

## **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, are planning nine cruises to the Antarctic Peninsula during the 2000-2001 season using the M/S EXPLORER.

#### **M/S EXPLORER**

Call letters of the vessel are ELJD8; registry is Liberian. The EXPLORER was built in 1969 and is 72.86 meters in length, 14.02 meters in breadth, has a draft of 4.48 meters, and has a Det Norske Veritas +1A1 ICE-A rating. Power is provided by two MAK diesel engines of 1800 hp each, driving a single variable-pitch propeller, type LIANEN - 450 rpm. Navigation equipment includes a Decca radar 10cm, a Raytheon radar 3cm, a JCR radar 3cm, a Satellite Navigation System (SATNAV) and a Trimble global positioning system (GPS). The vessel has two primary transmitters (Main - ST1680A Marine Mobil Bands, 1500 W Pp; Emergency - EB50, 500 W) and 2 VHF Transceivers STR 67 25 W and a VHF Transceiver Shipmate RS 8000 25 W. INMARSAT number is 1241223 SOEX-X (with voice, telex and telefax capability). EXPLORER carries 9 Mark V heavy duty zodiacs, 4 motor life boats for 196 persons, and 4 automatically inflated life rafts for 66 persons. The vessel can accommodate 85-96 passengers, 10 cruise staff, and 60 crew.

Schedules for each of the cruises follows:

**Cruise EX-#1**

November 2000

| <b>Ports</b>                   | <b>Dates</b>   |
|--------------------------------|----------------|
| Port Stanley, FALKLAND ISLANDS | 06 NOV 2000    |
| Falkland Islands               | 07-09 NOV 2000 |
| At sea                         | 10-11 NOV 2000 |
| South Georgia                  | 12-19 NOV 2000 |
| at sea                         | 20-21 NOV 2000 |
| Port Stanley, FALKLAND ISLANDS | 22 NOV 2000    |

**Cruise EX-#2**

November/December 2000

| <b>Ports</b>                   | <b>Dates</b>       |
|--------------------------------|--------------------|
| Port Stanley, FALKLAND ISLANDS | 22 NOV 2000        |
| Steeple Jason                  | 23 NOV 2000        |
| Carcass/Saunders               | 24 NOV 2000        |
| Sea Lion Island                | 25 NOV 2000        |
| at sea                         | 26-27 NOV 2000     |
| South Georgia                  | 28 NOV- 5 DEC 2000 |
| at sea                         | 6-7 DEC 2000       |
| Port Stanley, FALKLAND ISLANDS | 8 DEC 2000         |

**Cruise EX-#3**

December 2000

| <b>Ports</b>                   | <b>Dates</b>   |
|--------------------------------|----------------|
| Port Stanley, FALKLAND ISLANDS | 8 DEC 2000     |
| South East Falklands           | 09 DEC 2000    |
| at sea                         | 10-11 DEC 2000 |
| South Georgia                  | 12-14 DEC 2000 |
| at sea                         | 15-16 DEC 2000 |
| Antarctic Peninsula            | 17-20 DEC 2000 |
| at sea                         | 21-22 DEC 2000 |
| Port Stanley, FALKLAND ISLANDS | 23 DEC 2000    |

**Cruise EX-#4**  
December 2000/January 2001

| <b>Ports</b>                   | <b>Dates</b>       |
|--------------------------------|--------------------|
| Port Stanley, FALKLAND ISLANDS | 23 DEC 2000        |
| Steeple/Jason/Saunders         | 24 DEC 2000        |
| New/ Carcass Island            | 25 DEC 2000        |
| Drake                          | 26-27 DEC 2000     |
| Antarctic Peninsula            | 28 DEC-01 JAN 2001 |
| at sea                         | 02-03 JAN 2001     |
| Ushuaia, ARGENTINA             | 04 JAN 2001        |

**Cruise EX-#5**  
January 2001

| <b>Ports</b>        | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 04 JAN 2001    |
| at sea              | 05-06 JAN 2001 |
| Antarctic Peninsula | 07-11 JAN 2001 |
| at sea              | 12-13 JAN 2001 |
| Ushuaia, ARGENTINA  | 14 JAN 2001    |

**Cruise EX-#6**  
January 2001

| <b>Ports</b>             | <b>Dates</b>   |
|--------------------------|----------------|
| Ushuaia, ARGENTINA       | 14 JAN 2001    |
| at sea                   | 15-16 JAN 2001 |
| Antarctic Peninsula      | 17-21 JAN 2001 |
| At sea                   | 22-23 JAN 2001 |
| Ushuaia, Argentina       | 24 JAN 2001    |
| Beagle Channel/Cook Bay  | 25 JAN 2001    |
| Cape Horn/Harberton Farm | 26 JAN 2001    |
| Ushuaia, ARGENTINA       | 27 JAN 2001    |

**Cruise EX-#7**  
January/February 2001

| <b>Ports</b>                   | <b>Dates</b>        |
|--------------------------------|---------------------|
| Ushuaia, ARGENTINA             | 27 JAN 2001         |
| At sea                         | 28-29 JAN 2001      |
| Antarctic Peninsula            | 30 JAN -02 FEB 2001 |
| South Orkneys                  | 03 FEB 2001         |
| at sea                         | 04 FEB 2001         |
| South Georgia                  | 05-07 FEB 2001      |
| At sea                         | 08-09 FEB 2001      |
| Southeast Falklands            | 10 FEB 2001         |
| Port Stanley, FALKLAND ISLANDS | 11 FEB 2001         |

**Cruise EX-#8**  
February 2001

| <b>Ports</b>                   | <b>Dates</b>   |
|--------------------------------|----------------|
| Port Stanley, FALKLAND ISLANDS | 11 FEB 2001    |
| Carcass/New Island             | 12 FEB 2001    |
| At sea                         | 13-14 FEB 2001 |
| Antarctic Peninsula            | 15-21 FEB 2001 |
| at sea                         | 22-23 FEB 2001 |
| Ushuaia, ARGENTINA             | 24 FEB 2001    |

**Cruise EX #9**  
February/March 2001

| <b>Ports</b>                   | <b>Dates</b>       |
|--------------------------------|--------------------|
| Ushuaia, ARGENTINA             | 24 FEB 2001        |
| at sea                         | 25-26 FEB 2001     |
| Antarctic Peninsula            | 27 FEB-02 MAR 2001 |
| South Orkneys                  | 03 MAR 2001        |
| At sea                         | 04 MAR 2001        |
| South Georgia                  | 05-07 MAR 2001     |
| At sea                         | 08-09 MAR 2001     |
| Southeast Falklands            | 10-11 MAR 2001     |
| Port Stanley, FALKLAND ISLANDS | 12 MAR 2001        |

## Quark Expeditions

Quark Expeditions of Darien, Connecticut, is planning approximately 22 cruises to the Antarctic during 2000-2001 season using three chartered vessels. The PROFESSOR MULTANOVSKIY will conduct 10 cruises, the KAPITAN DRANITSYN will conduct 9, and the KAPITAN KHLEBNIKOV will conduct three cruises.

### PROFESSOR MULTANOVSKIY

The vessel is of Russian registry and is 235 feet long, 42 feet wide and has a draft of 15 feet. Its gross registered tonnage is 1754. The hull's ice classification is KM\*UL[1]A2, Canadian Type A. The MULTANOVSKIY is powered by two 2,300 kW diesel engines and has both bow and stern thrusters. The vessel carries 44 passengers and 32 crew.

Schedules for each of the cruises follows:

#### **Cruise MUL #1**

November/December 2000

| <b>Port</b>          | <b>Dates</b>       |
|----------------------|--------------------|
| Ushuaia, ARGENTINA   | 20 NOV 2000        |
| at sea               | 21 NOV 2000        |
| New Island           | 22 NOV 2000        |
| Carcass/West Point   | 23 NOV 2000        |
| Steeple Jason        | 24 NOV 2000        |
| at sea               | 25-26 NOV 2000     |
| at sea/South Georgia | 27 NOV 2000        |
| South Georgia        | 28 NOV-04 DEC 2000 |
| at sea               | 05-06 DEC 2000     |
| Antarctic Peninsula  | 07-11 DEC 2000     |
| at sea               | 12-13 DEC 2000     |
| Ushuaia, ARGENTINA   | 14 DEC 2000        |

**Cruise MUL #2**

December 2000

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 14 DEC 2000    |
| at sea              | 15-16 DEC 2000 |
| Antarctic Peninsula | 17-21 DEC 2000 |
| At sea              | 22-23 DEC 2000 |
| Ushuaia, ARGENTINA  | 24 DEC 2000    |

**Cruise MUL #3**

December 2000/January 2001

| <b>Port</b>         | <b>Dates</b>       |
|---------------------|--------------------|
| Ushuaia, ARGENTINA  | 24 DEC 2000        |
| At sea              | 25-26 DEC 2000     |
| Antarctic Peninsula | 27 DEC-01 JAN 2001 |
| at sea              | 02-03 JAN 2001     |
| Ushuaia, ARGENTINA  | 04 JAN 2001        |

**Cruise MUL #4**

January 2001

| <b>Port</b>         | <b>Dates</b>    |
|---------------------|-----------------|
| Ushuaia, ARGENTINA  | 04 JAN 2001     |
| at sea              | 05-06 JAN 2001  |
| Antarctic Peninsula | 07 –10 JAN 2001 |
| at sea              | 11-12 JAN 2001  |
| Ushuaia, ARGENTINA  | 13 JAN 2001     |

**Cruise MUL #5**

January 2001

| <b>Port</b>        | <b>Dates</b>   |
|--------------------|----------------|
| Ushuaia, ARGENTINA | 13 JAN 2001    |
| At sea             | 14 JAN 2001    |
| Westpoint/Carcass  | 15 JAN 2001    |
| Stanley            | 16 JAN 2001    |
| At sea             | 17-18 JAN 2001 |

|                     |                |
|---------------------|----------------|
| South Georgia       | 19-22 JAN 2001 |
| At sea              | 23-24 JAN 2001 |
| Elephant Island     | 25 JAN 2001    |
| Antarctic Peninsula | 26-28 JAN 2001 |
| At sea              | 29-30 JAN 2001 |
| Ushuaia, ARGENTINA  | 31 JAN 2001    |

**Cruise MUL #6**  
January/February 2001

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 31 JAN 2001    |
| at sea              | 01-02 FEB 2001 |
| Antarctic Peninsula | 03-06 FEB 2001 |
| at sea              | 07-08 FEB 2001 |
| Ushuaia, ARGENTINA  | 09 FEB 2001    |

**Cruise MUL #7**  
February 2001

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 09 FEB 2001    |
| at sea              | 10-11 FEB 2001 |
| Antarctic Peninsula | 12-15 FEB 2001 |
| at sea              | 16-17 FEB 2001 |
| Ushuaia, ARGENTINA  | 18 FEB 2001    |

**Cruise MUL #8**  
February 2001

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 18 FEB 2001    |
| at sea              | 19-20 FEB 2001 |
| Antarctic Peninsula | 21-24 FEB 2001 |
| at sea              | 25-26 FEB 2001 |
| Ushuaia, ARGENTINA  | 27 FEB 2001    |

**Cruise MUL #9**  
February/March 2001

| <b>Port</b>          | <b>Dates</b>         |
|----------------------|----------------------|
| Ushuaia, ARGENTINA   | 27 FEB 2001          |
| at sea               | 28- FEB- 01 MAR 2001 |
| Antarctic Peninsula  | 02-05 MAR 2001       |
| at sea/South Orkneys | 06-07 MAR 2001       |
| at sea/South Georgia | 08 MAR 2001          |
| South Georgia        | 09-11 MAR 2001       |
| at sea               | 12-14 MAR 2001       |
| Port Stanley         | 15 MAR 2001          |
| New Island/Westpoint | 16 MAR 2001          |
| at sea               | 17 MAR 2001          |
| Ushuaia, ARGENTINA   | 18 MAR 2001          |

**Cruise MUL #10**  
March 2001 (Sub-chartered by Oceanwide Expeditions of the Netherlands)

| <b>Port</b>                 | <b>Dates</b> |
|-----------------------------|--------------|
| Ushuaia, ARGENTINA          | 19 MAR 2001  |
| at sea                      | 20 MAR 2001  |
| at sea/Penguin Island       | 21 MAR 2001  |
| Hope Bay/Brown Buff         | 22 MAR 2001  |
| Dundee/Paulet               | 23 MAR 2001  |
| at sea                      | 24 MAR 2001  |
| South Orkney                | 25 MAR 2001  |
| at sea                      | 26 MAR 2001  |
| Grytviken                   | 27 MAR 2001  |
| Salisbury/Albatross/Prion   | 28 MAR 2001  |
| Elsehul                     | 29 MAR 2001  |
| SAILING TO TRISTAN DE CUNHA | 30 MAR 2001  |

**M/V KAPITAN KHLEBNIKOV**

The vessel was built in 1981 at the Waratsila Shipyard, Helsinki, Finland. The ship is owned by FESCO, Vladivostok. The call letters are UTSU. The KHLEBNIKOV is 132.4 meters in length, 26.5 meters in breadth, has a 8.5 meter draft and displacement of

18,000 tons. The vessel is powered by diesel-electric motors producing 22,000 h.p. driving 3 propellers permitting a maximum speed of 19 knots. The vessel is classified as an icebreaker. The KHLEBNIKOV carries four Mark V heavy-duty zodiacs, in addition to two MI2 helicopters for ice reconnaissance and passenger transport. Approximately 112 passengers and 50 crew members will be onboard for each cruise.

Schedules for each of the cruises follows:

**Cruise KLB #1**

December 2000

| <b>Port</b>             | <b>Dates</b>   |
|-------------------------|----------------|
| Hobart, AUSTRALIA       | 04 DEC 2000    |
| at sea                  | 05-06 DEC 2000 |
| Macquarie Island        | 07-08 DEC 2000 |
| At sea                  | 09-10 DEC 2000 |
| Pack ice edge           | 11 DEC 2000    |
| Pack ice                | 12-13 DEC 2000 |
| Cape Washington         | 14 DEC 2000    |
| Terra Nova Bay          | 15 DEC 2000    |
| Coulman Island          | 16 DEC 2000    |
| Cape Hallett/Cape Roget | 17 DEC 2000    |
| Possession Island       | 18 DEC 2000    |
| Cape Adare              | 19 DEC 2000    |
| Pack Ice                | 20 DEC 2000    |
| Pack ice edge           | 21 DEC 2000    |
| At sea                  | 22-23 DEC 2000 |
| Campbell Island         | 24 DEC 2000    |
| Enderby Island          | 25 DEC 2000    |
| At sea                  | 26-27 DEC 2000 |
| Hobart, AUSTRALIA       | 28 DEC 2000    |

**Cruise KLB #2**

December 2000/January 2001

| <b>Port</b>       | <b>Dates</b>   |
|-------------------|----------------|
| Hobart, AUSTRALIA | 28 DEC 2000    |
| at sea            | 29-30 DEC 2000 |

|                              |                |
|------------------------------|----------------|
| Macquarie Islands            | 31 DEC 2000    |
| At sea                       | 01-02 JAN 2001 |
| Balleny Island               | 03 JAN 2001    |
| Cape Adare                   | 04 JAN 2001    |
| Cape Roget/Cape Hallett      | 05 JAN 2001    |
| Cape Hallett/Coulman Island  | 06 JAN 2001    |
| Terra Nova Bay               | 07 JAN 2001    |
| Dry Valleys                  | 08 JAN 2001    |
| McMurdo/Cape Evans           | 09 JAN 2001    |
| Cape Royds/Ross Ice Shelf    | 10 JAN 2001    |
| Ross Ice Shelf/Bay of Whales | 11 JAN 2001    |
| Ross sea                     | 12 JAN 2001    |
| Possession Island            | 13 JAN 2001    |
| At sea                       | 14-16 JAN 2001 |
| Campbell Island              | 17 JAN 2001    |
| Enderby Island               | 18 JAN 2001    |
| Snares Island                | 19 JAN 2001    |
| Bluff, NEW ZEALAND           | 20 JAN 2001    |

**Cruise KLB #3**  
January/February 2001

| <b>Port</b>                    | <b>Dates</b>   |
|--------------------------------|----------------|
| Bluff, NEW ZEALAND             | 21 JAN 2001    |
| Port Ross/Carnley Harbour      | 22 JAN 2001    |
| Campbell Island                | 23 JAN 2001    |
| At sea                         | 24-25 JAN 2001 |
| Pack Ice                       | 26 JAN 2001    |
| Cape Adare                     | 27 JAN 2001    |
| Terra Nova Bay                 | 28 JAN 2001    |
| Dry Valleys/Cape Evans         | 29 JAN 2001    |
| McMurdo/Cape Royds             | 30 JAN 2001    |
| Ross Ice Shelf/Franklin Island | 31 JAN 2001    |
| Cape Hallett                   | 01 FEB 2001    |
| Pack Ice                       | 02 FEB 2001    |
| Balleny Islands                | 03 FEB 2001    |
| Pack Ice                       | 04 FEB 2001    |

|  |                |
|--|----------------|
| Mertz Glacier/Commonwealth Bay                 | 05 FEB 2001    |
| Port Martin/Astrolabe Glacier/Dumont D'Urville | 06 FEB 2001    |
| At sea   | 07-09 FEB 2001 |
| Macquarie Island                               | 10-11 FEB 2001 |
| Hobart, AUSTRALIA                              | 14 FEB 2001    |

## **KAPITAN DRANITSYN**

The vessel was built in 1981 at the Waratsila Shipyard, Helsinki, Finland. The ship is owned by FESCO, Vladivostok. The DRANITSYN is 132.4 meters in length, 26.5 meters in breadth, has a 8.5 meter draft and displacement of 18,000 tons. The vessel is powered by diesel-electric motors producing 22,000 h.p. driving 3 propellers permitting a maximum speed of 19 knots. The vessel is classified as an icebreaker. The DRANITSYN carries four Mark V heavy-duty zodiacs, in addition to two MI2 helicopters for ice reconnaissance and passenger transport. Approximately 112 passengers and 50 crew members will be onboard for each cruise.

Schedules for each of the cruises follows:

### **Cruise DSYN #1**

November/December 2000

| <b>Port</b>          | <b>Dates</b>       |
|----------------------|--------------------|
| Ushuaia, ARGENTINA   | 23 NOV 2000        |
| At sea               | 24 NOV 2000        |
| New Island/Westpoint | 25 NOV 2000        |
| Port Stanley         | 26 NOV 2000        |
| At sea               | 27-28 NOV 2000     |
| Elsehul Bay          | 29 NOV 2000        |
| South Georgia        | 30 NOV-02 DEC 2000 |
| At sea               | 03 DEC 2000        |
| Antarctic Peninsula  | 04-08 DEC 2000     |
| At sea               | 09-10 DEC 2000     |
| Ushuaia, ARGENTINA   | 11 DEC 2000        |

**Cruise DSYN #2**  
December 2000

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 11 DEC 2000    |
| At sea              | 12-13 DEC 2000 |
| Antarctic Peninsula | 14-17 DEC 2000 |
| At sea              | 18-19 DEC 2000 |
| Ushuaia, ARGENTINA  | 20 DEC 2000    |

**Cruise DSYN #3**  
December 2000

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 20 DEC 2000    |
| At sea              | 21-22 DEC 2000 |
| Antarctic Peninsula | 23-26 DEC 2000 |
| At sea              | 27-28 DEC 2000 |
| Ushuaia, ARGENTINA  | 29 DEC 2000    |

**Cruise DSYN #4**  
December 2000/January 2001

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 29 DEC 2000    |
| At sea              | 30-31 DEC 2000 |
| Antarctic Peninsula | 01-05 JAN 2001 |
| At sea              | 06-07 JAN 2001 |
| Ushuaia, ARGENTINA  | 08 JAN 2001    |

**Cruise DSYN #5**  
January 2001

| <b>Port</b>          | <b>Dates</b>   |
|----------------------|----------------|
| Ushuaia, ARGENTINA   | 08 JAN 2001    |
| At sea               | 09 JAN 2001    |
| New Island/Westpoint | 10 JAN 2001    |
| Port Stanley         | 11 JAN 2001    |
| At sea               | 12-13 JAN 2001 |

|                     |                |
|---------------------|----------------|
| Elsehul/Grytviken   | 14 JAN 2001    |
| South Georgia       | 15-17 JAN 2001 |
| At sea              | 18 JAN 2001    |
| Elephant Island     | 19 JAN 2001    |
| Antarctic Peninsula | 20-23 JAN 2001 |
| At sea              | 24-25 JAN 2001 |
| Ushuaia, ARGENTINA  | 26 JAN 2001    |

**Cruise DSYN #6**  
January/February 2001

| <b>Port</b>         | <b>Dates</b>        |
|---------------------|---------------------|
| Ushuaia, ARGENTINA  | 26 JAN 2001         |
| At sea              | 27-28 JAN 2001      |
| Antarctic Peninsula | 29 JAN -01 FEB 2001 |
| At sea              | 02-03 FEB 2001      |
| Ushuaia, ARGENTINA  | 04 FEB 2001         |

**Cruise DSYN #7**  
February 2001

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 04 FEB 2001    |
| At sea              | 05-06 FEB 2001 |
| Antarctic Peninsula | 07-10 FEB 2001 |
| At sea              | 11-12 FEB 2001 |
| Ushuaia, ARGENTINA  | 13 FEB 2001    |

**Cruise DSYN #8**  
February 2001

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 13 FEB 2001    |
| At sea              | 14-15 FEB 2001 |
| Antarctic Peninsula | 16-19 FEB 2001 |
| At sea              | 20-21 FEB 2001 |
| Ushuaia, ARGENTINA  | 22 FEB 2001    |

**Cruise DSYN #9**  
February/March 2001

| <b>Port</b>          | <b>Dates</b>   |
|----------------------|----------------|
| Ushuaia, ARGENTINA   | 22 FEB 2001    |
| At sea               | 23-24 FEB 2001 |
| Antarctic Peninsula  | 25-28 FEB 2001 |
| At sea               | 01 MAR 2001    |
| At sea/South Orkneys | 02 MAR 2001    |
| At sea               | 03 MAR 2001    |
| South Georgia        | 04-06 MAR 2001 |
| At sea               | 07-08 MAR 2001 |
| Port Stanley         | 09 MAR 2001    |
| Carcass/West Point   | 10 MAR 2001    |
| At sea               | 11 MAR 2001    |
| Ushuaia, ARGENTINA   | 12 MAR 2001    |

## **Orient Lines, Inc.**

Orient Lines, Inc. of Fort Lauderdale, Florida, plans to conduct 6 cruises to the Antarctic during the 2000-2001 season using the MARCO POLO.

### **MARCO POLO**

The vessel is ice-strengthened and was built by VEB Mathias-Thesan Werft of Wismar, Germany in 1965 and re-built during 1991-93 under the supervision of Knud E. Hansen, naval architects, and A. & M. Katzourakis, ship designers. Call letters of the vessel are C6JZ7 and it is registered in the Bahamas. The MARCO POLO is 176.28 meters (578.4 feet) in length, 23.6 meters (77.4 feet) in breadth, has a draft of 8.2 meters (26.9 feet), and is 20,502 tons GRT. Power is provided by 2 Saulzer 7 RND 76 diesel engines with power output of 10,500 bhp each. The vessel has twin-screw propellers and is fitted with Denny Brown (UK) fin stabilizers. There are 6 SKL diesel generators capable of producing approximately 3,500 kw. The MARCO POLO is equipped with the latest radio and satellite communications systems (INMARSAT 1306215) and state-of-the-art navigation equipment. The vessel was redesigned to comply with all 1992

"Marpol" rules for waste disposal including an onboard biological treatment plant with a liquid waste disposal system, refuse sorting, pulping and a treatment plant, in addition to a modern refuse incinerator. All lifeboats are semi-enclosed, engine propelled and capable of saving 1,200 persons. The vessel is also equipped with two high-speed all-purpose passenger tenders and 10 inflatable zodiac landing craft. The staff and crew capacity is 350, whereas the passenger capacity is 850. However during cruises to the Antarctic Treaty area, Orient Lines only intends to carry 400-450 passengers.

Schedules for each of the cruises follows:

**Cruise MP #1**

December 2000/January 2001

| <b>Port</b>                    | <b>Dates</b>       |
|--------------------------------|--------------------|
| Buenos Aires, ARGENTINA        | 29 DEC 2000        |
| at sea                         | 30 DEC –1 JAN 2001 |
| Westpoint Island               | 02 JAN 2001        |
| Port Stanley                   | 03 JAN 2001        |
| At sea                         | 04 JAN 2001        |
| Deception Island/Pendulum Cove | 05 JAN 2001        |
| Lemaire Channel/Port Lockroy   | 06 JAN 2001        |
| Waterboat Pt./Neumayer Channel | 07 JAN 2001        |
| Half Moon Island/at sea        | 08 JAN 2001        |
| At sea                         | 09 JAN 2001        |
| Ushuaia, ARGENTINA             | 10 JAN 2001        |

**Cruise MP #2**

January 2001

| <b>Port</b>                      | <b>Dates</b> |
|----------------------------------|--------------|
| Ushuaia, ARGENTINA               | 11 JAN 2001  |
| at sea                           | 12 JAN 2001  |
| Deception Island/Pendulum Cove   | 13 JAN 2001  |
| Lemaire Channel/Port Lockroy     | 14 JAN 2001  |
| Waterboat Point/Neumayer Channel | 15 JAN 2001  |
| Half Moon Island/at sea          | 16 JAN 2001  |
| at sea                           | 17 JAN 2001  |
| Ushuaia, ARGENTINA               | 18 JAN 2001  |

**Cruise MP #3**

January 2001

| <b>Port</b>                      | <b>Dates</b> |
|----------------------------------|--------------|
| Ushuaia, ARGENTINA               | 19 JAN 2001  |
| at sea                           | 20 JAN 2001  |
| Deception Island/Pendulum Cove   | 21 JAN 2001  |
| Lemaire Channel/Port Lockroy     | 22 JAN 2001  |
| Waterboat Point/Neumayer Channel | 23 JAN 2001  |
| Half Moon Island/at sea          | 24 JAN 2001  |
| at sea                           | 25 JAN 2001  |
| Ushuaia, ARGENTINA               | 26 JAN 2001  |

**Cruise MP#4**

January/February 2001

| <b>Port</b>                      | <b>Dates</b> |
|----------------------------------|--------------|
| Ushuaia, ARGENTINA               | 27 JAN 2001  |
| at sea                           | 28 JAN 2001  |
| Deception Island/Pendulum Cove   | 29 JAN 2001  |
| Lemaire Channel/Port Lockroy     | 30 JAN 2001  |
| Waterboat Point/Neumayer Channel | 31 JAN 2001  |

|                    |             |
|--------------------|-------------|
| Half Moon Island   | 01 FEB 2001 |
| at sea             | 02 FEB 2001 |
| Ushuaia, ARGENTINA | 03 FEB 2001 |

**Cruise MP#5**  
February 2001

| <b>Port</b>                      | <b>Dates</b> |
|----------------------------------|--------------|
| Ushuaia, ARGENTINA               | 04 FEB 2001  |
| at sea                           | 05 FEB 2001  |
| Deception Island/Pendulum Cove   | 06 FEB 2001  |
| Lemaire Channel/Port Lockroy     | 07 FEB 2001  |
| Waterboat Point/Neumayer Channel | 08 FEB 2001  |
| Half Moon Island                 | 09 FEB 2001  |
| at sea                           | 10 FEB 2001  |
| Ushuaia, ARGENTINA               | 11 FEB 2001  |

**Cruise MP#6**  
February 2001

| <b>Port</b>                      | <b>Dates</b> |
|----------------------------------|--------------|
| Ushuaia, ARGENTINA               | 12 FEB 2001  |
| at sea                           | 13 FEB 2001  |
| Deception Island/Pendulum Cove   | 14 FEB 2001  |
| Lemaire Channel/Port Lockroy     | 15 FEB 2001  |
| Waterboat Point/Neumayer Channel | 16 FEB 2001  |
| Half Moon Island                 | 17 FEB 2001  |
| at sea                           | 18 FEB 2001  |
| At sea/Beagle Channel            | 19 FEB 2001  |
| At sea/South Pacific             | 20 FEB 2001  |
| Seno Eyre Fjord                  | 21 FEB 2001  |
| At Sea/South Pacific             | 22 FEB 2001  |
| Port Montt                       | 23 FEB 2001  |
| At Sea/South Pacific             | 24 FEB 2001  |
| Valparaiso, CHILE                | 25 FEB 2001  |

## Clipper Cruise Lines

Clipper Cruise Lines, of St. Louis, Missouri, plans to conduct eight cruises to the Antarctic during the 2000-2001 season using the CLIPPER ADVENTURER.

### CLIPPER ADVENTURER

The vessel was built in 1975 and rebuilt in 2000. The call letters are C6PG6. The CLIPPER ADVENTURER is 100 meters in length, 16.24 meters in breadth, has a 4.65 meter draft and displacement of 4,364 tons. The vessel has an average cruising speed of 14.5 knots. The vessel is classified by the Lloyd's Register as a 100 A1 Ice Class 1A Passenger Ship LMC. The CLIPPER ADVENTURER carries four 50-person life boats and three 25-person life rafts, in addition to ten 15-person Mark V heavy-duty zodiacs. Approximately 122 passengers and 79 crew members will be onboard for each cruise.

Schedules for each of the cruises follows:

#### **Cruise CA #1**

December 2000

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 01 DEC 2000    |
| At sea              | 02-03 DEC 2000 |
| Antarctic Peninsula | 04-08 DEC 2000 |
| At sea              | 09-10 DEC 2000 |
| Ushuaia, ARGENTINA  | 11 DEC 2000    |

#### **Cruise CA #2**

December 2000

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 11 DEC 2000    |
| at sea              | 12-13 DEC 2000 |
| Antarctic Peninsula | 14-18 DEC 2000 |
| at sea              | 19-20 DEC 2000 |
| Ushuaia, ARGENTINA  | 21 DEC 2000    |

**Cruise CA #3**

December 2000

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 21 DEC 2000    |
| at sea              | 22-23 DEC 2000 |
| Antarctic Peninsula | 24-28 DEC 2000 |
| at sea              | 29-30 DEC 2000 |
| Ushuaia, ARGENTINA  | 31 DEC 2000    |

**Cruise CA #4**

December 2000/January 2001

| <b>Port</b>                                | <b>Dates</b>   |
|--|----------------|
| Ushuaia, ARGENTINA                         | 31 DEC 2000    |
| at sea                                     | 01-02 JAN 2001 |
| Antarctic Peninsula                        | 03-07 JAN 2001 |
| at sea                                     | 08-09 JAN 2001 |
| Westpoint/Carcass Island, Falkland Islands | 10 JAN 2001    |
| Port Stanley, FALKLAND ISLANDS             | 11 JAN 2001    |

**Cruise CA #5**

January 2001

| <b>Port</b>                    | <b>Dates</b>   |
|--------------------------------|----------------|
| Port Stanley, FALKLAND ISLANDS | 11 JAN 2001    |
| Carcass/Westpoint/New Island   | 12 JAN 2001    |
| New Island/Sea Lion Island     | 13 JAN 2001    |
| at sea                         | 14 JAN 2001    |
| South Georgia                  | 15-18 JAN 2001 |
| At sea                         | 19 JAN 2001    |
| South Orkney                   | 20 JAN 2001    |
| Antarctic Peninsula            | 21-25 JAN 2001 |
| At sea                         | 26-27 JAN 2001 |
| Ushuaia, ARGENTINA             | 28 JAN 2001    |

**Cruise CA #6**  
January/February 2001

| <b>Port</b>                    | <b>Dates</b>        |
|--------------------------------|---------------------|
| Ushuaia, ARGENTINA             | 28 JAN 2001         |
| at sea                         | 29-30 JAN 2001      |
| Antarctic Peninsula            | 31- JAN-04 FEB 2001 |
| at sea                         | 05-06 FEB 2001      |
| Westpoint/Carcass              | 07 FEB 2001         |
| Port Stanley, FALKLAND ISLANDS | 08 FEB 2001         |

**Cruise CA #7**  
February 2001

| <b>Port</b>                    | <b>Dates</b>   |
|--------------------------------|----------------|
| Port Stanley, FALKLAND ISLANDS | 08 FEB 2001    |
| Carcass/Westpoint Island       | 09 FEB 2001    |
| at sea                         | 10-11 FEB 2001 |
| Antarctic Peninsula            | 12-16 FEB 2001 |
| At sea                         | 17-18 FEB 2001 |
| Ushuaia, ARGENTINA             | 19 FEB 2001    |

**Cruise CA #8**  
February/March 2001

| <b>Port</b>                    | <b>Dates</b>   |
|--------------------------------|----------------|
| Ushuaia, ARGENTINA             | 19 FEB 2001    |
| at sea                         | 20-21 FEB 2001 |
| Antarctic Peninsula            | 22-26 FEB 2001 |
| at sea                         | 27-28 FEB 2001 |
| Westpoint/Carcass              | 01 MAR 2001    |
| Port Stanley, FALKLAND ISLANDS | 02 MAR 2001    |

## **Special Expeditions, Inc.**

Special Expeditions, Inc. of New York City, New York, plans to conduct six cruises to the Antarctic during the 2000-2001 season, using the M/V CALEDONIAN STAR.

## M/V CALEDONIAN STAR

The M/V CALEDONIAN STAR was built in Germany in 1966, and is registered in the Bahamas. The vessel is 295 feet long, 46 feet wide, and has a draft of 21 feet. The ship can accommodate up to 108 passengers.

### **Cruise CS#1** December 2000

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Ushuaia, ARGENTINA  | 08 DEC 2000    |
| At sea              | 09-10 DEC 2000 |
| Antarctic Peninsula | 11-15 DEC 2000 |
| At sea              | 16 DEC 2000    |
| Cape Horn           | 17 DEC 2000    |
| Beagle Channel      | 18 DEC 2000    |
| Punta Arenas, CHILE | 19 DEC 2000    |

### **Cruise CS#2** December 2000/January 2001

| <b>Port</b>                    | <b>Dates</b>   |
|--------------------------------|----------------|
| Punta Arenas, CHILE            | 20 DEC 2000    |
| Beagle Channel                 | 21 DEC 2000    |
| Cape Horn                      | 22 DEC 2000    |
| At sea                         | 23 DEC 2000    |
| Antarctic Peninsula            | 24-30 DEC 2000 |
| Elephant Island                | 31 DEC 2000    |
| At sea                         | 1 JAN 2001     |
| New Island/Westpoint           | 2 JAN 2001     |
| Carcass/Saunders               | 3 JAN 2001     |
| Port Stanley, FALKLAND ISLANDS | 04 JAN 2001    |

### **Cruise CS#3** January 2001

| <b>Port</b>                    | <b>Dates</b> |
|--------------------------------|--------------|
| Port Stanley, FALKLAND ISLANDS | 04 JAN 2001  |
| Saunders /Carcass              | 05 JAN 2001  |

|                      |                |
|----------------------|----------------|
| Westpoint/New Island | 06 JAN 2001    |
| At sea               | 07 JAN 2001    |
| Elephant Island      | 08 JAN 2001    |
| Antarctic Peninsula  | 09-15 JAN 2001 |
| At sea               | 16 JAN 2001    |
| Cape Horn            | 17 JAN 2001    |
| Beagle Channel       | 18 JAN 2001    |
| Punta Arenas, CHILE  | 19 JAN 2001    |

**Cruise CS#4**

January 2001

| <b>Port</b>         | <b>Dates</b>   |
|---------------------|----------------|
| Punta Arenas, CHILE | 19 JAN 2001    |
| Beagle Channel      | 20 JAN 2001    |
| At sea              | 21 JAN 2001    |
| Antarctic Peninsula | 22-27 JAN 2001 |
| At sea              | 28 JAN 2001    |
| Cape Horn           | 29 JAN 2001    |
| Ushuaia, ARGENTINA  | 30 JAN 2001    |

**Cruise CS#5**

January/February 2001

| <b>Port</b>               | <b>Dates</b>   |
|---------------------------|----------------|
| Ushuaia, ARGENTINA        | 30 JAN 2001    |
| At sea                    | 31 JAN 2001    |
| At sea/King George Island | 01 FEB 2001    |
| Antarctic Peninsula       | 02-06 FEB 2001 |
| At sea                    | 07 FEB 2001    |
| Cape Horn                 | 08 FEB 2001    |
| Beagle Channel            | 09 FEB 2001    |
| Punta Arenas, CHILE       | 10 FEB 2001    |

**Cruise CS#6**

February 2001

| <b>Port</b>         | <b>Dates</b> |
|---------------------|--------------|
| Punta Arenas, CHILE | 10 FEB 2001  |

|                                |                |
|--------------------------------|----------------|
| Beagle Channel                 | 11 FEB 2001    |
| Cape Horn                      | 12 FEB 2001    |
| At sea                         | 13 FEB 2001    |
| Antarctic Peninsula            | 14-18 FEB 2001 |
| At sea                         | 19 FEB 2001    |
| South Orkneys                  | 20 FEB 2001    |
| At sea                         | 21 FEB 2001    |
| South Georgia                  | 22-24 FEB 2001 |
| Elsehul                        | 25 FEB 2001    |
| At sea                         | 26-27 FEB 2001 |
| Port Stanley, Falkland Islands | 28 FEB 2001    |
| Saunders/Carcass Island        | 01 MAR 2001    |
| At sea                         | 02 MAR 2001    |
| Ushuaia, ARGENTINA             | 03 MAR 2001    |

## **Other**

In addition, several other organizations plan to arrange/conduct or support tourism activities in the Antarctic during the 2000-2001 season. Although some of these organizations are not U.S. based, American citizens are most likely involved in their planned activities and for this reason are reported here.

### **SHIPBORNE**

- a) Hapag-Lloyd Cruises of Hamburg, Germany, will operate two vessels in the Antarctic Peninsula. The HANSEATIC will conduct 8 cruises, whereas the BREMEN will conduct only 2 cruises.
  
- b) Marine Expeditions of Toronto, Canada, intends to conduct approximately 18 cruises to the Antarctic Peninsula using the MARIYA YERMALOVA and the LYUBOV ORLOVA.

## **LANDBASED**

Adventure Network International (ANI), a Canadian company with an office in Beaconsfield, England, plans 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) is via a South African chartered C-130 cargo/passenger aircraft. These various inland excursions will occur during November 2000 - mid-January 2001 using two chartered Twin Otters and their own Cessna C-A185F aircraft.