



Antarctic Treaty  
XXIII Consultative Meeting

Traité sur l'Antarctique  
XXIII<sup>e</sup> Réunion consultative

Tratado Antártico  
XXIII Reunión Consultiva

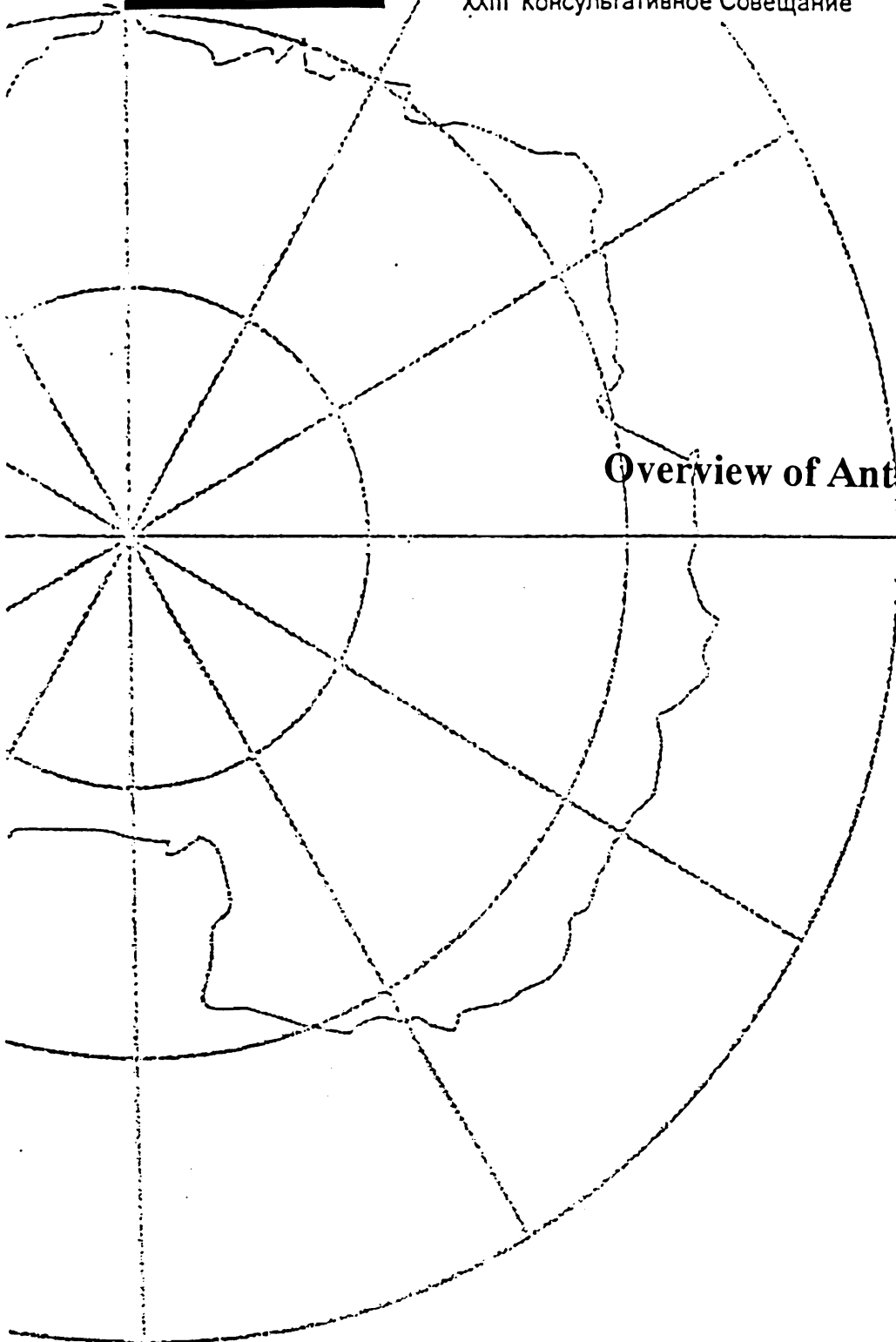
Договор об Антарктике  
XXIII Консультативное Собрание

**XXIII ATCM/ IP98**

May, 1999

Original: English

**Agenda Item 13**



**Overview of Antarctic Activities**

Submitted by  
IAATO

The International Association of Antarctica Tour Operators (IAATO) is pleased to provide this summary of Antarctic tourism for the 1998-1999 season and brief overview of Antarctic tourism trends. A detailed overview of Antarctic tourism and IAATO is available online at [www.iaato.org](http://www.iaato.org), including the statistics compiled annually by the Office of Polar Programs at the U.S. National Science Foundation.

## 1. Overview

In 1998-99 approximately 10,026 people traveled to the Antarctic on private sector expeditions, exceeding for the first time 10,000 travelers. A brief summary of the season, "IAATO Overview of Actual Antarctic Tourism, 1998-99," is appended. Of these Antarctic visitors, 79 participated in land-based expeditions, 90 traveled aboard commercial yachts and 9,857 traveled aboard commercially organized tour vessels.

## 2. Seaborne Tourism

- 2.1 9,857 people traveled to the Antarctic on 15 commercially organized tour vessels from November 1998 to March 1999, a slight increase over the 1997-98 season total of 9,473 ship-based visitors.
- 2.2 IAATO members operated all but one of the Antarctic tour vessels that sailed in 1998-99. Seven of the 15 vessels were of Russian registry.
- 2.3 The vast majority of Antarctic voyages are to the Peninsula region during the four-month Austral summer, departing from Ushuaia or, in fewer numbers, from Punta Arenas or Stanley. Of 102 ship voyages in 1998-99: 96 were to the Antarctic Peninsula Region; one to East Antarctica; three to the Ross Sea; and two voyages including both the Ross Sea Sector and Antarctic Peninsula (*Marco Polo*, *Kapitan Khlebnikov*).
- 2.4 Commercial Antarctic Tour Vessels, 1998-99

Ship	Registry	Capacity	Since
<i>Explorer</i>	Liberia	96	1970
<i>World Discoverer</i>	Liberia	138	1977
<i>Bremen (ex Frontier Spirit)</i>	Bahamas	164	1989
<i>Professor Molchanov</i>	Russia	48	1991
<i>Kapitan Khlebnikov</i>	Russia	114	1992
<i>Akademik Sergei Vavilov</i>	Russia	80	1992
<i>Akademik Ioffe</i>	Russia	115	1993
<i>Hanseatic</i>	Bahamas	180	1993
* <i>Marco Polo</i>	Bahamas	800	1993
** <i>Clipper Adventurer</i>	Bahamas	120	1994
<i>Akademik Shokalskiy</i>	Russia	38	1994
<i>Professor Multanovskiy</i>	Russia	48	1995
<i>Akademik Shuleykin</i>	Russia	48	1996
<i>Disko</i>	Denmark	120	1997
<i>Caledonian Star</i>	Bahamas	110	1998

\* *Not a Member of IAATO. Capacity limited by Orient Lines to 500-600*

\*\* *Clipper Adventurer is the ex Alla Tarasova*

### 3. Commercial Antarctic Yachts

- 3.1 Based on information received by the IAATO Secretariat, a total of 90 passengers were reported to have traveled to Antarctica aboard 11 commercial yachts in the 1998-99 season. This includes yachts reported at Arthur Harbor by the U.S. National Science Foundation, reports made directly to the IAATO Secretariat and information gathered by In.Fue.Tur in Ushuaia. Yacht activity – which may be incomplete – is included in the statistical summaries and projections appended to this report.
- 3.2 According to Hamish Laird, captain of the *Pelagic*, some 225 passengers and crew sailed to Antarctica in the 1997-98 season on 25 voyages, 16 of them commercial charters. Antarctic yacht activity is compiled annually by Robert Headland at Scott Polar Research Institute as part of the ongoing “Chronological List of Antarctic Expeditions and Related Historical Events” (extract tabled as XXII ATCM/IP1).
- 3.3 Regular Commercial yachts with fare paying passengers include the *Pelagic* (IAATO Member, Pelagic Expeditions), *Damien II* (Sally and Jerome Poncet), *Croix St. Paul II* (Alex Foucard), *S. W. Vorwerk*, *Golden Fleece* and yachts organized through Croisieres Australes in France (*Baltazar*, *Boulard*, *Fernande*, *Kekilistrion*, *Kotick I*, *Valhalla*)
- 3.4 The IAATO Secretariat is in regular correspondence with yacht operators and other interested parties regarding Antarctic yacht activity and outreach to the yachting community has improved with several yacht captains and owners participating at the IAATO annual meeting. Yacht operator Pelagic Expeditions is an IAATO member.

### 4. Land-based Tourism

- 4.1 IAATO charter member Adventure Network International (ANI) operated out of Punta Arenas, Chile for the fourteenth consecutive season. It operated one Lockheed L-382 G Hercules and two DHC-6 Twin Otters. The ANI camp at Patriot Hills blue icefield in the Heritage Range (80° 18'S, 81° 21' W) was reopened on 01 November 1998 and closed on 15 February 1999.
- 4.2 There were a total of 12 Hercules flights this season, five of which were used to carry passengers with the remaining flights used for the transportation of fuel for the company's operations. The total number of passengers carried was 79, including 15 visitors to Patriot Hills, 9 to the Emperor Penguin colony at the Dawson-Lambton Glacier, 11 to the South Pole, 31 mountaineers on Vinson Massif and 3 others climbing peaks in the Ellsworth Mountains.
- 4.3 ANI supported 4 separate private expeditions: a team of two Dutch (Ronald Naar and

Coen Hofstede), who attempted a crossing of the Antarctic continent from Dronning Maud Land to McMurdo. Due to weather and equipment problems their journey was terminated just past the South Pole; the Groupe Militaire de Haute Montagne (a five-man French army expedition) skied unsupported to the South Pole from Berkner Island; Ola Skinnarmo, a Swede, successfully skied solo and unsupported to the South Pole from Hercules Inlet, becoming the youngest person to do so; and Mitsuro Ohba, a Japanese citizen, skied/sailed solo from Dronning Maud Land through the South Pole to 76.37°S, 96.78°W near the Fletcher Peninsula.

## **5. Overflights**

- 5.1 Croydon Travel of Victoria, Australia, operated Qantas Antarctic Day Sightseeing flights from Melbourne aboard Qantas Airlines Boeing 747-400 aircraft for the fifth consecutive season. According to the Australian Antarctic Division, a total of 3,127 passengers participated on 9 flights from November 1998 to February 1999. In addition, the plane carried 23 crew per flight.
- 5.2 The aircraft operate mainly to the north Victoria Land coast region, and occasionally to Wilkes Land and as far west as Princess Elizabeth Land (Ingrid Christensen Coast)
- 5.3 Over 13,000 persons have taken part in the overflights since they re-commenced in 1994-1995. Croydon Travel expects to operate 10 flights in the 1999-2000 season to the same areas detailed above.
- 5.4 In addition, overflights of the Antarctic Peninsula from Punta Arenas, Chile have been offered for several seasons. According to Destination Management, a Chilean agency that provides ground services to cruise vessels and other tour companies, at least 22 flights took place between November 1998 and March 1999, each carrying 40-60 passengers and staff including an Antarctic lecturer. The flights have been offered aboard Boeing 737 aircraft operated by Avant, a Chilean carrier. The flights are offered as an optional excursion to cruise ship passengers calling at Punta Arenas.

## **6. Preliminary Estimate of Planned Activities for the 1999-2000 Season**

- 6.1 According to information provided by tour operators to IAATO, 13,906 people may visit Antarctica on commercially organized tour vessels, 200 on land-based expeditions and 192 on commercial yachts in the 1999-00 season. As many as an additional 1,000 passengers may visit Antarctica on a 72-hour cruise only transit of the Antarctic Treaty Area on an around the world voyage aboard the *Rotterdam*. This will be the biggest season ever for Antarctic tourism, as forecast by IAATO (XXI ATCM/IP25), and attributable in part to the overall surge in travel related to the Millennium. The "IAATO Preliminary Estimate of Antarctic Tourism, 1999-00" is appended.
- 6.2 As a matter of interest, Holland America Line has submitted an Initial Environmental Evaluation for its planned activities aboard the *Rotterdam* to the U.S. Environmental

Protection Agency, which was determined to meet obligations under the Environmental Protocol and U.S. Law. The World Cruise Company, based in Toronto, is preparing an Environmental Impact Assessment for its activities aboard the *Ocean Explorer I* and *Aegean I* to be submitted to appropriate national authorities.

- 6.3 The *Rotterdam* is registered in the Netherlands. According the Initial Environmental Evaluation submitted to the U.S. Environmental Protection Agency, the ship will spend approximately 72 hours in the Antarctic Treaty Area on a cruise-only program with no small boat cruising or landings.
- 6.4 The *Ocean Explorer I* and *Aegean I* are both Greek registered vessels. Each vessel will visit the South Shetland Islands as one stop on an around-the-world voyage. During these voyages, the *Aegean I* is expected to carry approximately 500 passengers and the *Ocean Explorer I* approximately 600 passengers. Each vessel will be in the Antarctic Treaty Area for approximately 36 hours. Both vessels will also participate in a 7-day millennium cruise, with approximately 48 hours scheduled in the South Shetland Islands. On these voyages, the *Aegean I* is expected to carry approximately 450 passengers and the *Ocean Explorer I* approximately 250 passengers. Planned activities will be provided in more detail in the Environmental Impact Assessment under preparation by the tour organizer.
- 6.5 Marine Expeditions, an experienced Antarctic tour operator and IAATO member, will assist in coordinating staffing and marine operations for the two vessels. According to information received by the IAATO Secretariat, the Antarctic cruises aboard the *Ocean Explorer I* and *Aegean I* are in celebration of the Millennium. In future years, The World Cruise Company has announced that it plans one visit per year on one vessel.
- 6.6 In other noteworthy changes for the coming season, an Australian company, Peregrine Expeditions plans nine voyage aboard the *Boris Petrov*, a 52-passenger Russian-flagged vessel that had previously sailed in the Antarctic. Peregrine Expeditions, which has applied for IAATO membership, has sponsored voyages in the Antarctic since 1996. IAATO-member Marine Expeditions will replace the *Disko*, a 120-passenger Danish-flagged vessel, with the *Lyubov Orlova*, a 120 passenger Russian operated vessel with Malta registry. The *Lyubov Orlova* is a sister ship of the Antarctic tour vessel *Clipper Adventurer* (ex *Alla Tarasova*). The 110-passenger Russian-flagged icebreaker, *Kapitan Dranitsyn*, operated by Quark Expeditions will also return to the Antarctic after an absence of several seasons.

## 7. Antarctic Tourism Trends

- 7.1 For the past decade, the U.S. National Science Foundation has compiled and distributed detailed information on Antarctic tour activity. IAATO collaborates with NSF to ensure that all Antarctic tourism is represented, not just that of U.S. organizers. The United States has submitted this information on tourism trends at a previous consultative meeting (XXI ATCM/INF 90). Appendices include the following eight tables and charts compiled by NSF and revised by IAATO to reflect

the 1998-99 season wherever possible. Updated charts and tables reflecting the 1998-99 season are currently in preparation by NSF. This data is an invaluable resource, showing tourism activity at individual landing sites over time.

C. Antarctic Tourist Trends

D. Antarctic Tourism, Ship vs. Land Based

E. Projected Trends in Antarctic Tourism

F. Comparison of Nationalities (1994/95 – 1997/98)

G. 1997-98 Summary of Peninsula Sites Visited by Tour Ships

H. Nine Season (1989-98) Overview of Sites Visited in the Antarctic Peninsula

I. 1997-98 Summary of Continental Sites Visited by Tour Ships

J. Overview of Sites Visited – Continental Side of Antarctica (1992/93 – 1997/98)

- 7.2 In addition, an analysis of tourism trends at specific landing sites is included in the 1997 report to the governments of the United States and the United Kingdom by Ron Naveen, "Compendium of Antarctic Peninsula Visitor Sites." This report is the result of the ongoing Antarctic Site Inventory Project. In addition, the Tourism Board of Tierra del Fuego (In.Fue.Tur) publishes an annual report on "Antarctic Tourism Numbers through the Port of Ushuaia."
- 7.3 With the exception of the *Marco Polo*, operating in the Antarctic since 1993, traditional cruise liners have not regularly visited the Antarctic since the 1970s when the *Regina Prima*, *Cabo San Roque* and *Cabo San Vincente* made a number of voyages, each with more than 800 passengers. The *Europa* sailed to Antarctica in 1994-95 with 841 passengers and the *Sagafford* included a cruise-only visit to the South Shetlands on an around the world voyage in 1992-93. The 1999-00 season marks the first visit in a number of years by a larger cruise vessel, the *Rotterdam*, in addition to the announced voyages aboard *Aegean I* and *Ocean Explorer I*, both expected to carry more than 400 passengers.
- 7.4 Experienced Antarctic tour operators believe that operational realities and economic considerations will discourage traditional cruise companies from including Antarctica on their itineraries; Antarctica is too remote, across potentially stormy seas and of limited interest to the mass market. While IAATO will monitor developments in the tour industry, it is predicted that Antarctica will remain a specialized and expensive niche destination offered by a limited number of experienced small ship tour operators focusing on educational voyages to areas of exceptional natural history and wilderness value.

## 8. IAATO Statement on Larger Cruise Vessels

- 8.1 As adopted in 1991, the IAATO Bylaws include a pledge by members not to carry more than 400 passengers per trip. The 400-passenger limit was determined, in part, by the fact that the seven founding members of IAATO included Paquet/Ocean cruise Lines which operated the 400-passenger *Ocean Princess* at the time. The question of larger vessels has been under active discussion by members since 1991 and the issue remains high on the IAATO agenda. Orient Line, which has operated the *Marco Polo* in the Antarctic since 1993-94, and is not currently a member of IAATO due the size

of the vessel, voluntarily limits the number of passengers carried to 500-600.

- 8.2 The July 1998 IAATO general Meeting voted by a 2/3 majority to remove the numerical limit of 400 passengers per voyage and replace it with a general statement on meeting the obligations of the Antarctic Treaty System. No appropriate language has been agreed upon and any further action on the 400-passenger limit is pending discussion at the 1999 IAATO general meeting in Hamburg (June 27 – July 1).
- 8.3 The significance of the size of the vessel as it relates to potential impact, contingency planning and emergency response is complex, and factors such as choice of landing site, number of landings, type of fuel carried may be of equal or greater importance than the size of the vessel. These are not issues that are easily resolved. In particular, IAATO members are concerned that potential cumulative environmental impacts and emergency response requirements of very large vessels could adversely impact on the principles of safe and environmentally responsible travel to Antarctica.
- 8.4 As a matter of principle and in practice, all tour operators – whether or not associated with IAATO – are included in emergency contact information, exchange of information and other activities of the IAATO Secretariat. Non-members, prospective members and other interested parties participate in the annual general meeting of IAATO, where obligations of the Antarctic Treaty System are discussed and policies developed.

Appendices:

- A. IAATO Overview of Actual Antarctic Tourism, 1998-99
- B. IAATO Preliminary Estimate of Antarctic Tourism, 1999-00
- C. Antarctic Tourist Trends
- D. Antarctic Tourism, Ship vs. Land Based
- E. Projected Trends in Antarctic Tourism
- F. Comparison of Nationalities (1994/95 -1998/99)
- G. 1997-98 Summary of Peninsula Sites Visited by Tour Ships
- H. Nine Season (1989-98) Overview of Sites Visited in the Antarctic Peninsula
- I. 1997-98 Summary of Continental Sites Visited by Tour Ships
- J. Overview of Sites Visited – Continental Side of Antarctica (1992/93 -1997/98)

## IAATO Overview of Actual Antarctic Tourism, 1998-1999

(Based on information provided to IAATO and the U.S. National Science Foundation by Antarctic tour operators as of 13 May 1999, including all tour activity within the Antarctic Treaty Area)

Vessel	Operator/Charterer	Total # Voyages	Total # Passengers
Land based expeditions	Adventure Network International		79
<i>Explorer</i>	Abercrombie & Kent / Explorer Shipping <sup>1</sup>	10	743
<i>Hanseatic</i>	Hapag Lloyd	5	762
<i>Bremen</i>	Hapag Lloyd	5	569
<i>Kapitan Khlebnikov</i>	Aurora Expeditions	1	79
<i>Kapitan Khlebnikov</i>	Quark Expeditions <sup>2</sup>	2	152
<i>Professor Molchanov</i>	Aurora Expeditions	9	449
<i>Professor Molchanov</i>	Quark Expeditions	1	39
<i>Professor Mulianovskiy</i>	Quark Expeditions	7	304
<i>Akademik Vavilov</i>	Quark Expeditions <sup>3</sup>	8	634
<i>Clipper Adventurer</i>	Quark Expeditions	3	288
<i>Clipper Adventurer</i>	Zegrahm Expeditions	1	107
<i>Clipper Adventurer</i>	Clipper Cruise Line	3	290
<i>Akademik Shokalskiy</i>	Heritage Expeditions	2	85
<i>World Discoverer</i>	Society Expeditions	6	730
<i>Caledonian Star</i>	Special Expeditions	5	436
<i>Akademik Ioffe</i>	Marine Expeditions	9	689
<i>Akademik Shuleykin</i>	Marine Expeditions	4	190
<i>Akademik Shuleykin</i>	Mountain Travel Sobek	5	222
<i>Disko</i>	Marine Expeditions	12	912
<i>S/Y Pelagic</i>	Pelagic Expeditions	1	6
<i>Marco Polo</i>	Orient Lines <sup>4</sup>	4	2177
Australes Croisieres yachts	Australes Croisieres <sup>5</sup>	6	27
Other yachts (actual)	Other yachts <sup>6</sup>	7	57
<b>TOTALS</b>		<b>116</b>	<b>10026</b>



---

## Notes

<sup>1</sup> Including one voyage sponsored by IAATO Associate Member Victor Emanuel Nature Tours

<sup>2</sup> Including 46 passengers booked by Adventure Associates

<sup>3</sup> Including one voyage sponsored by IAATO Associate Member Asteria Antarctica and 19 passengers booked throughout the season by IAATO member WildWings

<sup>4</sup> Not a Member of IAATO

<sup>5</sup> Not a Member of IAATO. Yachts are *Valhalla*, *Kotick I*, *Kekilstrion*, *Boulard*, *Baltazar* & *Fernande*

<sup>6</sup> Not a Member of IAATO. This information may be incomplete and is based on reports provided by IAATO Members, NSF and Infue.tur for *Croix St. Paul II* (2 voyages), *Meander* (2 voyages), *Tiama* (1 voyage), *Golden Fleece* (1 voyage), *Sarah W. Vorwerk* (1 voyage).

## IAATO Preliminary Estimate of Antarctic Tourism, 1999-00

(Based on information provided by Antarctic tour operators to the IAATO Secretariat as of 15 May 1999)

Vessel	Operator/Charterer	Passenger Capacity	Probable # Voyages	Estimated Ave. Load	Probable # Passengers
Land-based programs	Adventure Network Int'l				200
<i>Explorer</i>	Explorer Shipping <sup>1</sup>	96	10	75	750
<i>Kapitan Khlebnikov</i>	Quark Expeditions <sup>2</sup>	114	3	110	330
<i>Kapitan Dranitsyn</i>	Quark Expeditions	110	3	100	300
<i>Kapitan Dranitsyn</i>	Aurora Expeditions	110	1	100	100
<i>Professor Molchanov</i>	Aurora Expeditions	48	10	45	450
<i>Akademik S. Vavilov</i>	Quark Expeditions	80	10	75	750
<i>Professor Multanovskiy</i>	Quark Expeditions <sup>3</sup>	48	9	45	405
<i>Akademik Shokalskiy</i>	Heritage Expeditions	38	2	38	76
<i>Clipper Adventurer</i>	Clipper Cruise Line	120	8	110	880
<i>Clipper Adventurer</i>	Zegrahm Expeditions	120	1	115	115
<i>World Discoverer</i>	Society Expeditions <sup>4</sup>	138	7	120	840
<i>Bremen</i>	Hapag-Lloyd	164	7	140	980
<i>Hanseatic</i>	Hapag-Lloyd	180	7	150	1050
<i>Caledonian Star</i>	Special Expeditions	110	5	95	475
<i>Akademik Ioffe</i>	Marine Expeditions	115	9	100	900
<i>Akademik Shuleykin</i>	Mt. Travel-Sobek	48	4	40	160
<i>Akademik Shuleykin</i>	Marine Expeditions	48	4	40	160
<i>Lyubov Orlova</i>	Marine Expeditions	120	8	100	800
<i>Akademik Boris Petrov</i>	Peregrine Expeditions <sup>5</sup>	52	9	40	360
<i>S/Y Pelagic</i>	Pelagic Expeditions	6	2	6	12
<i>Marco Polo</i>	Orient Lines <sup>6</sup>	800	5	465	2,325
<i>Aegean I</i>	The World Cruise Company <sup>7</sup>	630	2	450	900
<i>Ocean Explorer I</i>	The World Cruise Company <sup>8</sup>	850	2	550/250	800
<i>Yachts (~16)</i>	Various <sup>9</sup>		20	9	180
<b>TOTALS</b>			<b>148</b>		<b>14,298</b>

Cruise Only (No Landings)

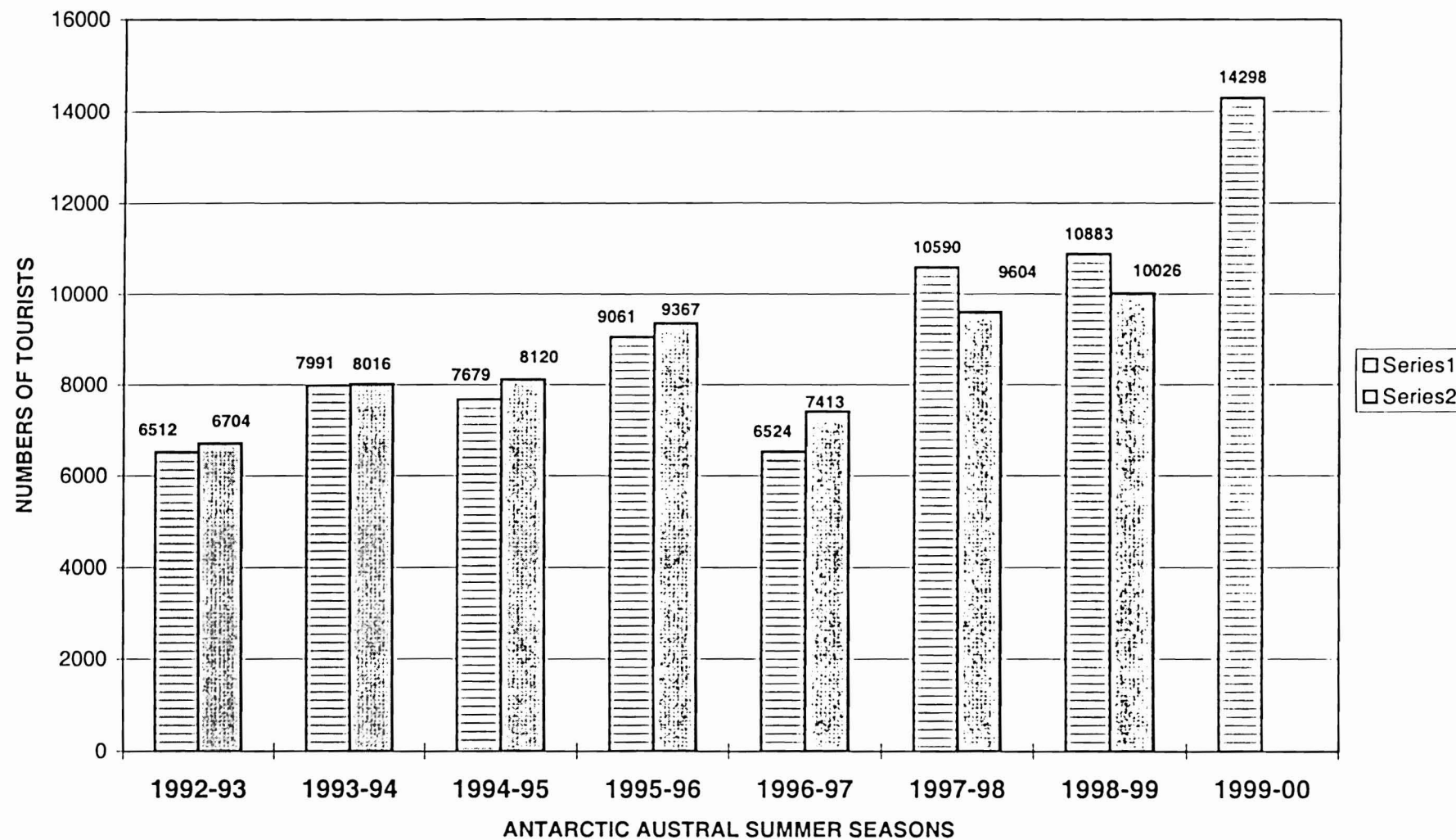
Rotterdam	Holland America Line <sup>10</sup>	1,316	1	1000	
-----------	------------------------------------	-------	---	------	--

Notes

- <sup>1</sup> Including one voyage in conjunction with IAATO Associate Member Victor Emanuel Nature Tours
- <sup>2</sup> Including voyages in conjunction with IAATO members Zegrahm Expeditions and Adventure Associates
- <sup>3</sup> Including charters by IAATO members Heritage Expeditions and Asteria Antarctica
- <sup>4</sup> Including one voyage in conjunction with IAATO member Zegrahm Expeditions
- <sup>5</sup> Application as Provisional IAATO Member pending. Peregrine Expeditions previously sponsored Antarctic voyages in conjunction with IAATO member Quark Expeditions
- <sup>6</sup> Not an IAATO Member. Marco Polo has operated in Antarctica since the 1993-94 season
- <sup>7</sup> Not an IAATO Member. The World Cruise Company is a sister company of Marine Expeditions and, according to information provided the IAATO Secretariat, shares the same staff and marine operations team
- <sup>8</sup> Not an IAATO Member. The millennium voyage, with an estimated 250 passengers, is sponsored by IAATO members Marine Expeditions and Mountain Travel-Sobek
- <sup>9</sup> This is a projected figure based on past yacht activity in Antarctica only. Previous IAATO preliminary estimates have not included projected yacht voyages
- <sup>10</sup> Not an IAATO Member. Vessel will spend 72 hours in Antarctic Treaty Area on a World Cruise with no plans for small boat cruising or landings. According to information provided to the IAATO Secretariat and the IEE filed with the U.S. Environmental Protection Agency, this will be a cruise only program

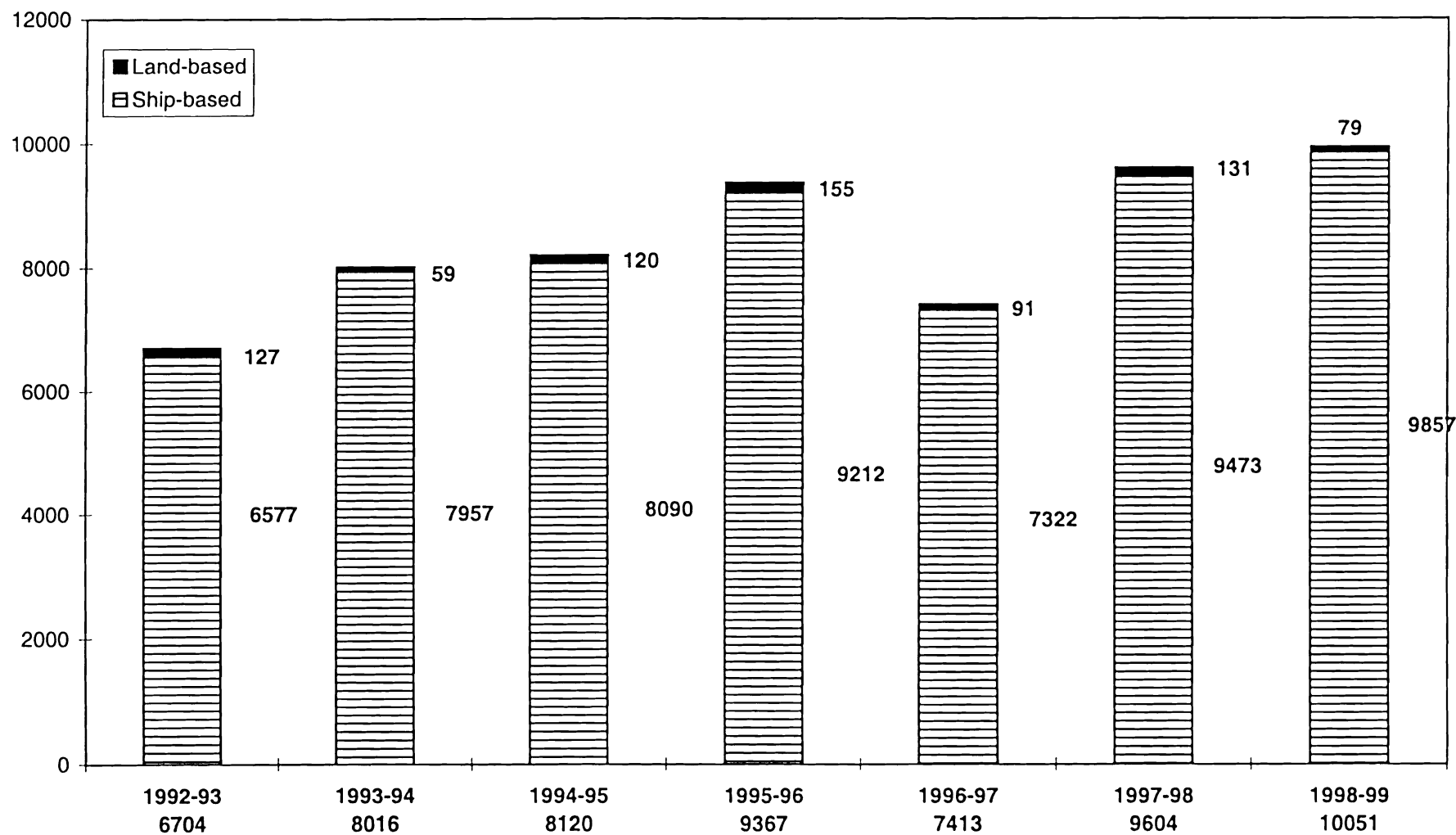
## ANTARCTIC TOURIST TRENDS

[Includes Ship and Land-Based passenger numbers. 1997-98 onwards includes commercial yacht activity]



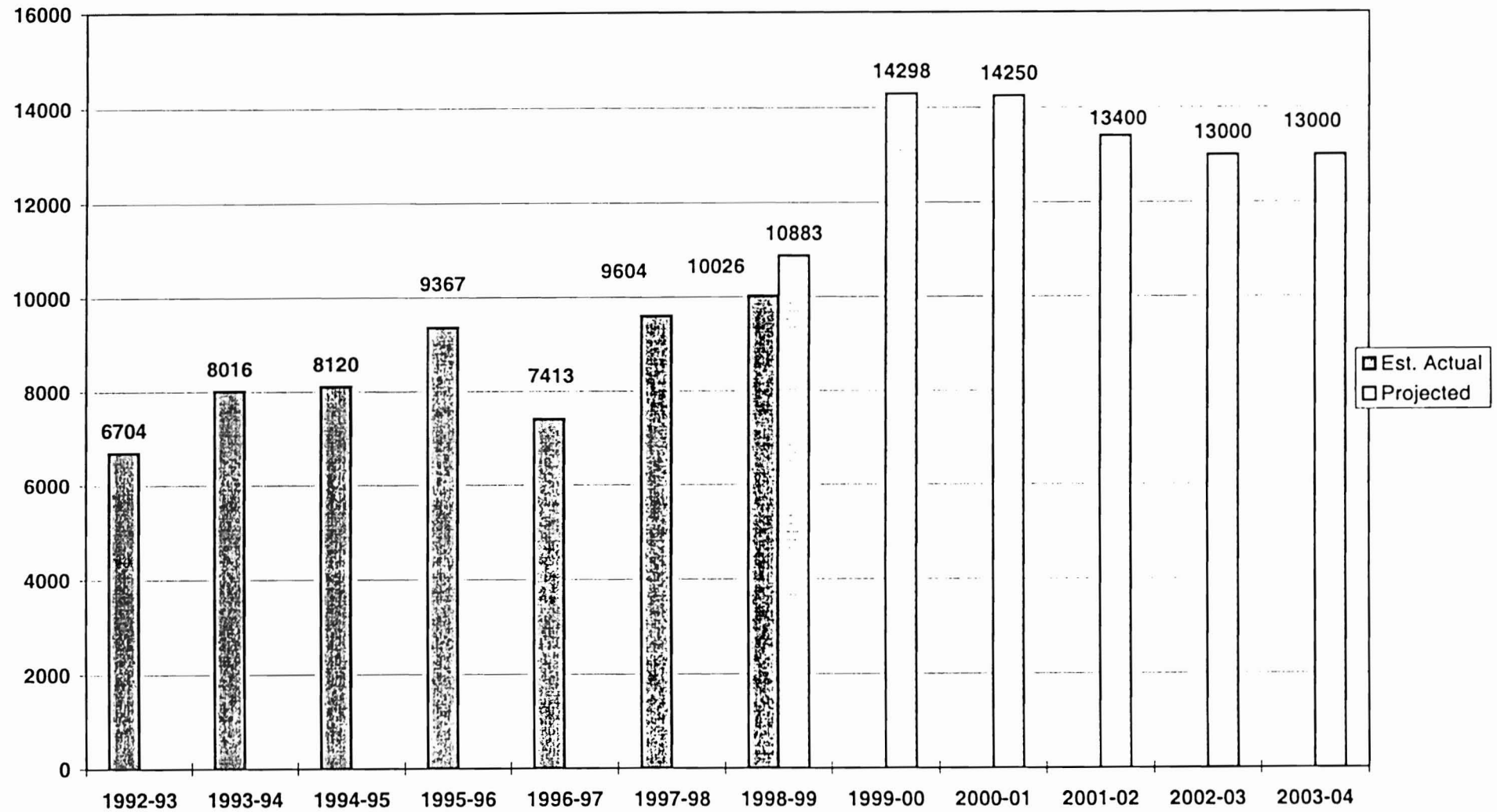
Compiled by the National Science Foundation (NSF) from information provided by Antarctic Tour Operators (IAATO Members)

## ANTARCTIC TOURISM - SHIP VS LAND BASED



## PROJECTED TRENDS IN ANTARCTIC TOURISM

[Data from 1997-98 onward includes commercial yacht activity]



### Preliminary Comparison of Nationalities (1994/95 - 1998/99)

1994-95		%
U S	2 985	36.40%
Germany	1 507	18.40%
Argentina	597	7.30%
U K.	441	5.40%
Brazil	364	4.40%
Australia	356	4.30%
Japan	259	3.20%
Canada	219	2.70%
Switzerland	201	2.40%
France	180	2.20%
Others	642	7.80%
Unknown	459	5.60%
<b>Totals</b>	<b>8.210</b>	<b>100.10%</b>

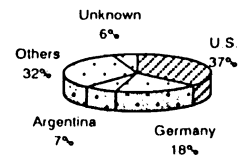
1995-96		%
U S	3 382	36.70%
Germany	1 061	11.50%
U K	857	9.30%
Japan	661	7.20%
Australia	410	4.50%
Switzerland	192	2.10%
Austria	174	1.90%
Canada	159	1.70%
France	95	1.00%
Argentina	94	1.00%
Others	736	8.00%
Unknown	1391	15.10%
<b>Totals</b>	<b>9.212</b>	<b>100.00%</b>

1996-97		%
U S	3 503	47.80%
Germany	777	10.60%
Australia	680	9.30%
Japan	510	7.00%
U K	475	6.50%
Switzerland	280	3.80%
Canada	254	3.50%
Sweden	102	1.40%
France	93	1.30%
Austria	78	1.10%
Others	569	7.80%
Unknown	9	0.10%
<b>Totals</b>	<b>7.330</b>	<b>100.20%</b>

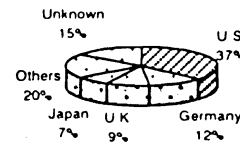
1997-98		%
U S	4 149	43.20%
Germany	1 246	12.97%
Australia	989	10.30%
U K	963	10.03%
Japan	473	4.93%
Switzerland	258	2.69%
Canada	194	2.02%
Belgium	152	1.58%
Austria	145	1.51%
France	96	1.00%
Others	713	7.42%
Unknown	226	2.35%
<b>Totals</b>	<b>9.604</b>	<b>100.00%</b>

The charts below reflect only nationalities of 7% or higher. The remaining nationalities were added to the "Others" category. (% discrepancies due to rounding)

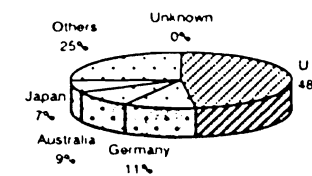
1994-95



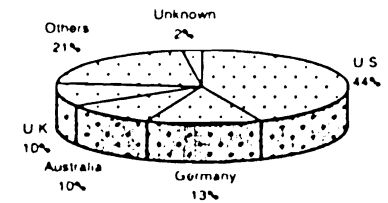
1995-96



1996-97

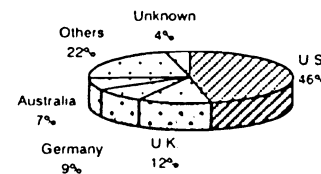


1997-98



1998-99 *		%
U.S.	4 682	46.70%
U K.	1 173	11.70%
Germany	855	8.53%
Australia	748	7.46%
Switzerland	297	2.96%
Japan	290	2.89%
Austria	209	2.08%
Canada	188	1.87%
Belgium	128	1.28%
So Africa	109	1.09%
Others	956	9.53%
Unknown *	392	3.91%
<b>Totals</b>	<b>10.027</b>	<b>100.00%</b>

1998-99 \*



COMPILED BY THE NATIONAL SCIENCE FOUNDATION (NSF) FROM INFORMATION PROVIDED BY ANTARCTIC TOUR OPERATORS.

\* For the 1998-99 season totals, Information is pending for 222 passengers (Akademik Shulekin), listed here as "unknown."

1997-98 SUMMARY OF PENINSULA SITES VISITED BY TOUR SHIPS

June 15, 1998

JUNE 15, 1998 * = zodiac cruising ONLY; # = helo landing @ = helo overflight ONLY; ^ = camping SITES VISITED	TOTAL # VISITS		TOTAL # PAX		AVG. PAX/VISIT		AVG. DAYS b/t VISITS	MAX. DAYS b/t VISITS	MIN. DAYS b/t VISITS
	Cruising/helo	With	Cruising/helo	Actually	Cruising/helo	Actually			
	ONLY	Landing	ONLY	Landed	ONLY	Landed			
<b>FORMATION PROVIDED BY ANTARCTIC TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS</b>									
PORT LOCKROY, WIENCKE IS.		58		6,429		110.8	1.4	16	-1
WHALERS BAY, DECEPTION IS.	1*	60	49*	5,344	49.0	89.1	0.9	7	-2
HALF MOON ISLAND (MOON BAY)		33		4,382		132.8	1.8	9	-2
CUVERVILLE ISLAND	2*	53	525*	4,143	262.5	78.2	1.3	13	-2
ALMIRANTE BROWN (STATION), PARADISE BAY	1*	34	149*	3,991	149.0	117.4	2.5	32	-1
PETERMANN ISLANDS		42		3,867		92.0	1.8	11	-1
PENDULUM COVE, DECEPTION IS.		31		3,426		110.5	1.8	10	-1
HANNAH POINT, LIVINGSTON IS.		39		3,399		87.2	1.9	13	-1
GONZ. VIDELA/WATERBOAT PT., PARADISE BAY		12		2,998		249.8	4.4	13	-1
AITCHHO ISLANDS		31		2,499		80.6	2.6	8	-1
NEKO HARBOR, ANDVORD BAY		27		1,737		64.3	3.4	16	-1
PALMER STATION, ANVERS IS.		14		1,417		101.2	7.6	17	-1
BAILY HEAD, DECEPTION IS.		19		1,395		73.4	4.6	17	-1
PENGUIN ISLAND, KGI		15		1,394		92.9	4.8	14	0
BROWN BLUFF, TABARIN PENIN. (Antarctic Peninsula)	1*	17	135*	1,293	135.0	76.1	3.6	18	0
HOPE BAY (ESPERANZA)		10		1,210		121.0	5.6	14	-1
VERNADSKY STATION, Argentine Island		19		1,094		57.6	3.5	16	-1
ARCTOWSKI (STATION), KGI		11		1,014		92.2	10.1	19	2
PARADISE BAY (should specify)	10*	15	952*	941	95.2	62.7	3.8	13	-1
TORGENSEN ISLAND		9		890		98.9	10.4	17	-1
TURRET POINT, KING GEORGE BAY, KGI		9		858		95.3	8.1	17	0
CAPE LOOKOUT, ELEPHANT IS.	1*	7	159*	749	159.0	107.0	13.1	30	0
PAULET ISLAND		8		732		91.5	3.9	8	0
GRYTVIKEN (STATION), S. GEORGIA		7		708		101.1	18.2	29	0
FERRAZ (STATION), VISCA ANCHORAGE, KGI		5		693		138.6	27.0	55	0
YANKEE HARBOR, GREENWICH IS.		7		589		84.1			
TELEFON BAY, DECEPTION IS.		7		566		80.9	12.8	33	0
PLENEAU ISLAND	3*, 2^	8	198*, 101^	548	66.0*, 50.5^	68.5	8.3	34	-2
GOUDIER ISLAND (small rock in harbor at Port Lockroy)		6		467		77.8	8.4	17	2
DORIAN BAY, NW side WIENCKE ISLAND		6		453		75.5	11.0	35	0
JOUGLA POINT, PORT LOCKROY		5		450		90.0	7.5	17	2
GEORGE'S POINT, RONGE' ISLAND		4		440		110.0	17.0	34	5
HOVGAARD ISLAND	1*	1	54*	439	54.0	439.0	45.0		
DETAILLE ISLAND		4		413		103.3	14.7	42	0
CAMARA STATION (Arg.), HALF MOON ISLAND		2		395		197.5	36.0		
ROBERT POINT, ROBERT IS., SOUTH SHETLANDS		6		383		63.8	15.2	57	0
DANCO ISLAND (off west coast Graham Land)		6		380		63.3	11.0	27	3

0=no days between visits; -1=2 ships visiting site on same day; -2=3 ships visiting site on same day



NINE SEASON (1989-98) OVERVIEW OF SITES VISITED IN THE ANTARCTIC PENINSULA

June 16, 1998 #1

JULY 9, 1997 * = Zodiac cruising ONLY; # = helo landing: @ = helo overflight ONLY SITES VISITED	1989-90		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98			
	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED		
COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS																				
ARTURO PRAT (STATION), GREENWICH IS.					2	181	0	0	0	0	1	112	1	66	3	224	3	21		
MELCHIOR ISLANDS	1	100	7*	832	3	249	3*	1	305*	17	2	203	2*	1	177*	14	4*	3	203*	25
DECEPTION ISLAND (need to be more specific)																				23
RONGE ISLAND								5	186	6	267	1*	9	47*	664	9	634	4	21	
GOURDIN ISLAND																			2	20
HYDRURGA ROCKS							1*	54*	3	165	2	72	1	83	1*	7	31*	4	19	
SALISBURY PLAIN, S. GEORGIA	4	412	4	307	4	390	3	128	2	164	6	582	3	215	5	307	2	19		
CIERVA COVE							1	38	3*	85*	3*	107*	2*	3	200*	272	2*	2	103*	17
YALOUR ISLANDS			1	87	1*	2	75*	177	1*	117*	1*	5	142*	378	2*	2	226*	117	3	16
PRESIDENTE FREI (STATION), KGI (Marsh Base)	6	621	4	596	8	1162	2	333	1	90	9	766	6	542	5	335	2	16		
ALBATROSS ISLAND, SOUTH GEORGIA													1*	3	38*	145	1*	3	148*	15
CARCASS ISLAND													2	110	2	174	3	15		
BELLINGSHAUSEN (STATION), KGI					9	966	1	62	1	88	8	573	10	530	6	138	11	14		
POSSESSION BAY, SOUTH GEORGIA																			1	13
GIBBS ISLAND, SOUTH SHETLAND IS.											2*	229*	1*	107*	2*	247*	1*	1	96*	13
PORTAL POINT, CHARLOTTE BAY			1	93	0	0	8	592	10	781	8	641	14	890	(1-1)	5	(15-1)	370	4	11
GIBBON BAY, CORONATION ISLAND																		1*	1	11
URUGUAYAN HUT, HOPE BAY																			1	10
ST. ANDREWS BAY, S. GEORGIA			1	45	0	0	1	46	1	49	3	275	3	182	4	261	1*	2	58*	9
MOLTKE HARBOR, ROYAL BAY, S. GEORGIA	1	97	1	45	2	240	0	0	0	0	0	0	0	0	0	0	0	2	9	
RANCHO POINT, DECEPTION ISLAND																			1	9
SPIGOT PEAK, ORNE ISLAND									1	33									1	9
WEST POINT ISLAND, FALKLAND IS.																3	273	2	9	
PROSPECT POINT, GRAHAM LAND							3	305	0	0	4	291	1*	2	69*	122	1	9		
SKONTORP COVE, PARADISE BAY							1*	7	27*	257	0	0							1	9
ELEPHANT ISLAND (should specify)										1*	135*	3	259	1	50	1*	1	46*	8	
RONGRAIN POINT, POTRERO PAS ISLAND																			1	8
LAGARRIGUE COVE (Selwick Cove), ORNE HARBOR												1	99						1	7
DURVILLE MOUNT, JOHNVILLE ISLAND									1	33									1	7
MAXWELL BAY, KGI (specify)					1	78	0	0	2	166			3	148					1	7
COOPER BAY (north end), S. GEORGIA							1	46	0	0	4	344	2	134	3	235	1*	1	48*	5
ORNE HARBOR (west coast Graham Land)													1	30	1*	3	70*	266	1*	5
ADELAIDE ISLAND	2	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
CURTISS BAY, (west coast Graham Land)												2*	2	159*	72	1*	2	114*	65	5
STEEPLE JASON ISLAND, FALKLAND IS.															1	113	1	1	5	
RENNETT ISLANDS, HANUSSE BAY																			1	5
HILS BAY, BRABANT ISLAND																			1	5
METCHINOFF POINT, BRABANT ISLAND					1*	12*	0	0	0	0	0	0	0	0	0	0	0	0	1	5
HURSESHOE ISLAND																			1	5
CHRISTIANIA ISLANDS																			1*	5
ASTROLABE ISLAND									1	34	3	93	2*	4	83*	211	3*	2	135*	5
WOMDIE POINT, VISOKIN Is., S. SANDWICH IS.																			1	5

NINE SEASON (1989-98) OVERVIEW OF SITES VISITED IN THE ANTARCTIC PENINSULA

htz  
June 16, 1998

JULY 9, 1997 * = roddac cruising ONLY; # = helicopter landing; @ = helicopter overflight ONLY SITES VISITED	1989-90		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98															
	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED														
* * * * * COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS * * * * *																																
PORT LOCKROY, WIENCKE IS.	7	796	7	1067	19	2615	1	22	57	2139	4	30	409	4274	27	1769	3	42	216	3851	1	12	56	22	190	3,110	58	6				
WHALEERS BAY, DECEPTION IS.	17	1682	13	1496	23	2899	22	1711	37	3480	66	5241	67	5033	51	3,012	1	60	49	5	24											
HALF MOON ISLAND (MOON BAY)	10	1191	9	1011	25	2984	14	1585	17	2961	38	3017	49	5221	35	2,258	33	4	3													
CLUVERVILLE ISLAND	8	883	8	936	21	2565	25	1589	2	27	226	2174	2	47	144	3367	3	59	259	4343	3	56	169	3,714	2	53	525	4	14			
ALMIRANTE BROWN (STATION), Paradise Bay	10	1191	16	1471	26	2889	19	1659	2	31	78	3513	5	43	286	1307	1	25	17	2244	38	2,504	1	34	149	3	9					
PETERMANN ISLANDS	6	761	11	1084	14	1376	14	1376	4	30	518	2828	42	3406	47	3504	1	34	75	2,576	42	34	75	2,576	31	3	4					
PENDULUM COVE, DECEPTION IS.	7	587	10	1215	19	2011	23	1936	33	3159	41	2803	42	3492	44	2,725	31	3	4													
HANNAH POINT, LIVINGSTON IS.	3	419	2	192	17	1632	23	1542	29	2740	46	4010	37	3048	46	3,480	39	3	3													
GONZ. VIDELAWATERBOAT PT., Paradise Bay	9	1038	10	1965	15	2398	19	1671	3	17	330	3248	5	20	528	1559	14	2384	12	1,095	12	2	9									
AITCHO ISLANDS	2	271	0	0	3	285	7	601	3	271	10	667	23	1759	37	2,341	31	2	4													
NEKO HARBOR, ANDVORD BAY							8	357	6	275	12	560	21	963	1	1	36	46	121	2,348	27	1	73									
PALMER STATION, ANVERS IS.	11	1252	9	923	11	1265	9	1014	10	1185	9	1030	8	724	11	979	14	1	41													
BAILY HEAD, DECEPTION IS.	5	455	6	584	4	14	315	1182	1	10	30	657	1	9	18	990	2	32	132	2576	4	19	311	1094	2	14	114	1,133	19	1,3		
PENGUIN ISLAND, KGI	3	256	0	0	1	65	7	506	1	13	62	1166	24	1692	23	1,449	2	12	65	1,090	15	1	3									
BROWN BLUFF, TABARIN PENIN (Antarctic Peninsula)													2	77	4	553	1	17	135	1	29											
HOPE BAY (ESPERANZA)	1	145	3	1130	9	1278	3	209	17	1801	1	11	59	907	17	1476	7	710	10	1,21												
VERNADSKY STATION, Argentine Island													6	369	19	1,09																
ARCTOWSKI (STATION), KGI	8	930	6	601	14	1509	10	598	30	3031	1	31	47	2445	21	1724	22	1,789	11	1,61												
PARADISE BAY (should specify)									1	142	4	1	36	218	92	2772	10	22	857	1,739	10	15	952	94								
TORGENSEN ISLAND			8	788	8	872	8	890	2	126	6	545	4	325	3	192	9	85														
TURRET POINT, KING GEORGE BAY, KGI									1	99	1	146	4	180	3	185	9	85														
CAPE LOOKOUT, ELEPHANT IS.	5	541	2	124	1	5	50	579	1	4	118	271	2	6	133	1131	1	9	103	951	1	4	134	442	3	8	431	818	1	7	159	74
PAULET ISLAND	7	772	4	240	14	2239	16	1498	2	18	266	1664	30	2819	31	2315	31	2,808	8	73												
GRYTVIKEN (STATION), S. GEORGIA	4	501	5	420	6	743	4	161	6	746	5	449	7	473	7	510	7	70														
FERRAZ (STATION), VISCA ANCHORAGE, KGI	3	305	1	95	6	660	2	187	12	1135	10	930	4	321	3	183	5	69														
YANKEE HARBOR, GREENWICH IS.					2	763	2	474	1	3	169	233	8	544	1	19	43	1893	7	473	7	56										
TELEFON BAY, DECEPTION IS.	6	492	4	452	6	606			1	72	12	819	5	403	7	543	4	282	7	56												
PLENEAU ISLAND							10	447	6	370	7	6	445	374	8	20	613	1333	10	1	24	306	155	1,803	3	2	8	198	10	54		
GOUDIER ISLAND (small rock in harbor at Port Lockroy)													1	44	3	262	6	46														
DORIAN BAY, NW side WIENCKE ISLAND													1	133	1	82	94	1	92	6	45											
JOUGLA POINT, PORT LOCKROY															1	2	18	102	5	45												
GEORGE'S POINT, RONGE ISLAND															2	139	4	44														
HOVGAARD ISLAND					1	328	1	391	1	475	2	172	2	138	1	109	135	203	1	54	43											
DETAILLE ISLAND	1	94	2	195	0	0	3	278	0	0	2	236	1	108	4	41																
CAMARA STATION (Arg.), HALF MOON ISLAND													1	96	2	672	2	39														
ROBERT POINT, ROBERT IS., SOUTH SHETLANDS													2	118	1	45	6	36														
DANCO ISLAND (off west coast Graham Land)										3	73	4	276	1	13	34	560	5	314	6	36											
KINNES COVE, JOINVILLE ISLAND										1	71	1	82	3	37																	
GOLD HARBOR, S. GEORGIA	3	274	3	282	2	203	0	0	4	504	3	398	4	308	6	438	5	34														
MIKKELSEN HARBOR, TRINITY ISLAND	1	85	0	0	1	72	7	258	0	0	1	3	41	160	2	76	1	72	5	34												
JUBANY (STATION), POTTER'S COVE, KGI	1	120	1	107	3	307	4	305	6	869	3	403	3	403	3	3	3	3														
POINT WLD. ELEPHANT IS.	2	265	2	151	2	268	4	1	175	95	3	1	207	108	4	3	361	185	6	1	484	26	7	547	4	2	321	26				

H<sub>3</sub>

NINE SEASON (1989-98) OVERVIEW OF SITES VISITED IN THE ANTARCTIC PENINSULA

June 16, 1998

JULY 9, 1997 * = Zodiac cruising ONLY; # = helo landing; @ = helo overflight ONLY SITES VISITED	1989-90		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98		
	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	
***** COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS *****																			
SUAREZ GLACIER (not Petzval), Paradise Bay															1*	42*	32		
BRINONIA GLACIER																		1	
VOLUNTEER POINT, FALKLANDS (7)													1	68				1	
PEON PEAK ???????????																		1	
DAMOY POINT, WENCKE IS.											2	188	5	503			1*	40*	
ARTIGAS (STATION-Uruguay), KGI											3	212						1	
DEVIL ISLAND, NE end of Antarctic Peninsula													4	352	9	657		1	
GREAT WALL (STATION), KGI					1	84	1	82	0	0			1	60				1	
DRYGALSKI FJORD, S. GEORGIA							1	30	0	0	1*	84*	1	105			2*	201*	
ENTERPRISE ISLANDS											1*	88*					2*	184*	
ANTARCTIC SOUND													1*	100*			2*	167*	
MADDER CLIFFS, JOHNVILLE ISLAND																	1*	142*	
LEMAIRE CHANNEL					1*	42*		0	0	1*	46*		1*	86*	6*	455*	2*	131*	
RIGHT WHALE BAY, S. GEORGIA					1	97	0	0	0	0	1	117	1*	38*			1*	127*	
FOYN HARBOR					1*	70*	3*	1 227*	66	3*	3 194*	133	1*	96*	3*	213*	1*	106*	
LAPEYRE BAY, GOVARDIN PENINSULA																	1*	76*	
GINNELL CHANNEL, HANUSSE BAY																	1*	75*	
GRANDIER CHANNEL																	1*	67*	
ELSEHUL BAY, S. GEORGIA	1	84	1	52	2*	1 182*	77	1*	65*	2*	110*	1	79	1*	48*		1*	64*	
FLANDERS BAY (near Capes Renard & Wilkes, Graham Land)																	1*	64*	
INTERCURRENCE ISLAND, CHRISTIANIA ISLANDS																	1*	55*	
HERCULES BAY, SOUTH GEORGIA																	1*	51*	
PLENEAU BAY															1*	27*	1*	49*	
LARSEN HARBOR, S. GEORGIA			2	191	0	0	0	0	0	0	1	27			2*	3	185	1*	45*
ANDVORD BAY (west coast Graham Land)												1*	34*				1*	32*	
ADMIRALTY BAY, KING GEORGE ISLAND													1*	48*					
ADMIRALTY SOUND, bt Seymour & Snow Hill Islands													1*	85*	3	185			
ALCOCK ISLAND					1	78	1*	36*		1	14								
AMPLE BAY, S. GEORGIA	1	88			0	0	0	0	0	0							1*	41*	
ANDERSEN ISLAND								6	251	0	0								
ARAGO GLACIER, ANDVORD BAY							1	113	1	175	2	149					1	55	
ARDLEY ISLAND	4	418	2	705	0	0											1	112	
ARGENTINE IS. (not same as Faraday)																	1	164	
ATKA ICEPORT, QUEEN MAUD LAND										1	115						2*		
BARCROFT ISLANDS (S. of Watkins and Bischoe Is.)												1*	1 97*	83	1*	134*			
BAY OF ISLES, ALBATROSS IS., S. GEORGIA	1	142	2	88	2	158	1	46	1*	1 106*	100	3	111				1	95	
BERNARDO O'HIGGINS BASE												1*	93*						
BERTHELOT ISLANDS																	1*	50*	
BISMARCK STRAIT																			
BLAIKLOCK ISLAND (off west coast Graham Land)												1	9						
BONE BAY, TRINITY PENINSULA													1*	33*					
BRADBROOKE ISLAND, AITCHO IS.												1	136						

NINE SEASON (1989-98) OVERVIEW OF SITES VISITED IN THE ANTARCTIC PENINSULA

June 16, 1998

JULY 9, 1997 * = Zodiac cruising ONLY; # = helo landing; @ = helo overflight ONLY SITES VISITED	1989-90		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98	
	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED
***** COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS *****																		
BRANSFIELD STRAIT																	1	78
CAMP POINT, West Coast Graham Land																		
CAPE DUBOUZET																		
CAPE DUNDAS, LAURIE IS., S. ORKNEY												1	138					
CAPE EVENSON (west coast Graham Land)									1*	83*								
CAPE GAGE, JAMES ROSS ISLAND											1	86		1	72			
CAPE KJELLMAN, CHARCOT BAY, Trinity Penin.														1*	41*			
CAPE MELVILLE, KGI								1	58	0	0							
CAPE NORVEGIA, QUEEN MAUD LAND										1	122							
CAPE SAUNDERS, HERCULES BAY, S. GEORGIA											2*	3 210*	344			1	50	
CAPE TUXEN, MT. DEMARIA (w. coast Graham Land)										1	16		1	30				
CAPE VALENTINE, ELEPHANT IS.							1	28	1	118								
CHALLENGER ISLAND (off west coast Graham Land)									1	27								
CHARLOTTE BAY					2*	100*	1*	96*		0	0			4	248	1	92	
COMB RIDGE, JAMES ROSS ISLAND																1	31	
COOPER BAY (south end), S. GEORGIA								1	44	0	0							
CORMORANT ISLAND					1	125	0	0	0	0								
CORONATION ISLAND, S. ORKNEYS (specify)			2	185	2	370	0	0	1	176	1	108						
CRESCENT ISLAND, SOUTH GEORGIA													1	38				
CRYSTAL HILL, South-side Trinity Peninsula													4	352	2	165		
CRYSTAL SOUND, PENDLETON STRAIT (Biscoe Is.)															1*	2 153*	290	
DALLMANN BAY (bt Brabant & Anvers Islands)										1*	84*			2*	104*	1*	70*	
DANGER ISLANDS					1*	91*	0	0	0	0					7	240		
DUTHOIT POINT, MAXWELL BAY, NELSON ISLAND												1	135	1	109			
ERRERA CHANNEL (bt Ronge Is. & Graham Land)										1@	109@			2*	61*			
EZCURRA INLET, ADMIRALTY BAY, KGI										1	36							
FALSE BAY, LIVINGSTON IS.	1	127	0	0	0	0	0	0	0	0	0							
FARADAY (Station)/AKADEMIC VERNODSKY	2	252	5	432	4	422	3	274	2	178	4	267	5	209				
FILDES PENINSULA																1	85	
FISH ISLANDS (west coast Graham Land)										2	229			1	113			
FORTUNA BAY, S. GEORGIA			1	90	0	0	0	0	0	0					3	224		
FUMAROLE BAY, DECEPTION IS.					1	8	0	0	0	0								
GABRIEL DE DASTILLA STATION (Deception Island)														1	42			
GASTON ISLANDS (near bp Reclus Peninsula)										1*	69*					1	40	
GENNADY COVE, INTERCURRENCE ISLAND												1	34					
GERLACHE STRAIT												1*	89*					
GIN COVE, JAMES ROSS ISLAND														1	67	1	94	
GOSLING ISLANDS									1*	1 49*	139				1	96		
HANUSSE BAY			2	148	0	0	0	0	0	0								
HEIM GLACIER, ARROWSMITH PEN (Graham Land)												1	19			1	90	
HEROINA ISLAND, DANGER ISLANDS									1	102	0	0						
HEYWOOD ISLAND																		

NINE SEASON (1989-98) OVERVIEW OF SITES VISITED IN THE ANTARCTIC PENINSULA

June 16, 1998

JULY 9, 1997 * = Zodiac cruising ONLY; # = helo landing: @ = helo overflight ONLY SITES VISITED	1989-90		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98	
	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED
***** COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS *****																		
HOLLUSCHICKIE BAY, JAMES ROSS ISLAND																		91
HUEMUL ISLAND (Megaptera Is.)											1*	45*						
HUSVIK HARBOR, S. GEORGIA			1	19	1	99	0	0	0	0								
INNER LEE ISLAND, BAY OF ISLES, S. GEORGIA											1	57						
JOINVILLE ISLAND "Molchanov Beach"									2	65	1	24	3	134				
JONASSEN ISLAND, NE tip Antarctic Peninsula													2	179	1		55	
KING GEORGE ISLAND (need to be specific)																		
KING HAARON BAY (OUTER), S. GEORGIA					1	81	0	0	1*	180*	152							
KING SEJONG (STATION), KGI					2	191	0	0	1	180								
LAURIE IS., S. ORKNEYS (specify)											1	96	1*	2	53*	201	1	98
LEITH HARBOR, S. GEORGIA	1	142	0	0	1	160	0	0	0	0								
LIONS RUMP, KGI	6	625	7	772	4	382	0	0	0	0								
MACARONI POINT, DECEPTION IS.											1	36			1*	33*		
MARIAN COVE, KGI																		
MARTEL INLET, ADMIRALTY BAY, KGI									1	78								
MOUNT SCOTT, GIRARD BAY, LEMAIRE CHANNEL													1	14				
MT. MILL, WADDINTON BAY (w. coast Graham Land)									1	16								
MURRAY HARBOR, MURRAY IS. (w. coast Graham Land)											1*	34*						
MURRAY ISLAND (off west coast Graham Land)									1	27								
NEUMAYER STATION											1	49	1	63	2*	140		
NEW ISLAND, FALKLANDS											1	51	1	73	2	179		
NO NAME PENGUIN ROOKERY (70deg31'S, 80deg42'W)															3	328		
ORCADAS/SCOTIA BAY/LAURIE IS., S. ORKNEY			1	36	2	148	1	127	2	152	3	198	3	203	4	491		
ORNE ISLANDS (off west coast Graham Land)							2	201	1	54	1*	7	34*	368	1	42		
PALAUVER POINT, TWO HUMMOCK IS.							1*	61*	0	0								
PENGUIN POINT, SEYMOUR ISLAND					1	86	1	85	2	129	1	41						
Penguin Rookery (no name - on Riser-Larsen Iceshelf)											1	95	2	238	1*	93		
PETER 1st ISLAND										1	51				1	74		
PETREL STATION, PETREL COVE, DUNDEE IS.					1	144	0	0	1*	3	90*	98						
PITT ISLANDS													1	87				
PITT POINT (Victory Glacier)																1	88	
POINT MARTIN, S. ORKNEY ISLANDS																1	80	
POINT THOMAS, EZCURRA INLET, Admiralty Bay, KGI												1	38					
PORT CHARCOT, BOOTH ISLAND																		
PRIMAVERA BASE (ARG), CIERVA COVE								4	152	6	159	1*	2	38*	63	2	103	
PRINCE GUSTAV CHANNEL (bt James Ross & Vega Isls.)															1	105		
PRINCE OLAF HARBOR, S. GEORGIA	2	171	1	105	0	0	0	0	1	89								
PRION ISLAND, S. GEORGIA	3	280	3	280	2	198	1*	60*	3	156	4	490	1	125	1	43		
RISER-LARSEN ICE SHELF, QUEEN MAUD LAND										1	123	3	347					
ROSAMEL ISLAND			1	82	0	0	0	0	1	154								
ROSITA HARBOR, S. GEORGIA			1	98	0	0	0	0	1*	51*	1*	30*						
ROTHERA (STATION), ADELAIDE ISLAND	1	99	0	0	0	0	0	0	0	0	2	243	1	160				

H<sub>v</sub>

NINE SEASON (1989-98) OVERVIEW OF SITES VISITED IN THE ANTARCTIC PENINSULA

June 16, 1998

JULY 9, 1997 * = zodiac cruising ONLY; # = helo landing; @ = helo overflight ONLY SITES VISITED	1989-90		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98	
	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED
***** COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS *****																		
ROYAL BAY, S. GEORGIA							1	5	0	0	1	40	3	142	1		40	
RUM COVE, JAMES ROSS ISLAND															1		80	
SAN MARTIN (7) 66 deg 08'S, 67 deg 05'W											1	95						
SANAE BASE															1		91	
SCHOLLAERT CHANNEL (btwn Anver/Brabant Islands)															1*	25*		
SEYMOUR ISLAND													2	99	1		59	
SHAG ROCKS, S. GEORGIA			1*	93*	0	0	0	0	0	0								
SHINGLE COVE, ICEBERG BAY, CORONATION IS.	4	436	1	38	2	240	0	0	5	991	4	368	2	153	4		295	
SIGNY BASE (U.K.), S. ORKNEYS															1		42	
SIGNY ISLAND, S. ORKNEYS	1	145	0	0	0	0	2	130	0	0	1	4						
SMALL ISLAND, CHRISTIANIA ISLANDS													1	38				
SMALL PEAK, ERRERA CHANNEL													1	15				
SNOW HILL ISLAND	2	125	0	0	1	90	1*	50*	0	0	4	304	2	187	1*	1 84*	35	
SOUTH BAY, LIVINGSTON ISLAND									1	125								
SOUTHMAN PASS													1@	101@				
SPRING POINT, BRAILMONT COVE (w. Graham Land)													1	48				
STONINGTON ISLAND (East Base)	1	97	0	0	0	0	0	0	1#	108#	2	197						
STROMNESS BAY, S. GEORGIA			1	36	2	199	1	5	2	126	1	125			1		72	
TAKAI PENINSULA															1		52	
TRIANGLE POINT																		
TRINITY ISLAND (need to specify)											2	135						
UNDINE SOUTH HARBOR, S. GEORGIA				1*	60*	1	2	0	0									
USEFUL ISLAND											1	47						
VIEW POINT, DUSE BAY, TRINITY PENINSULA													1	99	3		207	
WAUWERMANS ISLANDS													1*	96*				
WELCOME ISLANDS, S. GEORGIA			1	89	0	0	0	0	0	0								
WIGGINS GLACIER													1#	95#				
WILHELMINA BAY (w. Coast of Graham Land)													1*	41*				
WILL POINT, S. GEORGIA																		
WILLIS ISLANDS, S. GEORGIA													1*	38*				

# 1997-98 SUMMARY OF CONTINENTAL SITES VISITED BY TOUR SHIPS

June 29, 1998

JUNE 29, 1998 # = helo landing	TOTAL # VISITS		TOTAL # PAX		AVG. PAX PER VISIT	AVG. DAYS b/t VISITS	MAX. DAYS b/t VISITS	MIN. DAYS b/t VISITS
* = zodiac cruising ONLY; @ = helo overflight ONLY	Cruising ONLY	With Landing	Cruising ONLY	Actually Landed				
<b>*** COMPILED BY NSF FROM INFORMATION PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENT</b>								
CAPE EVANS, ROSS ISLAND		4		779	194.8	11.5	23	0
CAPE ROYDS, ROSS ISLAND		2#	(186# + 53	725	145.0	5.3	20	0
TERRA NOVA BAY STATION		3		715	238.3	8.5	17	0
MCMURDO STATION, ROSS ISLAND		3		278	92.7	11.0	22	0
CAPE BIRD, ROSS ISLAND		3		275	91.7	11.5	23	0
CAPE ADARE	1*	3	11*	263	87.7	7.0	22	-1
SCOTT BASE, ROSS ISLAND		2#	(199# + 59	258	86.0	7.0	22	-1
COMMONWEALTH BAY		6		244	40.7	8.4	40	0
DAVIS STATION		2#		243#	121.5	31.0		
SCULLIN MONOLITH		2#		235#	117.5	30.0		
AMANDA BAY		2#		230#	115.0	31.0		
CAPE HALLETT Station		1#	(141# + 87	228	114.0	21.0		
CAPE DARNLEY, BJERKO PENIN.		2#		223#	111.5	58.0		
TAYLOR VALLEY		2#		217#	108.5	21.0		
ROSS ICE SHELF		2#		214#	107.0			
FRANKLIN ISLAND		2		169	84.5	22.0		
MAWSON STATION		1#		127#	127.0			
LARSEMANN HILLS		1#		125#	125.0			
EDISTO INLET		1#		122#	122.0			
COULMAN ISLAND		1		120	120.0			
RAUER ISLAND, PRYDZ BAY		1		120	120.0			
VESTFOLD HILLS		1		120	120.0			
MURRAY MONOLITH		1		119	119.0			
AUSTER ISLANDS		1#		115#	115.0			
KLOA POINT		1#		115#	115.0			
ZHONSHAU BASE		1#		115#	106.0			
INEXPRESSIBLE ISLAND		1		84	84.0			
DUMONT D'URVILLE		1		34	34.0			
POSSESSION ISLAND		1		32	32.0			
GRANITE HARBOR	1*		349*		349			
CAMPBELL GLACIER TONGUE	1*		129*		129			
DRYGALSKI ICE TONGUE	1*		75*		75*			

1997-98 SUMMARY OF PENINSULA SITES VISITED BY TOUR SHIPS

June 15, 1998

JUNE 15, 1998 * = zodiac cruising ONLY; # = helo landing @ = helo overflight ONLY; ^ = camping SITES VISITED	TOTAL # VISITS		TOTAL # PAX		AVG. PAX/VISIT		AVG. DAYS b/t VISITS	MAX. DAYS b/t VISITS	MIN. DAYS b/t VISITS
	Cruising/helo	With	Cruising/helo	Actually	Cruising/helo	Actually			
	ONLY	Landing	ONLY	Landed	ONLY	Landed			
<b>FORMATION PROVIDED BY ANTARCTIC TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS</b>									
KINNES COVE, JOINVILLE ISLAND		3		372		124.0	22.5	37	8
GOLD HARBOR, S. GEORGIA		5		365		73.0	19.5	29	12
MIKKELSEN HARBOR, TRINITY ISLAND		5		341		68.2	14.8	16	13
JUBANY (STATION), POTTER'S COVE, KGI		3		333		111.0	4.0	8	0
POINT WILD, ELEPHANT IS.	4*	2	321*	267	80.3	133.5	11.0	26	0
ARTURO PRAT (STATION), GREENWHICH IS.		3		267		89.0	7.5	8	7
MELCHIOR ISLANDS	4*	1	203*	257	50.8	257.0	10.8	14	7
DECEPTION ISLAND (need to be more specific)		4		236		59.0	23.3	35	10
RONGE' ISLAND		2		215		107.5	81.0		
GOURDIN ISLAND		2		207		103.5	60.0		
HYDRURGA ROCKS		4		199		49.8	18.3	37	9
SALISBURY PLAIN, S. GEORGIA		2		199		99.5	116.0		
CIERVA COVE	2*	2	103*	176	51.5	88.0	20.0	46	6
YALOUR ISLANDS		3		167		55.7	33.5	59	8
PRESIDENTE FREI (STATION), KGI (Marsh Base)		2		165		82.5	69.0		
ALBATROSS ISLAND, SOUTH GEORGIA	1*	3	148*	159	148.0	53.0	21.5	29	14
CARCASS ISLAND		3		152		50.7	24.0	41	7
BELLINGSHAUSEN (STATION), KGI		11		146		13.3	5.2	44	0
POSSESSION BAY, SOUTH GEORGIA		1		139		139.0			
GIBBS ISLAND, SOUTH SHETLAND IS.	1*	1	96*	131	96.0	131.0	6.0		
PORTAL POINT, CHARLOTTE BAY		4		118		29.5	20.3	29	14
GIBBON BAY, CORONATION ISLAND	1*	1	48	115	48.0	115.0	2.0		
URUGUAYAN HUT, HOPE BAY		1		105		105.0			
ST. ANDREWS BAY, S. GEORGIA	1*	2	58*	99	58.0	49.5	39.5	69	10
MOLTKE HARBOR, ROYAL BAY, S. GEORGIA		2		99		49.5	25.0		
RANCHO POINT, DECEPTION ISLAND		1		98		98.0			
SPIGOT PEAK, ORNE ISLAND		1		97		97.0			
WEST POINT ISLAND, FALKLAND IS.		2		92		46.0	41.0		
PROSPECT POINT, GRAHAM LAND		1		91		91.0			
SKONTORP COVE, PARADISE BAY		1		90		90.0			
ELEPHANT ISLAND (should specify)	1*	1	46*	81	46.0	81.0	38.0		
BONGRAIN POINT, POURQOI PAS ISLAND		1		80		80.0			
LAGARRIGUE COVE (Selvick Cove), ORNE HARBOR		1		77		77.0			
DURVILLE MOUNT, JOINVILLE ISLAND		1		74		74.0			
MAXWELL BAY, KGI (specify)		1		70		70.0			
COOPER BAY (north end), S. GEORGIA	1*	1	48*	58	48.0	58.0	78.0		
ORNE HARBOR (west coast Graham Land)	1*	1	31*	57	31.0	57.0	13.0		

0=no days between visits; -1=2 ships visiting site on same day; -2=3 ships visiting site on same day



1997-98 SUMMARY OF PENINSULA SITES VISITED BY TOUR SHIPS

June 15, 1998

JUNE 15, 1998	TOTAL # VISITS		TOTAL # PAX		AVG. PAX/VISIT		AVG. DAYS b/t VISITS	MAX. DAYS b/t VISITS	MIN. DAYS b/t VISITS
* = zodiac cruising ONLY; # = helo landing @ = helo overflight ONLY; ^ = camping	Cruising/helo ONLY	With Landing	Cruising/helo ONLY	Actually Landed	Cruising/helo ONLY	Actually Landed			
SITES VISITED	FORMATION PROVIDED BY ANTARCTIC TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS								
ADELAIDE ISLAND		1		57		57.0			
CURTISS BAY, (west coast Graham Land)		1		57		57.0			
STEEPLE JASON ISLAND, FALKLAND IS.		1		56		56.0			
BENNETT ISLANDS, HANUSSE BAY		1		56		56.0			
BULS BAY, BRABANT ISLAND		1		56		56.0			
METCHINOFF POINT, BRABANT ISLAND		1		55		55.0			
HORSESHOE ISLAND		1		55		55.0			
CHRISTIANIA ISLANDS	1*	1	59*	54	59.0	54.0	16.0		
ASTROLABE ISLAND	1*	1	135*	53	135.0	53.0	40.0		
WORDIE POINT, VISOKOI Is., S. SANDWICH Is.		1		50		50.0			
SUAREZ GLACIER (not Peizval), Paradise Bay		1		49		49.0			
BRUNONIA GLACIER		1		47		47.0			
VOLUNTEER POINT, FALKLANDS (?)		1		42		42.0			
PEON PEAK ???????????		1		33		33.0			
DAMOY POINT, WIENCKE IS.	1^	1	40^	24	40.0	24.0	9.0		
ARTIGAS [STATION-Uruguay], KGI		1		7		7.0			
DEVIL ISLAND, NE end of Antarctic Peninsula		1		2		2.0			
GREAT WALL (STATION), KGI		1		2		2.0			
DRYGALSKI FJORD, S. GEORGIA	2*		201*		100.5		39.0		
ENTERPRISE ISLANDS	2*		184*		92.0		19.0		
ANTARCTIC SOUND	2*		167*		83.5		7.0		
MADDER CLIFFS, JOINVILLE ISLAND	1*		142*		142.0				
LEMAIRE CHANNEL	2*		131*		65.5		47.0		
RIGHT WHALE BAY, S. GEORGIA	1*		127*		127.0				
FOYN HARBOR	1*		106*		106.0				
LAPEYRERE BAY, GOURDIN PENINSULA	1*		76*		76.0				
GUNNEL CHANNEL, HANUSSE BAY	1*		75*		75.0				
GRANDIDIER CHANNEL	1*		67*		67.0				
ELSEHUL BAY, S. GEORGIA	1*		64*		64.0				
FLANDERS BAY (btwn Capes Renard & Willens, Grahamland)	1*		64*		64.0				
INTERCURRENCE ISLAND, CHRISTIANIA ISLANDS	1*		55*		55.0				
HERCULES BAY, SOUTH GEORGIA	1*		51*		51.0				
PLENEAU BAY	1*		49*		49.0				
LARSEN HARBOR, S. GEORGIA	1*		45*		45.0				
ANDVORD BAY (west coast Graham Land)	1*		32*		32.0				

0=no days between visits; -1=2 ships visiting site on same day; -2=3 ships visiting site on same day

## OVERVIEW OF SITES VISITED - CONTINENTAL SIDE OF ANTARCTICA (1992-93 to 1997-98)

SITES VISITED	1992-93		1993-94		1994-95		1995-96		1996-97		1997-98				
	TOTAL # VISITS	TOTAL# PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED	TOTAL # VISITS	TOTAL # PAX LANDED			
***** COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS *****															
CAPE EVANS, ROSS ISLAND	3	346	1#	60#	2	235	2#	2 243#	530	1#	4 67#	462	4	779	
CAPE ROYDS, ROSS ISLAND	3	203	1#	60#	2	235	2#	2 243#	198	1#	3 67#	326	2#	3 186#	539
TERRA NOVA BAY	1	100			1#	114#	121	1	140	2		309	3	715	
MCMURDO STATION, Ross Island	3	406	3	738	3#	361#	2#	245#		2		221	3	278	
CAPE BIRD, ROSS ISLAND	1	90						1	98	1		54	3	275	
CAPE ADARE	3	298	1	106	1#	2 133	225			5		547	1*	3 11*	263
SCOTT BASE, ROSS ISLAND	3	381	1	102	3#	361#	2#	245#		2		221	2#	1 199#	59
COMMONWEALTH BAY					1	118				1		51		6	244
DAVIS STATION	2	165								1#	98#		2#	243#	
SCULLIN MONOLITH	1	80								1#	90#		2#	235#	
AMANDA BAY													2#	230#	
CAPE HALLETT			1	86	2	234		1	133	4		347	1#	1 141#	87
CAPE DARNLEY, BJERKO PENIN.										1		133	2#	223#	
TAYLOR VALLEY (Canada Glacier)	1#	106#	1@	114@	3#	356	2#	247#		2@	172@		2#	217#	
ROSS ICE SHELF	1#	98#	1#	116#			2#	246#		2@			2#	214#	
FRANKLIN ISLAND	3	335						1	129	3		259	2	169	
MAWSON STATION	2	160								1#	94#		1#	127#	
LARSEMANN HILLS	2	165											1#	125#	
EDISTO INLET													1#	122#	
COULMAN ISLAND					1@	96@		1@	124@					1	120
RAUER ISLAND, PRYDZ BAY														1	120
VESTFOLD HILLS														1	120
MURRAY MONOLITH	1	80								1		87	1	119	
AUSTER ISLANDS													1#	115#	
KLOA POINT	1	77											1#	115#	
ZHONSHAU BASE										1#	67#		1#	106#	
INEXPRESSIBLE ISLAND														1	84
DUMONT D'URVILLE					1#	1 119#	112			1#	1 91#	43		1	34
POSSESSION ISLAND								1	20	1*	2 137*	124		1	32
GRANITE HARBOR													1*	349*	
CAMPBELL GLACIER										1		67	1*	129*	
DRYGALSKI ICE TONGUE								1*	86*				1*	75*	
CANADA GLACIER, Taylor Valley										2#	184#				
CAPE ROGET	1	110								1*	66*				
CASEY STATION	1	85								1		121			
CAUGHLEY BEACH, CAPE BIRD										1		135			
DUGDALE GLACIER	1#	109#													
FOYN ISLAND	2	220			1	131									

## OVERVIEW OF SITES VISITED - CONTINENTAL SIDE OF ANTARCTICA (1992-93 to 1997-98)

JUNE 25, 1998 ~ = ice walking * = zodiac cruising ONLY; # = helo landing: @ = helo overflight ONLY SITES VISITED	1992-93		1993-94		1994-95		1995-96		1996-97		1997-98	
	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #	TOTAL #
	VISITS	PAX LANDED	VISITS	PAX LANDED	VISITS	PAX LANDED	VISITS	PAX LANDED	VISITS	PAX LANDED	VISITS	PAX LANDED
***** COMPILED BY NSF FROM DATA PROVIDED BY U.S. TOUR COMPANIES IN RESPONSE TO TREATY REPORTING REQUIREMENTS *****												
GARDNER ISLAND	2	165								1	20	
HOVDE COVE, AMANDA BAY												
LANGNES PENINSULA	2	99										
LUCAS ISLAND	1	85										
MARBLE POINT	1 ~	140 ~					1	101				
MCDONALD BEACH, CAPE BIRD									1	154		
MCMURDO ICE CHANNEL									1*	35*		
MERTZ GLACIER					2@	220@						
MIRNYI STATION, Buromskiy Is.	1	85							1#	53#		
MOLODEZHNYAYA BASE												
MOYES ISLAND	1	81										
PETERSON ISLAND	1	77							1	93		
POINT ALDEN, Commonwealth Bay					1 ~	143 ~						
PROCLAMATION ISLAND									1	92		
SCOTT GLACIER, MILL ISLAND	1	85										
SCOTT ISLAND									1*	7*		
SHIRLEY ISLAND	1	80										
STURGE ISLAND	1	110			2#	220#						
SYOWA BASE									1#	94#		