, Jr.	11/11/99	12/10/99
<b>GL-070-O</b>		
<u>Ohio State University</u>		
Fulvia Aghib (Italy)	10/22/99	12/14/99
Michele Claps (Italy)	10/20/99	12/10/99
Lawrence A. Krissek	10/13/99	12/5/99
Massimo Pompilio (Italy)	10/16/99	1/3/00
Ross D. Powell (New Zealand)	10/16/99	12/5/99
Massimo Sarti	10/22/99	12/10/99
Franco Talarico	10/20/99	12/13/99
Marco Taviani	10/22/99	12/10/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>GL-075-O</b>		
<u>University of California at Davis</u>		
Fabio Florindo (Italy)	10/20/99	11/11/99
Adam H. Harris	10/20/99	11/26/99
Leonardo Sagnotti (Italy)	11/23/99	12/10/99
Alfredo Sorice (Italy)	10/20/99	12/10/99
Kenneth L. Verosub	11/8/99	11/24/99
<b>GL-079-O</b>		
<u>The Ohio State University</u>		
Shelley A. Judge	10/13/99	12/5/99
Timothy S. Paulson	10/13/99	11/29/99
Ghodrat Rafat (Germany)	10/13/99	10/18/99
Terry J. Wilson	10/13/99	12/5/99
Rosemary A. Askin (New Zealand)	10/16/99	12/7/99
Simone Galeotti (Italy)	11/11/99	12/10/99
Bruce G. Smith	10/16/99	12/5/99
John H. Wrenn	10/14/99	12/7/99
<b>GO-014-O</b>		
<u>Southern Methodist University</u>		
Brian K. Banks	11/28/99	12/22/99
Woodward W. Fischer	11/15/99	12/22/99
John W. Goodge	11/15/99	12/22/99
Paul M. Myrow	11/15/99	12/22/99
Shaun Norman (United Kingdom)	11/11/99	12/22/99
Shaun Norman (United Kingdom)	1/7/00	1/31/00
Michael C. Pope	11/28/99	12/22/99
<b>GO-041-O</b>		
<u>University of Wisconsin</u>		
Bonnie J. Bratina	12/23/99	1/17/00
Kathryn L. Green	12/21/99	1/6/00
William J. Green	12/21/99	1/6/00
Vincente E. Trussoni	12/23/99	1/17/00
Jason M. Vollenweider	12/23/99	1/17/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>GO-052-M</b>		
<u>United States Geological Survey</u>		
Jane Ferrigno	1/14/00	2/1/00
Robert P. Glover	12/12/99	2/7/00
Cheryl A. Hallam	1/7/00	2/7/00
Larry D. Hothem	12/12/99	1/26/00
Bradish F. Johnson	11/28/99	2/7/00
Jerry L. Mullins	1/14/00	2/7/00
Roger L. Payne	1/25/00	2/7/00
Merrin Pearse (New Zealand)	11/28/99	1/20/00
Michael J. Willis (United Kingdom)	12/4/99	1/31/00
<b>GO-054-O</b>		
<u>Boston University</u>		
Adam R. Lewis	12/14/99	1/13/00
David R. Marchant	12/14/99	1/10/00
Jeffrey K. Marchant	12/14/99	1/11/00
Jane K. Willenbring	12/14/99	1/11/00
<b>GO-056-O</b>		
<u>Johns Hopkins University</u>		
Riley E. Flanagan-Brown	12/22/99	1/29/00
Bruce D. Marsh	12/31/99	1/26/00
Karina Zavala	12/22/99	1/26/00
Michael J. Zieg	12/22/99	1/29/00
<b>GO-058-O</b>		
<u>Case Western Reserve University</u>		
Philip A. Bland (United Kingdom)	11/23/99	1/10/00
Henning Haack (Denmark)	11/23/99	1/8/00
Ralph P. Harvey	11/23/99	12/20/99
Rene R. Martinez	11/23/99	12/21/99
Peter Pesch	11/23/99	1/10/00
Kevin Righter	11/23/99	1/10/00
John W. Schutt	11/9/99	2/7/00
Anderas S. Weigel (Switzerland)	11/23/99	1/15/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>GO-059-O</b>		
<u>Carnegie Mellon University</u>		
Stewart J. Moorehead	1/4/00	2/7/00
Liam Pederson (South Africa)	1/4/00	2/7/00
Benjamin N. Shamah	12/21/99	2/7/00
Kimberly J. Shillcut	12/21/99	2/7/00
Mark R. Sibenac	12/21/99	2/7/00
Michael Wagner	1/2/00	2/7/00
<b>GO-063-O</b>		
<u>University of New Hampshire</u>		
Hans O. Fredin (Sweden)	10/30/99	12/5/99
Jennifer L. Horsman	10/30/99	12/5/99
Michael L. Prentice	10/30/99	12/5/99
<b>GO-074-O</b>		
<u>Augustana College</u>		
David M. Buchanan	11/9/99	12/14/99
James W. Collinson	11/15/99	12/4/99
William R. Hammer	11/15/99	12/5/99
William J. Hickerson, Jr.	11/9/99	12/10/99
David H. Elliott	12/2/99	12/20/99
<b>GO-078-A</b>		
<u>GSP Company</u>		
Donald Byrd	10/19/99	12/28/99
Roberto De Los Santos	11/8/99	12/13/99
Jason M. Motyka	10/13/99	12/5/99
Kenneth W. Oliver	10/25/99	1/29/00
Jeffery C. Roberts	10/19/99	11/8/99
<b>GO-081-O</b>		
<u>New Mexico Tech</u>		
Richard C. Aster	11/18/99	12/16/99
Lorraine N. Barstow	11/11/99	12/16/99
Jessie L. Crain	11/11/99	12/28/99
Jeffrey B. Johnson	11/11/99	12/5/99
Jeffrey B. Johnson	1/14/00	1/31/00



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Philip R. Kyle	11/11/99	12/21/99
Jean P. Roberts	11/11/99	12/28/99
Lois J. Wardell	11/11/99	12/28/99
 <b>GO-082-O</b>		
<u>Jet Propulsion Laboratory</u>		
Steve P. Labrecque	1/14/00	2/4/00
 <b>GO-096-O</b>		
<u>Hamilton College</u>		
James A. Blake	1/7/00	2/4/00
 <b>GO-180-O</b>		
<u>University of Alabama</u>		
Peter G. Burkett	10/25/99	11/26/99
Donald E. Voigt	10/25/99	11/26/99
 <b>GO-295-O</b>		
<u>UNAVCO/UCAR</u>		
Bjorn L. Johns	1/21/00	2/1/00
Bjorn L. Johns	10/14/99	12/16/99
William S. Reeder	11/15/99	1/17/00
 <b>GO-306-O</b>		
<u>University of Texas at Austin</u>		
Steffen Saustrup	11/15/99	12/21/99
 <b>GS-098-O</b>		
<u>University of Texas at Austin</u>		
Torry L. Akins	1/19/00	1/31/00
Donald D. Blankenship	11/15/99	11/24/99
Donald D. Blankenship	1/19/00	1/31/00
Massimo Chiappini (Italy)	11/11/99	12/20/99
Laura M. Connor	11/8/99	12/21/99
Fawzi Doumaz (Italy)	11/11/99	12/28/99
Benjamin T. Farrow	10/30/99	2/3/00
John S. Gerboc	10/30/99	1/29/00
Kenneth H. Griffiths	10/16/99	12/10/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
John W. Holt	10/22/99	2/3/00
Effie L. Jarrett	10/30/99	2/1/00
Scott D. Kempf	10/22/99	12/7/99
Lena Krutikov	10/19/99	2/7/00
Victoria E. Langenheim	11/15/99	12/21/99
Mark Maybee	1/19/00	1/31/00
Martha Mcconnell	10/30/99	1/20/00
David L. Morse	11/15/99	11/24/99
David L. Morse	12/29/99	2/1/00
Alina Moussessian	1/19/00	1/31/00
Matthew E. Peters	12/31/99	2/7/00
Geoffrey A. Phelps	12/22/99	1/20/00
Margaret E. Smith	10/30/99	1/29/00
Martha H. Young	10/16/99	1/17/00

**II-152-O**

Desert Research Institute

Gregg W. Lamorey	11/11/99	12/16/99
Richard M. Redd	11/11/99	12/21/99

**II-171-O**

University of Washington

Gary D. Clow	11/14/99	1/13/00
Robert L. Hawley	11/14/99	1/13/00

**IO-151-O**

New Mexico Institute of Mining

Kevin Carpenter	11/15/99	12/21/99
Nelia W. Dunbar	11/15/99	1/13/00
Richard P. Esser	11/15/99	1/13/00
William C. McIntosh	11/15/99	1/13/00
Daniel T. Voisin	11/15/99	12/21/99
Gregory A. Zielinski	11/15/99	12/21/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>IO-164-O</b>		
<u>University of Alaska at Fairbanks</u>		
William D. Harrison (Canada)	11/21/99	12/18/99
Eric W. Husmann	11/23/99	12/14/99
Mark Zumberge	11/23/99	12/16/99
IO-168-O		
<u>The Pennsylvania State University</u>		
Richard K. Campen	11/11/99	12/14/99
Sarah B. Das	11/11/99	12/14/99
<b>IO-169-O</b>		
<u>The Ohio State University</u>		
Peter Braddock (New Zealand)	1/7/00	1/31/00
Vandy B. Spikes	11/28/99	12/16/99
Vandy B. Spikes	1/7/00	1/31/00
Leigh A. Stearns	11/28/99	12/16/99
Leigh A. Stearns	1/7/00	1/31/00
<b>IO-173-O</b>		
<u>National Aeronautics and Space Administration</u>		
Stephen F. Price	1/4/00	1/31/00
Patricia L. Vornberger	1/4/00	1/31/00
<b>IO-196-O</b>		
<u>University of Maine at Orono</u>		
Brenda L. Hall	11/15/99	12/16/99
Christie H. Hendy (New Zealand)	11/15/99	12/16/99
<b>IS-166-O</b>		
<u>The Ohio State University</u>		
Beata M. Csatho (Hungary)	12/29/99	1/20/00
<b>IU-153-A</b>		
<u>University of New Hampshire</u>		
Steven A. Arcone	11/8/99	12/18/99
Tyler S. Cruickshank	10/30/99	12/20/99
Allan J. Delaney	11/8/99	12/5/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Michael Gerasimoff (Canada)	10/30/99	12/21/99
Robert W. Jacobel	11/8/99	12/18/99
Paul A. Mayewski	10/30/99	12/18/99
Joseph M. Souney	10/30/99	12/18/99
Mark S. Twickler	10/30/99	12/20/99
Norbert E. Yankielun	11/8/99	12/20/99
 <b>IU-178-O</b>		
<u>The Ohio State University</u>		
Gordon S. Hamilton (United Kingdom)	11/8/99	12/18/99
Gordon S. Hamilton (United Kingdom)	1/7/00	1/31/00
 <b>OO-202-O</b>		
<u>University of Wisconsin at Madison</u>		
Matthew A. Lazzara	12/31/99	1/20/00
 <b>OO-257-O</b>		
<u>National Oceanic and Atmospheric Administration</u>		
Geoffrey S. Dutton	2/1/00	2/9/00
David J. Hofmann	12/23/99	1/4/00
 <b>OO-263-O</b>		
<u>University of Alaska at Fairbanks</u>		
Wendy M. Ehnert (off Polar Star)		12/28/99
Joseph L. Sheedy (off Polar Star)		1/6/00
William C. Wyatt (off Polar Star)		12/29/99
 <b>OO-283-M</b>		
<u>University of Wisconsin</u>		
John J. Cassano	1/5/00	1/31/00
Robert E. Holmes	11/15/99	12/7/99
Christopher A. Shuman	1/7/00	1/26/00
Jason L. Vandervest	12/31/99	2/13/00
 <b>OO-257-O</b>		
<u>NOAA</u>		
Joel T. Michalski (winterover #)	10/25/98	11/8/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>TA-150-A</b>		
<u>University of Nebraska at Lincoln</u>		
Mark H. Albershardt	11/14/99	12/16/99
John F. Rhoades	11/11/99	2/9/00
<b>TI-150-B</b>		
<u>University of Nebraska at Lincoln</u>		
John D. Giles	10/30/99	1/31/00
<b>TO-312-O</b>		
<u>Scripps Institution of Oceanography</u>		
Steve Hart	2/1/00	2/9/00
<b>TO-513-O</b>		
<u>Biospherical Instruments, Inc.</u>		
Gerhard H. Bernhard	1/14/00	2/9/00
James C. Ebrahimian	1/30/00	2/9/00

### **South Pole Station Area**

<b>AA-130-O</b>		
<u>University of Wisconsin</u>		
Gilles R. Barouch (France)	12/29/99	2/13/00
Steven W. Barwick	1/5/00	2/16/00
Karl-Heinz Becker	1/21/00	2/16/00
David Besson	12/15/99	1/4/00
Adam Bouchta (Sweden)	12/6/99	1/13/00
Mark S. Bowen	11/18/99	12/22/99
Michael M. Boyce (winterover) (Canada)	12/14/99	
Alan L. Chen	11/14/99	1/8/00
Dmitry A. Chirkin (Russia)	1/21/00	2/16/00
Douglas Cowen	12/14/99	1/10/00
Carlos P. De Los Heros (Spain)	12/12/99	1/10/00
Paolo Desiati (Italy)	1/5/00	2/16/00
Jean-Paul W. Dewulf (Belgium)	12/14/99	1/10/00
Tyce R. Deyoung	1/11/00	2/16/00
Ryan B. Dyer	12/14/99	12/22/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Joakim Edsjo	1/14/00	2/16/00
Azriel Goldschmidt	1/30/00	2/13/00
Heiko Haase	1/7/00	2/13/00
Rellen R. Hardtke	1/26/00	2/16/00
Marc Hellwig (Germany)	1/14/00	2/16/00
Gary C. Hill (Australia)	12/4/99	1/31/00
John E. Jacobsen	1/21/00	2/16/00
Charlotta A. Jarnmark (Sweden)	11/18/99	2/3/00
Jonas Kalin (Sweden)	11/18/99	2/3/00
Albrecht Karle (Germany)	11/23/99	1/6/00
John Kim	1/26/00	2/16/00
Bruce R. Koci	11/8/99	1/18/00
Ilia V. Kravchenko (United Kingdom)	12/22/99	1/4/00
Kuno Lechner (Germany)	12/17/99	1/11/00
Holger Leich (Germany)	1/14/00	2/13/00
Par T. Lindahl (Sweden)	11/15/99	12/14/99
Joszef Ludvig	12/21/99	2/1/00
Pawel J. Marciniowski (Sweden)	1/7/00	2/3/00
Charles P. Mcparland	1/5/00	2/9/00
Predrag Miocinovic (Croatia)	11/8/99	12/28/99
Robert M. Morse	11/8/99	12/7/99
Till Neunhoefffer (Germany)	12/14/99	1/17/00
Anders K. Pettersson (Sweden)	11/8/99	2/3/00
Gerald Przybylski	1/4/00	1/20/00
Katherine Rawlins	12/4/99	1/13/00
David W. Ross	12/14/99	1/17/00
Torsten Schmidt (Germany)	12/23/99	1/31/00
Darryn A. Schneider (winterover)	10/20/99	
Robert K. Schwarz (Germany)	11/23/99	2/1/00
Ekkehard Sieker (Germany)	12/17/99	1/11/00
Michael Solarz	11/23/99	1/20/00
Christian Spiering (Germany)	12/17/99	1/4/00
Peter Steffen (Germany)	11/15/99	12/21/99
Robert G. Stokstad	12/12/99	1/18/00
Ignacio F. Taboada (Venezuela)	11/15/99	12/21/99
Muriel Vanderdonckt (Belgium)	11/9/99	12/14/99
Christopher H. Wiebusch (Germany)	11/8/99	12/7/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Ralf-Peter Wischnewski (Germany)	1/7/00	2/16/00
Kurt W. Woschnagg (Austria)	11/28/99	1/13/00
Scott M. Young	1/7/00	2/9/00
 <b>AC-370-O</b>		
<u>University of Chicago</u>		
Steve Butler	1/19/00	1/29/00
Randall H. Landsberg	1/19/00	1/29/00
David R. Pernic	11/14/99	12/16/99
David R. Pernic (winterover)	1/19/00	
Robert J. Pernic	10/30/99	12/10/99
Robert J. Pernic	1/14/00	2/13/00
Joseph E. Rottman	11/11/99	12/16/99
Robert J. Spatz	12/14/99	1/18/00
 <b>AC-371-O</b>		
<u>University of Chicago</u>		
Thomas M. Bania	1/19/00	2/1/00
Urs U. Graf (Germany)	1/5/00	1/17/00
Maohai Huang (China)	12/21/99	1/4/00
James M. Jackson	11/23/99	12/10/99
Jacob W. Kooi	1/21/00	2/9/00
Rodney Marks (Australia)	11/8/99	1/6/00
Rodney Marks (Australia) (winterover)	1/19/00	
Roopesh Ojha (India)	11/2/98	11/24/99
Antony A. Stark	12/14/99	1/31/00
Gregory A. Wright	12/14/99	1/6/00
 <b>AC-372-O</b>		
<u>University of Chicago</u>		
Brett A. McLindin (Australia)	1/4/00	2/1/00
Michael A. Phillips (New Zealand)	1/5/00	2/1/00
John W. Storey (Australia)	1/14/00	1/26/00
Ralph S. Sutherland (Australia)	1/21/00	2/9/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>AC-373</b>		
<u>University of Chicago</u>		
John E. Carlstrom	12/4/99	12/21/99
John E. Carlstrom	1/19/00	2/16/00
Gene Davidson	11/28/99	1/4/00
Gene Davidson (winterover)	1/25/00	
Jessica Dempsey	1/4/00	1/29/00
Mark W. Dragovan	12/17/99	12/28/99
Jon Everett	2/2/00	2/16/00
Nils W. Halvorsen	11/15/99	2/16/00
Bill Holzapfel	12/21/99	1/13/00
John M. Kovac	12/29/99	2/16/00
Clement L. Pryke	12/9/99	2/16/00
Jill Rathborne	1/14/00	1/26/00
Ethan D. Schartman	12/9/99	2/13/00
John K. Yamasaki (winterover)	1/4/00	
<b>AC-374-O</b>		
<u>Carnegie-Mellon University</u>		
Robert F. Loewenstein	11/8/99	12/5/99
Matthew G. Newcomb	10/30/99	12/13/99
Michael O' Kelly	12/31/99	1/13/00
Nigel A. Sharp (United Kingdom)	11/8/99	11/16/99
Mark T. Thoma	11/23/99	12/16/99
Mark B. Vincent	10/29/99	11/14/99
Michael C. Vincent	11/23/99	12/13/99
Michael C. Vincent	1/14/00	2/9/00
<b>AC-375-O</b>		
<u>Northwestern University</u>		
David T. Chuss	10/30/99	11/16/99
David T. Chuss	1/21/00	1/31/00
Michael Daub	12/31/99	1/13/00
Jonathan Goldstein	11/8/99	11/20/99
Jonathan Goldstein	12/21/99	1/13/00
Gregory S. Griffin	11/14/99	2/1/00
Jennifer Marshall	2/1/00	2/16/00
Dale Morgan	12/17/99	2/16/00



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Giles A. Novak	1/25/00	2/17/00
Giles A. Novak	10/30/99	11/19/99
Jeffrey B. Peterson	12/31/99	1/26/00
John E. Ruhl	12/31/99	1/13/00
 <b>AO-108-O</b>		
<u>Stanford University</u>		
Michael W. Chevalier	12/12/99	12/22/99
 <b>AO-109-O</b>		
<u>University of Delaware</u>		
Greg J. Forte	11/28/99	12/28/99
Glenn M. Spiczak	11/28/99	12/10/99
 <b>AO-110-O</b>		
<u>University of Washington</u>		
Eric W. Deutsch	1/21/00	2/3/00
Kerry A. Deutsch	1/21/00	2/3/00
 <b>AO-111-O</b>		
<u>University of Maryland</u>		
Larry F. Lutz	12/12/99	12/21/99
 <b>AO-117-O</b>		
<u>National Institute of Polar Research-Japan</u>		
Masaki Okada (Japan)	11/8/99	11/16/99
Yasukazu Suzuki (Japan)	11/8/99	11/16/99
 <b>AO-126-O</b>		
<u>NASA/Goddard Space Flight Center</u>		
Sergei Dolgy	12/4/99	12/21/99
Jonathan A. Rall	1/30/00	2/13/00
 <b>AO-127-O</b>		
<u>University of Illinois</u>		
Xinzhao Chu (China)	11/23/99	2/7/00
Ashraf Eldakroui (winterover)	11/28/99	

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Chester S. Gardner	1/19/00	1/29/00
Weilin Pan	11/23/99	12/22/99
George C. Papen	11/23/99	12/7/99
 <b>AO-138-O</b>		
<u>State University of New York</u>		
Curtis Trimble	1/14/00	1/20/00
 <b>GO-090-O</b>		
<u>Incorporated Research Institute</u>		
Kent Anderson	10/30/99	11/19/99
Neil D. Ziegleman	10/30/99	11/19/99
 <b>OO-201-O</b>		
<u>University of Washington</u>		
Richard E. Brandt	12/4/99	1/13/00
Timothy F. Rahmes	1/7/00	2/13/00
Penny M. Rowe	12/21/99	2/13/00
James Spinhirne	12/4/99	12/22/99
Von P. Walden	12/21/99	1/26/00
Stephen G. Warren	12/4/99	2/13/00
 <b>OO-257-O</b>		
<u>National Oceanic and Atmospheric Administration</u>		
Andrew D. Clarke	2/1/00	11/8/99
Bradley C. Halter	10/20/99	2/7/00
Donald H. Neff (winterover)	10/20/99	
Samuel J. Oltmans	12/4/99	12/13/99
Russ Schnell	12/14/99	12/21/99
Norman B. Wood	12/21/99	12/29/99
 <b>OO-324-O</b>		
<u>The University of Arizona</u>		
Roger C. Bales	10/30/99	11/19/99
Jay D. Kyne	10/30/99	12/18/99
Joseph R. Mcconnell	10/30/99	11/19/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>AA-130-O</b>		
<u>University of Wisconsin</u>		
Xinhua Bai	11/16/99	1/11/00
Julio C. Martino (Sweden)	1/11/00	2/9/00
Nikolai A. Starinski (Ukraine)	10/29/99	11/16/99
<b>S-132A</b>		
<u>University of Chicago</u>		
John Davis (winterover #)	1/15/99	11/9/99
<b>S-132E</b>		
<u>University of Chicago</u>		
Charles D. Kaminski (winterover #)	11/2/98	11/20/99
<b>BE-309-O</b>		
<u>University of Minnesota</u>		
Thomas S. Gelatt	11/8/99	12/14/99
Thomas S. Gelatt	12/20/99	2/17/00
<b>BM-042-D</b>		
<u>University of Chicago</u>		
Carrie A. Olsen	10/7/99	12/21/99
<b>GO-096-O</b>		
<u>Hamilton College</u>		
Matthew G. Curren	10/14/99	12/5/99

### **Palmer Station Area**

<b>BO-022-0</b>	
<u>University of Alabama</u>	
Bruce Franklin Furrow	03/07/00
Charles D. Amsler, Jr.	03/07/00
Billy J. Baker	03/07/00
Joanna M. Hubbard	03/07/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Katrin B. Iken (Germany)	03/07/00	
Andrew R. Mahon	03/07/00	
James B. McClintock	03/07/00	
 <b>BO-037-O</b>		
<u>Northeastern University</u>		
Steven Hann (Australia)	03/24/99	06/29/99
William H. Detrich	03/24/99	05/31/99
 <b>BO-050-O</b>		
<u>Scripps Institution of Oceanography</u>		
James A. Schmitt	10/28/99	11/13/99
Anne A. Sturz	10/28/99	11/13/99
Anne A. Sturz	02/08/00	02/24/00
Alfred H. Uhlman	10/28/99	11/13/99
 <b>BO-200-O</b>		
<u>University of West Florida</u>		
Jennifer Fritz	10/12/99	12/10/99
Jason P. Kase	09/16/99	12/10/99
David L. Mitchell	10/28/99	12/10/99
Joseph D. Pakulski	09/16/99	01/29/00
Jill A. Peloquin	10/12/99	12/10/99
 <b>BO-267-O</b>		
<u>University of California</u>		
Michael Goebel	10/28/99	12/10/99
 <b>BO-279-O</b>		
<u>University of California</u>		
Paolino Ricchiazzi	10/28/99	12/10/99
 <b>BO-303-O</b>		
<u>University of Hawaii</u>		
Timothy J. Ferrero (United Kingdom)	11/25/99	12/10/99
Timothy J. Ferrero (United Kingdom)	03/07/00	03/22/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Elizabeth A. Galley (United Kingdom)	11/25/99	12/10/99
Elizabeth A. Galley (United Kingdom)	03/07/00	03/22/00
Sarah L. Mincks	11/25/99	12/10/99
<b>BP-013-O</b>		
<u>University of California</u>		
Erik W. Chapman	10/12/99	02/24/00
Peter A. Duley	10/12/99	01/29/00
Donna L. Patterson	12/19/99	current
<b>BP-028-O</b>		
<u>University of California</u>		
Laurel A. Coe	01/06/00	
<b>BP-032-0</b>		
<u>University of California</u>		
Natcacha B. Bernier (Canada)	03/07/00	
<b>S-036</b>		
<u>University of Maine</u>		
Theresa Grove	03/24/99	06/29/99
<b>BE-198-D</b>		
<u>National Marine Mammal Laboratory</u>		
Timothy A. Newberger	06/14/99	07/12/99
<b>BO-046-O</b>		
<u>University of California</u>		
Dale Hebel	06/14/99	07/12/99
<b>BP-016-O</b>		
<u>University of California</u>		
Brian Bradshaw	06/14/99	07/12/99
<b>BP-021-O</b>		
<u>University of California</u>		
Douglas H. Martinson	06/14/99	07/12/99
David W. Menzies	06/14/99	07/12/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BP-028-O</b>		
<u>University of California</u>		
Jared Kneebone	06/14/99	07/12/99
<b>BP-046-O</b>		
<u>University of California</u>		
David Karl	06/14/99	07/12/99
Angela Thomson-Bulldis	06/04/99	07/12/99
<b>BP-016-O</b>		
<u>Scripps Institution of Oceanography</u>		
Irene Garibotti (Argentina)	06/14/99	07/12/99
<b>BP-032-O</b>		
<u>University of California</u>		
Jinro Ukita (Japan)	06/04/99	07/12/99

**R/V NATHANIEL B. PALMER**

<b>BE-032-O</b>		
<u>University of California</u>		
Marilyn Koski	12/24/99	current
<b>BE-198-A</b>		
<u>National Marine Mammal Lab</u>		
Jaqueline Ackley	12/24/99	current
Stephen Ackley	12/24/99	current
Jose L. Ardaí, Jr.	04/19/99	05/08/99
Jose L. Ardaí, Jr.	12/24/99	04/09/99
John Bengtson	12/24/99	current
Peter L. Boveng	12/24/99	current
Michael F. Cameron	12/24/99	current
Joseph Donnelly	12/24/99	current
Bradley Hanson	12/24/99	current
Gerald Kooyman	12/24/99	current
Jeffrey L. Laake	12/24/99	current

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Suzanne H. O'Hara	04/19/99	05/08/99
Suzanne H. O'Hara	12/24/99	03/29/00
Suzanne H. O'Hara		04/09/99
Christina Simoniello	12/24/99	current
Joseph J. Torres	12/24/99	current
<b>BE-198-B</b>		
<u>Department of Marine Science: USF</u>		
Kendra Daly	12/24/99	current
Tracey T. Sutton	12/24/99	current
<b>BE-198-C</b>		
<u>Columbia University</u>		
Matthew E. Ackley	12/24/99	current
<b>BE-198-D</b>		
<u>University of California</u>		
James Flaherty	06/14/99	07/12/99
James Flaherty	12/24/99	current
Timothy A. Newberger	12/24/99	current
Langdon B. Quetin	12/24/99	current
Joshua J. Schneider	12/24/99	current
Jennifer A. White	06/04/99	07/12/99
Jennifer A. White	12/24/99	current
<b>BE-199-O</b>		
<u>University of Alaska</u>		
Michael A. Castellini	12/24/99	current
Tamara L. Mau	12/24/99	current
Stephen Trumble	12/24/99	current
<b>BE-309-O</b>		
<u>University of Minnesota</u>		
Corey Davis (Canada)	12/24/99	current
Thomas Gelatt	12/24/99	current
Donald B. Siniff	12/24/99	current
Ian G. Stirling (Canada)	12/24/99	current

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BO-009-O</b>		
<u>University of Minnesota</u>		
Brent S. Stewart	12/24/99	current
Pamela K. Yochem	12/24/99	current
<b>BO-050-O</b>		
<u>University of California</u>		
Gary Klinkhammer	04/19/99	05/08/99
<b>BP-013-O</b>		
<u>Montana State University</u>		
Peter A. Duley	06/14/99	07/12/99
<b>BP-016-O</b>		
<u>Scripps Institution of Oceanography</u>		
Martha Ferrario (Argentina)	06/14/99	07/12/99
Maria Vernet (Argentina)	06/04/99	07/12/99
Marnie J. Zirbel	06/04/99	07/12/99
<b>BP-028-O</b>		
<u>University of California</u>		
Stephanie A. Oakes	06/04/99	07/12/99
Caroline T. Shaw	06/04/99	07/12/99
<b>BP-032-O</b>		
<u>University of California</u>		
Michael Colee	06/14/99	07/12/99
Domique Sonier (France)	06/04/99	07/12/99
Sharon E. Stammer-John	06/04/99	07/12/99
<b>BP-046-O</b>		
<u>University of Hawaii</u>		
Karin Bjorkman (Sweden)	06/14/99	07/12/99
Christopher Carrillo	06/14/99	07/12/99
Lance Fujieki	06/14/99	07/12/99



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>GO-072-A</b>		
Stefanie A. Brachfeld	03/30/99	04/09/99
Katherine H. Clarke	03/30/99	04/09/99
Eugene W. Domack	03/30/99	04/09/99
Gunella Gustavsson(Sweden)	03/30/99	04/09/99
Patricia L. Manley	03/30/99	04/09/99
Alissa Maxwell	12/24/99	current
Alissa C. Maxwell	03/30/99	04/09/99
Patrick D. Reynolds	03/30/99	04/09/99
Fiona Taylor (Australia)	03/30/99	04/09/99
David A. Tewksbury	03/30/99	04/09/99
Tara E. Woolford	03/30/99	04/09/99
<b>GO-096-O</b>		
<u>Hamilton College</u>		
Robert B. Dunbar	03/30/99	04/09/99
Amy R. Leventer	03/30/99	04/09/99
Patrick J. Shore (Canada)	05/16/99	06/03/99
<b>OR-216-A</b>		
<u>Rice University</u>		
Robert Dunn	03/30/99	04/09/99
David A. Mucciarone	03/30/99	04/09/99
<b>OR-216-F</b>		
<u>Colgate University</u>		
Amy Laventer	03/30/99	04/09/99
<b>BO-016-O</b>		
<u>Scripps Institution of Oceanography</u>		
David E. Hamm	06/14/99	07/12/99
<b>BP-028-O</b>		
<u>University of California</u>		
Quentin Langdon	06/04/99	07/12/99
Matthew E. Scott	06/04/99	07/12/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>S-060</b>		
<u>Oregon State University</u>		
Katherine H. BrooksForce	04/19/99	05/08/99
Carol Chin	04/19/99	05/08/99
Anke Dahlman (Germany)	04/19/99	05/08/99
Susan Klinkhammer	04/19/99	05/08/99
Charolotte Meredith	04/19/99	05/08/99
John Prins	04/19/99	05/08/99
Jens Sahling	04/19/99	05/08/99
Geraldine Sarthou (France)	04/19/99	05/08/99
Cara Wilson	04/19/99	05/08/99
Shawn Beightol	04/19/99	05/08/99
Frank Bussell	04/19/99	05/08/99
Randall Keller	04/19/99	05/08/99
Volker Nuppenau (Germany)	04/19/99	05/08/99
Sven Peterson (Germany)	04/19/99	05/08/99
John Simpkins	04/19/99	05/08/99
Franz Smith	04/19/99	05/08/99
<b>GO-097-O</b>		
<u>Washington University</u>		
Orlando Oteiza (Chile)	05/16/99	06/03/99
Maurico Riquelme (Chile)	05/16/99	06/03/99
Pavlo Krushenitskiy (Ukraine)		06/03/99
<b>S-135</b>		
Leroy Dorman	05/16/99	06/03/99
Sharon Escher	05/16/99	06/03/99
Nancy M. Kanjorski	05/16/99	06/03/99
Lucie Pautet (France)	05/16/99	06/03/99
Allan W. Sauter	05/16/99	06/03/99

**RV LAURENCE M. GOULD**

**Dates in Antarctica**  
**Arrived**      **Departed**

**AO-106-O**

Stanford University

Claudia Giulivi (Argentina)

03/24/99      04/20/99

Troy Wood

03/24/99      04/20/99

**BO-036-O**

Stanford University

Theresa Gove

03/24/99      05/31/99

Bruce D. Sidell

03/24/99      05/31/99

**BO-037-O**

Northeastern University

Donald A. Yergeau

03/24/99      04/20/99

Donald A. Yergeau

06/09/99      06/29/99

**BO-040-O**

NOAA

Katarzyna J. Salwicka (Poland)

02/08/00

**BO-050-O**

Scripps Institution of Oceanography

Roberta J. Baldwin

10/28/99      11/13/99

Roberta J. Baldwin

02/08/00      02/24/00

Andrea Bruemmer

10/28/99      11/13/99

David Donaldson

10/28/99      11/13/99

Erin C. Fisher

10/28/99      11/13/99

Erin C. Fisher

02/08/00      02/24/00

Robert C. Glatts

10/28/99      11/13/99

Robert C. Glatts

02/08/00      02/24/00

Loren Haury

02/08/00      02/24/00

Paige Jennings

10/28/99      11/13/99

Katrina Kendall

02/08/00      02/24/00

Jeffrey Pawelek

02/08/00      02/24/00

Wayne D. Pawelek

10/28/99      11/13/99

Wayne D. Pawelek

02/08/00      02/24/00

Kenneth L. Smith

10/28/99      11/13/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Kenneth L. Smith	02/08/00	02/24/00
Alfred H. Uhlman	02/08/00	02/24/00
Jan Vlcek	02/08/00	02/24/00
Robert C. Wilson	10/28/99	11/13/99
Robert C. Wilson	02/08/00	02/24/00
Barbara V. Ziegler	02/08/00	02/24/00
 <b>BO-200-O</b>		
<u>University of West Florida</u>		
Wade Jeffrey	09/16/99	10/18/99
Karen E. McCrery	12/19/99	01/29/00
Jarah A. Meador	10/12/99	01/29/00
 <b>BO-267-O</b>		
<u>University of California</u>		
Matthew R. Ruitishauser	10/28/99	12/10/99
 <b>BO-279-O</b>		
<u>University of California</u>		
Dan Lubin	12/19/99	01/29/00
Allison M. Payton	10/28/99	12/10/99
 <b>BO-300-O</b>		
<u>Woods Hole Oceanographic Institution</u>		
Donald A. Anderson	03/24/99	04/20/99
Pamela Arnofsky	03/24/99	04/20/99
Gregory Doucette	03/24/99	04/20/99
David M. Kulis	03/24/99	04/20/99
 <b>BO-301-O</b>		
<u>University of Southern California</u>		
Craig J. Marshall (New Zealand)	04/30/99	05/31/99
 <b>BO-303-O</b>		
<u>University of Hawaii</u>		
Amy Baco-Taylor	11/25/99	12/10/99
Maria C. Baker (United Kingdom)	03/07/00	03/22/00
Bryce G. Glaser	03/07/00	03/22/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Amanda Jones	11/25/99	12/10/99
Sarah L. Mincks	03/07/00	03/22/00
Nicola J. Mitchell (United Kingdom)	11/25/99	12/10/99
Nicola J. Mitchell (United Kingdom)	03/07/00	03/22/00
Jane C. Roberts	03/07/00	03/22/00
Craig R. Smith	11/25/99	12/10/99
Craig R. Smith	03/07/00	03/22/00
Stephanie B. Suhr (Germany)	11/25/99	12/10/99
Stephanie B. Suhr (Germany)	03/07/00	03/22/00
Paulo Yukio Gomes Sumida (Brazil)	11/25/99	12/10/99
Paulo Yukio Gomes Sumida (Brazil)	03/07/00	03/22/00

**BO-313-O**

North Carolina State University

William F. Alden	03/07/00	03/22/00
Susan Boehme	11/25/99	12/10/99
David DeMaster	11/25/99	12/10/99
David J. DeMaster	03/07/00	03/22/00
Adrian G. Glover (United Kingdom)	03/07/00	03/22/00
Hilairy E. Hartnett	03/07/00	03/22/00
Mark A. McClintic	11/25/99	12/10/99
Mark A. McClintic	03/07/00	03/22/00
Pamela Price	11/25/99	12/10/99
Carrie J. Thomas	11/25/99	12/10/99
Carrie J. Thomas	03/07/00	03/22/00
Michele L. Rosenshield	10/12/99	02/24/00

**BP-016-O**

Scripps Institution of Oceanography

Meghan A. Duffy	01/06/00	01/29/00
Jill C. Glass	10/28/99	01/29/00
Wendy A. Kozlowski	01/06/00	01/29/00
Maria Vernet Basualdode (Argentina)	01/06/00	01/29/00
Veronica L. Vigilant	01/06/00	01/29/00

**BP-021-O**

Columbia University

David W. Menzies	01/06/00	01/29/00
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	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>BP-028-O</b>		
<u>University of California</u>		
Andrew Altieri	11/25/99	12/10/99
Christopher C. Holmes	01/06/00	01/29/00
Brent A. Mardian	01/06/00	01/29/00
Daniel L. Martin	10/12/99	12/10/99
Diane K. Poehls	01/06/00	01/29/00
Caroline T. Shaw	10/12/99	01/29/00
<b>BP-032-O</b>		
<u>University of California</u>		
Lauri Burke	10/28/99	01/29/00
Kirk J. Ireson	01/06/00	01/29/00
Mary A. Wallace	01/06/00	01/29/00
<b>BP-046-O</b>		
<u>University of Hawaii</u>		
Karin M. Bjorkman (Sweden)	01/06/00	01/29/00
Nicholas M. Cassar (Canada)	01/06/00	01/29/00
Terrence Houlihan	11/25/99	12/10/99
Sara C. Kerr	01/06/00	01/29/00
Daniel W. Sadler	01/06/00	01/29/00
Mary J. Sadler	01/06/00	01/29/00
<b>OO-124-O</b>		
Eugene Gorman	03/24/99	04/20/99
<b>OO-274-O</b>		
<u>Columbia University</u>		
Gerd Krahmann (Germany)	03/24/99	04/20/99
<b>OO-315-O</b>		
<u>University of California</u>		
Carolyn Harris	09/16/99	09/25/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>S-036</b>		
Timothy S. Moerland	04/30/99	05/31/99
Thomas J. Moylan	04/30/99	06/29/99
<b>BO-050-O</b>		
<u>University of California, San Diego</u>		
Robin Robertson	03/24/99	04/20/99
Andrew King	10/28/99	11/13/99
<b>BP-013-O</b>		
<u>Montana State University</u>		
Eric Woehler (Australia)	06/04/99	07/12/99
<b>S-037</b>		
Christian Busold (Germany)	04/30/99	05/31/99
<b>BO-043-O</b>		
<u>New York State Department of Health</u>		
Gogi F. Gwardschaladse	06/09/99	07/28/99

## National Science Foundation Staff

### McMurdo Station Area

Scott G. Borg	11/14/99	12/21/99
David M. Bresnahan	8/20/99	8/27/99
David M. Bresnahan	1/11/00	2/13/00
Frank W. Brier	8/22/99	8/26/99
Frank W. Brier	12/4/99	1/13/00
Joseph S. Cantrell	12/21/99	12/24/99
William A. Coughran (winterover)	10/19/99	
Christine R. Dozier	11/18/99	11/26/99
Karl A. Erb	12/4/99	12/7/99
Karl A. Erb	1/14/00	1/18/00
Dwight D. Fisher	12/14/99	2/18/00
Kim Y. Givens	10/6/99	11/24/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Joyce A. Jatko	11/23/99	12/13/99
Nadene G. Kennedy	1/14/00	2/18/00
Susanne M. Lafratta	1/30/00	2/16/00
Bernhard Lettau	1/5/00	1/26/00
Harry Mahar	11/15/99	12/16/99
Terry L. Melton (winterover #)	10/16/98	10/30/99
Julie M. Palais	10/25/99	11/24/99
Dennis S. Peacock	1/7/00	1/13/00
Kevin J. Pusey, Jr.	10/30/99	12/22/99
Raymond H. Smith	1/11/00	2/7/00
David M. Stonner	1/14/00	1/18/00
Alexander L. Sutherland	9/30/99	12/5/99
Karen H. Pearce	1/7/00	1/11/00
Peter West	12/31/99	1/11/00

**South Pole Station Area**

Richard Hirsh	12/4/99	1/10/00
Eugene Loh	1/11/00	1/29/00
Jerry W. Marty	11/11/99	12/16/99
Jerry W. Marty	1/7/00	2/17/00

**Palmer Station Area**

Polly A. Penhale	01/06/00	
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***NATHNIEL B. PALMER***

Altie H. Metcalf	03/30/99	04/09/99
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## Media Visitors

### V-008

#### WGBH TV South Pole Millennium

	<u>Arrived</u>	<u>Departed</u>
R. Norris Brock	12/22/99	1/4/00
Charles W. Kramer	12/22/99	1/4/00
Dean Rink	12/22/99	1/4/00

### V-013

#### Baltimore Sun

Douglas M. Birch	1/5/00	1/26/00
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### V-014

#### U.S. News

James J. Lo Scalzo	01/06/00	01/29/00
Charles W. Petit	01/06/00	01/29/00

### VP-020

Mary Roach	03/30/99	04/09/99
Judy Fricker Coakley	03/30/99	04/09/99
Gary Bernard Braash	03/30/99	04/09/99
Gary Bernard Braash	01/06/00	01/29/00

## Official Visitors

### V-001

#### National Science Board/OAC

John A. Armstrong	12/4/99	12/7/99
Stephanie L. Pfirman	12/4/99	12/7/99
Bob H. Suzuki	12/4/99	12/7/99

### V-004

#### SOAR Panel

Tom L. Henyey	11/18/99	11/24/99
William B. Krabill	11/18/99	11/24/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>V-005</b>		
<u>U.S. Embassy-N.Z./ Department of State</u>		
James A. Pierce	11/14/99	11/19/99
Eric N. Richardson	11/14/99	11/19/99
<b>V-006</b>		
<u>Congressional Members Visit</u>		
Rita R. Colwell	1/7/00	1/10/00
Kathryn R. Rison	1/7/00	1/11/00
Lynn N. Rivers	1/7/00	1/11/00
Marshall C. Sanford	1/7/00	1/11/00
Lynn Woolsey	1/7/00	1/11/00
<b>V-009</b>		
<u>NASA</u>		
Rosina M. Bierbaum	1/21/00	1/26/00
Harlan K. Cohen	1/21/00	1/26/00
William F. Readdy	1/21/00	1/26/00
<b>V-010</b>		
Gabrielle A Walker (United Kingdom)	03/30/99	04/09/99
<b>V-016</b>		
Roger S. Ballentine	12/17/99	12/21/99
Morrell J. Berry	12/17/99	12/21/99
<b>V-017</b>		
<u>Congressional Staff Visit</u>		
Frederic S. Baron	1/14/00	1/18/00
Sally A. Chadbourne	1/14/00	1/18/00
David K. Garman	1/14/00	1/18/00
Scott Giles	1/14/00	1/18/00
Frank R. Lautenberg	1/14/00	1/18/00
Ralph S. Lilly, II	1/14/00	1/18/00
Edward B. Pusey	1/14/00	1/18/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>V-019</b>		
<u>U.S. Ambassador to New Zealand</u>		
Carol E. Moseley Braun	1/30/00	2/1/00

## Special Participants

### McMurdo Station Area

<b>WO-007-O</b>		
Lucy J. Bledsoe	12/15/99	2/13/00
<b>WO-009-O</b>		
Stuart D. Klipper	11/18/99	12/21/99
Stuart D. Klipper (got on NBP)	2/13/00	
<b>WO-317-O</b>		
<u>Scripps Institute of Oceanography</u>		
Robert T. Bohner	1/7/00	2/1/00
Peter L. Brueggeman	11/8/99	12/14/99
David K. Roller, Jr.	10/13/99	11/14/99
Malcolm D. Stokes	10/13/99	12/13/99
Norbert M. Wu	10/13/99	12/13/99
Norbert M. Wu	1/5/00	2/1/00
<b>T-308</b>		
<u>NASA Wallops Flight Facility</u>		
Gregg W. Frostrom	1/19/00	2/18/00
Jaime Gallo (winterover #)	2/8/99	12/22/99
David J. Hess (winterover #)	2/19/99	8/20/99
David L. Honea (winterover #)	1/28/99	12/5/99
Erik Richards (winterover)	10/30/99	
Edward C. Seman	8/22/99	2/16/00
Edward C. Seman (winterover)	2/20/00	

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>T-375</b>		
<u>NASA/Goddard Space Flight Center</u>		
Michael A. Comberiate	12/15/99	12/22/99
Andre S. Fortin	1/5/00	2/16/00
Gregory M. Huffman	12/15/99	12/24/99
Kurt D. Rush	1/25/00	2/13/00
William L. Schmitt	1/5/00	2/17/00
<b>T-379</b>		
<u>Office of Aircraft Services, Dept of Interior</u>		
John Heine	12/6/99	12/13/99
Mark A. Reese	11/28/99	12/10/99
Allen P. Rice	10/1/99	10/14/99
<b>T-382</b>		
<u>PACDIV</u>		
Timothy W. Janneck	12/4/99	12/14/99
Melvin Maeda	2/1/00	2/7/00
<b>T-390</b>		
<u>Petroleum Helicopters, Inc.</u>		
Christopher A. Almazan	12/9/99	12/13/99
Christopher A. Almazan	12/24/99	2/13/00
William J. Burnette	8/20/99	2/7/00
Ethan J. Conner	8/20/99	2/7/00
Christopher T. Dean	9/30/99	2/17/00
Richard L. Dipboye	9/30/99	2/17/00
Jack D. Hawkins	9/30/99	2/17/00
Ronald D. Hott	10/1/99	2/17/00
Barry W. James	9/30/99	2/7/00
Gregg A. Leibert	11/11/99	2/7/00
Gregg A. Leibert	9/30/99	10/20/99
John E. Losure	9/30/99	2/7/00
David D. Medley	8/20/99	2/17/00
John S. Pentecost	9/30/99	12/13/99
John S. Pentecost	12/24/99	2/17/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>T-391</b>		
<u>USCG/DOT</u>		
Joyce M. Johnson	1/19/00	2/1/00
<b>T-395</b>		
<u>Raytheon Polar Services Corporation</u>		
Richard T. Boehne	12/22/99	1/20/00
Leslie W. Bonde	12/14/99	12/24/99
Anthony C. Danks	12/6/99	12/16/99
Donald S. Dennis	12/6/99	12/13/99
Edmund P. Durso	1/25/00	2/9/00
Michael A. Embree	12/23/99	1/3/00
Michael A. Embree	1/30/00	2/16/00
Jose A. Emmanuelli	1/25/00	2/4/00
Gary L. Faust	12/6/99	12/13/99
Rodney R. Gartner	12/31/99	1/11/00
Cynthia M. Hale	12/23/99	1/29/00
Richard P. Hillman	12/31/99	1/17/00
Lori A. Jagger	1/14/00	1/26/00
Robert B. Jagger	12/4/99	12/21/99
Howard A. Moss, Jr.	1/14/00	1/26/00
Stephen K. Park	1/14/00	1/26/00
John D. Paulson	12/23/99	1/29/00
Michael B. Sullivan	12/6/99	12/18/99
Michael B. Sullivan	1/25/00	2/7/00
Charles R. Tellez	12/22/99	1/10/00
<b>T-401</b>		
<u>University of Miami</u>		
Thomas Leffingwell	1/21/00	2/1/00
<b>TA-150-A</b>		
<u>University of Nebraska at Lincoln</u>		
Mark H. Albershardt	11/14/99	12/16/99
John F. Rhoades	11/11/99	2/9/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>TI-150-B</b>		
<u>University of Nebraska at Lincoln</u>		
John D. Giles	10/30/99	1/31/00
<b>TO-312-O</b>		
<u>Scripps Institution of Oceanography</u>		
Steve Hart	2/1/00	2/9/00
<b>TO-513-O</b>		
<u>Biospherical Instruments, Inc.</u>		
Germar H. Bernhard	1/14/00	2/9/00
James C. Ebrahimian	1/30/00	2/9/00
<b>ATS</b>		
Joann C. Bain	07 Oct 99	21 Feb 00
Arthur M. Cayette	06 Oct 99	14 Nov 99
Arthur M. Cayette	14 Jan 00	18 Feb 00
Kevin J. Charlow	04 Dec 99	16 Dec 99
Edward M. Chinnis	13 Oct 99	25 Oct 99
James L. Cook	20 Aug 99	10 Jan 00
Frederick Cruz	30 Oct 99	24 Nov 99
Rodolfo M. Diaz	13 Oct 99	25 Oct 99
Rodolfo M. Diaz	11 Jan 00	29 Jan 00
Kenton W. Edele	15 Nov 99	21 Feb 00
Helen D. Feltham	07 Oct 99	08 Nov 99
Helen D. Feltham	04 Dec 99	17 Feb 00
Timothy E. Gartman	04 Dec 99	16 Dec 99
Charles T. Godfrey	20 Aug 99	25 Feb 00
Gregory N. Harrison	30 Sep 99	21 Feb 00
Eric M. Holbrook	09 Nov 99	31 Jan 00
Eric M. Holbrook (winterover)	13 Feb 00	
George F. Howard Iii	06 Oct 99	18 Feb 00
Everett W. Hubbard	13 Oct 99	21 Feb 00
Paul D. Kettrick	07 Oct 99	24 Feb 00
William D. Keyser	20 Aug 99	17 Feb 00
Timothy R. Kimbrell	11 Jan 00	31 Jan 00
Joseph R. Kramer	20 Aug 99	11 Jan 00
David A. Kroth	19 Oct 99	16 Dec 99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Daniel E. Lehman	30 Sep 99	21 Feb 00
Michael T. Londergan	13 Oct 99	25 Oct 99
Sandra N. Lorenzana	26 Aug 99	24 Feb 00
Michael E. Maclean	06 Oct 99	21 Feb 00
Peter E. Martellini	20 Aug 99	20 Dec 99
Harold D. Mayo, Jr.	20 Oct 99	21 Feb 00
Heidi M. McCaffray	13 Oct 99	17 Feb 00
Henry L. Murchison, Jr.	07 Oct 99	25 Feb 00
Michael J. Peebles	20 Aug 99	06 Oct 99
Brian F. Power (Canada)	13 Oct 99	18 Feb 00
Richard F. Robbins	11 Jan 00	29 Jan 00
James T. Roberson	14 Nov 99	14 Dec 99
Michael B. Rugg	08 Nov 99	21 Feb 00
Matthew E. Rushing	11 Jan 00	31 Jan 00
Joseph F. Schultz	13 Oct 99	11 Nov 99
Victor L. Sitton	30 Oct 99	24 Nov 99
Randall J. Spink	14 Dec 99	24 Feb 00
Mathew A. Thompson (winterover #)	08 Feb 99	06 Oct 99
Mathew A. Thompson (winterover)	14 Jan 00	
Mary F. Tutza	07 Oct 99	21 Feb 00
Jeffrey F. Yarris	30 Sep 99	24 Feb 00
Raymond J. Bell	19 Oct 99	11 Nov 99
Darren G. Ylinen	13 Oct 99	08 Nov 99
Robert L. Vehorn	11 Jan 00	09 Feb 00
Allard C. Page	30 Oct 99	24 Nov 99
Steven A. Clark	14 Nov 99	13 Dec 99
Scott J. Newell	14 Nov 99	13 Dec 99
Gary L. Stringer	14 Nov 99	05 Dec 99
Steven L. Kolden	11 Nov 99	10 Dec 99
Edward L. Bradley	25 Oct 99	30 Oct 99
Douglas A. Fernow	15 Dec 99	22 Dec 99
Kenneth E. Jack	25 Oct 99	30 Oct 99
Edward G. Magaw	25 Oct 99	30 Oct 99
Mitchell T. Rainwater	25 Oct 99	30 Oct 99
Stanley T. Cole	15 Dec 99	21 Dec 99
Charles A. Rice	15 Dec 99	20 Dec 99
Ralph R. Uzzle	15 Dec 99	21 Dec 99
Dustin J. Barrett (winterover #)	04 Dec 98	06 Oct 99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Kenneth D. Bascue	13 Oct 99	21 Feb 00
John G. Biesiada (Canada)	20 Aug 99	
Christopher J. Burt	13 Oct 99	31 Jan 00
Christopher J. Burt (winterover)	13 Feb 00	
Ross A. Carroll (New Zealand)	26 Aug 99	24 Feb 00
Dirk W. Christiansen (winterover #)	16 Dec 98	13 Oct 99
Dirk W. Christiansen (winterover)	07 Feb 00	
Jami S. Davis	14 Jan 00	25 Feb 00
Jonathan M. Dethloff	07 Oct 99	24 Feb 00
Joseph W. Epple	04 Dec 99	16 Dec 99
David E. Ferguson	06 Oct 99	29 Dec 99
Donald T. Grey	07 Oct 99	13 Dec 99
Christopher M. Knox	07 Oct 99	21 Feb 00
Larry J. Lainey	13 Oct 99	21 Feb 00
Keith A. Mc Kinney	22 Aug 99	17 Feb 00
Willy A. McMichael	11 Nov 99	21 Feb 00
Rex A. Morgan	06 Oct 99	24 Feb 00
Ismael Ochoa, Jr.	07 Oct 99	31 Jan 00
Ismael Ochoa, Jr. (winterover)	13 Feb 00	
Garrett L. Pendleton (winterover #)	05 Feb 99	06 Oct 99
Richard K. Perrin	13 Oct 99	13 Feb 00
Paul F. Plunkett	22 Aug 99	16 Feb 00
Jeffrey A. Prucinsky	22 Aug 99	18 Feb 00
Monte D. Ramirez	07 Oct 99	24 Feb 00
Charles C. Richard	26 Aug 99	17 Feb 00
William F. Russell	04 Dec 99	24 Feb 00
Jonathan D. Shields	20 Aug 99	24 Feb 00
Russell S. Staples	30 Sep 99	07 Feb 00
Jerome Van Dyke	20 Aug 99	17 Feb 00
Robert M. Virgil, IV	13 Oct 99	17 Feb 00
Arthur Wilkerson	13 Oct 99	07 Feb 00
Thomas E. Woodall	02 Jan 00	24 Feb 00
Thomas E. Woodall	06 Oct 99	11 Nov 99



**South Pole Station Area**

**Dates in Antarctica**  
**Arrived**      **Departed**

**TA-150-A**

University of Nebraska at Lincoln

Dennis V. Duling	11/23/99	1/29/00
Walter H. Hancock	11/15/99	1/29/00
Michael S. Jayred	11/8/99	2/9/00
Karl C. Kuivinen	11/8/99	2/4/00
Jed B. Lewis	1/4/00	2/9/00
Jed B. Lewis	11/8/99	12/11/99
Craig Massey	10/30/99	2/9/00
Merle D. Walek	10/30/99	12/21/99
Matthew S. Walters	10/30/99	1/31/00
Kurt W. Wulser	12/17/99	2/3/00

**TI-150-B**

University of Nebraska at Lincoln

Bret A. James	10/30/99	2/9/00
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**T-382**

PACDIV

Richard Armstrong	12/4/99	12/13/99
John C. Chan	1/5/00	1/17/00
William N. Henriksen	11/8/99	12/16/99
William N. Henriksen (winterover)	2/1/00	

**T-384**

USA/CRREL

John H. Rand	1/7/00	2/9/00
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**Palmer Station Area**

**WO-004-O**

Douglas H. Quin	11/25/99	01/29/00
Steve Dunbar	11/25/99	01/29/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
<b>TO-513-O</b>		
<u>Biospherical Instruments</u>		
Germar H. Bernhard (Germany)		03/07/00
<b>T-375</b>		
<u>Raytheon Polar Services Company Transition Team</u>		
Daniel L. Osborne	01/06/00	01/29/00
Brian W. Parker	12/19/99	12/24/99
Leslie W B.onde	02/08/00	02/18/00
Cythia M. Hale	02/08/00	02/18/00
Anthony Danks	02/08/00	02/18/00
Richard Boehene	02/08/00	02/18/00
<b>AMLR Program</b>		
Rennie S. Holt, Jr.	12/19/99	12/24/99
<b>Nathaniel B. Plamer</b>		
<b>T-390</b>		
<u>Petroleum Helicopters Incorporated</u>		
Christopher Almazan	12/24/99	current
<b>A-508</b>		
<u>Lamont Doherty Earth Observatory</u>		
Richard Iannuzzi	06/14/99	07/12/99
<b>A-510</b>		
David A.Hutchinson	03/30/99	04/09/99

## **Antarctic Support Associates**

### **McMurdo Station Area**

Robin R. Abbott	9/30/99	2/17/00
Alexis A. Abramo	10/14/99	2/24/00
John P. Ackley (winterover #)	2/22/99	10/18/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
John P. Ackley (winterover)	2/13/00	
John K. Adams	11/8/99	1/11/00
Paula L. Adkins	9/30/99	2/17/00
Tatia A. Alcorn	8/22/99	1/11/00
Tatia A. Alcorn (winterover)	1/30/00	
Jesse J. Alcorta	10/1/99	10/13/99
Jesse J. Alcorta	10/16/99	2/18/00
Danny M. Aldous (winterover)	11/8/99	
Barbara J. Allen	8/22/99	2/18/00
Susan J. Allspaw	10/16/99	2/17/00
Kirsten A. Amann (winterover)	10/6/99	
William R. Ames (winterover #)	11/2/98	10/6/99
Nicholas J. Ammon (winterover)	2/16/00	
Kenra L. Andersen	10/19/99	2/9/00
Edward P. Anderson	10/7/99	2/24/00
Mandy L. Anderson (winterover #)	11/19/98	10/6/99
Marsha A. Anderson	12/4/99	2/18/00
Tobi T. Anderson (winterover #)	8/22/98	10/6/99
Jason C. Anthony	10/1/99	2/24/00
Andrew B. Archer	1/30/00	2/17/00
David A. Arnett	8/22/99	2/16/00
Kelly Arnold	10/3/98	10/13/99
Alan N. Arrowsmith	8/22/99	2/9/00
Dorothy D. Azure	10/30/99	2/16/00
Michael A. Baclawski	8/22/99	2/18/00
Burton C. Baker	11/15/99	1/20/00
Charles E. Baker	10/7/99	1/6/00
Charles E. Baker	1/11/00	2/13/00
Brittney L. Baldwin	10/13/99	2/9/00
Mariette Baldwin	8/22/99	2/7/00
Carmen I. Barber	11/28/99	12/13/99
David F. Barber (winterover #)	2/21/99	10/6/99
Jon K. Barber	10/6/99	2/13/00
Thomas H. Barfield	10/14/99	2/13/00
Erik R. Barnes	10/14/99	2/16/00
La Rae M. Barnes	10/13/99	2/18/00
Ann L. Barnett	8/26/99	2/7/00
Jessica L. Barr	10/20/99	2/17/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Brian J. Barry	10/7/99	2/24/00
Toby G. Bartel	8/22/99	12/21/99
Toby G. Bartel (winterover)	1/14/00	
Juan T. Basurto	8/20/99	2/24/00
Bo S. Baumgartner (winterover #)	2/12/99	10/18/99
Benjamin Beckdahl (winterover)	2/18/00	
Diane L. Bedell	9/30/99	2/16/00
Mark A. Begnaud	8/26/99	1/6/00
Luke T. Beise	10/14/99	2/18/00
Laura C. Belval	8/22/99	2/18/00
Jon E. Benedict	8/22/99	1/31/00
Jon E. Benedict (winterover)	2/16/00	
Lalove Benedict	10/6/99	2/24/00
Philip A. Bennett	10/6/99	10/19/99
Bryan D. Berg (winterover)	2/13/00	
Terri L. Berkey (winterover #)	10/3/98	10/16/99
Katherine A. Bertolin	9/30/99	12/28/99
William S. Beyer	10/6/99	2/24/00
Douglas B. Bickmore	12/17/99	2/13/00
Terry A. Billings	10/7/99	2/17/00
Michael J. Bilos	8/22/99	2/16/00
Anne C. Binninger	8/26/99	2/18/00
Michael E. Birkmeyer	11/8/99	2/18/00
Russell A. Bixby (winterover #)	8/22/98	10/22/99
Kevin L. Bjella	9/30/99	1/6/00
Kevin L. Bjella (winterover)	1/21/00	
Michael J. Blachut	10/16/99	2/7/00
Bruce Blackburn	10/14/99	1/29/00
Bruce Blackburn (winterover)	2/16/00	
Charles J. Blackmer	10/30/99	2/1/00
Leslie A. Blank	10/20/99	2/9/00
Kathy Blumm	10/13/99	2/17/00
Justin W. Bohn	8/26/99	2/17/00
Nicole A. Bonham	10/14/99	2/24/00
Esther R. Boone (winterover #)	2/8/99	10/13/99
Esther R. Boone (winterover)	2/16/00	
John E. Booth (winterover #)	2/17/99	10/13/99
Michael R. Borem	10/16/99	2/9/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Richard E. Bostwick	10/30/99	2/1/00
Henry Bourne	11/18/99	2/13/00
Donald L. Bowen	8/26/99	12/6/99
Edward P. Bowen	9/30/99	2/24/00
Merle L. Bowser	10/7/99	2/13/00
Donald A. Boyd (winterover)	2/18/00	
Kristin M. Boyt	10/14/99	2/16/00
Lester P. Bracey	10/6/99	2/17/00
Stephanie L. Brackin	10/7/99	2/24/00
Brenitta L. Brady	10/13/99	2/18/00
Carol C. Brandon	10/7/99	2/24/00
Nancy G. Brandt (winterover)	10/13/99	
Harry M. Braun	8/26/99	2/13/00
Daniel L. Brewster (winterover)	10/1/99	
Bridget Brockel	10/14/99	2/17/00
Donald W. Brogan, Jr. (winterover #)	1/28/99	10/16/99
Donald W. Brogan, Jr. (winterover)	1/23/00	
Patrick D. Brohman	10/6/99	1/31/00
Brian Brooks (winterover #)	2/17/99	10/13/99
Robert J. Brooks	12/12/99	2/18/00
Clyde L. Brown (winterover #)	2/17/99	9/30/99
David Brown (winterover)	2/4/00	
Garland L. Brown	8/22/99	2/13/00
Phyllis Brown (winterover)	2/4/00	
William A. Brown	8/26/99	2/24/00
Larry L. Brownlow	8/26/99	2/24/00
Steven C. Bruce (winterover #)	2/5/99	11/8/99
Max D. Brumley (winterover #)	2/21/99	10/13/99
Brennen C. Brunner	9/30/99	2/7/00
Daniel R. Bryan (winterover)	8/26/99	
Anthony S. Buchanan	10/20/99	2/17/00
Jennica M. Burk	10/7/99	2/24/00
Dorothy E. Burke	10/13/99	2/13/00
Kathleen Burke	10/7/99	2/16/00
Derrold C. Burnett	1/11/00	2/17/00
Timothy R. Burns	9/30/99	1/20/00
Timothy R. Burns (winterover)	2/1/00	
Jay S. Burnside	8/22/99	1/6/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Amber R. Burton	10/14/99	12/22/99
Amber R. Burton (winterover)	1/11/00	
Brian K. Butler	10/1/99	2/16/00
Laurence J. Bittenwieser	10/7/99	2/21/00
Michelle L. Byrd	10/7/99	12/7/99
Mark J. Campbell (winterover #)	1/28/99	10/13/99
Mark J. Campbell (winterover)	1/30/00	
Stacy L. Cannon	10/20/99	2/7/00
Justin D. Capanna	9/30/99	2/24/00
Demetri C. Capetanopoulos	10/22/99	2/17/00
Michelle R. Capron	10/14/99	2/24/00
Kristyn R. Carney	10/13/99	2/24/00
Claire M. Carpenter (winterover)	11/23/99	
David H. Carpenter	10/20/99	2/17/00
Lionel L. Carpenter (winterover #) (Canada)	2/12/99	10/13/99
Neal D. Carpenter	8/22/99	2/21/00
Cami G. Carr	8/22/99	2/18/00
Eric G. Carr (winterover)	8/20/99	
Steven E. Carr	8/22/99	2/18/00
Valerie Carroll	10/13/99	10/16/99
Valerie Carroll	2/4/00	2/9/00
Charles S. Carson (winterover #)	2/12/99	9/30/99
John Casady (winterover #)	2/17/99	10/13/99
Thomas L. Cashler	10/30/99	2/9/00
Patrick R. Cassidy	10/7/99	2/18/00
Anthony Castagna	8/22/99	2/12/00
Durant H. Cephers (winterover #)	8/20/98	10/13/99
Durant H. Cephers (winterover)	2/16/00	
Mette Cephers (winterover #)	10/3/98	10/13/99
Mette Cephers (winterover)	2/16/00	
James L. Chambers	10/6/99	11/29/99
James L. Chambers	12/4/99	2/17/00
Karen L. Chambers	10/6/99	2/17/00
Frederick J. Chambers, Jr. (winterover #)	2/12/99	10/13/99
Paul J. Charpentier (winterover)	10/13/99	
Andrea C. Charrier	8/22/99	2/24/00
Eden L. Chipman	10/14/99	2/17/00
Barbara A. Clampet	10/7/99	2/24/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
John J. Clampet	9/30/99	2/24/00
Crescent D. Clary	10/16/99	1/13/00
Crescent D. Clary	1/25/00	2/18/00
Lawrence L. Cleavelin	8/26/99	11/11/99
Jerome J. Cloutier (winterover #)	2/21/99	10/6/99
Susan Codega	10/6/99	2/18/00
Gina M. Coelho	10/14/99	2/1/00
Theresa L. Coffin (winterover #)	1/28/99	10/13/99
Steven L. Cohen	10/14/99	2/24/00
Douglas J. Cohn (winterover)	10/7/99	
Lucille M. Cole (winterover)	10/16/99	
Austin H. Coleman	10/7/99	2/9/00
Adam A. Coles	10/14/99	12/14/99
Karla D. College	10/14/99	1/29/00
Karla D. College (winterover)	2/7/00	
Cynthia C. Collins (winterover)	10/6/99	
Kevin J. Condron	10/14/99	2/9/00
Caroline M. Conway	10/7/99	12/6/99
Douglas M. Conway	10/7/99	12/6/99
Kari D. Cook	10/14/99	1/26/00
Robert J. Coppin	1/5/00	1/31/00
Kathleen Corcoran	10/14/99	2/24/00
Allen G. Cornelison	10/16/99	2/16/00
Rex M. Cortner (winterover)	8/20/99	
Dennis L. Costello (winterover #)	1/28/99	10/16/99
Dennis L. Costello (winterover)	1/30/00	
Rex E. Cotten	10/7/99	1/20/00
Rex E. Cotten (winterover)	2/16/00	
Hugh B. Cowan (winterover #)	1/20/99	10/30/99
Annie K. Coward (winterover #)	10/13/98	10/6/99
Donald Cox	10/7/99	2/7/00
Vincent R. Cox	11/8/99	2/16/00
Vincent R. Cox (winterover)	2/24/00	
Dewey Coyne (winterover)	2/4/00	
Jamie P. Coyne	10/16/99	2/13/00
Atlas Craig	8/22/99	2/24/00
Jeffrey J. Craig	10/7/99	2/13/00
Henry D. Crisler	10/13/99	2/17/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Gerald L. Crist	8/22/99	2/17/00
Robert R. Croke	1/14/00	2/13/00
Mariah J. Crossland	10/6/99	2/18/00
Sonny Culbreath (winterover #)	2/12/99	10/13/99
Sonny Culbreath (winterover)	2/4/00	
Dodds L. Cupit, Jr.	8/26/99	2/13/00
Thomas V. Cwiklinski	10/13/99	2/18/00
Amy E. Dahl	10/14/99	2/1/00
Tracy S. Dahl	10/14/99	2/1/00
Anne Dal Vera	10/19/99	2/9/00
Justin W. Daly	8/26/99	2/21/00
Jason R. Dandeo	10/14/99	2/1/00
Donald J. Davis	8/26/99	2/13/00
Kenneth L. Davis	11/8/99	2/16/00
Margaret L. Davis	10/14/99	2/18/00
Michael A. Davis	10/7/99	2/24/00
Charles J. Day	9/30/99	2/13/00
Shelly J. De Nike	10/7/99	2/18/00
Michael T. Dennistoun	10/13/99	2/24/00
David R. Denny	8/20/99	2/16/00
Bruce Depew (winterover)	8/22/99	
Keith A. Depew	10/13/99	2/3/00
Keith A. Depew (winterover)	2/16/00	
Jeffrey E. Derry	10/7/99	2/24/00
Theodore J. Dettmar	8/20/99	2/17/00
Sharon L. Di Giacomo	8/20/99	2/21/00
Jennifer C. Dickey	1/11/00	2/24/00
Paul B. Dietsche (winterover)	1/30/00	
William F. Dingfelder (winterover)	10/1/99	
Thomas H. Dishneau (winterover #)	2/17/99	9/30/99
Joshua L. Dobyns	10/14/99	2/24/00
Jose R. Dominguez (winterover #)	2/17/99	10/15/99
Jose R. Dominguez (winterover)	2/18/00	
John N. Donnellon	11/8/99	1/31/00
Robert E. Drake (winterover)	8/26/99	
Jennifer Dudley- Gaillar	10/20/99	2/17/00
Edward J. Duffy (winterover)	2/13/00	
Gary N. Dunckel	10/6/99	11/27/99



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Craig M. Dunne (winterover #)	2/5/99	10/15/99
Matthew M. Dusharme	9/30/99	1/18/00
Matthew M. Dusharme	1/26/00	2/13/00
Brett E. Egan	10/13/99	11/26/99
Harry A. Egeland	8/20/99	2/16/00
Roy S. Egeland	8/20/99	1/3/00
Roy S. Egeland (winterover)	1/19/00	
Mark J. Eisinger	10/13/99	2/24/00
Paula J. Elliott	8/20/99	2/24/00
Kellie A. Ellis	8/26/99	2/24/00
Lonnie Ely (winterover #)	2/5/99	10/2/99
Lonnie Ely	10/19/99	2/9/00
Joni G. English (winterover)	9/30/99	
Kevin C. Ensley (winterover #)	2/1/99	10/13/99
Betty L. Erickson	8/22/99	2/18/00
Deborah J. Erickson	8/26/99	11/8/99
Arthur A. Escamilla	2/1/00	2/18/00
Trisha J. Eurto	12/21/99	2/17/00
Zenobia E. Evans	10/30/99	2/16/00
Elizabeth M. Evenson	8/26/99	1/11/00
Elizabeth M. Evenson (winterover)	2/1/00	
Thomas D. Evenson	10/7/99	2/13/00
Kimberly M. Fabre	10/14/99	2/13/00
Sherri Fabre	10/6/99	1/29/00
Sherri Fabre (winterover)	2/9/00	
James H. Fairchild	8/20/99	2/24/00
Nancy A. Farrell	10/13/99	2/24/00
Rebecca S. Feinberg	10/16/99	2/21/00
Samuel D. Feola	10/20/99	10/26/99
Scott L. Ferguson	10/20/99	2/1/00
Douglas A. Fink (winterover #)	10/13/98	10/15/99
Landon L. Fink	8/22/99	2/9/00
Timothy O. Fitzgibbon	10/6/99	2/16/00
Megan Flanagan	10/1/99	2/21/00
Robert L. Fleming	8/22/99	2/24/00
Larry Flemming	10/16/99	1/3/00
Jack M. Fletcher	10/16/99	2/24/00
Mimi J. Florance	11/8/99	1/10/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Danielle L. Fogle	10/14/99	2/18/00
Jay A. Foraker (winterover #)	2/17/99	9/30/99
Stephen H. Ferguson (winterover)	8/22/99	
Matthew M. Foster	8/22/99	2/9/00
Timothy S. Foster (winterover #)	10/13/98	11/8/99
Timothy S. Foster (winterover)	1/21/00	
Claudette L. Fournier	10/13/99	2/17/00
Thomas A. Fouts	8/20/99	2/13/00
Jimmie Fox	1/30/00	2/13/00
Spencer J. Fox (winterover #)	2/1/99	10/15/99
Joel Foy (winterover)	8/22/99	
Todd R. Franson	10/7/99	2/17/00
Cynthia L. Frazee	10/14/99	2/17/00
JB Freeman	10/19/99	12/21/99
JB Freeman	1/11/00	1/18/00
Belinda Freet	9/30/99	1/8/00
Belinda Freet (winterover)	1/19/00	
Terry G. Fritze	11/14/99	2/18/00
Mimi N. Fujino	10/13/99	2/13/00
Jason R. Gabriel	10/7/99	2/13/00
Raymond J. Gabriel, II	9/30/99	11/8/99
Raymond J. Gabriel, II	1/23/00	2/17/00
Patrick D. Gainey	8/22/99	2/21/00
Jerry M. Galang	1/30/00	2/18/00
Walter W. Gallagher	2/9/00	2/17/00
Christine M. Gamble (winterover #)	2/8/99	10/6/99
Jose R. Garcia (winterover #)	2/17/99	8/20/99
Jose R. Garcia	8/26/99	10/13/99
Jose R. Garcia (winterover)	2/1/00	
Reed N. Gard	10/7/99	2/24/00
Dale L. Gardner	8/22/99	1/31/00
Dale L. Gardner (winterover)	2/16/00	
Angela L. Garner (winterover #)	9/1/98	10/13/99
Angela L. Garner (winterover)	1/30/00	
Jeff Garner (winterover)	2/24/00	
Samuel W. Geary, Jr. (winterover #)	1/20/99	10/6/99
Samuel W. Geary, Jr. (winterover)	2/4/00	
Heidi N. Geisz	10/14/99	2/13/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Evelyn L. Genkinger	10/14/99	2/7/00
Maria L. Gesicki (winterover #)	1/22/99	10/13/99
Robert W. Gilmore	8/22/99	2/9/00
Sharyn W. Gilmore	10/16/99	2/24/00
William Y. Gilmore	10/16/99	2/13/00
Melvin H. Glover, I I I (winterover #)	9/1/98	10/13/99
Melvin H. Glover, I I I (winterover)	1/30/00	
Harold G. Gober (winterover #)	1/5/99	10/15/99
Harold G. Gober (winterover)	2/4/00	
Judy A. Goldsberry	10/13/99	2/24/00
Eduardo B. Gomez	2/1/00	2/17/00
Glenn H. Gordon	8/26/99	2/18/00
Vincent J. Gordon	8/26/99	1/31/00
Troy D. Gorringer	10/19/99	2/7/00
Cassandra J. Graber	10/14/99	2/13/00
Greg M. Grandchamp	10/14/99	1/3/00
Greg M. Grandchamp	1/11/00	2/9/00
Paul R. Grandchamp (winterover #)	1/28/99	10/13/99
Brooke M. Grant	8/22/99	2/18/00
Laura M. Gravelle	10/6/99	2/24/00
Jason A. Gray	10/7/99	2/24/00
David P. Green	2/9/00	2/15/00
Jennifer L. Grewell	10/7/99	2/9/00
Richard J. Grillo (winterover #)	10/13/98	10/13/99
William R. Groghan	8/26/99	11/8/99
William R. Groghan	11/18/99	2/9/00
Sarah S. Gundlach	10/14/99	2/13/00
Jonathan P. Gurney	10/14/99	10/25/99
Manville Gutierrez	9/30/99	2/24/00
Melvyn Guzman	10/14/99	2/13/00
Lee D. Gwin	10/14/99	2/13/00
Bill E. Haals	9/30/99	2/13/00
John P. Hahn, Jr. (winterover #)	2/5/99	10/6/99
John P. Hahn, Jr. (winterover)	2/4/00	
Michael P. Hains	9/30/99	2/24/00
Irma M. Hale	10/14/99	2/16/00
Peter J. Haley	8/22/99	2/16/00
Dale P. Hall	11/23/99	1/8/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Billy D. Hampton	9/30/99	2/16/00
Daniel L. Hance	2/4/00	2/18/00
Daniel L. Hance (winterover)	2/24/00	
Kelly D. Hance	8/20/99	2/24/00
Robert D. Hanes	10/13/99	2/18/00
David M. Haney	10/14/99	1/29/00
David M. Haney (winterover)	2/7/00	
Nancy E. Hannah (winterover #)	2/17/99	10/6/99
Nancy E. Hannah (winterover)	2/16/00	
Bruce Hanninen (winterover)	2/13/00	
Melissa Hannon (winterover)	10/7/99	
Ria Harboe (winterover)	10/7/99	
Joseph P. Harrigan	10/7/99	2/24/00
John E. Harris, Jr. (winterover)	2/4/00	
Emily A. Hart	10/16/99	2/24/00
William H. Hartzog	10/1/99	2/9/00
Sarah C. Harvey	10/19/99	2/9/00
Brad A. Hasley	10/30/99	1/26/00
Brad A. Hasley (winterover)	2/16/00	
John H. Hatcher, III	10/13/99	11/11/99
John H. Hatcher, III	1/5/00	2/13/00
Dennis L. Haunschild	10/14/99	2/24/00
Ronald D. Hays (winterover #)	1/28/99	10/13/99
Philip C. Hayward	12/22/99	2/21/00
David A. Healy	10/7/99	12/5/99
Emily Heikkala (winterover)	1/11/00	
Joseph J. Heil, I I I (winterover)	10/6/99	
Ronald J. Hendricks (winterover #)	1/28/99	10/6/99
Stephen M. Hendricks (winterover #)	1/28/99	10/18/99
Stephen M. Hendricks (winterover)	2/13/00	
Hiram Henry	10/14/99	2/16/00
Carl J. Hess (winterover)	8/22/99	
Nate G. Hester	8/22/99	1/20/00
Susan L. Heyob (winterover)	10/13/99	
Thomas L. Heyob	10/13/99	2/24/00
Richard P. Hicks (winterover)	10/20/99	
Joe D. Hill	10/7/99	2/17/00
Stephanie L. Hill	10/6/99	2/3/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Stephanie L. Hill (winterover)	2/16/00	
Jonathan J. Hinton	2/5/99	10/13/99
Mark C. Hitchcock (winterover #)	2/17/99	10/6/99
Garrett H. Hixon (winterover)	9/30/99	
Mary M. Hodgins	10/16/99	2/24/00
Steven J. Hoehne (winterover #)	10/13/98	10/13/99
Dennis J. Hoffman (winterover #)	8/31/98	10/13/99
Dennis J. Hoffman (winterover)	2/13/00	
Deborah A. Hofford	10/16/99	2/4/00
Alan P. Hogan	8/26/99	2/24/00
Mary K. Hogan	2/22/99	8/20/99
Mary K. Hogan (winterover #)	8/26/99	10/6/99
Peter G. Hokenstad	11/8/99	2/9/00
Eric J. Holm	8/22/99	2/13/00
Landon E. Holt	10/13/99	2/13/00
Patrick B. Holton	10/13/99	2/24/00
Elaine S. Hood	10/7/99	2/17/00
Jeffrey J. Hook	10/7/99	2/7/00
Randy G. Hook, Sr.	10/7/99	2/18/00
Marshall H. Hopkins	10/7/99	2/12/00
Steve F. Hopkins	10/1/99	2/24/00
Ralph Horak	10/14/99	2/18/00
Barry Horbal	11/8/99	2/13/00
Kimberley S. Horn	10/22/99	2/18/00
Wayne T. Howard (winterover)	9/30/99	
Franklin K. Howell	11/8/99	11/26/99
Derek Hurley	8/22/99	11/8/99
Joseph A. Hurley I V	10/19/99	2/24/00
Christine M. Hush	9/30/99	2/24/00
Michael F. Hush	9/30/99	2/24/00
James J. Inglis	10/14/99	2/7/00
Andrea L. Isgro	10/30/99	12/16/99
Jennifer A. Jabs	10/13/99	12/4/99
Dale G. Jacobs	10/6/99	2/18/00
Donella M. Jacobs	10/6/99	2/18/00
Jan C. Jasperson (winterover #)	10/16/98	10/13/99
Jan C. Jasperson (winterover)	2/13/00	
Yale B. Jeffery, I I I (winterover #)	2/5/99	10/18/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Yale B. Jeffery, I I I (winterover)	2/4/00	
Rachel E. Jenkins	10/7/99	2/24/00
John Johannesen	8/26/99	2/13/00
Bradley H. Johnson	10/19/99	2/17/00
Bryan T. Johnson	10/16/99	2/18/00
Darin N. Johnson	10/14/99	2/24/00
Elisabeth C. Johnson	10/16/99	2/18/00
Keros S. Johnson (winterover #)	2/19/99	10/13/99
Scott F. Johnson	12/4/99	2/18/00
Tina M. Johnson	8/22/99	2/24/00
Matthew C. Johnston	10/14/99	2/24/00
Paul R. Jolicoeur	8/20/99	12/7/99
Paul R. Jolicoeur	12/17/99	2/24/00
James T. Jones (winterover #)	2/12/99	11/8/99
Scott B. Jones	1/19/00	2/24/00
Seth C. Jones	10/7/99	2/17/00
Timothy L. Jones	10/13/99	1/29/00
Timothy L. Jones (winterover)	2/16/00	
Richard C. Joss (winterover)	10/20/99	
Karen L. Joyce	10/7/99	2/24/00
Ernest H. Joynt	8/26/99	10/30/99
James M. Judd	10/6/99	2/13/00
Gregg Kaczmarczyk (winterover #)	2/17/99	10/6/99
Heidi J. Kampe	8/22/99	1/13/00
Heidi J. Kampe (winterover)	1/25/00	
Michael J. Kampe	8/22/99	1/17/00
Michael J. Kampe (winterover)	1/25/00	
Susan D. Kaspari	10/7/99	2/9/00
Melissa A. Katz (winterover)	2/16/00	
Glen Kay	1/11/00	2/1/00
Sarah T. Kaye	8/22/99	2/16/00
Luke A. Keavney	10/6/99	2/16/00
Jonathan E. Keller	10/6/99	2/17/00
Lisa Keller	10/7/99	2/24/00
Joel M. Kelley	11/8/99	2/7/00
Dawson J. Kelsey	8/22/99	11/19/99
Dennis J. Kenley, Jr.	8/20/99	2/1/00
Dennis J. Kenley, Jr. (winterover)	2/13/00	

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Romayne M. Ketcha	10/7/99	2/24/00
William M. Ketterhagen	8/22/99	2/17/00
Amy M. Keutzer	11/23/99	2/24/00
Mike S. Keutzer	10/6/99	2/24/00
Kevin Key (winterover #)	2/17/99	10/6/99
Kathleen M. Keys	9/30/99	2/16/00
Amy S. Kilzer	10/14/99	2/17/00
Lloyd C. Kimball	10/19/99	2/24/00
Darrell J. Kimmes	10/14/99	12/24/99
Darrell J. Kimmes	1/7/00	2/24/00
Randy R. Kimmes (winterover #)	2/1/99	10/6/99
Matthew Kippenhan	10/1/99	2/17/00
Alison Klein (winterover #)	2/5/99	10/6/99
Alison Klein (winterover)	1/30/00	
Joyce M. Klenotich	10/19/99	2/7/00
Brian E. Kliesen	10/7/99	2/7/00
Kelly M. Knight	10/16/99	2/17/00
Ronald G. Koger	8/20/99	8/26/99
David Kohring	10/20/99	1/20/00
David Kohring (winterover)	2/1/00	
Chris B. Koich	8/22/99	2/18/00
William F. Koleto, Jr.	1/14/00	2/7/00
Scott G. Konu	10/7/99	1/26/00
Michael R. Krall	8/22/99	2/17/00
Sarah S. Krall	10/6/99	2/17/00
Darby J. Kronstedt	8/26/99	10/22/99
Darby J. Kronstedt	10/25/99	11/28/99
Darby J. Kronstedt	11/30/99	12/4/99
Darby J. Kronstedt	12/6/99	12/24/99
Darby J. Kronstedt	12/29/99	1/31/00
Christopher Kugelman	10/7/99	2/21/00
Marin C. Kuizenga	8/26/99	2/18/00
Bryan T. Kunze	9/30/99	2/9/00
Stephen E. Kupecz	10/13/99	2/9/00
Kaci J. Kurtti	8/22/99	2/16/00
Paul E. Kyllonen	10/14/99	2/13/00
Curtis D. La Bombard	10/1/99	2/17/00
Richard D. Lacasse	10/6/99	2/9/00

	Dates in Antarctica	
	<u>Arrived</u>	<u>Departed</u>
Noelle D. Lalario (winterover)	10/14/99	
Jason Lam	10/6/99	2/9/00
George Lampman (winterover #)	2/17/99	10/19/99
George Lampman (winterover)	2/13/00	
Leroy Lancaster	8/22/99	2/18/00
Victoria G. Landgraf (winterover #)	2/17/99	10/20/99
Joshua C. Landis	10/14/99	2/9/00
Robert F. Lanterman (winterover #)	9/1/98	10/13/99
Roy D. Largent (winterover)	2/18/00	
Kenneth E. Laskowski (winterover #)	10/13/98	10/13/99
William J. Layman, Jr. (winterover #)	8/22/98	10/13/99
William J. Layman, Jr. (winterover #)	2/16/00	
Jacqueline Learned (winterover #)	1/28/99	10/6/99
Thomas W. Learned (winterover #)	2/3/99	10/6/99
Diana J. Lehman	8/26/99	2/24/00
Gregory S. Lehman	8/22/99	2/24/00
Haven T. Leikam	10/14/99	12/6/99
Mark Lemke (winterover #)	2/17/99	10/7/99
Mark Lemke (winterover)	2/4/00	
Carmen M. Lemon (winterover #)	10/13/98	10/13/99
Carmen M. Lemon (winterover)	1/21/00	
Zellard Lemon (winterover)	2/4/00	
Christian T. Lesiak (winterover)	10/13/99	
Randy Leuthard (winterover #)	2/22/99	10/1/99
Christine M. Levesque	9/30/99	2/24/00
Lawrence E. Levin (winterover #)	9/1/98	12/6/99
Lawrence E. Levin	12/19/99	2/7/00
Sharon M. Lewis	10/6/99	2/24/00
Robert A. Liben	10/7/99	2/24/00
Peggy M. Lind (winterover #)	10/16/98	10/6/99
Elizabeth M. Lindau	10/19/99	2/4/00
Matthew R. Lindell	8/22/99	2/16/00
Kelly C. Lipps	10/14/99	2/17/00
Debra P. Lisik (winterover #)	2/5/99	10/13/99
George Lisik (winterover #)	2/5/99	10/13/99
Terry J. Litman	8/22/99	2/24/00
Levi R. Littrell (winterover)	10/14/99	
Kathryn E. Locke	10/7/99	2/16/00



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Michiel E. Lofton	10/20/99	1/29/00
Michiel E. Lofton (winterover)	2/7/00	
Andrew D. Logan	11/14/99	1/20/00
Andrew D. Logan	2/9/00	2/15/00
Gregory K. Lohse	12/24/99	2/17/00
Dennis D. Long	10/13/99	12/10/99
Susan Long (winterover)	10/7/99	
Robin L. Lovato	10/7/99	2/13/00
Ann C. Lowery (winterover #)	10/13/98	10/13/99
Kimberly A. Luber	1/25/00	2/18/00
Ryan E. Luedtke	10/16/99	1/29/00
Ryan E. Luedtke (winterover)	2/7/00	
Peter M. Lund (winterover #)	1/28/99	10/15/99
Bevin A. Lynch (winterover #)	2/5/99	10/15/99
Bevin A. Lynch (winterover)	2/4/00	
Sally A. Lyon	10/13/99	2/24/00
Josh D. Maddalone	8/22/99	2/9/00
Amy L. Madden	10/6/99	2/24/00
Catherine Madrigal	1/19/00	2/1/00
Noreen M. Mahon	10/13/99	2/18/00
Wendy J. Mahovlic	10/7/99	2/17/00
Michelle R. Majerus	10/6/99	2/17/00
Nicole R. Majerus	8/26/99	2/24/00
Gregory J. Majerus, Jr.	10/16/99	2/13/00
Larry C. Male	2/1/00	2/16/00
Mary M. Malloy	9/30/99	2/16/00
Benjamin Mann (winterover #)	2/5/99	10/13/99
Jessica A. Manuel	10/14/99	2/24/00
Peter A. Marchetti	11/23/99	2/17/00
Sandra L. Markle (winterover)	2/4/00	
Patricia A. Maroda	10/7/99	2/17/00
Craig J. Martin	8/22/99	8/26/99
Karyn E. Martin	11/23/99	2/17/00
Marvin E. Martin (winterover #)	9/1/98	2/18/00
Patricia K. Martin	10/14/99	2/16/00
Jeffrey J. Matney (winterover #)	8/31/98	9/30/99
Alissa C. Maxwell	12/24/99	2/17/00
James H. Mc Cabe	8/22/99	2/21/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Nathan A. Mc Cabe	10/1/99	2/16/00
Forrest G. Mc Carthy	9/30/99	2/4/00
William J. Mc Cormick	9/30/99	12/14/99
William J. Mc Cormick	12/21/99	2/16/00
John P. Mc Cullough (winterover #)	9/1/98	10/6/99
Frederick D. Mc Dougall (winterover #)	2/22/99	11/11/99
Denton D. Mc Glothlin	10/13/99	2/17/00
Kelly R. Mc Glothlin (winterover)	2/4/00	
Patricia S. Mc Glothlin	10/13/99	2/17/00
Scott E. Mc Glothlin (winterover)	10/6/99	
Shaun L. Mc Graw (winterover)	2/18/00	
Jon J. Mc Intyre (winterover)	2/4/00	
Alonza B. Mc Keel	10/13/99	2/7/00
Randall L. Mc Kenney	8/26/99	2/24/00
Joanne E. Mc Mullen (winterover #)	2/5/99	10/13/99
Geordan C. Mc Quiston (winterover)	8/22/99	
Samantha S. Mc Quiston (winterover)	8/22/99	
Shannon B. Mc Ree (winterover #)	2/18/99	10/15/99
Ryan T. Mc Williams	9/30/99	11/26/99
Ryan T. Mc Williams	12/12/99	2/24/00
James B. McAdam (winterover #)	2/17/99	1/6/00
Anna M. Meade (winterover #)	12/23/98	10/15/99
Anna M. Meade (winterover)	1/30/00	
Jerome C. Meader	10/7/99	2/24/00
Matthew G. Mechem (winterover #)	2/22/99	10/13/99
Mark B. Melcon	8/20/99	2/18/00
Linda L. Mellman	10/16/99	2/18/00
Douglas E. Merkle	10/7/99	2/18/00
Bobby W. Meyer	10/7/99	2/24/00
William J. Meyer	10/7/99	2/16/00
John R. Meyers	10/22/99	2/13/00
Barry O. Michaelis (winterover #)	2/17/99	10/6/99
James G. Mickelson	8/22/99	2/16/00
Steven L. Mikel (winterover #)	8/31/98	10/20/99
Steven L. Mikel (winterover)	2/4/00	
Victoria W. Miles	10/19/99	2/18/00
Robert T. Milford	8/26/99	2/17/00
Brandon Q. Miller	10/6/99	2/17/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Brian H. Miller	8/22/99	2/17/00
Deanna L. Miller	10/6/99	2/24/00
Gary A. Miller (winterover)	10/7/99	
Geoff H. Miller	10/1/99	2/17/00
Thomas R. Miller	10/13/99	11/24/99
William H. Miller	10/1/99	12/14/99
Linda L. Mills	10/22/99	11/8/99
Linda L. Mills	2/1/00	2/4/00
Stephanie E. Mills (winterover #)	2/17/99	1/6/00
David Minor (winterover #)	9/1/98	10/15/99
Larry Mjolsness (winterover #)	2/12/99	10/6/99
Jennifer C. Moe (winterover #)	2/1/99	10/15/99
Alicia M. Moore	10/30/99	2/24/00
Melvin J. Moore	11/8/99	2/18/00
Sally H. Moore	8/26/99	2/18/00
Alexander H. Morris	10/7/99	2/16/00
Christine K. Morrison	11/8/99	2/24/00
Kevin M. Morrison	12/17/99	1/31/00
David A. Moschner	10/13/99	11/20/99
Pamela A. Moser	10/6/99	2/9/00
Jennifer D. Moxon (winterover #)	10/4/98	10/15/99
Marian E. Moyher	1/5/00	2/17/00
Elizabeth A. Muck (winterover #)	2/17/99	10/22/99
Elizabeth A. Muck (winterover)	2/13/00	
Benjamin A. Muir	9/30/99	12/28/99
Diana C. Munch (winterover #)	2/11/99	9/30/99
James R. Muntz	10/16/99	2/17/00
Jean-Phil Murad	10/6/99	12/28/99
Jay K. Murphy (winterover #)	2/18/99	10/13/99
Shonda D. Murray	8/20/99	2/21/00
Trent S. Myers	9/30/99	2/24/00
Daniel D. Naber (winterover)	10/14/99	
Suzanne E. Navarro (winterover #)	10/13/98	10/6/99
Dawn M. Needham	8/22/99	2/24/00
David A. Neeley	8/22/99	2/24/00
Mark S. Neeley	10/6/99	2/16/00
Michael A. Nelms	10/6/99	2/17/00
Grant W. Nelson	10/19/99	2/7/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
William J. Nesbit	10/7/99	2/16/00
Gerald T. Ness (winterover #)	2/1/99	10/13/99
Gerald T. Ness (winterover)	2/9/00	
Kelly A. Nevins (winterover)	10/14/99	
Richard C. Newby (winterover)	10/14/99	
Shari J. Newitt	10/7/99	2/18/00
Ryan D. Newport	10/14/99	2/21/00
Karl D. Newyear	12/24/99	2/17/00
Darryl R. Nichols (winterover #)	2/17/99	10/6/99
William A. Nicholson	8/20/99	2/16/00
Living A. Nightingale	8/22/99	2/24/00
Gerald M. Nix	8/26/99	10/25/99
David A. Noble	8/26/99	2/9/00
Thomas L. Noble	10/7/99	2/18/00
David M. Nold (winterover #)	2/8/99	8/26/99
David M. Nold	1/5/00	2/9/00
Sean T. Nordquist (winterover #)	1/20/99	10/6/99
Randall H. Noring	10/7/99	1/20/00
Randall H. Noring (winterover)	1/30/00	
Carl F. Norris (winterover #)	2/17/99	10/6/99
Carl F. Norris	1/21/00	2/17/00
Jennifer S. Norton	10/7/99	12/5/99
Albert W. O' Kelly (winterover #)	2/8/99	10/6/99
Mark P. O' Shea	10/30/99	2/13/00
Allisha G. Ochs	8/26/99	2/3/00
Jeanmarie R. Offner	10/7/99	2/17/00
Jo Marie O'Kelly (winterover #)	2/3/99	10/6/99
Francine K. Oliver (winterover)	10/7/99	
Gloria S. Oswald	10/7/99	2/24/00
Michelle L. Ott	9/30/99	2/17/00
Ryan D. Owens	12/21/99	2/24/00
Richard L. Owens, Jr. (winterover #)	10/13/98	10/6/99
Richard L. Owens, Jr. (winterover)	2/24/00	
Robert H. Palko (winterover #)	2/17/99	10/13/99
Robert H. Palko (winterover)	2/18/00	
Philip T. Parfet	10/13/99	11/8/99
Philip T. Parfet	11/14/99	2/9/00
Rebecca J. Parfet	9/30/99	2/24/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
John W. Parish	10/13/99	2/17/00
Elizabeth E. Parker	10/1/99	2/18/00
Michelle L. Parkhurst (winterover)	10/7/99	
Patrick W. Parkinson	10/7/99	2/24/00
James G. Pasola	10/6/99	1/31/00
James G. Pasola (winterover)	2/13/00	
Karen E. Pavich	10/7/99	2/24/00
Michael B. Pearson	10/14/99	2/24/00
Jonathan M. Penfield	10/14/99	1/31/00
Jonathan M. Penfield (winterover)	2/16/00	
James P. Penkusky, Jr.	9/30/99	2/24/00
Richard Perales	10/6/99	2/17/00
Wendy Perdue	2/1/00	2/17/00
Markaaron Perry (winterover)	1/21/00	
Mitchell R. Perry	10/6/99	2/13/00
Stephen H. Perry	10/16/99	2/3/00
Jeffrey K. Peterzen	10/30/99	2/17/00
Joseph R. Pettit (winterover #)	10/13/98	10/22/99
James G. Phillips	10/1/99	1/6/00
Rocklynn J. Phillips	10/14/99	2/13/00
Richard L. Pierce (winterover #)	1/28/99	10/13/99
Richard P. Pietrek (winterover #)	8/22/98	10/6/99
Thomas E. Piwowarski	10/7/99	2/24/00
Matthew Plumlee	10/16/99	2/24/00
Marc D. Pomeroy	10/22/99	2/17/00
Lorie R. Poole	10/7/99	2/24/00
Michael F. Poole	10/1/99	1/20/00
Michael F. Poole	1/30/00	2/24/00
Lesia D. Prestridge	10/7/99	2/13/00
Yvonne Price (winterover #)	2/1/99	10/6/99
Jeffrey R. Pricher	10/14/99	2/17/00
Barbara G. Propst (winterover #)	2/18/99	8/27/99
Barbara G. Propst (winterover)	2/4/00	
Julia M. Putman	10/1/99	2/9/00
Gregory L. Quick	10/6/99	2/12/00
Gregory L. Quick (winterover)	2/13/00	
Edward A. Quinn	8/20/99	1/31/00
Edward A. Quinn (winterover)	2/16/00	

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Gerald J. Quinn	10/7/99	2/17/00
Thomas F. Quinn, III	10/16/99	12/20/99
Robert P. Radke	10/13/99	2/16/00
Charles F. Ralph	11/8/99	12/13/99
Yvonne E. Ramage	8/22/99	12/21/99
James Raml	9/30/99	2/16/00
Jay D. Ranson (winterover)	8/26/99	
Gregory Raver	8/22/99	2/24/00
Wendy R. Raver	8/22/99	2/18/00
Christopher P. Reddin	1/11/00	2/7/00
Martin J. Reed	8/22/99	1/3/00
Martin J. Reed (winterover)	1/19/00	
Clifton Reeder	10/14/99	2/24/00
Jaime M. Reid	10/1/99	2/7/00
Albert Renner	10/6/99	2/16/00
Carlie F. Reum	10/7/99	2/18/00
Raul D. Reyes (winterover #)	10/4/98	10/6/99
David M. Reynolds	12/24/99	2/17/00
Kevin C. Reynolds	8/22/99	2/24/00
Laura T. Rhodes	10/7/99	2/13/00
Christopher M. Rhone	1/14/00	2/1/00
Linda L. Rhone	10/16/99	2/24/00
David H. Ricke, Jr. (winterover)	1/30/00	
Julian B. Ridley (winterover)	9/30/99	
Dylan S. Roan (winterover #)	10/16/98	10/13/99
Dylan S. Roan (winterover)	2/18/00	
Robert G. Robbins	9/30/99	2/17/00
William A. Robertson (winterover #)	1/28/99	10/13/99
William A. Robertson (winterover)	2/16/00	
William G. Robertson	11/23/99	2/7/00
Kenneth E. Robinson (winterover)	2/4/00	
Rhonda K. Rodriguez	10/1/99	2/16/00
Gregory D. Roes	10/13/99	2/18/00
Paul N. Rogers (winterover #)	2/5/99	10/7/99
Paul N. Rogers (winterover)	2/4/00	
Dale P. Role	10/7/99	1/31/00
Dale P. Role (winterover)	2/24/00	
Mark A. Romero	10/7/99	2/24/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Roland F. Romero	9/30/99	10/16/99
Susan M. Root	10/7/99	2/16/00
James W. Ross	8/26/99	2/17/00
Clay A. Rubano	10/7/99	2/24/00
Mary A. Rubarsky	10/6/99	2/24/00
Tia M. Rudolph	8/22/99	11/26/99
Rolland J. Rue	8/22/99	1/17/00
Rolland J. Rue (winterover)	2/9/00	
Olivia T. Ruizamora	8/22/99	2/17/00
Betty Jo Rutledge (winterover #)	2/12/99	10/6/99
Kerry S. Rutz	10/14/99	2/13/00
Michael A. Rutz	10/13/99	2/7/00
George L. Ryan	12/17/99	1/31/00
George L. Ryan (winterover)	2/9/00	
Aniko K. Safran	10/7/99	2/9/00
Jackie T. Samuel, Sr.	2/1/00	2/18/00
Teresa K. Samuels	10/13/99	11/8/99
Teresa K. Samuels	12/22/99	2/9/00
Patricia A. Sanders	12/4/99	2/24/00
Rhea D. Sanders	10/1/99	2/16/00
Patricia S. Sauder-Nelms	10/6/99	2/17/00
Carol A. Savage	10/19/99	1/6/00
Carol A. Savage	1/25/00	2/12/00
Carol A. Savage (winterover)	2/13/00	
Jeffrey C. Scanniello	8/20/99	2/24/00
Christopher M. Scavone (winterover #)	2/12/99	10/25/99
Christopher M. Scavone (winterover)	2/13/00	
Justin J. Schaefer	10/13/99	2/13/00
Valerie L. Schaffner	10/16/99	2/13/00
Jake Schas (winterover #)	1/16/99	10/13/99
Christopher D. Schauster	10/16/99	11/13/99
Julie L. Scheffer	10/7/99	2/24/00
Monika J. Scherthanner (winterover #)	2/17/99	10/6/99
John D. Scheuerman	11/28/99	12/16/99
Terry L. Schild	10/7/99	2/18/00
Bradford F. Schirle	10/14/99	12/10/99
Kristin J. Schleufer	8/26/99	2/16/00
Galen R. Schlich	10/6/99	2/13/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Keith D. Schmidt (winterover #)	2/5/99	10/6/99
Alan Schoenwald	8/22/99	2/7/00
Joe C. Schouten	10/6/99	2/24/00
Patrick M. Schuman	9/30/99	2/17/00
Tobias P. Schunck	10/14/99	2/18/00
Vincent J. Scopa (winterover)	1/30/00	
Roberta A. Score	8/20/99	2/17/00
Kristin L. Scott	10/19/99	1/13/00
Craig Sears (winterover #)	2/2/99	10/13/99
Sarah Searson	2/9/00	2/15/00
Richard L. Segler (winterover #)	2/5/99	10/13/99
Meghan K. Seifert	12/12/99	2/17/00
Corky J. Self (winterover #)	2/12/99	10/13/99
David L. Selzler (winterover #)	10/30/98	10/13/99
David L. Selzler (winterover)	2/18/00	
Jennifer C. Shaw	10/7/99	2/18/00
Jennifer C. Shaw (winterover)	2/24/00	
Jack Sheets	10/13/99	2/24/00
Elizabeth D. Sheid (winterover #)	2/17/99	10/30/99
Elizabeth D. Sheid (winterover)	2/13/00	
Robert W. Sheid (winterover #)	2/17/99	10/13/99
Robert W. Sheid (winterover)	2/13/00	
Michael G. Shelton	11/8/99	2/13/00
Donald C. Shepherd	10/16/99	12/5/99
Bruce Sherman	10/14/99	2/9/00
Dawn E. Shields (winterover)	2/16/00	
John W. Shigo (winterover)	9/30/99	
Curt P. Shirling	10/13/99	2/24/00
Bryan W. Sholten	2/1/00	2/9/00
Rebecca J. Shoop	8/20/99	1/13/00
Beverly D. Shuster	10/16/99	2/24/00
Thomas E. Sibson (winterover #)	10/22/98	10/13/99
Annette G. Sickler (winterover #)	10/4/98	10/13/99
Annette G. Sickler (winterover)	1/30/00	
Neysa J. Siedlecki (winterover #)	2/5/99	10/13/99
Eric N. Siemer	9/30/99	2/17/00
John D. Simonson (winterover #)	2/22/99	10/18/99
Stephen M. Simpson (winterover #)	2/3/99	10/6/99



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Stephen M. Skicki	10/7/99	2/24/00
David M. Smith (winterover #)	2/5/99	9/30/99
Dylan J. Smith	10/7/99	2/9/00
Glen A. Smith	1/5/00	2/1/00
Jonathan W. Smith (winterover #)	1/28/99	10/6/99
Jonathan W. Smith (winterover)	2/4/00	
Rick E. Smith	8/26/99	1/31/00
Rick E. Smith (winterover)	2/24/00	
Timothy A. Smith	10/19/99	1/17/00
Timothy A. Smith (winterover)	2/9/00	
Dorian Smithey	10/20/99	12/6/99
Jeffrey R. Snead	12/29/99	1/31/00
Nalini C. Snell	10/13/99	2/13/00
Nalini C. Snell (winterover)	2/24/00	
Harry B. Snyder	11/14/99	2/13/00
Michael Snyder	8/26/99	11/19/99
Kathleen H. Soutter	9/30/99	2/17/00
Sharon R. Spain	10/7/99	2/13/00
Aaron J. Spitzer	10/14/99	1/31/00
Donald M. Squier	10/6/99	1/31/00
Donald M. Squier (winterover)	2/16/00	
Michael Stachow	8/22/99	1/17/00
Michael Stachow (winterover)	2/7/00	
Thomas J. Staudt	10/14/99	2/24/00
Cynthia S. Stebar (winterover)	12/17/99	
Nancy E. Steck	10/14/99	12/21/99
Dana L. Stephens	10/7/99	2/1/00
Kenneth R. Stephens (winterover #)	10/4/98	10/6/99
Kevin H. Stephens	10/13/99	12/24/99
James A. Stephenson (winterover #)	2/3/99	10/6/99
Joseph E. Stermer (winterover #)	2/18/99	10/6/99
David J. Stevens (winterover #)	2/17/99	10/6/99
Patrick D. Stevens (winterover #)	1/11/99	12/6/99
Patrick D. Stevens	12/14/99	2/3/00
Shane E. Stevens	10/6/99	1/26/00
Shane E. Stevens (winterover)	2/9/00	
Caprice Stevenson	10/13/99	2/9/00
Caprice Stevenson (winterover)	2/16/00	

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
David E. Stillie	10/13/99	2/24/00
Sharon E. Stillie	10/13/99	2/24/00
Richard G. Stimson (winterover #)	10/13/98	10/6/99
Edward R. Stockard	10/1/99	2/17/00
James A. Stoll (winterover)	8/22/99	
Alan J. Stone	10/1/99	2/24/00
Joshua A. Stone	10/13/99	1/10/00
Joshua A. Stone (winterover)	1/30/00	
Hope Stout	10/6/99	2/24/00
Roren L. Stowell (winterover #)	9/1/98	10/15/99
Fred W. Stuart	12/24/99	2/16/00
Eric J. Sturm	10/14/99	2/24/00
Douglas F. Stuth (winterover #)	2/22/99	10/13/99
Natalie J. Sudman	10/14/99	2/9/00
Kathleen M. Suit	10/14/99	2/1/00
Duane Sundin (winterover #)	2/17/99	10/13/99
Duane Sundin (winterover)	2/13/00	
Elizabeth Sutter	10/16/99	2/18/00
Joshua D. Swanson	11/8/99	2/4/00
Debbra Sweda	10/6/99	2/16/00
Eileen C. Tams (winterover #)	1/28/98	8/26/99
Eileen C. Tams	2/1/00	2/18/00
Scott C. Taube	8/22/99	2/24/00
Vilmar F. Tavares	10/1/99	2/16/00
Robert C. Taylor	8/22/99	2/24/00
Scott H. Taylor	10/6/99	2/9/00
Gary W. Teetsell (winterover #)	2/11/99	10/16/99
Christopher M. Teske (winterover)	10/13/99	
Robert R. Teuscher	10/7/99	2/18/00
James E. Thate	8/20/99	11/24/99
Jeffery Thompson	1/4/00	2/9/00
William A. Thompson (winterover #)	9/1/98	10/6/99
William A. Thompson (winterover)	2/13/00	
Paul E. Thur (winterover #)	2/3/99	10/6/99
John L. Thurman	10/14/99	2/17/00
Lauren N. Tobey	10/13/99	1/31/00
Ann F. Tolo	10/7/99	2/24/00
Elizabeth Traver (winterover #)	2/3/99	10/13/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Elizabeth Traver (winterover)	2/4/00	
Mathew M. Truman	10/7/99	2/17/00
Monika R. Tucker	8/26/99	2/24/00
Jonnette P. Tuft (winterover #)	10/13/98	10/15/99
David J. Turley	10/6/99	10/22/99
David J. Turley	11/8/99	12/14/99
David J. Turley	1/5/00	2/12/00
William J. Turnbull	9/30/99	2/24/00
Peter B. Tustin	10/14/99	2/17/00
Julia M. Uberuaga	10/13/99	2/18/00
Cherie J. Ude (winterover #)	2/17/99	10/18/99
Anne E. Udry	10/1/99	1/6/00
Anne E. Udry (winterover)	1/19/00	
Richard A. Vaitonis (winterover)	10/7/99	
Michael L. Varney	10/6/99	2/17/00
Bert M. Vermeulen	10/16/99	2/17/00
Brandon S. Vernon (winterover)	8/20/99	
Thomas E. Vernon (winterover)	8/20/99	
Anne C. Vick	11/23/99	1/20/00
Tom Vinson	10/13/99	2/13/00
Eric D. Volkert (winterover #)	2/17/99	10/15/99
David R. Voorhees	10/14/99	2/13/00
Kirsten A. Wade	10/14/99	2/7/00
Joshua R. Wagner	8/22/99	2/17/00
Megan M. Walhood	10/7/99	2/16/00
Bonnie S. Walker	10/16/99	2/18/00
Karen M. Walker	10/14/99	2/17/00
James A. Wallman	10/1/99	2/24/00
Christopher J. Walton (winterover #)	2/5/99	10/13/99
Geoffrey F. Wang	10/13/99	2/13/00
Cherie Warren	11/23/99	2/7/00
Cherie Warren (winterover)	2/16/00	
Jeanine F. Watkins (winterover #)	10/3/98	10/13/99
Edward C. Wayne (winterover)	1/21/00	
David A. Weber (winterover)	10/7/99	
Randy W. Weinmeister (winterover #)	2/12/99	10/13/99
Elise C. Welterlen	10/14/99	2/21/00
Bret A. Wentworth	10/14/99	2/17/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
David L. Werner	8/22/99	1/20/00
Timothy P. Werner	10/16/99	2/7/00
Keith Weston (winterover)	8/26/99	
Meliza Wetzler	10/13/99	2/13/00
Courtney E. Whalen- Benedict	10/14/99	1/31/00
Courtney E. Whalen- Benedict (winterover)	2/16/00	
Brian P. Wheeler	8/20/99	2/24/00
Andrew D. White	10/14/99	1/31/00
Andrew D. White (winterover)	2/13/00	
Douglas J. White	10/7/99	2/3/00
Douglas J. White (winterover)	2/24/00	
Kirby F. White	10/6/99	2/24/00
John B. White, Jr. (winterover #)	9/1/98	10/6/99
David L. Whitmore	12/4/99	2/24/00
Mimi K. Whitney (winterover #)	11/1/98	10/6/99
Kenneth Wilbert	10/7/99	2/13/00
Kimberly S. Wilcox	10/16/99	2/18/00
Louis R. Wilcox	10/13/99	2/18/00
Adrienne Willeford	10/13/98	8/20/99
Adrienne Willeford (winterover #)	8/26/99	10/6/99
David Williams	10/14/99	2/1/00
Lisa B. Williams	10/6/99	2/16/00
William C. Williams (winterover #)	2/17/99	8/20/99
William C. Williams	8/26/99	10/15/99
Shannon M. Wilson (winterover)	2/4/00	
Christopher T. Wilt (winterover #)	2/5/99	10/16/99
Christopher T. Wilt (winterover)	2/16/00	
Bruce Windorski (winterover #)	2/17/99	11/8/99
Cicely A. Wingate	10/19/99	2/17/00
Gary C. Winslow (winterover)	10/30/99	
Heath M. Wolfe	10/19/99	2/9/00
Kimberly R. Wolfe	10/22/99	2/7/00
Norman O. Wolfe	10/14/99	11/19/99
Thomas J. Wolff	10/14/99	2/24/00
Alan B. Wood (winterover)	8/26/99	
Thomas M. Wood	8/22/99	11/16/99
Toby R. Wood	8/26/99	2/13/00
Debra Woods	10/7/99	2/24/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
John C. Woods	10/30/99	2/16/00
Terrence L. Woods	10/7/99	2/24/00
Joseph W. Yarkin	10/14/99	1/10/00
Kathy A. Young	10/20/99	2/16/00
Marilyn J. Younger (winterover #)	2/5/99	10/6/99
Marilyn J. Younger	1/21/00	
Mark J. Zajkowski	10/7/99	2/18/00
David A. Zastrow	10/20/99	2/1/00
Tanya L. Zastrow	11/8/99	2/1/00
Stephen J. Zellerhoff (winterover #)	2/18/99	10/13/99
Todd M. Zender	8/26/99	2/17/00
David A. Ziccardi	10/13/99	2/9/00
Libor Zicha (winterover #)	10/13/98	12/14/99
Robert E. Zimmerman (winterover)	10/13/99	
Robert B. Zook	8/26/99	1/17/00
Robert B. Zook (winterover)	2/18/00	

### **South Pole Station Area**

Donna Aldrich (winterover #)	11/9/98	10/30/99
Robert H. Allard (winterover #)	11/2/98	11/8/99
Jeffrey S. Ames	10/30/99	1/31/00
Teddy E. Anderson	10/30/99	2/16/00
Dennis W. Aukerman (winterover #)	1/15/99	11/11/99
Sally B. Ayotte	10/20/99	2/16/00
Tom G. Barker (winterover)	10/7/99	
Lisa M. Beal (winterover #)	10/25/98	11/9/99
Sheridan O. Becker	10/30/99	2/7/00
Wendy R. Beeler (winterover #)	2/5/99	11/8/99
Darin J. Bell	10/20/99	1/26/00
Darin J. Bell (winterover)	2/9/00	
Lisa J. Berry (winterover)	10/16/99	
Edward T. Blain	10/13/99	2/16/00
Daren S. Blythe (winterover)	10/20/99	
Bruce R. Bold	10/30/99	2/13/00
Vincent P. Bollinger	10/30/99	2/16/00
Paul D. Bomers	8/22/99	2/24/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Jared R. Bonea	10/30/99	11/16/99
Michael J. Boyce	10/30/99	2/16/00
Blayde D. Boyd	10/19/99	2/9/00
Yubecca L. Bragg (winterover #)	1/20/99	11/8/99
Carol A. Braun	10/13/99	2/16/00
Timothy Briggs (winterover #)	10/16/98	11/8/99
Alexandra C. Brown	10/19/99	2/16/00
Larry P. Brown	10/14/99	2/17/00
Laura V. Campbell	10/20/99	11/24/99
David A. Carlson	11/8/99	2/16/00
Holly D. Carlson	10/30/99	2/16/00
Robert D. Carlson	10/30/99	1/31/00
Robert D. Carlson (winterover)	2/13/00	
Thomas L. Carlson (winterover #)	10/28/98	11/8/99
Diana L. Ciserella	10/16/99	12/10/99
Richard S. Clements	11/23/99	1/20/00
Kent L. Colby	10/30/99	2/24/00
Neil R. Conant, Jr.	10/20/99	2/16/00
Brian J. Connell	10/19/99	2/24/00
Jon A. Conrad	10/20/99	12/28/99
Steven J. Cooper	10/20/99	2/13/00
John H. Corbin	10/13/99	2/16/00
Warren J. Crane (winterover)	10/16/99	
Christopher F. Craver	10/20/99	2/13/00
Robert G. Czarnecki	10/30/99	1/6/00
Patrick O. Daley	10/19/99	11/14/99
Paul C. Daniels (winterover #)	2/21/99	10/6/99
Michael R. Davis (winterover)	11/8/99	
Robert D. De Valentino	10/20/99	2/16/00
James Del Duca	10/30/99	12/31/99
Robert M. Dunn (winterover)	10/16/99	
Kimberly A. Durovec	10/16/99	2/7/00
Gregory E. Ebersohl	10/16/99	11/8/99
Thomas R. Ellis	10/30/99	12/16/99
Brian R. Ellspermann (winterover)	10/13/99	
Jon F. Emanuel	10/20/99	2/16/00
James W. Evans (winterover #)	10/16/98	10/17/99
Elisabeth D. Fano (winterover)	12/31/99	

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Margo M. Fernandez	10/30/99	2/7/00
Dwight J. Filer	10/30/99	2/13/00
Garth Finley	10/13/99	2/13/00
Walter D. Fischel (winterover #)	2/12/99	11/8/99
Jason R. Fisher	10/30/99	1/31/00
Joseph P. Flynn	10/20/99	2/13/00
Jay S. Ford (winterover)	10/30/99	
Larry D. Fordyce (winterover #)	2/1/99	10/26/99
Jennifer L. Fox (winterover)	10/20/99	
Sebastian N. Frank	10/16/99	2/13/00
Karl R. Frei	10/30/99	12/5/99
John Gallagher	10/20/99	2/16/00
Loree M. Galpin (winterover #)	10/25/98	11/8/99
Gregory P. Gerbi	10/13/99	2/16/00
Chris L. Getz (winterover #)	1/20/99	11/16/99
Joseph J. Gibbons	10/30/99	1/29/00
Joseph J. Gibbons (winterover)	2/1/00	
Dar E. Gibson (winterover #)	10/25/98	11/8/99
Eva L. Gilliam	10/30/99	2/16/00
Michael L. Gomez	10/20/99	12/18/99
Michael L. Gomez (winterover)	12/23/99	
Roger L. Gorman	10/20/99	2/1/00
Joseph D. Gowdy	10/20/99	2/4/00
Bettie K. Grant	10/20/99	2/16/00
Cheryl A. Hansen	10/30/99	2/1/00
Jennifer Hassman	1/25/00	
Richard F. Higgins (winterover #)	11/1/98	11/8/99
AC Hitch	10/13/99	2/7/00
Gretchen Holbrook	10/30/99	2/13/00
Rebecca A. Hollobon (winterover)	10/1/99	
Glenn J. Hollowell	10/13/99	1/31/00
Jason M. Holmes (winterover)	10/20/99	
Roger Hooker (winterover #)	11/2/98	10/30/99
Gerald M. Horning (winterover #)	11/2/98	10/6/99
Scott E. Hulse (winterover)	10/20/99	
Cheryl J. Humme (winterover)	10/20/99	
Thomas D. Hutchings	10/20/99	12/14/99
Eivind B. Jensen	10/20/99	2/13/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
William A. Johnson (winterover #)	11/2/98	12/21/99
Todd D. Jones	11/8/99	2/16/00
Kelly Kaletsky (winterover)	1/30/00	
David Kane (winterover #)	11/2/98	10/18/99
Matthew R. Kelley (winterover)	10/30/99	
Paul A. Kindl (winterover #)	11/1/98	10/26/99
Noel V. Koppisch (winterover)	10/30/99	
Steven T. Kottmeier	12/31/99	2/17/00
Joseph G. Kushner	10/30/99	2/1/00
Carroll B. Land (winterover #)	2/5/99	10/6/99
Carroll B. Land (winterover)	1/21/00	
Rob Leeth	10/20/99	2/9/00
Mark T. Lehman	11/8/99	2/9/00
Mary E. Lenox	10/20/99	2/3/00
Eugene A. Levine	10/30/99	2/7/00
Martin E. Lewis	11/18/99	2/16/00
Richard C. Lichtenhan	10/16/99	2/24/00
Kenneth Lobe (winterover #)	10/25/98	2/13/00
Liza C. Lobe (winterover #)	10/25/98	12/6/99
Diana J. Logan	10/20/99	2/16/00
James E. Lyons	10/30/99	2/1/00
Matthew D. Mac Issac	10/30/99	12/10/99
Stephen G. Maguire	11/8/99	1/31/00
Andres Martinez	10/20/99	2/3/00
Mike Masterman (winterover #)	10/25/98	10/16/99
Lance C. Mathews	10/30/99	11/9/99
David C. Mc Donald (winterover)	10/7/99	
John P. Mc Mullan	10/20/99	2/17/00
Raymond G. Medina	10/30/99	12/22/99
Louise J. Mercier	11/8/99	2/9/00
Jed A. Miller	10/20/99	2/16/00
Richard M. Monce	10/16/99	2/16/00
Kristine D. Moore (winterover)	10/20/99	
Jason S. Neely	10/13/99	2/16/00
Jerri L. Nielson (winterover #)	11/19/98	10/16/99
Richard P. Overbeck	10/14/99	2/13/00
Eric W. Palmer	10/20/99	2/13/00
Stan L. Pappas	1/14/00	2/1/00



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Michael P. Papula	11/28/99	12/14/99
Harry W. Paul	10/30/99	12/10/99
James Pederson	10/30/99	2/7/00
John W. Penney (winterover #)	10/13/98	11/24/99
Traci L. Perdue	10/20/99	2/13/00
John S. Peters	10/19/99	2/16/00
Brett C. Pickering	10/16/99	2/16/00
Patrick J. Plaia	10/19/99	2/16/00
Evan F. Ramsey	10/30/99	2/3/00
Dale I. Randolph (winterover)	10/20/99	
Suzanne E. Reddy	10/20/99	2/16/00
Juan J. Reyes	10/16/99	2/17/00
Mosaddeque Reza (winterover #) (Bangladesh)	11/23/98	11/8/99
John A. Richard (winterover)	12/4/99	
Robert E. Ricketson	10/16/99	2/16/00
Henry N. Robar	10/16/99	2/17/00
Janina M. Robinson	10/20/99	2/16/00
Gary P. Rochford	11/8/99	2/13/00
Christopher G. Rock	10/20/99	10/30/99
Christopher G. Rock (winterover)	11/28/99	
Ethan J. Rogers	10/19/99	2/24/00
Nan K. Rogers	10/20/99	2/16/00
Stephanie M. Rowatt	10/20/99	2/17/00
Jeffrey P. Ryan (winterover)	10/14/99	
David A. Salisbury	10/30/99	2/16/00
James D. Sallis	10/1/99	11/19/99
James D. Sallis	12/4/99	2/16/00
Susan D. Sawtelle	10/20/99	1/8/00
Susan D. Sawtelle (winterover)	1/21/00	
Heidi E. Scherthanner (winterover #)	11/2/98	11/8/99
Robert P. Schneider	10/30/99	2/9/00
Wesley W. Schuchman (winterover)	10/20/99	
Wolf A. Schwarz	10/20/99	1/13/00
Tracy J. Sheeley	10/20/99	2/16/00
Holly M. Shepley	10/30/99	2/3/00
Brian L. Shunamon (winterover #)	1/15/99	11/9/99
Rebecca A. Simonson (winterover)	1/21/00	
Jennifer A. Slakie	10/30/99	2/13/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
James F. Slaughter (winterover #)	11/2/98	11/26/99
David W. Smith	10/20/99	11/24/99
David W. Smith (winterover)	12/15/99	
Scott F. Smith	10/14/99	10/25/99
Kurt Sobanja	10/20/99	2/17/00
Jeremy W. Sohlstrom	10/20/99	2/16/00
Charles G. Speidel (winterover #)	10/29/98	1/4/00
Joseph Speidel (winterover)	10/20/99	
Kirk E. Spelman (winterover #)	10/29/98	11/9/99
Marc D. Staker	10/30/99	1/31/00
Marc D. Staker (winterover)	2/4/00	
Thomas M. Stephens	10/30/99	12/10/99
Christian D. Stevens	10/30/99	2/16/00
Paul J. Sullivan	10/21/99	2/17/00
Timothy G. Sullivan	10/30/99	2/9/00
Winfield Z. Taylor (winterover)	10/20/99	
Timothy J. Thomas	10/30/99	1/31/00
Carl A. Thomason	10/19/99	11/14/99
Douglas A. Thompson	10/13/99	2/7/00
Robert S. Thompson (winterover)	10/22/99	
Gary D. Tickner	10/16/99	2/16/00
Christopher W. Townsend	10/30/99	1/31/00
Daniel D. Trimarco	10/19/99	11/14/99
Curtis A. Trimble (winterover #)	2/12/99	12/28/99
Jonathon A. Tripp	10/30/99	1/31/00
Kevin Van Treeck	10/13/99	2/16/00
Thomas R. Verville	10/14/99	2/16/00
Carlton R. Walker	10/13/99	1/29/00
Floyd W. Washington (winterover #)	2/3/99	11/8/99
Elizabeth J. Watson (winterover #)	10/22/98	11/9/99
Anita J. Werner	10/20/99	2/13/00
Travis R. Wheeler	10/30/99	1/4/00
Travis R. Wheeler (winterover)	1/14/00	
Naomi Whitty	10/20/99	2/16/00
Stephen D. Wing (winterover #)	10/13/98	10/13/99
Sonja E. Wolter	10/30/99	2/4/00
Sonja E. Wolter (winterover)	2/9/00	
Suzanne B. Worker	10/20/99	2/16/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
John H. Wright	10/30/99	2/17/00
Laura Wright	10/30/99	2/16/00
Paul Young (winterover)	10/30/99	
David P. Zimmerman	10/14/99	2/17/00
Jennifer P. Zoerner	10/30/99	2/16/00
David G. Zybowski (winterover)	10/20/99	

### **Palmer Station Area**

Dawn Biddison	30 Sep 98	31 May 99
Matthew D. Bishop	25 Feb 99	25 Sep 99
Rick Bishop	04/30/99	06/03/99
Sheldon Blackman	30 Sep 98	20 Apr 99
John Booth	04/30/99	10/13/99
Alexandra Brown	16 Sep 98	09 Apr 99
Alexander L. Chin	04/30/99	06/03/99
Vincent R. Cox	07/15/99	09/25/99
Todd A. Crawford	25 Feb 99	29 Jun 99
Ross DuPuis	04/30/99	06/03/99
Robert Echelbarger	27 Nov 98	28 Jul 99
Lora Folger	16 Sep 98	20 Apr 99
Richard Kidwell	25 Feb 99	28 Jul 99
Dean Klein	25 Feb 99	25 Sep 99
Walter MacLaughlin	25 Feb 99	25 Sep 99
Kenneth Navarro	25 Mar 99	20 Apr 99
William Nicholson	16 Sep 98	20 Apr 99
Ronald E. Nugent	16 Sep 98	20 Apr 99
Jeff Otten	30 Sep 98	31 May 99
Jeffrey P. Rubio	16 Sep 98	20 Apr 99
Nancy L. Swearingin	25 Feb 99	22 Oct 99
Daniel Weisblatt	27 Nov 98	20 Apr 99
Diane Wetterlin	30 Mar 99	13 Nov 99
Ralph Young	16 Sep 98	24 Mar 00
Danny Aldous	16 Sep 99	18 Oct 99
Robin Armstrong	16 Sep 99	25 Sep 99
John F. Baldelli	09 Jun 99	28 Jul 99
Jeffrey P. Bechtel	08 Feb 00	current

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Lester P. Bracey	15 Jul 99	28 Jul 99
Carol A. Braun	15 Jul 99	28 Jul 99
Carol A. Crossland	24 Mar 99	13 Nov 99
Christopher J. Cuning	24 Mar 99	18 Oct 99
Christopher J. Cuning	07 Mar 00	current
John S. Curry	09 Jun 99	28 Jul 99
Patrick Davis	30 Apr 99	28 Jul 99
Sue Deyoe	28 Oct 99	24 Feb 00
Joseph K. Doggett	05 Jan 99	29 Jan 00
Joseph K. Doggett	16 Sep 99	20 Apr 99
David Doyle	16 Sep 99	18 Oct 99
Richard L. Dwyer	24 Mar 99	20 Apr 99
Robert L. Edwards	19 Dec 99	current
Robert Farrell	12 Oct 99	24 Feb 00
Dave Fischer	12 Oct 99	18 Oct 99
Tim Gish	30 Apr 99	31 May 99
Roger L. Gorman	07 Mar 00	current
Betty Grant	16 Sep 99	25 Sep 99
Cheryl A. Hansen	07 Mar 00	current
Ross H. Hein	16 Sep 99	22 Mar 00
David G. Jennings	24 Mar 99	18 Oct 99
Alana C. Jones	24 Mar 99	24 Mar 00
David Kane	08 Feb 00	current
William B. Kegel	07 Mar 00	24 Mar 00
Dawn La Prete	16 Sep 98	20 Apr 99
Robert Labarre	16 Sep 98	25 Sep 99
Jacy L. Manzke	24 Mar 99	22 Oct 99
Jason A. Medley	24 Mar 99	18 Oct 99
Jason A. Medley	07 Mar 00	current
Steven Meredith	12 Oct 99	18 Oct 99
John S. Mielcarek	15 Jul 99	18 Oct 99
Elissa Mills	16 Sep 99	24 Feb 00
John R. Milner		29 Jan 00
Steve Navaro	28 Oct 99	current
Kenneth Navarro	16 Sep 99	24 Feb 00
Ronald E. Nugent	08 Feb 00	24 Mar 00
Allisha Ochs	07 Mar 00	current
Mark Perry	16 Sep 99	10 Dec 99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Anastasia Rolland	16 Sep 99	24 Feb 00
David Rosenthal	30 Apr 99	28 Jul 99
Liesl A. Schernthanner	15 Jul 99	25 Sep 99
Matt W. Shildneck	09 Jun 99	18 Oct 99
Rebecca Shoop	08 Feb 00	current
David C. Starling	09 Jun 99	29 Jun 99
Marylee Stiehr	08 Feb 00	13 Mar 00
Tracy Stier	08 Feb 00	13 Mar 00
Andrew J. Sutton	16 Sep 99	22 Mar 00
Nancy Swearingen		25 Sep 99
Nancy L. Swearingin	07 Mar 00	current
Robert T. Taylor	24 Mar 99	18 Oct 99
Robert T. Taylor	07 Mar 00	current
Howard Tobin	28 Oct 99	current
Daniel Trimarco	16 Sep 99	25 Sep 99
Keith Tuley	16 Sep 99	24 Feb 00
David J. Turley	15 Jul 99	28 Jul 99
Andrew J. Von Duyke	30 Apr 99	28 Jul 99
Elizabeth J. Watson	07 Mar 00	current
Shannon Womble		18 Oct 99
Gary M. Wright	24 Mar 99	18 Oct 99
John H. Wright	09 Jun 99	28 Jul 99
Joseph Yarkin	08 Feb 00	13 Mar 00
Kathleen A. Gavahan	30 Mar 99	09 Apr 99
Kathleen A. Gavahan	14 Jun 99	12 Jul 99
Paul Huckins	19 Apr 99	08 May 99
Andrew Sutton	16 May 99	03 Jun 99
William A. Young	16 Sep 99	09 Apr 99

***R/V NATHANIEL B. PALMER***

Steven M. Ager	05/16/99	06/03/99
Steven M. Ager		03/29/00
Marta J. Parra Alacron (Chile) (Edison Chouest Offshore)	03/30/99	04/09/99
Marta J. Parra Alarcon (Chile) (Edison Chouest Offshore)	04/19/99	05/08/99
Marta J. Parra Alarcon (Chile) (Edison Chouest Offshore)	05/16/99	06/03/99
Marta J. Parra Alarcon (Chile) (Edison Chouest Offshore)	06/14/99	07/12/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Enrique Alvezo (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Enrique Alvezo (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Enrique Alvezo (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Enrique Alvezo (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Rogelio Ambrocio (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Rogelio Ambrocio (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Rogelio Ambrocio (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Rogelio Ambrocio (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Ruel Ambrocio (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Ruel Ambrocio (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Thomas Baker (Edison Chouest Offshore)	05/16/99	06/03/99
Thomas Baker (Edison Chouest Offshore)	06/14/99	07/12/99
Aaron Bienvenido (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Timothy Bjokne	04/19/99	05/08/99
Joe Borkowski (Edison Chouest Offshore)	03/30/99	04/09/99
Joe Borkowski (Edison Chouest Offshore)	12/24/99	03/29/00
Joe Borkowski (Edison Chouest Offshore)	04/19/99	05/08/99
Joseph Borkowski (Edison Chouest Offshore)	05/16/99	06/03/99
Joseph Borkowski (Edison Chouest Offshore)	06/14/99	07/12/99
Maksym Bosenko (Ukraine) (Edison Chouest Offshore)	05/19/99	06/03/99
Ronnie Carpio (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Ronnie Carpio (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Ronnie Carpio (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Ronnie Carpio (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Ronnie Carpio (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Nicole Carr	04/19/99	05/08/99
Damon Chousel (Edison Chouest Offshore)	03/30/99	04/09/99
Anthony D'Aoust	05/16/99	06/03/99
Fredor De La Cruz (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Fredor Del La Cruz (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Fredor Del La Cruz (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Jesse Doren	03/30/99	04/09/99
Jesse Doren	04/19/99	05/08/99
Jesse Doren	12/24/99	03/29/00
John Evans	05/16/99	06/03/99
Megan Fitzgerald (New Zealand) (Edison Chouest Offshore)	03/30/99	04/09/99
Megan Fitzgerald (New Zealand) (Edison Chouest Offshore)	04/19/99	05/08/99
Jennifer Fox	03/30/99	04/09/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Lauro Garde (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Lauro Garde (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Lauro Garde (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
David H. Green	04/19/99	05/08/99
Kimberly M. Grimm	04/19/99	05/08/99
Kimberly M. Grimm	05/16/99	06/03/99
Nora E. Silva Guzman (Chile) (Edison Chouest Offshore)	03/30/99	04/09/99
Nora E. Silva Guzman (Chile) (Edison Chouest Offshore)	04/19/99	05/08/99
Nora E. Silva Guzman (Chile) (Edison Chouest Offshore)	12/24/99	03/29/00
Nora Silva Guzman (Chile) (Edison Chouest Offshore)	05/16/99	06/03/99
Nora Silva Guzman (Chile) (Edison Chouest Offshore)	06/14/99	07/12/99
Alan W. Hickey	05/16/99	06/03/99
Jim S Holik	04/19/99	05/08/99
Ian M. Howat	03/30/99	04/09/99
Paul Huckins	12/24/99	03/29/00
Paul Huckins	05/16/99	06/03/99
Craig Huhta	12/24/99	03/29/00
Paul Jarkewicz (Edison Chouest Offshore)	03/30/99	04/09/99
Paul Jarkewicz (Edison Chouest Offshore)	12/24/99	03/29/00
Paul Jarkewicz (Edison Chouest Offshore)	04/19/99	05/08/99
Paul Jarkewicz (Edison Chouest Offshore)	05/16/99	06/03/99
Paul Jarkewicz (Edison Chouest Offshore)	06/14/99	07/12/99
Ernest Joynt	12/24/99	03/29/00
Ernest Joynt	03/30/99	04/09/99
Robert B. Kane	03/30/99	04/09/99
John Kutil (Edison Chouest Offshore)	03/30/99	04/09/99
John Kutil (Edison Chouest Offshore)	04/19/99	05/08/99
John Kutil (Edison Chouest Offshore)	05/16/99	06/03/99
John Kutil (Edison Chouest Offshore)	06/14/99	07/12/99
Scott Kutil (Edison Chouest Offshore)	03/30/99	04/09/99
Dave Leger	04/19/99	05/08/99
Michael Lewis	05/16/99	06/03/99
Michael Lewis	06/14/99	07/12/99
Greg Lohse	12/24/99	current
Christian M McDonald	06/14/99	07/12/99
David Monroe (Edison Chouest Offshore)	03/30/99	04/09/99
David Monroe (Edison Chouest Offshore)	04/19/99	05/08/99
David Monroe (Edison Chouest Offshore)	05/16/99	06/03/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
David Monroe (Edison Chouest Offshore)	12/24/99	03/29/00
Karl Newyear	06/14/99	07/12/99
Karl Newyear	12/24/99	current
Rogelio Pagdanganan (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Rogelio Pagdanganan (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Rogelio Pagdanganan (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Johnny Pierce (Edison Chouest Offshore)	05/16/99	06/03/99
Johnny Pierce (Edison Chouest Offshore)	06/14/99	07/12/99
Johnny Pierce (Edison Chouest Offshore)	12/24/99	03/29/00
Marc D. Pomeroy	06/04/99	07/12/99
Vladimir Repin (Russia) (Edison Chouest Offshore)	04/19/99	05/08/99
Vladimir Repin (Russia) (Edison Chouest Offshore)	05/16/99	06/03/99
Vladimir Repin (Russia) (Edison Chouest Offshore)	06/14/99	07/12/99
Vladimir Repin (Russia) (Edison Chouest Offshore)	12/24/99	current
Vladimir Repin (Russia) (Edison Chouest Offshore)	03/30/99	04/09/99
David Reynolds	12/24/99	current
Rolly Rogando (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Rolly Rogando (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Rolly Rogando (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Rolly Rogando (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Rolly Rogando (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Lorenzo Sandoval (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Lorenzo Sandoval (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Lorenzo Sandoval (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Lorenzo Sandoval (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Lorenzo Sandoval (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Dawn Patterson Scarboro	03/30/99	04/09/99
Tobias Schunk	03/30/99	02/18/00
Donald C. Shepherd	03/30/99	04/09/99
Nestor Silverio (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Nestor Silverio (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Nestor Silverio (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Glen Smith		04/09/99
Glen Smith	03/30/99	02/01/00
Ernest Stelly (Edison Chouest Offshore)	04/19/99	05/08/99
Ernest Stelly (Edison Chouest Offshore)	05/16/99	06/03/99
Ernest Stelly (Edison Chouest Offshore)	12/24/99	03/29/00
Ernest Stelly (Edison Chouest Offshore)	03/30/99	04/09/99



	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Fred W. Stuart	12/24/99	current
Ric Tamayo (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Ric Tamayo (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Ric Tamayo (Philippines) (Edison Chouest Offshore)	05/16/99	06/03/99
Ric Tamayo (Philippines) (Edison Chouest Offshore)	06/14/99	07/12/99
Sam Villanueva (Philippines) (Edison Chouest Offshore)	03/30/99	04/09/99
Sam Villanueva (Philippines) (Edison Chouest Offshore)	04/19/99	05/08/99
Sam Villanueva (Philippines) (Edison Chouest Offshore)	12/24/99	03/29/00
Michael Watson (Edison Chouest Offshore)	03/30/99	04/09/99
Michael Watson (Edison Chouest Offshore)	12/24/99	03/29/00
Michael Watson (Edison Chouest Offshore)	04/19/99	05/08/99
Christopher Weddle	06/04/99	07/12/99
Frank Welte (Edison Chouest Offshore)	03/30/99	04/09/99
Frank Welte (Edison Chouest Offshore)	04/19/99	05/08/99
Frank Welte (Edison Chouest Offshore)	05/16/99	06/03/99
Frank Welte (Edison Chouest Offshore)	06/14/99	07/12/99
Frank Welte (Edison Chouest Offshore)	12/24/99	03/29/00
Fredrick Wempe, Jr.	03/30/99	04/09/99
Richard Wisner (Edison Chouest Offshore)	12/24/99	03/29/00
Bryan Zipperer (Edison Chouest Offshore)	05/16/99	06/03/99
Bryan Zipperer (Edison Chouest Offshore)	06/14/99	07/12/99
Bryan Zipperer (Edison Chouest Offshore)	12/24/99	03/29/00
Robert B. Zook	03/30/99	04/09/99

***R/V LAURENCE M. GOULD***

Steven M. Ager	03/30/99	04/09/99
Steven M. Ager	09/16/99	09/25/99
Steven M. Ager	10/12/99	10/18/99
Steven M. Ager	12/19/99	12/24/99
Steven M. Ager	01/06/00	01/29/00
Jay April	10/12/99	10/18/99
Herbert L. Baker	10/12/99	10/18/99
Herbert L. Baker	03/24/99	04/20/99
Sheldon Blackman	10/12/99	10/18/99
Sheldon Blackman	10/28/99	11/13/99
Kevin H. Bliss	03/30/99	04/09/99

	Dates in Antarctica	
	<u>Arrived</u>	<u>Departed</u>
Maksym Bosenko (Ukraine) (Edison Chouest Offshore)	06/09/99	
Howard Boswell (Edison Chouest Offshore)	06/09/99	06/29/99
Howard Boswell (Edison Chouest Offshore)	07/15/99	07/28/99
Howard Boswell (Edison Chouest Offshore)	11/25/99	12/10/99
Howard Boswell (Edison Chouest Offshore)	12/19/99	12/24/99
Howard Boswell (Edison Chouest Offshore)		01/29/00
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	09/16/99	09/25/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	10/12/99	10/18/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	10/28/99	11/13/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	11/25/99	12/10/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	12/19/99	12/24/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	01/06/00	01/29/00
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)		02/24/00
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	03/24/99	04/20/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	04/30/99	05/31/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	06/09/99	06/29/99
Morris J. Bouzigard, Jr. (Edison Chouest Offshore)	07/15/99	07/28/99
Franklin Carey (Edison Chouest Offshore)	12/19/99	12/24/99
Franklin Carey (Edison Chouest Offshore)		01/29/00
Darik Corzine	10/28/99	11/13/99
Darik Corzine	02/08/00	02/24/00
Anthony D'Aoust	03/24/99	04/20/99
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)		01/29/00
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)		02/24/00
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)	04/30/99	05/31/99
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Donde A. Dasoy (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Steve Ennis	04/30/99	05/31/99
Trifton Estrada (Edison Chouest Offshore)	07/15/99	07/28/99
John Evans	10/12/99	10/18/99
Mark Fink (Edison Chouest Offshore)	11/25/99	12/10/99
Mark Fink (Edison Chouest Offshore)	12/19/99	12/24/99
Mark Fink (Edison Chouest Offshore)	01/06/00	01/29/00
Kimberly M. Grimm	10/28/99	11/13/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Kimberly M. Grimm	01/06/00	01/29/00
Kimberly M. Grimm	02/08/00	02/24/00
Kimberly M. Grimm		03/22/00
Paul Henry (Edison Chouest Offshore)	09/16/99	09/25/99
Paul Henry (Edison Chouest Offshore)	10/12/99	10/18/99
Paul Henry (Edison Chouest Offshore)	10/28/99	11/13/99
Paul Henry (Edison Chouest Offshore)		02/24/00
Paul Henry (Edison Chouest Offshore)	06/09/99	06/29/99
Paul Henry (Edison Chouest Offshore)	07/15/99	07/28/99
Paul Huckins	10/12/99	10/18/99
Edgar Ibisate (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Edgar Ibisate (Philippines) (Edison Chouest Offshore)	04/30/99	05/31/99
David Kennison (Edison Chouest Offshore)		02/24/00
Robert S Kluckhohn	03/07/00	03/22/00
Guy Leblanc (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)	06/09/99	06/29/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)	07/15/99	07/28/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Guy Leblanc (Philippines) (Edison Chouest Offshore)		02/24/00
Michael Lewis	03/30/99	04/09/99
Aresenio Majomot (Philippines) (Edison Chouest Offshore)	06/09/99	06/29/99
Aresenio Majomot (Philippines) (Edison Chouest Offshore)	07/15/99	07/28/99
Aresenio Majomot (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Aresenio Majomot (Philippines) (Edison Chouest Offshore)	04/30/99	05/31/99
Merritt L. Marquiss	07/15/99	07/28/99
John Massey (Edison Chouest Offshore)	10/12/99	11/13/99
Christopher Masters	02/08/00	02/24/00
Elizabeth A. McAndrews	07/15/99	07/28/99
Elizabeth A. McAndrews	10/28/99	11/13/99
Elizabeth A. McAndrews	11/25/99	12/10/99
Christian M. McDonald	03/24/99	04/20/99
Joseph Meneses (Philippines) (Edison Chouest Offshore)	06/09/99	06/29/99
Joseph Meneses (Philippines) (Edison Chouest Offshore)	07/15/99	07/28/99
Joseph Meneses (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Joseph Meneses (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Joseph Meneses (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Joseph Meneses (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Joseph Meneses (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Joseph Meneses (Philippines) (Edison Chouest Offshore)		01/29/00
Joseph Meneses (Philippines) (Edison Chouest Offshore)		02/24/00
Stephen P. Miller (Edison Chouest Offshore)	03/24/99	04/20/99
Stephen P. Miller (Edison Chouest Offshore)	09/16/99	09/25/99
Stephen P. Miller (Edison Chouest Offshore)	10/12/99	10/18/99
Stephen P. Miller (Edison Chouest Offshore)	10/28/99	11/13/99
Stephen P. Miller (Edison Chouest Offshore)	12/19/99	12/24/99
Stephen P. Miller (Edison Chouest Offshore)		01/29/00
Olivia Miranda (Chile) (Edison Chouest Offshore)	04/30/99	05/31/99
Michael Murphey (Edison Chouest Offshore)	03/24/99	04/20/99
Michael Murphey (Edison Chouest Offshore)	04/30/99	05/31/99
Michael Murphey (Edison Chouest Offshore)	09/16/99	09/25/99
Michael Murphey (Edison Chouest Offshore)	10/12/99	10/18/99
Michael Murphey (Edison Chouest Offshore)	10/28/99	11/13/99
Michael Murphey (Edison Chouest Offshore)	11/25/99	12/10/99
Michael Murphey (Edison Chouest Offshore)		02/24/00
Fernando Naraga (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Fernando Naraga (Philippines) (Edison Chouest Offshore)	04/30/99	05/31/99
Fernando Naraga (Philippines) (Edison Chouest Offshore)	06/09/99	06/29/99
Fernando Naraga (Philippines) (Edison Chouest Offshore)	07/15/99	07/28/99
Fernando Naraga (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Fernando Naraga (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Fernando Naraga (Philippines) (Edison Chouest Offshore)		01/29/00
Fernando Naraga (Philippines) (Edison Chouest Offshore)		02/24/00
Roy Ninon (Philippines) (Edison Chouest Offshore)	06/09/99	06/29/99
Roy Ninon (Philippines) (Edison Chouest Offshore)	07/15/99	07/28/99
Roy Ninon (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99
Roy Ninon (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Roy Ninon (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Roy Ninon (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Roy Ninon (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Roy Ninon (Philippines) (Edison Chouest Offshore)		01/29/00
Roy Ninon (Philippines) (Edison Chouest Offshore)		02/24/00
Andrew F Nunn	03/07/00	03/22/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Francisco Ollivet-Besson (Chile) (Edison Chouest Offshore)		01/29/00
Francisco Ollivet-Besson (Chile) (Edison Chouest Offshore)		02/24/00
Harold H Owen	02/08/00	02/24/00
Dionito Padasas (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)	04/30/99	05/31/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)	06/09/99	06/29/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)	07/15/99	07/28/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Dionito Padasas (Philippines) (Edison Chouest Offshore)		02/24/00
Augusto Padilla (Edison Chouest Offshore)	07/15/99	07/28/99
Augusto Padilla (Edison Chouest Offshore)		02/24/00
Efren Prado (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Efren Prado (Philippines) (Edison Chouest Offshore)	04/30/99	05/31/99
Efren Prado (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99
Efren Prado (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Efren Prado (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Efren Prado (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Efren Prado (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Efren Prado (Philippines) (Edison Chouest Offshore)		01/29/00
Efren Prado (Philippines) (Edison Chouest Offshore)		02/24/00
Jeffery Rogers (Edison Chouest Offshore)	06/09/99	06/29/99
Jeffery Rogers (Edison Chouest Offshore)	09/16/99	09/25/99
Jeffery Rogers (Edison Chouest Offshore)	10/12/99	10/18/99
Jeffery Rogers (Edison Chouest Offshore)	03/24/99	04/20/99
Jeffery Rogers (Edison Chouest Offshore)	04/30/99	05/31/99
Patricio Rojas (Chile) (Edison Chouest Offshore)	03/24/99	04/20/99
Patricio Rojas (Chile) (Edison Chouest Offshore)	04/30/99	05/31/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)	06/09/99	06/29/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)	07/15/99	07/28/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Manuel Roxas (Philippines) (Edison Chouest Offshore)		01/29/00

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)	12/19/99	12/24/99
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)		02/24/00
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)	03/24/99	04/20/99
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)	04/30/99	05/31/99
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)	09/16/99	09/25/99
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)	10/12/99	10/18/99
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)	10/28/99	11/13/99
Rafael D. Sabino (Philippines) (Edison Chouest Offshore)	11/25/99	12/10/99
Phil Sacks	10/28/99	11/13/99
Phil Sacks	11/25/99	12/10/99
Trent M. Sanamo (Edison Chouest Offshore)	04/30/99	05/31/99
Trent M. Sanamo (Edison Chouest Offshore)	10/12/99	10/18/99
Trent M. Sanamo (Edison Chouest Offshore)	07/15/99	07/28/99
Trent M. Sanamo (Edison Chouest Offshore)	01/06/00	01/29/00
Trent M. Sanamo (Edison Chouest Offshore)	02/08/00	02/24/00
Trent M. Sanamo (Edison Chouest Offshore)	09/16/99	09/25/99
Trent M. Sanamo (Edison Chouest Offshore)	11/25/99	12/10/99
Warren Sanamo, Jr. (Edison Chouest Offshore)	04/30/99	05/31/99
Warren Sanamo, Jr. (Edison Chouest Offshore)		02/24/00
Warren Sanamo, Jr. (Edison Chouest Offshore)	06/09/99	06/29/99
Warren Sanamo, Jr. (Edison Chouest Offshore)	09/16/99	09/25/99
Warren Sanamo, Jr. (Edison Chouest Offshore)	10/12/99	10/18/99
Warren Sanamo, Jr. (Edison Chouest Offshore)	10/28/99	11/13/99
Warren Sanamo, Jr. (Edison Chouest Offshore)	11/25/99	12/10/99
Kenneth R. Schwartz	10/28/99	11/13/99
Kenneth R. Schwartz	11/25/99	12/10/99
Kenneth R. Schwartz	12/19/99	12/24/99
Alexis Sepulveda (Chile) (Edison Chouest Offshore)	10/28/99	11/13/99
Alexis Sepulveda (Chile) (Edison Chouest Offshore)	07/15/99	07/28/99
Alexis Sepulveda (Chile) (Edison Chouest Offshore)	09/16/99	09/25/99
Alexis Sepulveda (Chile) (Edison Chouest Offshore)	10/12/99	10/18/99
Randolph D. Sliester	07/15/99	07/28/99
Randolph D. Sliester	12/19/99	12/24/99
Randolph D. Sliester	01/06/00	01/29/00
Randolph D. Sliester	03/07/00	03/22/00
Randolph D. Sliester	03/24/99	04/09/99
Randolph D. Sliester	06/09/99	06/29/99
John M. Souza (Edison Chouest Offshore)	03/24/99	04/20/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
John M. Souza (Edison Chouest Offshore)	04/30/99	05/31/99
John M. Souza (Edison Chouest Offshore)	06/09/99	06/29/99
John M. Souza (Edison Chouest Offshore)	07/15/99	07/28/99
John M. Souza (Edison Chouest Offshore)	10/28/99	11/13/99
John M. Souza (Edison Chouest Offshore)	11/25/99	12/10/99
John M. Souza (Edison Chouest Offshore)	12/19/99	12/24/99
John M. Souza (Edison Chouest Offshore)	01/06/00	01/29/00
Joshua J. Spillane	03/07/00	03/22/00
Joshua J. Spillane	12/19/99	12/24/99
David Steinberg (Edison Chouest Offshore)	10/28/99	11/13/99
Fred W. A. Stuart	07/15/99	07/28/99
Fred W. A. Stuart	03/07/00	03/22/00
John R. Talbert	06/09/99	06/29/99
Robert Verret, II (Edison Chouest Offshore)	03/24/99	04/20/99
Robert Verret, II (Edison Chouest Offshore)	07/15/99	07/28/99
Robert Verret, II (Edison Chouest Offshore)	09/16/99	09/25/99
Robert Verret, II (Edison Chouest Offshore)	10/12/99	10/18/99
Robert Verret, II (Edison Chouest Offshore)	10/28/99	11/13/99
Robert Verret, II (Edison Chouest Offshore)	12/19/99	12/24/99
Robert Verret, II (Edison Chouest Offshore)	01/06/00	01/29/00
Robert Verret, II (Edison Chouest Offshore)		02/24/00
Paul B. Waters (Edison Chouest Offshore)	04/30/99	05/31/99
Paul B. Waters (Edison Chouest Offshore)		02/24/00
Paul B. Waters (Edison Chouest Offshore)	06/09/99	06/29/99
Paul B. Waters (Edison Chouest Offshore)	07/15/99	07/28/99
Paul B. Waters (Edison Chouest Offshore)	11/25/99	12/10/99
Paul B. Waters (Edison Chouest Offshore)	12/19/99	12/24/99
Paul B. Waters (Edison Chouest Offshore)		01/29/00
William C. Weber	06/09/99	06/29/99
William C. Weber	10/28/99	11/13/99
William C. Weber	01/06/00	01/29/00
William C. Weber	02/08/00	02/19/00
Christopher Weddle	03/24/99	04/20/99
Christopher Weddle	04/30/99	05/31/99

	<b>Dates in Antarctica</b>	
	<b><u>Arrived</u></b>	<b><u>Departed</u></b>
Kevin R. Wood	04/30/99	05/31/99
James Fox	04/30/99	05/31/99
Cassandra J. Graber	07/15/99	07/28/99
Darrell J. Kimmes	06/09/99	06/29/99
Steve Milner (Edison Chouest Offshore)	10/28/99	
Oliva Blank (Chile) (Edison Chouest Offshore)	12/19/99	12/24/99
Robert Zook	12/19/99	current



## **Attachment B, Kill/Cap Forms**

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*Attachment B presents the Species Killed/Captured forms submitted  
by researchers permitted to take animal specimens in Antarctica.*

# ANTARCTIC TREATY AREA

## ANNUAL RETURN OF SPECIES KILLED OR CAPTURED (JULY 1999 to JUNE 2000)

BY David G. Ainley H.T. Harvey & Associates  
Name Institution

LOCALITY Cape Crozier, Ross Island LAT. 77°31' LONG. 169°24'  
Cape Royds, Ross Island 77°33' 166°09'  
Beaufort Island 76°56' 156°56'

SPECIES	SEX	AGE	NUMBER KILLED FOR			NUMBER CAPTURED AND REMOVED FOR		NUMBER CAPTURED AND RELEASED IN SAME AREA
			Food	Scientific Purposes	Museums etc.	Scientific Purposes	Zoos, etc	
Adelie Penguins ( <i>Pygoscelis adeliae</i> )	U U	A C						235 2200

M-Male    A-Adult  
 F-Female    J-Juvenile  
 U-Unknown    C-Chicks  
 E-Eggs    M-Mummified

# ANTARCTIC TREATY AREA

## ANNUAL RETURN OF SPECIES KILLED OR CAPTURED (JULY 1999 to JUNE 2000)

BY Dr. William R. Fraser Montana State University, Bozeman MT, 59717  
Name Institution

LOCALITY Palmer Station, Antarctica and surrounding islands LAT. 64° 46'S LONG. 64° 04' W  
Ginger Island, Antarctica 67° 45'S 68° 42' W

SPECIES	SEX	AGE	NUMBER KILLED FOR			NUMBER CAPTURED AND REMOVED FOR		NUMBER CAPTURED AND RELEASED IN SAME AREA
			Food	Scientific Purposes	Museums etc.	Scientific Purposes	Zoos, etc	
Adélie Penguin ( <i>Pygoscelis adeliae</i> )	F	A						28 (Take by Diet Sampling)
Adélie Penguin ( <i>Pygoscelis adeliae</i> )	M	A						34 (Take by Diet Sampling)
Adélie Penguin ( <i>Pygoscelis adeliae</i> )	F	A						11 (Take by Radio Transmitter appl.)
Adélie Penguin ( <i>Pygoscelis adeliae</i> )	M	A						13 (Take by Radio Transmitter appl.)
Brown Skua ( <i>Catharacta lonnbergi</i> )	U	J						16
Brown Skua ( <i>Catharacta lonnbergi</i> )	F	A						1
South Polar Skua ( <i>C. maccormicki</i> )	U	J						17
Southern Giant Petrel ( <i>Macronectes giganteus</i> )	U	J						423
Southern Giant Petrel ( <i>Macronectes giganteus</i> )	F	A						5
Southern Giant Petrel ( <i>Macronectes giganteus</i> )	M	A						5

M-Male      A-Adult  
 F-Female    J-Juvenile  
 U-Unknown   C-Chicks  
 E-Eggs      M-Mummified

# ANTARCTIC TREATY AREA

## ANNUAL RETURN OF SPECIES KILLED OR CAPTURED (JULY 1999 to JUNE 2000)

BY Paul J. Ponganis University of California, San Diego  
Name Institution

LOCALITY McMurdo Sound LAT. 77°30' LONG. 165°00'

SPECIES	SEX	AGE	NUMBER KILLED FOR			NUMBER CAPTURED AND REMOVED FOR		NUMBER CAPTURED AND RELEASED IN SAME AREA
			Food	Scientific Purposes	Museums etc.	Scientific Purposes	Zoos, etc	
Emperor Penguins ( <i>Aptenodytes forsteri</i> )	U	A						13

M-Male    A-Adult  
 F-Female    J-Juvenile  
 U-Unknown    C-Chicks  
 E-Eggs    M-Mummified

# ANTARCTIC TREATY AREA

## ANNUAL RETURN OF SPECIES KILLED OR CAPTURED (JULY 1999 to JUNE 2000)

BY Donald B. Siniff University of Minnesota  
Name Institution

LOCALITY McMurdo Sound LAT. 77°30' LONG. 165°00'

SPECIES	SEX	AGE	NUMBER KILLED FOR			NUMBER CAPTURED AND REMOVED FOR		NUMBER CAPTURED AND RELEASED IN SAME AREA
			Food	Scientific Purposes	Museums etc.	Scientific Purposes	Zoos, etc	
Weddell seals ( <i>Leptonychotes weddellii</i> )	F	A						334
	M	A						105
	U	P						525
Crabeater seals ( <i>Lobodon carcinophagus</i> )	U	A						4

M-Male    A-Adult  
 F-Female    J-Juvenile  
 U-Unknown    C-Chicks  
 E-Eggs    M-Mummified

# ANTARCTIC TREATY AREA

## ANNUAL RETURN OF SPECIES KILLED OR CAPTURED (JULY 1999 to JUNE 2000)

BY Brent S. Stewart Hubbs Sea World Research Institute  
Name Institution

LOCALITY Circumpolar Pack Ice LAT. \_\_\_\_\_ LONG. \_\_\_\_\_

SPECIES	SEX	AGE	NUMBER KILLED FOR			NUMBER CAPTURED AND REMOVED FOR		NUMBER CAPTURED AND RELEASED IN SAME AREA
			Food	Scientific Purposes	Museums etc.	Scientific Purposes	Zoos, etc	
Crabeater seal ( <i>Lobodon carcinophagus</i> )	Both	All						245
Leopard seal ( <i>Hydrurga leptonyx</i> )	Both	All						15
Weddell seal ( <i>Leptonychotes weddelli</i> )	Both	All						216
Ross seal ( <i>Ommatophoca rossi</i> )	Both	All						42

M-Male    A-Adult  
 F-Female    J-Juvenile  
 U-Unknown    C-Chicks  
 E-Eggs    M-Mummified

# ANTARCTIC TREATY AREA

## ANNUAL RETURN OF SPECIES KILLED OR CAPTURED (JULY 1999 to JUNE 2000)

BY Dr. Wayne X. Trivelpiece Southwest Fisheries Science Center/ Montana State University  
Name Institution

LOCALITY King George Island, Antarctic Peninsula LAT. 62° 10'S LONG. 58° 30' W

SPECIES	SEX	AGE	NUMBER KILLED FOR			NUMBER CAPTURED AND REMOVED FOR		NUMBER CAPTURED AND RELEASED IN SAME AREA
			Food	Scientific Purposes	Museums etc.	Scientific Purposes	Zoos, etc	
Adélie Penguin ( <i>Pygoscelis adeliae</i> )	M	A						175
	F	A						175
	U	J						500
Gentoo Penguin ( <i>Pygoscelis papua</i> )	M	A						63
	F	A						62
	U	J						500
Chinstrap Penguin ( <i>Pygoscelis antarctica</i> )	M	A						67
	F	A						67
	U	J						200
Brown Skua ( <i>Catharacta lonnbergi</i> )	M	A						3
	F	A						3
South Polar Skua ( <i>C. maccormicki</i> )	M	A						4
	F	A						3
	U	J						60
Kelp Gull	U	J						18
Sheathbill ( <i>Chionis alba</i> )	U	J						3
Southern Giant Petrel ( <i>Macronectes giganteus</i> )	U	J						147

M-Male    A-Adult  
 F-Female    J-Juvenile  
 U-Unknown    C-Chicks  
 E-Eggs    M-Mummified

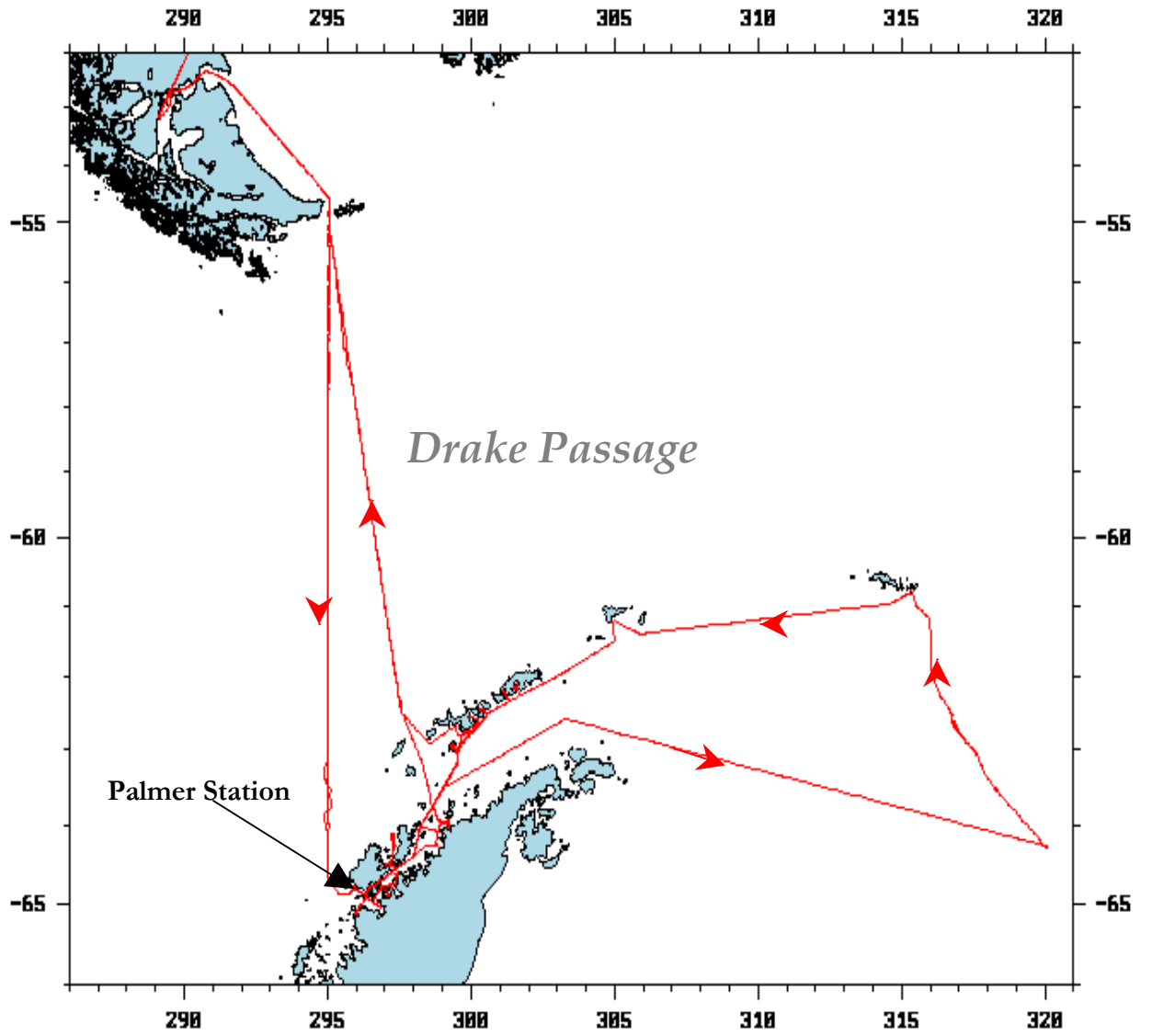
## **Attachment C, Vessel Tracks**

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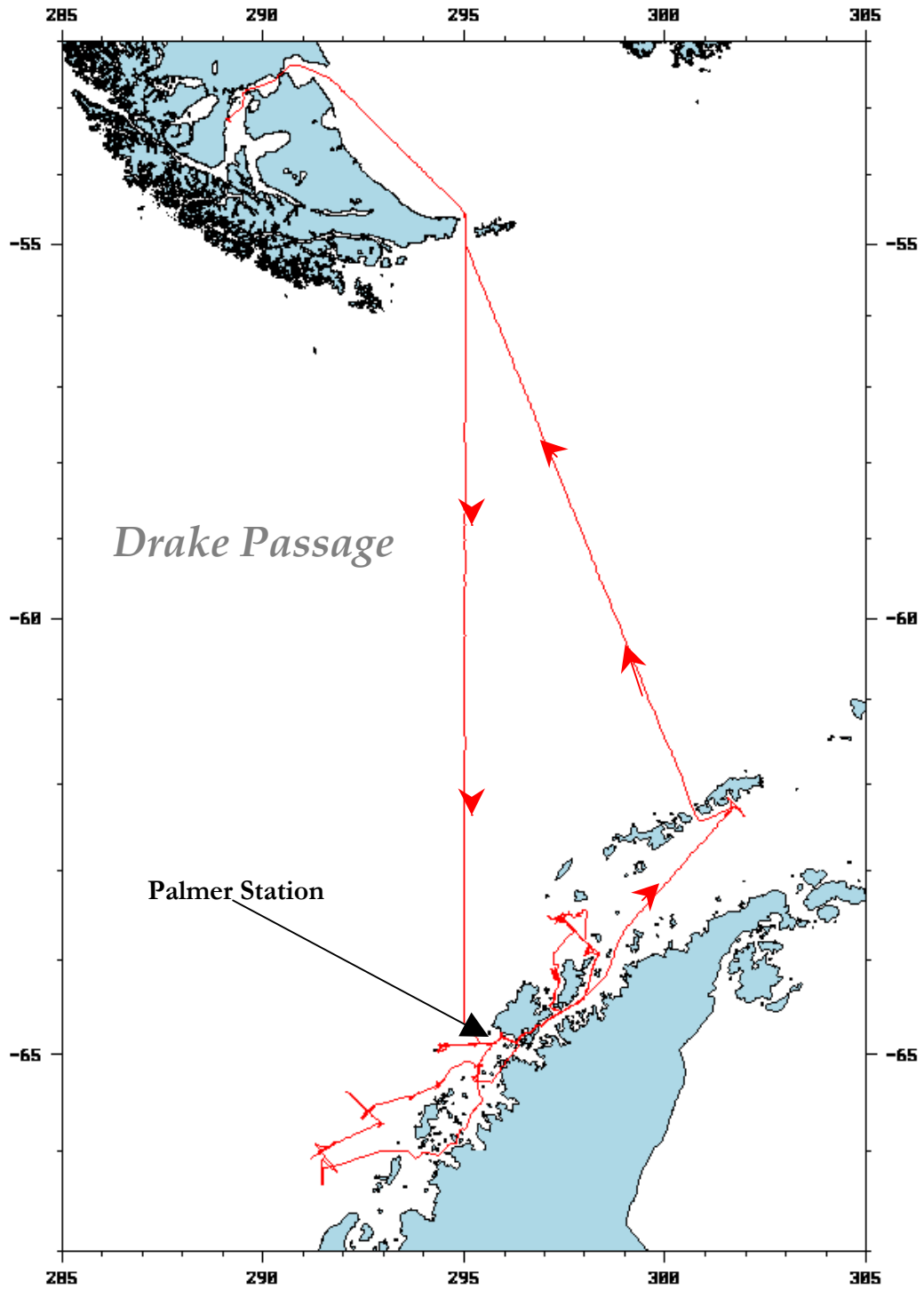
*Attachment C contains the tracks of Research Vessel cruises during the 1999-2000 season. Information for both the LAURENCE M GOULD (LMG) and the NATHANIEL B. PALMER (NBP) are presented under the appropriate cruise numbers.*



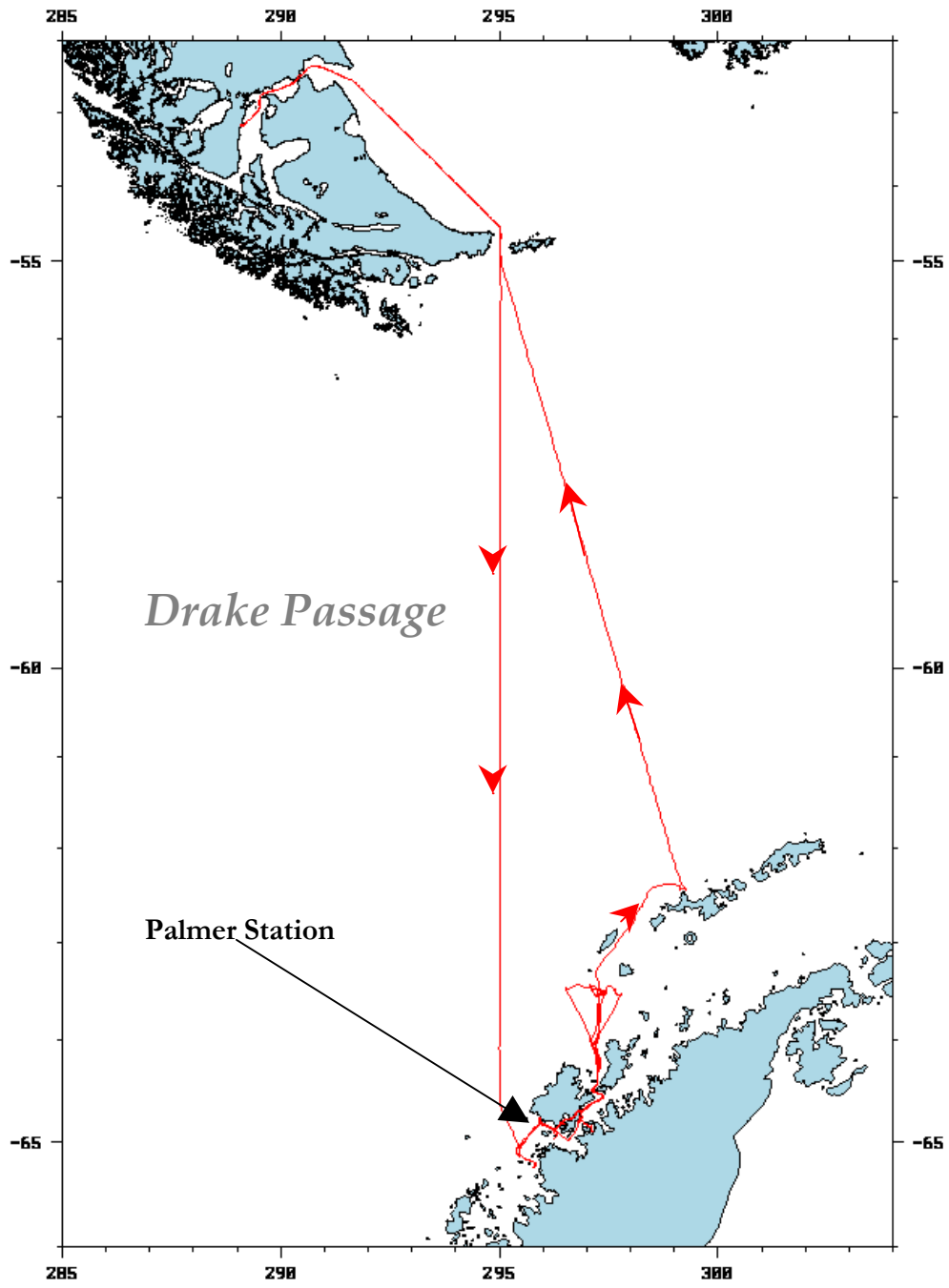
**LAURENCE M. GOULD**  
**Cruise Number 9903**



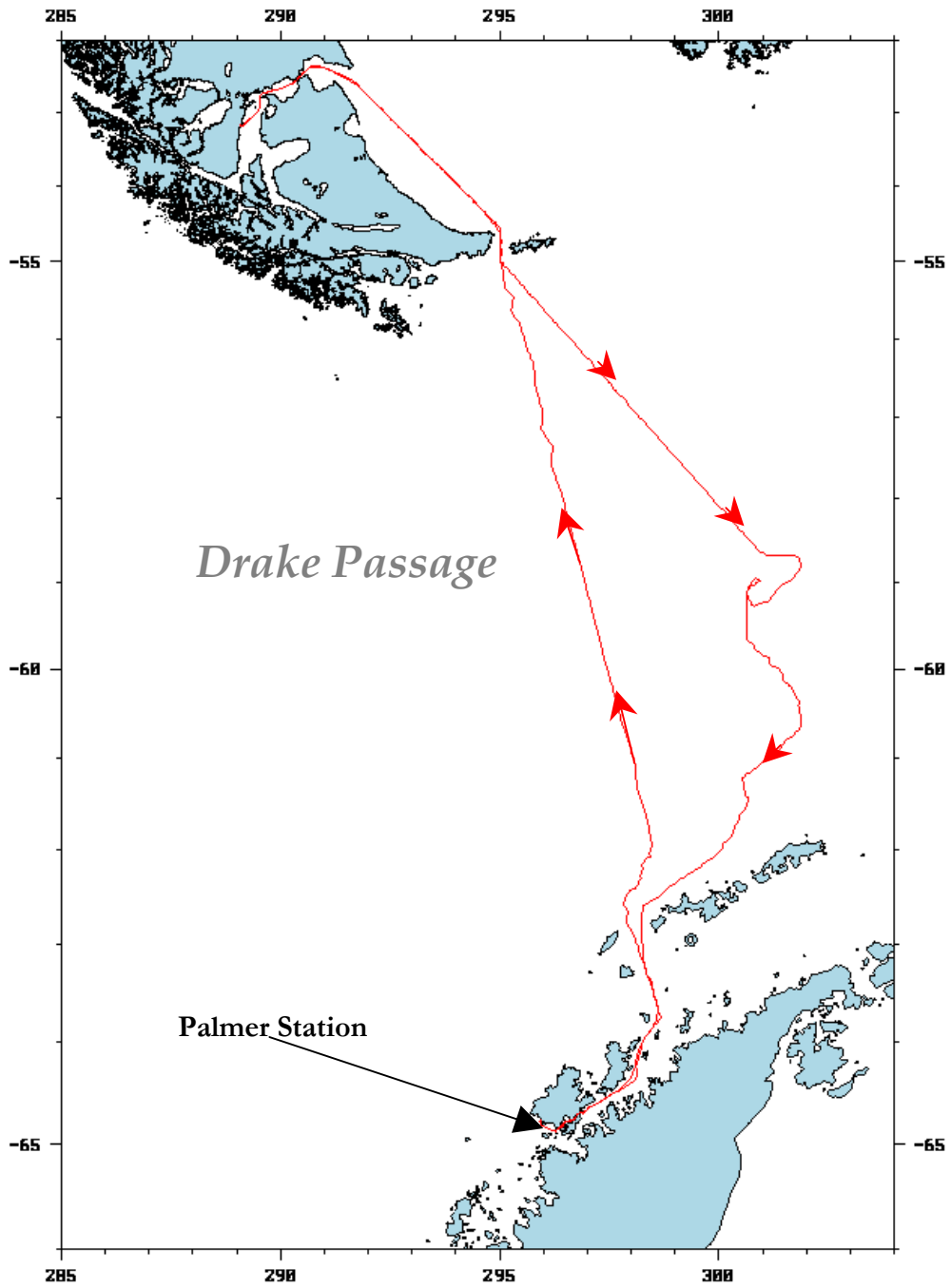
**LAURENCE M. GOULD**  
**Cruise Number 9904**



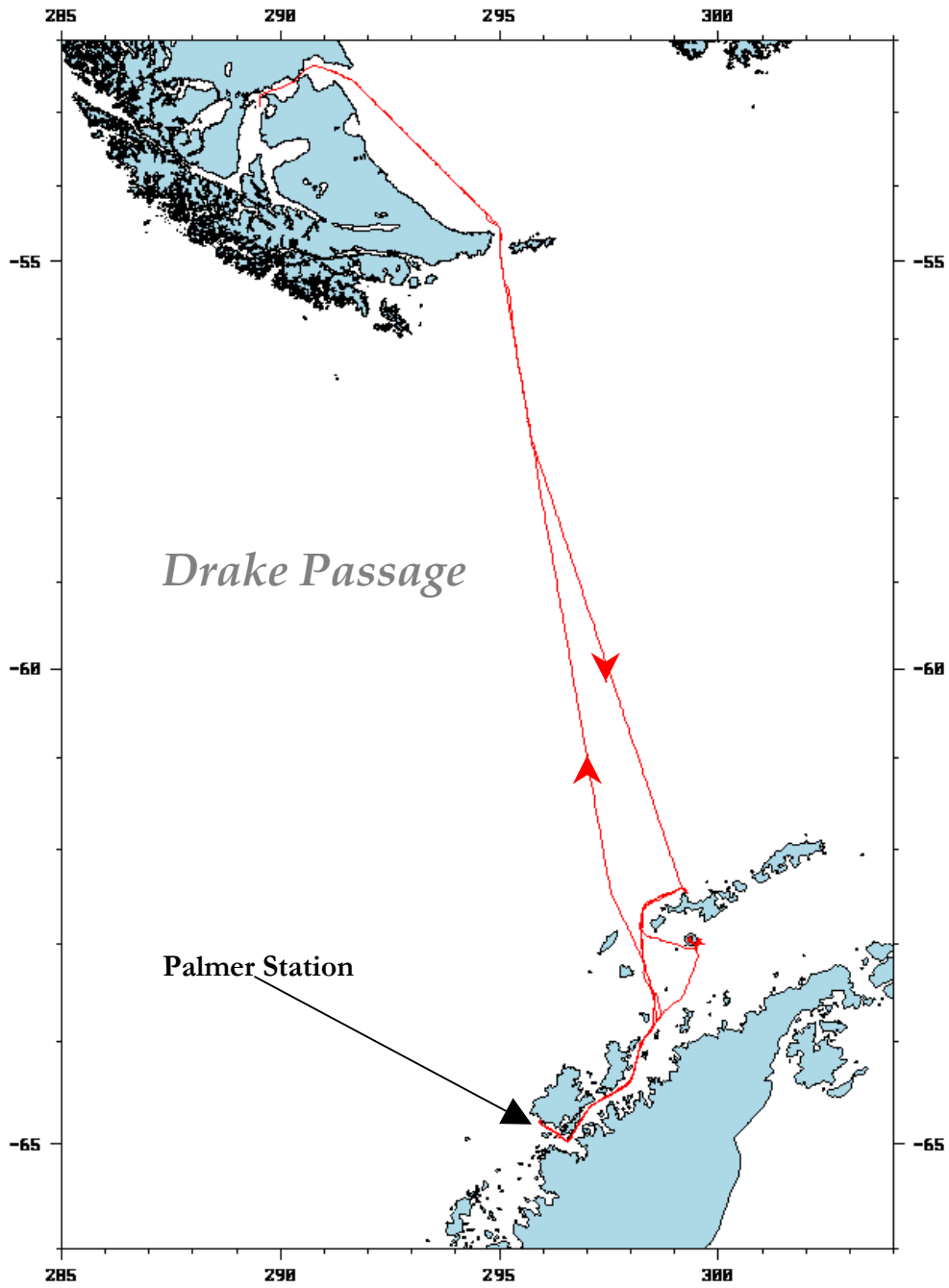
**LAURENCE M. GOULD**  
**Cruise Number 9905**



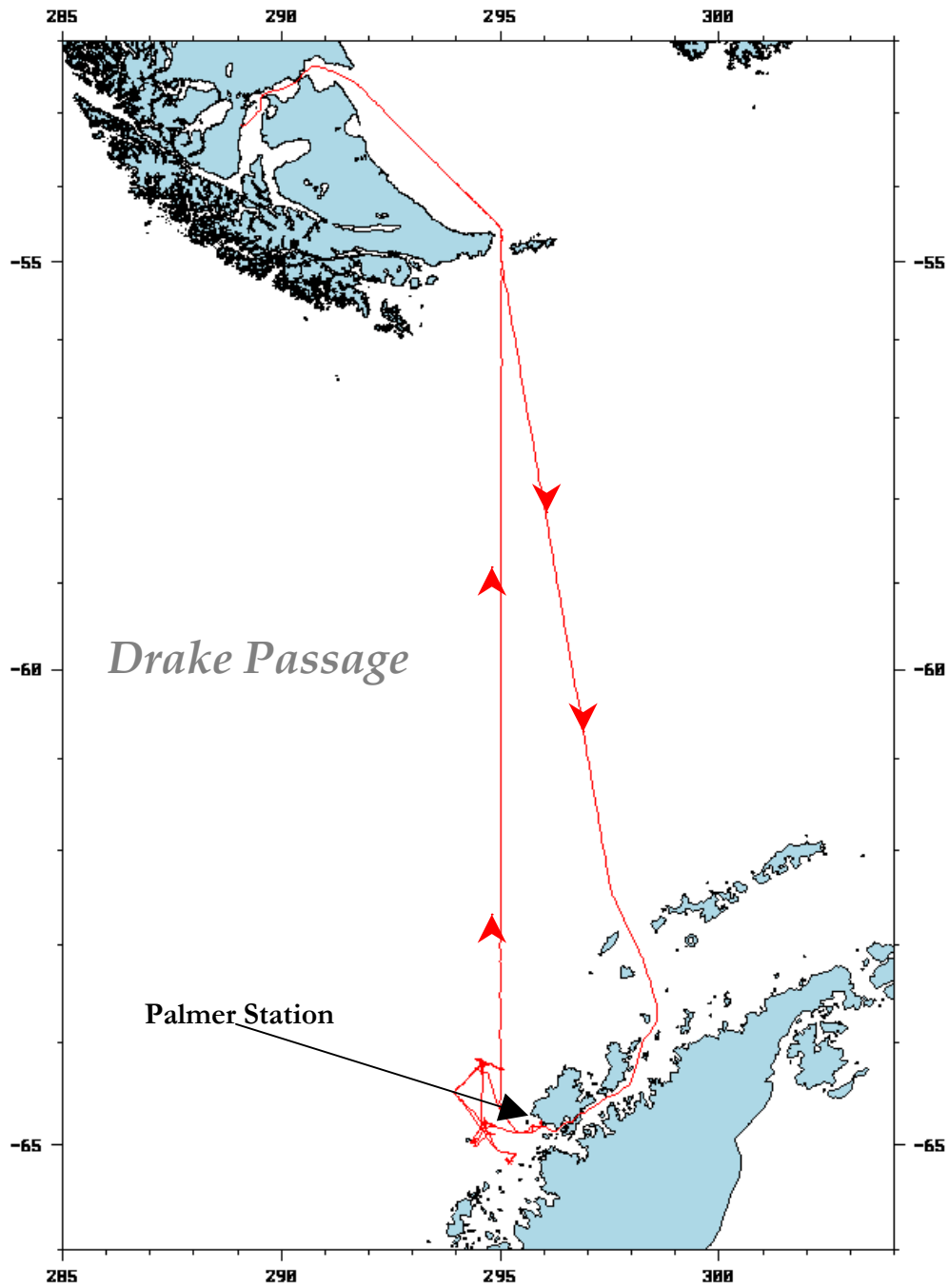
**LAURENCE M. GOULD**  
**Cruise Number 9908**



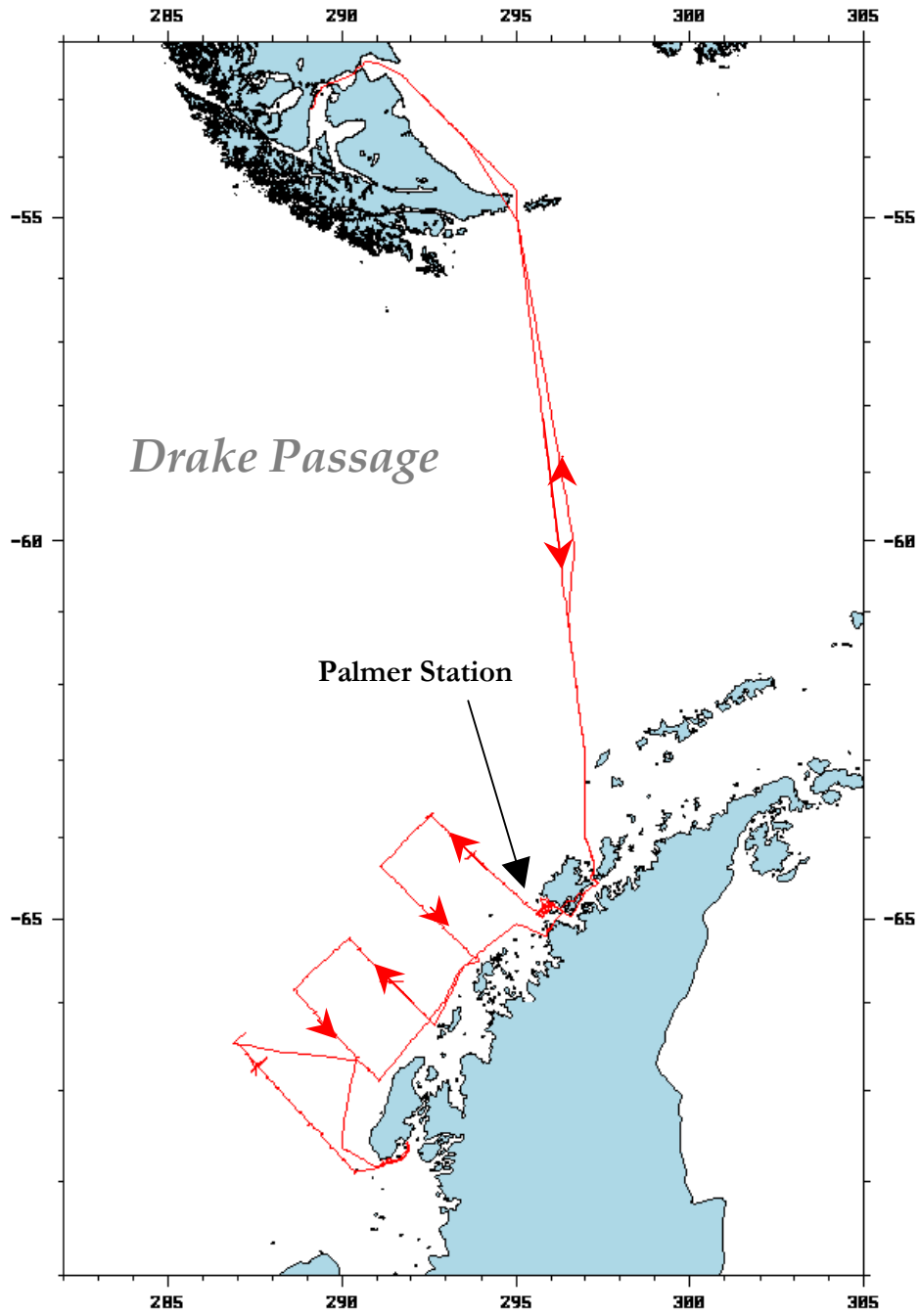
**LAURENCE M. GOULD**  
**Cruise Number 9909**



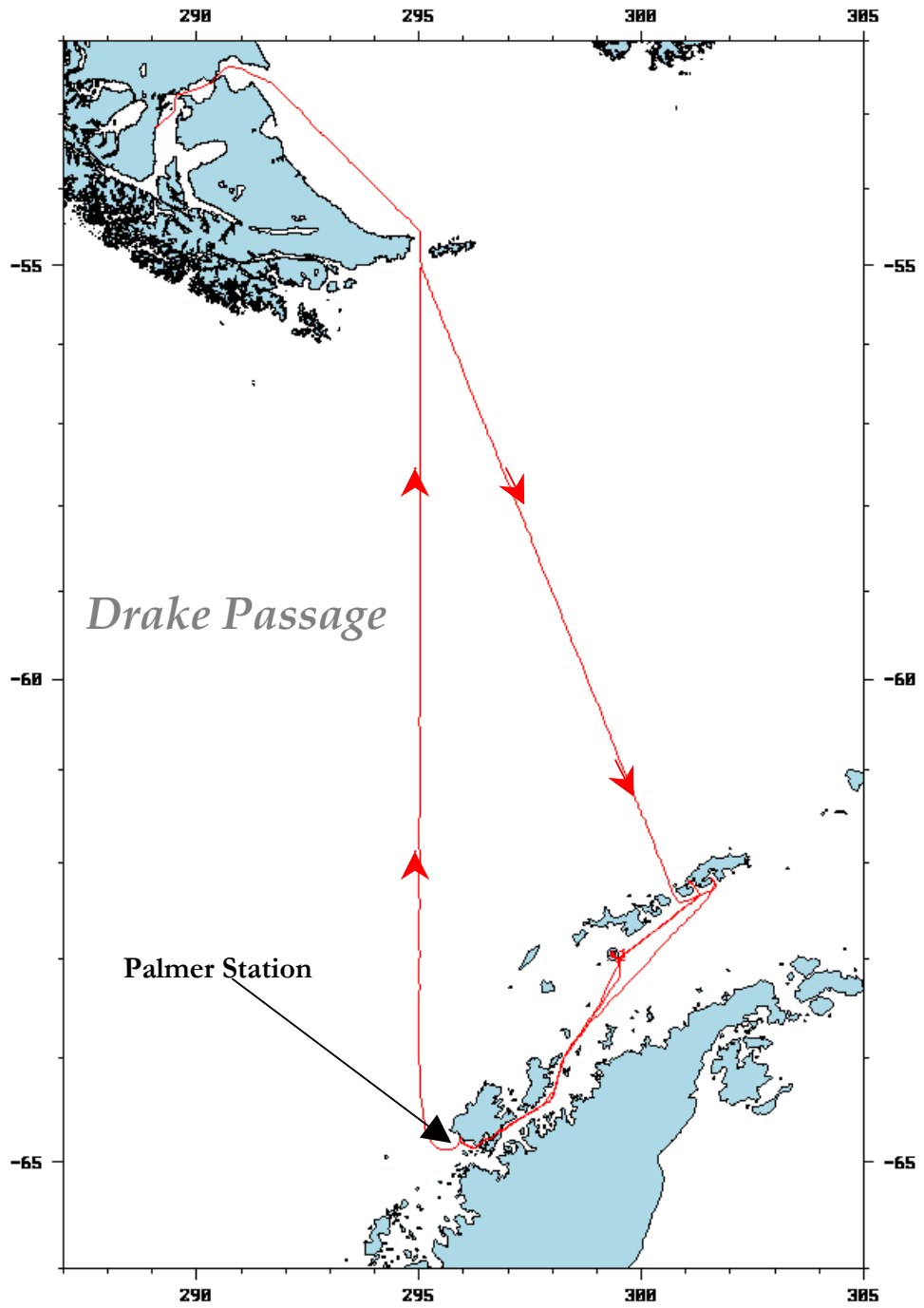
**LAURENCE M. GOULD**  
**Cruise Number 9910**



**LAURENCE M. GOULD**  
**Cruise Number 0001**

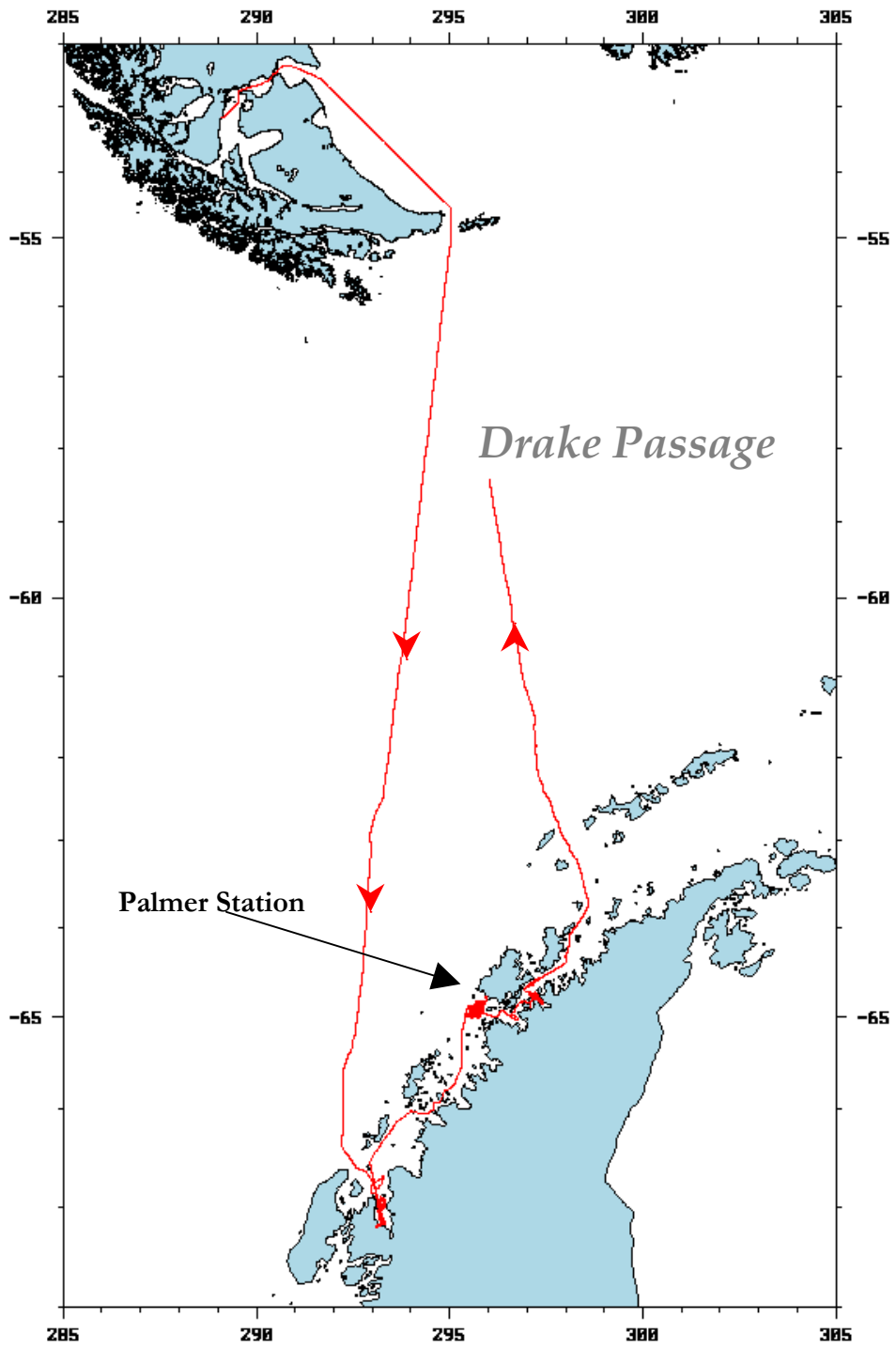


**LAURENCE M. GOULD**  
**Cruise Number 0002**

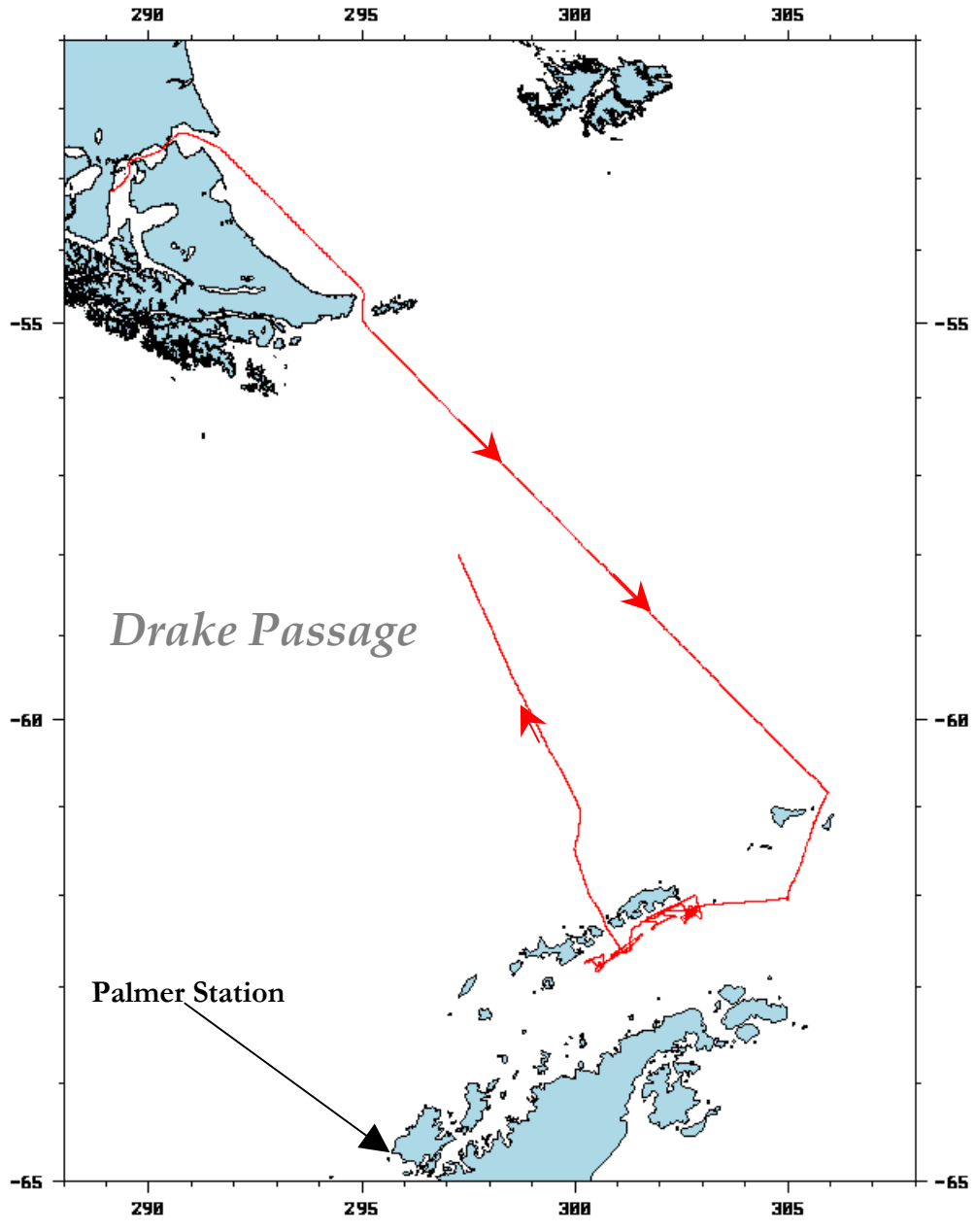




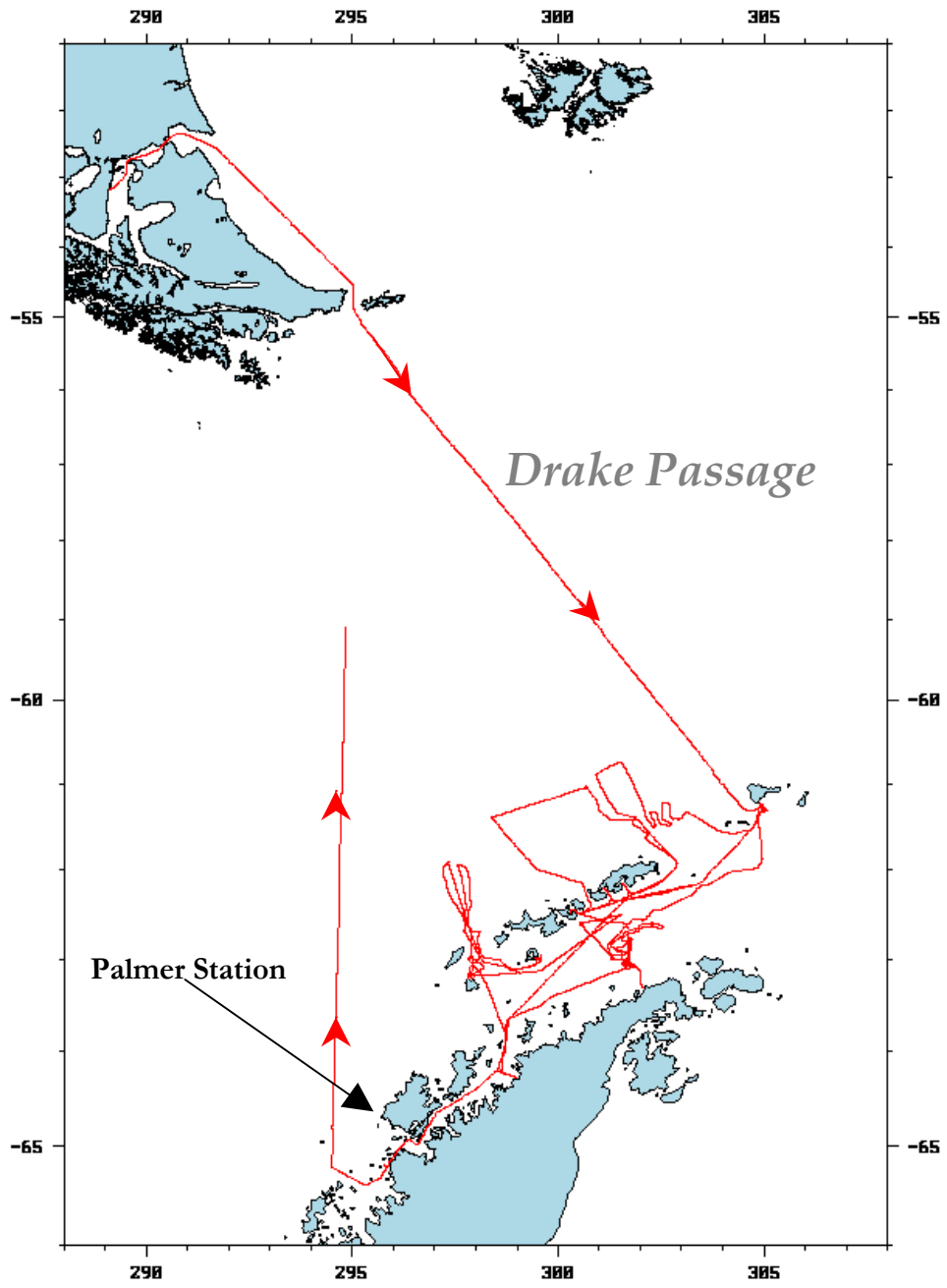
**NATHANIAL B. PALMER**  
**Cruise Number NBP9903**



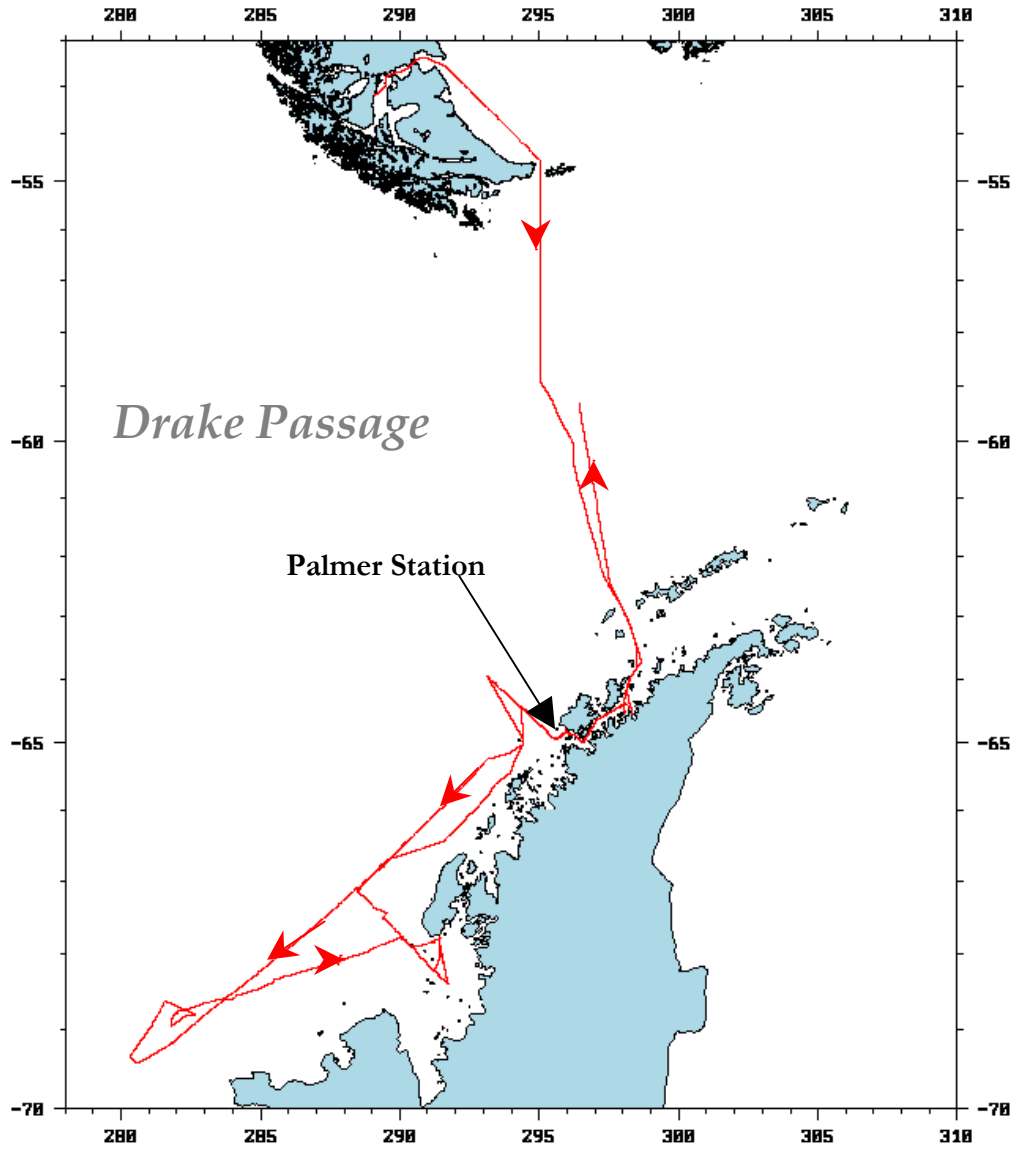
**NATHANIAL B. PALMER**  
**Cruise Number NBP9904**



**NATHANIAL B. PALMER**  
**Cruise Number NBP9905**



**NATHANIAL B. PALMER**  
**Cruise Number NBP9906**



**NATHANIAL B. PALMER**  
**Cruise Number NBP9909**

