



MADRID, 9 / 20 • 06 • 2003



XXVI **TRATADO ANTÁRTICO**
REUNIÓN CONSULTIVA

XXVI **ANTARCTIC TREATY**
CONSULTATIVE MEETING

XXVI **TRAITÉ SUR L'ANTARCTIQUE**
RÉUNION CONSULTATIVE

XXVI **ДОГОВОР ОБ АНТАРКТИКЕ**
КОНСУЛЬТАТИВНОЕ СОВЕЩАНИЕ

XXVI ATCM
Information Paper
IP-070-IAATO
Agenda Item: **VI CEP 7**
IAATO
Original: **English**

An Assessment of Environmental Emergencies Arising from Activities in Antarctica 2002-2003 season

Madrid, 9/20 de junio 2003



CEP VI

**Agenda Item 7
ATCM XXV**

**An Assessment of Environmental Emergencies
Arising from Activities in Antarctica
2002-2003 season**

IAATO was asked to provide CEP periodic updates on environmental emergencies that have occurred on board tourist ships.

Background

Resolution 6 of ATCM XXII requested that COMNAP undertake an assessment of the risks of environmental emergencies arising from activities in Antarctica, including, but not limited to, an analysis of incidents, which have occurred over the past ten years within the Antarctic Treaty area. CEP II requested that IAATO provide relevant information with regard to environmental emergencies resulting from tourist vessels. IAATO provided XII SATCM IP11 to CEP III and an additional update to CEPV at ATCM XXV.

During the 2002-2003 season the following incidents occurred.

- Aircraft: Adventure Network International- aircraft-Basler 67
- Vessels

Explorer had generator problems while at sea. Ship returned to Ushauia for repairs. No assistance was needed.

Clipper Adventurer went aground in Whalers Bay, Deception

Marco Polo (non IAATO member) –grounding at Half Moon Island

Between 1991 and 2002, eleven incidents had occurred since the formation of IAATO in 1991 All incidents were previously reported to XII SATCM and ATCM XXV as noted above. These include

- 7-transport consisting of four groundings, one ship beset in the ice, two vessels with propeller damage.
- 2 oil leakage with one litre or less spillage
- 1 environmental

No measurable environmental damage from these incidents has occurred during the last 13 years considering there have been approximately 1200 expeditions and or departures to the Antarctic.

Environmental Incident Survey

Date	Company	Ship or Aircraft	Location	Spill Volume	Transport Type	Description	Surface	Cause	Response Action	Cost	Human Impact	Wildlife Impact
October 2002	Adventure Network International Basler 67	aircraft	Patriot Hills	No	Transport	Damage to aircraft while it was tied on runway	Ice Sheet	Weather	Aircraft repaired	N/A	No	No
November 17, 2002	Abercrombie and Kent Explorer Shipping Ship-Explorer	ship	At Sea 61°03'S, 054°50'W	No	Mechanical	Generator/ Alternator failure causing several electrical problems	Open Water	Mechanical	Returned to Ushuaia, carried out repairs and after an inspection by the ship's classification society- ship returned to Antarctica	N/A	No	No
November 22, 2002	Clipper/New World Shipping Ship-Clipper Adventurer	ship	Deception Island Whalers Bay 62° 59 S, 060° 34W	No	Grounding	Vessel crew were raising anchor in Whalers Bay/Deception when a strong wind blew the vessel onto the sandbar. The forward portion of the ship was on the gravel sand bottom.	Open Water	Weather Conditions	Immediate assistance was provided by the Chilean vessel Oscar Viel . The vessel floated and sailed not long after the initial grounding	\$42,000 invoice from Chile	No	No
February 13, 2003	Orient Lines **Not an IAATO Member Ship-Marco Polo	ship	Half Moon Island 62°35'13 S 059° 54.17 W	No	Grounding	Anchor chain stretched and ship ran aground	Open Water	Weather and Mechanical Conditions	Ship through its own maneuvering floated and sailed back to Ushuaia	N/A	No	No