

ANTARCTIC TREATY EXCHANGE OF INFORMATION

Annual Report: 2009 / 2010 Season

CANADA

2009/2010 Summary of activities:

This is the Annual Report of all activities in the Antarctic by parties sanctioned by the Government of Canada to be submitted to the Antarctic Treaty Secretariat. The information contained within this document is part of the Annual Exchange of Information requirements, as outlined in Resolution 1 (2005) of the Antarctic Treaty. The format used to indicate all of the land-based activities of a party during an Antarctic voyage come from a template made by IAATO (International Association of Antarctic Tour Operators).

This season, the three parties – Gap Expedition, Students on Ice and One Oceans - had been issued Antarctic travel permits executed a total of 9 separate voyages into Antarctic territory. All of these voyages were for the purposes of tourism and education.

All permitted expeditions reporting during the 2009/10 Antarctic travel season indicated compliance with their permit conditions. Canada was not made aware of any permit violations from international authorities.

1. Scientific Information

1.1 Forward Plans

None

1.2 Science Activities in Previous Year

None

2. Operational Information

2.1 National Expeditions

A. Stations

None

B. Vessels

None

C. Aircraft

None

D. Science Rockets

None

E. Military

None

Non-governmental Expeditions

A. Ship-based Operations

Name of operator	Students on Ice
Name of vessel	M/V Ushuaia
Country of registry of vessel	Panama
Number of voyages	1
Departure dates	December 30 th , 2010
Ports of departure and arrival to and from Antarctica	Ushuaia, Argentina to Ushuaia, Argentina

Voyage 1 – M/V Ushuaia

Embarcation Date: 20/12/2009

Disembarkation Date: 09/01/2010

Date	Site	Latitude	Longitude	1st pax arrive	Last pax depart	Total	Activities at Site	
Jan.01/10	Point Wild	61°06'S	54°52'W	1900hrs	2200hrs	90	Small Boat Cruising	
Jan.02/10	Heroína Island	63°24'S	54°36'W	1200hrs	1500hrs	92	Small Boat Landing	Small Boat Cruising
Jan.03/10	Brown Bluff	63°32'S	56°55'W	1100hrs	1400hrs	92	Small Boat Landing	
Jan.04/10	Danco Island	64°44'S	62°37'W	0900hrs	1100hrs	92	Small Boat Landing	
Jan.04/10	Neko Harbor	64°50'S	62°33'W	1300hrs	1630hrs	91	Small Boat Landing	Small Boat Cruising
Jan.04/10	Goudier Island	64°50'S	63°30'W	2300hrs	0130hrs	91	Small Boat Landing	
Jan.05/10	Pléneau Island	65°06'S	64°04'W	1200hrs	1500hrs	92	Small Boat Landing	Small Boat Cruising
Jan.05/10	Vernadsky Station	65°15'S	64°15'W	1700hrs	1930hrs	91	Station Visit	Small Boat Cruising
Jan.05/10	Wauwermans Islands	64°55'S	63°53'W	2300hrs	0130hrs	90	Small Boat Landing	
Jan.06/10	Whalers Bay	62°59'S	60°34'W	1615hrs	1900hrs	91	Small Boat Landing	

Jan.06/10	Pendulum Cove	62°56'S	60°36'W	2000hrs	2200hrs	91	Small Boat Landing
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Name of operator	G.A.P. Advenutres
Name of vessel	MS Expedition
Country of registry of vessel	Monrovia, Liberia
Number of voyages	3
Departure dates	Feb. 12, 2010
Ports of departure and arrival to and from Antarctica	Ushuaia, Argentina to Ushuaia, Argentina for each voyage

Voyage 1 – Spirit of Shackleton Voyage

Embarcation Date: 12/02/2010

Disembarkation Date: 02/03/2010

Date(s)	Site visited	Site Latitude/Longitude		1st pax arrive shore/site (in GMT)	Last pax depart shore/site (in GMT)	Total	Activities at site
		Latitude	Longitude				
23-Feb-10	Elephant Island	61°10'S	55°14'W	12:00	15:00	117	small boat cruising
24-Feb-10	Arctowski Station	62°15'S	58°51'W	18:00	21:00	109	small boat landing station visit
25-Feb-10	Brown Bluff	63°32'S	56°55'W	12:00	15:00	119	small boat landing small boat cruising
25-Feb-10	Rosamel Island	63°34'S	56°17'W	18:00	21:00	118	small boat cruising
26-Feb-10	Astrolabe Island	63°17'S	58°40'W	12:30	15:00	115	small boat cruising
26-Feb-10	Half Moon Island	62°36'S	59°55'W	20:00	22:30	120	small boat landing
27-Feb-10	Whalers Bay	62°59'S	60°34'W	12:00	15:00	121	small boat landing
27-Feb-10	Telefon Bay	62°56'S	60°40'W	17:00	19:00	88	small boat landing extended walk

Voyage 2 – Beyond the Antarctic Circle Voyage

Embarcation Date: 02/03/2010

Disembarkation Date: 13/03/2010

Date(s)	Site visited	1st pax arrive shore/site (in GMT)	Last pax depart shore/site (in GMT)	Site Latitude/Longitude		Total	Activities at site
				Latitude	Longitude		
06-Mar-10	Hanusse Bay	12:00	15:00	67°00'S	67°25'W	131	small boat cruising
06-Mar-10	Detaille Island	18:00	21:00	66°52'S	66°48'W	133	small boat landing
07-Mar-10	Prospect Point	12:00	15:00	66°01'S	65°21'W	131	small boat landing
07-Mar-10	Fish islands	18:00	20:00	66°02'S	65°25'W	128	small boat cruising
08-Mar-10	Vernadsky Station	12:00	15:00	65°15'S	64°15'W	127	small boat landing
08-Mar-10	Winter Island	12:00	15:00	65°15'S	64°16'W	127	small boat landing
08-Mar-10	Pléneau Island	18:00	20:00	65°06'S	64°04'W	105	small boat cruising
09-Mar-10	Danco Island	18:00	21:00	64°44'S	62°37'W	125	small boat landing
10-Mar-10	Whalers Bay	11:30	14:00	62°59'S	60°34'W	133	small boat landing
10-Mar-10	Half Moon Island	18:00	19:30	62°36'S	59°55'W	130	small boat landing

Voyage 3 – The Antarctic Peninsula Voyage

Embarcation Date: 13/03/2010

Disembarkation Date: 22/03/2010

Date(s)	Site visited	Site Latitude/Longitude		1st pax arrive shore/site (in GMT)	Last pax depart shore/site (in GMT)	Number of people making site visit	Activities at site
		Latitude	Longitude				
15-Mar-10	Aitcho - Barrientos Island	62°24'S	59°47'W	18:00	21:00	139	small boat landing
16-Mar-10	Melchior Islands	64°19'S	62°57'W	12:00	15:00	135	small boat cruising
16-Mar-10	Danco Island	64°44'S	62°37'W	18:00	21:00	137	small boat landing
17-Mar-10	Vernadsky Station	65°15'S	64°15'W	12:00	15:00	131	small boat landing
17-Mar-10	Winter Island	65°15'S	64°16'W	12:00	15:00	126	small boat landing
17-Mar-10	Pléneau Island	65°06'S	64°04'W	18:00	21:00	135	small boat cruising
18-Mar-10	Neko Harbor	64°50'S	62°33'W	12:00	15:00	135	small boat landing
18-Mar-10	Wilhelmina Bay	64°38'S	62°00'W	18:00	22:00	188	ship cruise
19-Mar-10	Whalers Bay	62°59'S	60°34'W	12:00	14:30	135	small boat landing

Name of operator	One Oceans Expeditions
Name of vessel	Akademik Ioffe
Country of registry of vessel	Kaliningrad, Russian Federation
Number of voyages	5
Departure dates	January 16, 2010
Ports of departure and arrival to and from Antarctica	Ushuaia, Argentina to Ushuaia, Argentina each voyage

Voyage 1 – Antarctic Peninsula Explorer

Embarcation Date: January 16th, 2010

Disembarcation Date: January 26th, 2010

Date	Site	Latitude	Longitude	1st pax arrive	Last pax depart	Total	Activities at Site		
							Small Boat Landing	Small Boat Cruising	Extended Walk
19-Jan-10	Petermann Island	65°10'S	64°10'W	12:30	15:30	81	Small Boat Landing	Small Boat Cruising	Extended Walk
19-Jan-10	Vernadsky Station	65°15'S	64°15'W	17:45	20:45	73	Small Boat Cruising	Station Visit	
19-Jan-10	Vernadsky Station	65°15'S	64°15'W	17:45	20:45	18	Kayaking x 15		
20-Jan-10	Pleneau Island	65°06'S	64°04'W	12:00	15:00	72	Small Boat Cruising	Small Boat Landing	
20-Jan-10	Pleneau Island	65°06'S	64°04'W	12:00	15:00	9	Kayaking x 7		
20-Jan-10	Damoy Point/Dorian Bay	64°49'S	63°32'W	18:30	21:30	69	Small Boat Landing	Small Boat Cruising	
20-Jan-10	Damoy Point/Dorian Bay	64°49'S	63°32'W	18:30	21:30	8	Kayaking x 6		
21-Jan-10	Almirante Brown	64°54'S	62°52'W	12:00	15:00	66	Small Boat Landing	Small Boat Cruising	Extended Walk
21-Jan-10	Almirante Brown	64°54'S	62°52'W	12:00	15:00	19	Kayaking x 16		
21-Jan-10	Neko Harbor	64°50'S	62°33'W	18:10	21:00	73	Small Boat Landing	Small Boat Cruising	Extended Walk
21-Jan-10	Neko Harbor	64°50'S	62°33'W	18:10	21:00	0	Kayaking x 0 (blown out)		
21-Jan-10	Ronge Island	64°43'S	63°41'W	0:00	9:00	42	Camping		
22-	Ronge	64°43'S	63°41'W	10:00	11:30	13	Small		

Jan-10	Island						Boat Cruising		
22-Jan-10	Cuverville Island	64°41'S	62°38'W	13:00	16:00	55	Small Boat Cruising		
22-Jan-10	Cuverville Island	64°41'S	62°38'W	13:00	16:00	19	Kayaking x 16		
22-Jan-10	Wilhelmina Bay	64°43'S	63°41'W	19:10	22:30	73	Small Boat Cruising		
23-Jan-10	Deception Island	62°59'S	60°39'W	12:00	15:00	67	Small Boat Landing	Extended Walk	
23-Jan-10	Deception Island	62°59'S	60°39'W	12:00	15:00	8	Kayaking x 6		
23-Jan-10	Half Moon Island	62°36'S	59°55'W	19:15	21:00	67	Small Boat Landing	Small Boat Cruising	Extended Walk
23-Jan-10	Half Moon Island	62°36'S	59°55'W	19:15	21:00	11	Kayaking x 9		

Voyage 2 - Antarctic Peninsula Adventure Voyage

Embarcation Date: January 26, 2010

Disembarkation Date: February 05, 2010

Date(s)	Site visited	Site		1st pax arrive	Last pax depart	Total	Activities at Site		
		Latitude	Longitude						
29-Jan-10	Petermann Island	65°10'S	64°10'W	12:45	15:45	121	Small Boat Landing	Small Boat Cruising	Extended Walk
29-Jan-10	Vernadsky Station	65°15'S	64°15'W	18:30	22:00	101	Small Boat Cruising	Station Visit	Small Boat Landing
29-Jan-10	Vernadsky Station	65°15'S	64°15'W	18:30	22:00	19	Kayaking x 16		
29-Jan-10	Yalour Islands	65°14'S	64°10'W	0:00	9:30	42	Camping		
30-Jan-10	Pleneau Island	65°06'S	64°04'W	12:00	15:00	107	Small Boat Landing	Small Boat Cruising	
30-Jan-10	Pleneau Island	65°06'S	64°04'W	12:00	15:00	11	Kayaking x 9		
30-Jan-10	Damoy Point/Dorian Bay	64°49'S	63°32'W	18:30	22:00	94	Small Boat Landing	Small Boat Cruising	Extended Walk
30-Jan-10	Damoy Point/Dorian Bay	64°49'S	63°32'W	18:30	22:00	16	Kayaking x 13		
31-Jan-10	Almirante Brown	64°54'S	62°52'W	12:00	15:00	100	Small Boat Landing	Small Boat Cruising	Extended Walk
31-Jan-10	Almirante Brown	64°54'S	62°52'W	12:00	15:00	19	Kayaking x 16		
31-Jan-10	Neko Harbor	64°50'S	62°33'W	18:10	21:30	118	Small Boat Landing	Small Boat Cruising	Extended Walk
01-Feb-10	Cuverville Island	64°41'S	62°38'W	12:00	15:00	114	Small Boat Landing	Small Boat Cruising	Extended Walk
01-Feb-10	Wilhelmina Bay	64°43'S	63°41'W	18:00	21:30	57	Small Boat Cruising	Ship Cruise	
01-Feb-10	Wilhelmina Bay	64°43'S	63°41'W	18:00	21:30	9	Kayaking x 6		
02-Feb-10	Deception Island	62°59'S	60°39'W	11:45	15:00	115	Small Boat Landing	Extended Walk	
02-Feb-10	Half Moon Island	62°36'S	59°55'W	19:00	21:00	0	Ship Cruise		

Voyage 3 – Falkland's, South "G", Antarctic Peninsula Voyage

Embarcation Date: February 05, 2010

Disembarkation Date: February 23, 2010

Date(s)	Site visited	Site Latitude/Longitude		1st pax arrive shore/site (in GMT)	Last pax depart shore/site (in GMT)	Total	Activities at Site		
		Latitude	Longitude						
07-Feb-10	West Point Island	51°20'S	60°41'W	12:00	15:00	118	Small Boat Landing	Extended Walk	
07-Feb-10	Carcass Island	51°17'S	60°33'W	19:30	22:30	98	Small Boat Landing	Extended Walk	
08-Feb-10	Stanley Harbour	51°40'S	59°51'W	12:00	16:30	126	Small Boat Landing	Town Visit	
11-Feb-10	Elsehul	54°01'S	37°59'W	18:30	19:00	0	Ship Cruise		
11-Feb-10	Salisbury Plain	54°03'S	37°19'W	21:30	22:45	116	Small Boat Cruising		
12-Feb-10	Grytviken	54°15'S	36°45'W	10:30	14:45	126	Small Boat Landing	Extended Walk	Filming
12-Feb-10	Hercules Bay	54°07'S	36°40'W	19:00	19:30	0	Ship Cruise		
12-Feb-10	Stromness Harbour	54°09'S	36°02'W	20:50	22:50	100	Small Boat Landing	Small Boat Cruising	Extended Walk
12-Feb-10	Stromness Harbour					0	Filming		
13-Feb-10	Gold Harbour	54°37'S	35°56'W	21:30	14:45	122	Small Boat Landing	Extended Walk	Filming
13-Feb-10	Cooper Bay	54°47'S	35°48'W	10:30	17:30	0	Ship Cruise		
13-Feb-10	Drygalski Fjord	54°50'S	36°00'W	19:00	21:00	0	Ship Cruise		
17-Feb-10	Frei Station	62°12'S	58°57'W	22:15	0:15	91	Small Boat Landing	Station Visit	
17-Feb-10	Frei Station	62°12'S	58°57'W	22:15	0:15	18	Kayaking x 15		
18-Feb-10	Graham Passage	64°24'S	61°29'W	19:10	22:00	88	Small Boat Cruising		
18-Feb-10	Graham Passage	64°24'S	61°29'W	19:10	22:00	19	Kayaking x 16		
18-Feb-10	Portal Point	64°30'S	61°46'W	23:45	1:00	31	Small Boat Landing	Small Boat Cruising	
18-Feb-10	Portal Point	64°30'S	61°46'W	23:45	9:30	58	Camping		
19-Feb-10	Wilhelmina Bay	64°38'S	62°00'W	13:30	16:00	87	Small Boat Cruising		
19-Feb-10	Wilhelmina Bay	64°38'S	62°00'W	13:30	16:00	17	Kayaking x 14		
19-Feb-10	Orne Harbour	64°37'S	62°32'W	19:00	23:00	107	Small Boat Landing	Sm. Boat Cruising	Extended Walk
20-Feb-10	Neko Harbour	64°50'S	62°33'W	11:00	14:15	90	Small Boat Landing	Small Boat	Extended Walk

								Cruising	
20-Feb-10	Neko Harbour	64°50'S	62°33'W	11:00	14:15	15	Kayaking x 12		
20-Feb-10	Cuverville Island	64°41'S	62°38'W	16:00	19:30	98	Small Boat Landing	Small Boat Cruising	Extended Walk
20-Feb-10	Cuverville Island	64°41'S	62°38'W	16:00	19:30	10	Kayaking x 6		

Voyage 4 – Antarctic Circle Voyage
Embarcation Date: February 23, 2010
Disembarkation Date: March 07, 2010

Date(s)	Site visited	Site Latitude/Longitude		1st pax arrive shore/site (in GMT)	Last pax depart shore/site (in GMT)	Total	Activities at Site		
		Latitude	Longitude						
27-Feb-10	Crystal Sound	66°23'S	66°30'W	12:00	14:00	89	Small Boat Cruising		
27-Feb-10	Fish Islands	66°02'S	65°25'W	17:30	20:30	77	Small Boat Landing	Small Boat Cruising	
27-Feb-10	Fish Islands	66°02'S	65°25'W	17:30	20:30	15	Kayaking x 12		
28-Feb-10	Yalour Islands	65°14'S	64°10'W	11:30	12:45	67	Small Boat Cruising		
28-Feb-10	Vernadsky Station	65°15'S	64°15'W	13:15	14:00	70	Small Boat Landing	Station Visit	Small Boat Landing
28-Feb-10	Argentine Islands	65°15'S	64°16'W	11:30	14:00	18	Kayaking x 15		
28-Feb-10	Petermann Island	65°10'S	64°10'W	18:30	21:30	75	Small Boat Landing	Small Boat Cruising	
28-Feb-10	Petermann Island	65°10'S	64°10'W	18:30	21:30	10	Kayaking x 8		
01-Mar-10	Pleneau Island	65°06'S	64°04'W	11:30	14:30	80	Small Boat Landing	Small Boat Cruising	Extended Walk
01-Mar-10	Pleneau Island	65°06'S	64°04'W	11:30	14:30	10	Kayaking x 8		
01-Mar-10	Paradise Bay	64°54'S	62°55'W	20:00	22:00	72	Small Boat Landing	Small Boat Cruising	
01-Mar-10	Leith Cove	64°52'S	62°48'W	23:30	9:00	37	Camping		
02-Mar-10	Neko Harbour	64°50'S	62°33'W	12:30	15:30	76	Small Boat Landing	Small Boat Cruising	
02-Mar-10	Neko Harbour	64°50'S	62°33'W	12:30	15:30	8	Kayaking x 6		

02-Mar-10	Cuverville Island	64°41'S	62°38'W	17:30	20:30	71	Small Boat Landing	Small Boat Cruising	Extended Walk
02-Mar-10	Cuverville Island	64°41'S	62°38'W	17:30	20:30	9	Kayaking x 7		
03-Mar-10	Wilhelmina Bay	64°38'S	62°00'W	13:00	15:30	45	Small Boat Cruising	Ship Cruise	
03-Mar-10	Wilhelmina Bay	64°38'S	62°00'W	13:00	15:30	19	Kayaking x 16		
03-Mar-10	Graham Passage	64°24'S	61°29'W	19:30	21:00	54	Small Boat Cruising		
04-Mar-10	Deception Island	62°59'S	60°34'W	12:20	15:20	84	Small Boat Landing	Extended Walk	
04-Mar-10	Half Moon Island	62°36'S	59°39'W	18:00	19:30	0	Ship Cruise		

Voyage 5 – International Antarctic Expedition 2041 Voyage

Embarcation Date: March 7, 2010

Disembarkation Date: March 18, 2010

10-Mar-10	Petermann Island	65°10'S	64°10'W	11:30	14:30	71	Small Boat Landing	Extended Walk	
10-Mar-10	Pléneau Island	65°06'S	64°04'W	16:00	19:00	69	Small Boat Cruising		
11-Mar-10	Almirante Brown	64°54'S	62°52'W	11:45	13:45	75	Small Boat Landing		
11-Mar-10	Neko Harbor	64°50'S	62°33'W	16:15	19:00	72	Small Boat Landing	Extended Walk	
11-Mar-10	Leith Cove	64°52'S	62°48'W	20:15	21:30	66	Small Boat Landing		
11-Mar-10	Leith Cove	64°52'S	62°48'W	23:30	10:00	58	Camping		
12-Mar-10	Cuverville Island	64°41'S	62°38'W	11:30	14:30	64	Small Boat Cruising	Small Boat Landing	Extended Walk
12-Mar-10	Orne Harbor	64°37'S	62°32'W	18:30	21:30	74	Small Boat Landing	Small Boat Cruising	Extended Walk
13-Mar-10	Wilhelmina Bay	64°38'S	62°00'W	9:20	11:45	71	Small Boat Cruising		
13-Mar-10	Cierva Cove	64°09'S	61°07'W	15:30	17:00	66	Small Boat Cruising		
14-Mar-10	Brown Bluff	63°32'S	56°55'W	14:30	17:30	73	Small Boat	Small Boat	Extended Walk

							Cruising	Landing	
14-Mar-10	Antarctic Sound	63°20's	56°45'w	18:00	20:15	62	Small Boat Cruising		
15-Mar-10	Bellingshausen Station	62°12'S	58°55'W	10:30	14:00	75	Station Visit		

B. Land-based Operations

No land-based operations

3. Permit Information

3.1 Visits to Protected Areas

None

3.2 Taking and harmful interference with flora and fauna

None

3.3 Introduction of non-native species

None

4. Environmental Information

4.1 Compliance with the Protocol

No new measures were taken this year.

4.2 List of IEEs and CEEs

None required

4.3 Monitoring Activities

None

4.4 Waste Management Plans

Waste Management plan was provided by the permit recipients.

5. Relevant National Legislation

No new legislation – Canada’s Antarctic Environmental Protection Act (2003)

6. Other Information

6.1 Inspection Reports

No inspection reports

6.2 Notice of Activities Undertaken in Case of Emergencies

No emergencies