

FEDERAL REPUBLIC OF GERMANY

ANTARCTIC TREATY

**EXCHANGE OF INFORMATION
UNDER ARTICLES III (1) AND VII (5)
FOR 2007 - 2008**

PART I

PRE-SEASON INFORMATION

**Federal Ministry
for Foreign Affairs**

Berlin

April 2008

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1. PRE-SEASON INFORMATION (01 October 2007 – 30 September 2008)

1.1 Operational Information

1.1.1 National Expeditions

The Alfred Wegener Institute for Polar and Marine Research (AWI) coordinates German Antarctic activities. The following German institutions perform Antarctic expeditions as well as operation of stations:

National institutions	activities planned in 2007/08
Alfred Wegener Institute for Polar and Marine Research (AWI)	yes
German Aerospace Center (DLR)	yes
Federal Agency for Cartography and Geodesy (BKG)	yes
Federal Institute for Geosciences and Natural Resources (BGR)	yes
Universities	yes
Antarctic activities planned in co-operation with other national operators	yes

A. Stations

Planned summer and winter operation from 01 October 2007 until 30 September 2008

Station	Position	Max. Population	Medical support	Remarks
Neumayer Station II Operated by AWI	70°39' S 08°15' W	Winter: 9 Summer: up to 45	Yes	Permanently occupied. Maintenance of station facilities, observatories, and infrasound station I27DE Storage of firn cores and snow samples for transport to Germany by RV Polarstern Operational Weather Forecast Service for aircraft missions

Officers in charge at Neumayer Station II:

Station leader: Karl-Heinz Waltner (AWI, physician) until January 2008.
Jürgen Nantke (AWI, physician) from February 2008,
Logistic coordinator: Thomas Matz (AWI, engineer) for season 2007/2008.

Station	Position	Max. Population	Medical support	Remarks
German Antarctic Receiving Station (GARS) Annex station to General Bernardo O'Higgins (Chile). Operated by DLR in co-operation with INACH (Chile).	63°19' S 57°54' W	up to 10	At O'Higgins Station	Occupied during campaigns in winter and summer. Planned campaigns: Satellite data acquisition, VLBI and GPS measurements.

Officers in charge at GARS:

Director of GARS: Klaus-Dieter Reiniger (engineer)
 Head of campaign(s): Alfons Zimmer (scientist)
 Werner Ziegltrum (engineer)

DLR / DFD-BI
 DLR / DFD-BI
 DLR / DFD-BI

Planned summer operation only

Station	Position	Max. Population	Medical support	Remarks
Neumayer Station III Operated by AWI and ARGE	70°40,8' S 08°16,2' W	up to 50	Yes	Unloading and set up of construction site, Construction works on the station, Construction works on platform air chemistry) and meteorological mast

Officers in charge at Neumayer Station III:

AWI construction coordinator: Jürgen Janneck (AWI, engineer)
 Construction team leader: Detlev Behrends (ARGE)

Station	Position	Max. Population	Medical support	Remarks
Kohnen Station Operated by AWI	75°00' S 00°04' E	Up to 28	yes	Inspection and maintenance of the station, Maintenance of air chemistry equipment Storage of firm cores and snow samples for transport to Neumayer station II by DROMLAN

Officers in charge at Kohnen:

Cord Drücker from 10 January 2008 to 4 February 2008

Station	Position	Max. Population	Medical support	Remarks
Dallmann Laboratory at Base Jubany (Argentina). Operated by AWI and DNA/IAA.	62°14' S 58°40' W	Up to 14	At Jubany Station	Research on zoological benthic communities and macroalgae around the Potter Cove, scientific SCUBA diving

Officers in charge at Dallmann Laboratory:

Scientific leader: Doris Abele (AWI, scientist) from 29 October 2007 to 3 January 2008
 Max Schwanitz (AWI, diver) from 13 January 2008 to 28 February 2008
 Chief technician: NN

Station	Position	Max. Population	Medical support	Remarks
Gondwana Operated by BGR	74°38'S, 164°13'E	Up to 20	no	No activities planned

Planned field camps for season 2007/2008

Field camp position	Scheduled period (Begin / End)	Max. Population	German officer in charge	Scientific activity
King George Island ice cap 62°01'S; 58°20' W	18 December 2007 15 January 2008	3 scientists	Matthias Braun University of Bonn	Mass balance, ground penetrating radar, remote sensing ground truth
Dronning Maud Land Three field sites in the Payer Mountains 71°20'S, 14°3'E	20 November 2007 28 February 2008	4 scientists	Georg Delisle (BGR)	Sampling of meteorites on blue ice fields (project QueenMet)

Planned other activities:

a) Planned Traverses

by AWI: None.

by the Technical University of Dresden:

Activity	Period of operation
Geodetic measurements at the traverse Mirny – Vostok	01 December 2007 – 30 April 2008

Along the traverse connecting the Russian stations Mirny and Vostok, geodetic measurements shall be performed using GPS. These observations will form a basis to infer ice velocities and ice-surface heights along the traverse. Furthermore, the ground-based observations can be compared with satellite measurements. This investigation forms a joint German-Russian contribution to the planned IPY project TASTE-IDEA.

Officer in charge:

Field Leader: Mirko Scheinert (TU Dresden)

b) Planned activities at other stations during season 2007/2008

Station Location host nation	Scheduled period (Begin / End)	German participants	German officer in charge	Scientific activity
McMurdo Station (USA) 77°50'88"S, 166°40'10"E	3 October 2007 - 11 December 2007	7 scientists	Gerhard Kuhn (AWI)	Participation in multi-national ANDRILL McMurdo Ice Shelf Project. Geological investigation of a 1200 m long sediment core of Plio-Pleistocene age drilled from underneath the McMurdo- Ross Ice Shelf. Reconstruction of the natural history of the Ross Ice Shelf (RIS) and the Ross Island Volcanic

				Complex
General Bernardo O'Higgins (Chile). 63°19' S, 57°54' W	December 2007 - February 2008	2 scientists	Hanno Meyer (AWI)	Microbiology and Isotope Geochemistry. This project is divided in several investigation subtasks. Each of these subtasks will be carried out by different groups of the UDEC and the AWI-P.
Amundsen Scott Station (USA) 89°59'51"S, 139°16'22"E	November 2007 - February 2008	7 scientists	Christian Spiering (DESY Zeuthen)	Operation of the Amanda Neutrino Telescope. Investigation of high energy cosmic neutrinos, search for dark matter and magnetic monopoles, monitoring of the Galaxy for Supernova bursts. Field operations: During the 2007/2008 season, the following main tasks will be performed: <ul style="list-style-type: none"> a) Improvement of the full Enhanced Hot Water Drill (EHWD) b) Deployment of 14 - 18 IceCube strings c) Installation of 36 IceTop surface tanks d) Upgrade of a test array for acoustic and radio detection of neutrinos
Bellingshausen (Russia) 62°11'47"S, 58°57'39"W	January 2008	2 scientists, 15 students	Hans-Ulrich Peter (University of Jena)	"Antarctic Science Summer School" (IPY-project)
	04 December 2007 - 28 February 2008	2 scientists	Hans-Ulrich Peter (University of Jena)	Analysis of stage dependent regional and local resource use of Antarctic skuas as key species, Fildes Peninsula and Ardley Island.
Artigas (Uruguay) 62°11'04"S, 58°54'09"W	04 December 2007 - 15 January 2008	3 scientists	Matthias Braun (University of Bonn).	Mass balance, ground penetrating radar, remote sensing ground truth
Talos Dome (Italy)	28 November 2007 -	1 scientist	Fernando	Italian Antarctic

72°48 S; 159°06 E	11 February 2008		Valero (AWI)	programme support
Leningradskaya (Russia) 69°30' S, 159°23'E and Russkaya (Russia) 74°46' S, 136°52' W	01 January 2008 – 31 March 2008	2 engineers	Reinhard Dietrich (TU Dresden)	Installation and registration of two permanent GNSS receivers , part of the IPY project POLENET (Polar Earth Observing Network)
Dumont D'Urville (France) 66°40' S, 140°01' E	19 October 2007 - 22 December 2007	1 scientist	Gerhard Dieckmann (AWI)	EPONTA, biogeochemistry of land fast ice, particularly with regard to the sympagic community on the ice underside and the platelet layer.
San Martín (Argentina) 68°08'S, 67°06'W	10 February 2008 - 26 February 2008	1 scientist	Mirko Scheinert (TU Dresden)	Set-up of gravimeter station and observation gravimetric time series

B. Ships

Planned operations of RV Polarstern:

Country: Germany
 Operator: AWI/Reederei F. Laeisz GmbH
 Number of voyages: 2 legs

Leg ANT XXIV/2: South Atlantic Ocean, Weddell Sea, Atka Bay

Cape Town ETD: 28 November 2007

Atka Bay ETA: 8 December 2007

Cape Town ETA: 4 February 2008

Master: Uwe Pahl (Reederei F. Laeisz / shipping company)
 Cruise leader: Ulrich Bathmann (AWI)
 Crew: 44
 Staff (scientist and technicians): 53
 Activity: Science: SCACE, ANDEEP-SYSTCO, and functional biodiversity
 research
 Logistics: Supply Neumayer Station II

For further schedule information see:

http://www.awi.de/en/infrastructure/ships/polarstern/detailed_expedition_schedule/

Leg ANT XXIV/3: Weddell Sea, Drake Passage

Cape Town ETD: 6 February 2008

Atka Bay ETA: 28 February 2008

Maxwell Bay ETA: 30 March 2008, pax exchange and cargo load

Punta Arenas ETA: 16 April 2008

Master: Stefan Schwarze (Reederei F. Laeisz / shipping company)
 Cruise leader: Eberhard Fahrbach (AWI)
 Crew: 42
 Staff (scientist and technicians): 64

Activity: Science: programmes CASO and Geotraces
 Logistics: loading of cargo from Neumayer Station II, exchange of personnel and loading of cargo from Dallmann Laboratory

For further schedule information see:

http://www.awi.de/en/infrastructure/ships/polarstern/detailed_expedition_schedule/

Planned co-operation with other vessels of other national operators and NGOs during season 2007/2008:

MV Naja Arctica

Country: Denmark
 Operator: Royal Arctic Line (RAL) / shipping company
 Number of voyages: 1 leg

Area of activity: South Atlantic Ocean, Atka Bay

Cape Town ETD: 6 December 2007

Atka Bay ETA: 18 December 2007

Atka Bay ETD: 7 January 2008

Master: Kristian Friis Hansen (Royal Arctic Line (RAL) / shipping company)

Ice Pilot: Steffen Spielke (Reederei F. Laeisz / shipping company)

Activity: Logistics: Transport of construction material for Neumayer station III, vehicles, cranes, and construction camp (chartering by AWI)

C. Aircraft

Planned aircraft missions with research aircraft Polar 5 (Basler BT 67, operated by AWI)

The Basler BT-67 aircraft Polar 5 (C-GAWI) will be used for scientific and logistic missions.

Chief pilot: Brian Burchartz (EAI)
Chief technician: David Woudsma (EAI)
Chief scientist: Veit Helm (AWI)
Daniel Steinhage (AWI)

Crew (EAI): 2 pilots, 1 technician
AWI staff: 2 scientists, 2 engineers
Optimare 1 engineer

Mission schedule:

Ferry flight south bound: Oshawa –Punta Arenas – Rothera – Novo Airbase

departure in Canada:	03/11/2007
arrival at Novo Airbase:	15/11/2007
begin of logistic and scientific flights:	15/11/2007
begin scientific flights (1 st campaign)	27/11/2007
end of scientific flights (1 st campaign)	08/12/2007
begin scientific flights (2 nd campaign)	10/01/2008
end of scientific flights (2 nd campaign)	01/02/2008
end of logistic and scientific flights	06/02/2008
departure from Neumayer	07/02/2008
arrival in Canada	14/02/2008

The aircraft will operate from Novo Airbase (Russia). Logistic flights are scheduled from 15 November 2007 – 06 February 2008 between Neumayer, Kohnen (Germany), and Novo Airbase (Russia).

Activity:

- a) On-Site commissioning of the new research aircraft and the first Antarctic mission (VIP-POLAR5-ANT), during the mission the Polar 5 will visit Neumayer Station II, Kohnen station, and SANAE IV.

Schedule

15 Nov:	Flight Novo Airbase - Neumayer Station, 16 Nov:
17 Nov:	Flight Neumayer – Kohnen – SANAE IV)
18 Nov:	Flight SANAE IV - Novo Airbase

- b) CryoVEx ANT: continues and extends the preparatory activities related to the CryoSat-2 validation objectives with a program of airborne laser/radar altimeter acquisitions in conjunction with ground measurements on selected sites in Antarctica. Aim is to sample areas with different snow and firn properties, for instance the blue ice fields near Novo runway, shelf ice, sea ice, dry inland ice and the transition zone north of the mountain chains in Dronning Maud Land.
- c) DoCo: Dome Connection in East Antarctica. Internal layers, respectively isochrones, within the East Antarctic ice sheet shall be detected by means of airborne radio-echo sounding (RES) between the

deep ice core drill sites Dome Fuji, Dome A, Vostok, Dome C, and Talos Dome. RES profile has already been mapped between Kohnen and Dome Fuji in the last season by Polar 2. The new Polar 5 allows for the first time to continue this profile along the ice divides through East Antarctica.

- d) VISA: It is planned to carry out several flights for the VISA project, filling gaps in earlier surveys, in order to achieve a homogenous line spacing of 10 km for the whole area (south of Novo) covered by magnetic, gravity, and ice thickness survey flights.

Schedule

23 Nov:	arrival of CryoVEx ANT scientist and engineers at Novo Airbase
23 Nov – 13 Dec:	scientific flights for CryoVEx ANT (1 st campaign)
19 Dec 2007:	departure of CryoVEX ANT personnel
06 Jan 2008:	arrival of DoCo, VISA scientist and engineers at Novo Airbase
06 Jan – 15 Jan:	scientific flights for VISA – part 1 (2 nd campaign)
16 Jan – 21 Jan:	scientific flights for DoCo
22 Jan – 03 Feb:	scientific flights for VISA – part 2
05 Feb:	departure of DoCo, VISA personnel

- e) Decommissioning of POLAR 5

Schedule

06 Feb :	departure from Novo Airbase
08 Feb:	departure from Rothera, arrival at Punta Arenas
13 Feb:	arrival at Oshawa

Flight hours: 129 h (science)
 37 h (logistics)
 91 h (positioning from Germany to Neumayer Station and back)

Planned flight activities with helicopters

RSV Polarstern

Two helicopters (MBB BO105 CBS5) operated by Heli Service International, will support the expeditions during legs ANT XXIV/2 and ANT XXIV/3

ANT XXIV/2

Chief pilot: Jürgen Büchner
 Chief technician: Jens Brauer
 Planned flight hours: 140

ANT XXIV/3

Chief pilot: Hans Hilmar Heckmann
 Chief technician: Mihael Stiemac
 Planned flight hours: 220

For further information please contact: <http://www.heliservice.de>

Planned air transportation in the frame of Dronning Maud Land Air Network (DROMLAN)

Dronning Maud Land Air Network (DROMLAN) provides intercontinental flights to/from Antarctica and feeder flights within Dronning Maud Land to any member country of Managers of National Antarctic Programs (COMNAP) in science related activities, including logistics. DROMLAN has been established as an international project by Belgium, Finland, Germany, India, Japan, Norway, Russia, South Africa, Sweden, and the United Kingdom.

Two runways are available in Antarctica for intercontinental flights from Cape Town (South Africa). The runway at Novolazarevskaya station (Novo-Airbase, 70°46'26"S, 11°51'54"E) is operated by the Russian Antarctic Expedition (RAE). The runway at Troll station (72°0'7"S, 2°32'2"E) is operated by the Norwegian Antarctic Research Expeditions (NARE).

For season 07/08 altogether 12 intercontinental flights are scheduled in order to carry personnel and cargo from Cape Town via Novo Airbase and Troll. Intercontinental flights will be performed by aircraft IL-76 TD operated by Antarctic Logistic Centre International (ALCI) as the Logistic operator of RAE. Altogether 7 Intercontinental flights are scheduled between Cape Town and Novo-Airbase (details see AFIM).

Transportation schedule for AWI activities:

Date	Flight number	Route	For Novo	For Cape Town
			AWI- pax/cargo	AWI- pax/cargo
02-04 November 2007	D1 (IL 76TD)	CPT - Novo - CPT	10 / 1760 kg	0 / 0 kg
07-10 November 2007	TAC1 (IL 76TD)	CPT - Novo - CPT	2 / 0 kg	0 / 0
14-19 November 2007	D2 (IL 76TD)	CPT - Novo - CPT	11 / 2450 kg	9 / 0
22-26 November 2007	TAC2 (IL 76TD)	CPT - Novo - CPT	4 / 3297 kg	1 / 0
29 Nov.-03 Dec. 2007	D3 (IL 76TD)	CPT - Novo - CPT	7 / 243 kg	2 / 80
15-19 December 2007	D4 (IL 76TD)	CPT - Novo - CPT	43 / 400 kg	3 / 300
05 – 07 January 2008	D5 (IL 76TD)	CPT – Troll - CPT	23 / 210 kg	0 / 0
04 – 06 February 2008	D7 (IL 76TD)	CPT - Novo - CPT	5 / 480 kg	31 / 1960 kg
12 – 14 February 2008	D8 (IL 76TD)	CPT - Novo - CPT	0 / 300 kg	4 / 0 kg
26 – 28 February 2008	D9 (IL 76TD)	CPT - Novo - CPT	0 / 0	11 / 2000 kg
03-06 March 2008	D10(IL76TD)	CPT - Novo - CPT	0 / 0	0/0
10-12 March 2008	D11(IL76TD)	CPT - Novo - CPT	0 / 200 kg	44 / 960 kg

Feeder flights will be performed by Basler BT-67 to Neumayer Station II and Kohlen Station, also organised by ALCI.

Planned air transportation between Ushuaia (Argentina) and Teniente Marsh airfield (Chile)

(AWI-Argentinean cooperation)

Transport of personnel and cargo to Dallmann-Laboratory/Jubany will be done by the coordination of the Instituto Antartico Argentino. These flights will be performed with a C-130 aircraft operated by the Argentinean air force between Buenos Aires via Ushuaia to the airfield Teniente Marsh. AWI has got a back up function in coordination. 13 persons will be transported in each direction. In this frame around 1000 kg cargo will be transported by aircraft to Teniente Marsh. Return of cargo is scheduled to be transported by RV Polarstern (see leg ANT XXIV/3).

For detailed flight schedules see Argentinean report.

Planned air transportation between Christchurch (NZ) and McMurdo Station (USA)

Flights are operated by RNZ and US Airforce between Christchurch (NZ) and McMurdo Station. The flights will be used by the German members of the ANDRILL Project. In addition the DESY Project will use the same flight connections from new Zealand to Antarctica. For flight schedules see reports of New Zealand and USA.

D. Science Rockets

None.

E. Military

None.

1.1.2 Non-Governmental Expeditions

A. Ship-based Operations

# 1 Ship-based Operation			
Name of operator		Henk Boersma, P.O. Box 61, 9410 Ushuaia, Argentina	
Name of vessel		S/Y SARAH W. VORWERK	
Country of registry of vessel		Germany	
Number of voyages		2	
# of crew/pax		2/8	
Port of departure to Antarctica		Ushuaia (Argentina)	
Port of arrival from Antarctica		Ushuaia (Argentina)	
Date of departure / arrival		21.12.07 / 10.01.08, 25.01.08 / 11.02.08	
Areas of operation		A1 & A2	
Proposed landing sites and the planned dates at which these landings will take place:			
VOR 01/07	Date	Location/ Site	Type of activity
1	21.12.07	Melchior Islands	Zodiac landing
2	23.12.07	Paradise Bay	Zodiac landing
3	25.12.07	Damoy Point	Zodiac landing
4	27.12.07	Peterman Island	Zodiac landing
5	29.12.07	Vernadsky/ Argentine Islands	Zodiac landing
6	04.01.08	Port Lockroy	Zodiac landing
7	06.01.08	Palmer Station	Zodiac landing
8	09.01.08	Deception Island	Zodiac landing
VOR 02/07	Date	Location/ Site	Type of activity
1	25.01.08	Melchior Islands	Zodiac landing
2	26.01.08	Paradise Bay	Zodiac landing
3	31.01.08	Damoy Point	Zodiac landing

4	02.02.08	Peterman Island	Zodiac landing
5	04.02.08	Vernadsky/ Argentine Islands	Zodiac landing
6	05.02.08	Port Lockroy	Zodiac landing
7	07.02.08	Palmer Station	Zodiac landing
8	09.02.08	Deception Island	Zodiac landing

# 2 Ship-based Operation			
Name of operator		Turismo SIM Ltd., Wolf Kloss, Calle Maragaño 168, P.O. Box 6, Puerto Williams, XII Region, Chile	
Name of vessel		S/Y SANTA MARIA AUSTRALIS	
Country of registry of vessel		Chile	
Number of voyages		3	
# of crew/pax		2/8	
Port of departure to Antarctica		Puerto Williams (Chile)	
Port of arrival from Antarctica		Puerto Williams (Chile)	
Date of departure / arrival		21.12.07 / 25.02.08	
Areas of operation		A1	
Proposed landing sites and the planned dates at which these landings will take place:			
SMA	Date	Location/ Site	Type of activity
1	21.12.07	Deception Island	Zodiac landing
2	22.12.07	Enterprise Island	Zodiac landing
3	23.12.07	Cuerverville Island	Zodiac landing
4	24.12.07	Paradise Bay	Zodiac landing
5	25.12.07	Port Pleneau	Zodiac landing
6	26.12.07	Peterman Island	Zodiac landing
7	27.12.07	Argentine Islands	Zodiac landing
8	28.12.07	Port Lockroy	Zodiac landing
9	29.12.07	Dorian Bay	Zodiac landing
10	30.12.07	Melchior Islands	Zodiac landing
11	31.12.07	Melchior Islands	Zodiac landing
SMA	Date	Location/ Site	Type of activity
1	18.01.08	Deception Island	Zodiac landing
2	19.01.08	Enterprise Island	Zodiac landing
3	20.01.08	Cuerverville Island	Zodiac landing
4	21.01.08	Paradise Bay	Zodiac landing
5	22.01.08	Port Pleneau	Zodiac landing
6	23.01.08	Peterman Island	Zodiac landing
7	24.01.08	Argentine Islands	Zodiac landing
8	25.01.08	Port Lockroy	Zodiac landing
9	26.01.08	Dorian Bay	Zodiac landing
10	27.01.08	Melchior Islands	Zodiac landing
11	28.01.08	Melchior Islands	Zodiac landing
SMA	Date	Location/ Site	Type of activity
1	15.02.08	Deception Island	Zodiac landing

2	16.02.08	Enterprise Island	Zodiac landing
3	17.02.08	Cuverville Island	Zodiac landing
4	18.02.08	Paradise Bay	Zodiac landing
5	19.02.08	Port Pleneau	Zodiac landing
6	20.02.08	Peterman Island	Zodiac landing
7	21.02.08	Argentine Islands	Zodiac landing
8	22.02.08	Port Lockroy	Zodiac landing
9	23.02.08	Dorian Bay	Zodiac landing
10	24.02.08	Melchior Islands	Zodiac landing
11	25.02.08	Melchior Islands	Zodiac landing

#3 Ship-based Operation			
Name of operator		Hapag-Lloyd Kreuzfahrten GmbH, Ballindamm 25, D-20095 Hamburg, Germany	
Name of vessel		MV BREMEN	
Country of registry of vessel		Nassau/ Bahamas No. 716244	
Number of voyages		7 (BRE 0721 to BRE 0804)	
Max. # of staff/crew/pax		BRE0721: 12/94/120 BRE0722: 12/94/130 BRE0800: 12/94/140 BRE0801: 12/94/140 BRE0802: 12/94/140 BRE0803: 12/94/140 BRE0804: 12/94/140	
Port of departure to Antarctica		BRE0721: Buenos Aires (Argentina) BRE0722 to BRE0804: Ushuaia (Argentina)	
Port of arrival from Antarctica		BRE0721 to BRE0804: Ushuaia (Argentina)	
Date of departure / arrival		BRE0721: 12.11.07/30.11.07 BRE0722: 30.11.07/19.12.07 BRE0800: 19.12.07/09.01.08 BRE0801: 09.01.08/24.01.08 BRE0802: 24.01.08/11.02.08 BRE0803: 11.02.08/26.02.08 BRE0804: 26.02.08/12.03.08	
Areas of operation		A1, A2 & A3	
Proposed landing sites and the planned dates at which these landings will take place:			
#	Date	Location/ Site	Type of activity
BRE 0721			
1	24.11.07	South Shetland Islands	<i>unknown</i>
2	25.11.07	South Shetland Islands	<i>unknown</i>
3	26.11.07	South Shetland Islands	<i>unknown</i>
4	27.11.07	South Shetland Islands	<i>unknown</i>
BRE 0722			<i>unknown</i>
1	10.12.07	Orcadas Station	Anchorage

2	11.12.07	Point Wild/ Elephant Island	<i>unknown</i>
3	11.12.07	Cape Lookout	<i>unknown</i>
4	12.12.07	Paulet Island	<i>unknown</i>
5	12.12.07	Hope Bay	<i>unknown</i>
6	13.12.07	Hannah Point	Anchorage
7	13.12.07	Deception Island	Anchorage
8	14.12.07	Neko Harbor	<i>unknown</i>
9	14.12.07	Paradise Bay	<i>unknown</i>
10	15.12.07	Peterman Island	Anchorage
11	15.12.07	Port Lockroy	Anchorage
12	16.12.07	Melchior Island	<i>unknown</i>
BRE 0800			
1	30.12.07	Orcadas Station	Zodiac landing
2	31.12.07	Point Wild	Zodiac landing
3	31.12.07	Cape Lookout	Zodiac landing
4	01.01.08	Paulet Island	Zodiac landing
5	02.01.08	Seymour Island	Zodiac landing
6	02.01.08	Snow Hill Island	Zodiac landing
7	03.01.08	Half Moon Island	Zodiac landing
8	03.01.08	Whalers Bay/ Deception Island	Anchorage
9	04.01.08	Port Lockroy/ Goudier Island	Zodiac landing
10	04.01.08	Paradise Bay/ Almirante Brown	Zodiac landing
12	05.01.08	Peterman Island	Zodiac landing
13	05.01.08	Vernadsky Station	Zodiac landing
14	06.01.08	Melchior Islands	Zodiac landing, Drifting
BRE 0801			
1	11.01.08	Penguin Island	Zodiac landing
2	12.01.08	Paulet Island	Zodiac landing
3	12.01.08	Devil Island	Zodiac landing
4	13.01.08	Snow Hill Island	Zodiac landing
5	13.01.08	Vega Island	Zodiac landing
6	14.01.08	Aitcho Island	Zodiac landing
7	14.01.08	Half Moon Island	Zodiac landing
8	15.01.08	Port Lockroy	Zodiac landing
9	15.01.08	Paradise Bay/ Almirante Brown	Zodiac landing
10	16.01.08	Pleneau Island	Zodiac landing
11	16.01.08	Vernadsky Station	Zodiac landing
12	17.01.08	Detaille Island	Zodiac landing
13	18.01.08	Rothera Station	Zodiac landing
14	18.01.08	Horseshoe Island	Zodiac landing
15	19.01.08	Camp Point	Zodiac landing
16	20.01.08	Melchior Islands	Zodiac landing
17	20.01.08	Cuerverville	Zodiac landing

18	21.01.08	Baily Head/ Deception Island	Zodiac landing
BRE 0802			
1	04.02.08	Orcadas Station	Zodiac landing
2	05.02.08	Point Wild	Zodiac landing
3	05.02.08	Cape Lookout	Zodiac landing
4	06.02.08	Hannah Point	Zodiac landing
5	06.02.08	Deception Island	Anchorage
6	07.02.08	Neko Harbour	Anchorage
7	07.02.08	Paradise Bay	<i>unknown</i>
8	07.02.08	Lemaire Channel	Zodiac landing
9	08.02.08	Melchior Islands	<i>unknown</i>
BRE 0803			
1	13.02.08	Penguin Island	Zodiac landing
2	14.02.08	Paulet Island	Zodiac landing
3	14.02.08	Devil Island	Zodiac landing
4	15.02.08	Snow Hill Island	Zodiac landing
5	15.02.08	Vega Island	Zodiac landing
6	16.02.08	Aitcho Island	Zodiac landing
7	16.02.08	Half Moon Island	Zodiac landing
8	17.02.08	Port Lockroy	Zodiac landing
9	17.02.08	Paradise Bay	Zodiac landing
10	18.02.08	Pleneau Island	Zodiac landing
11	18.02.08	Vernadsky Station	Zodiac landing
12	19.02.08	Detaille Island	Zodiac landing
13	20.02.08	Rothera Station	Zodiac landing
14	20.02.08	Horseshoe Island	Zodiac landing
15	21.02.08	Camp Point	Zodiac landing
16	22.02.08	Melchior Islands	Zodiac landing
17	22.02.08	Cuerverville Island	Zodiac landing
18	23.02.08	Baily Head/ Deception Island	Zodiac landing
BRE 0804			
1	02.03.08	Point Wild	Zodiac landing
2	02.03.08	Cape Lookout	Zodiac landing
3	03.03.08	Danger Islands	Zodiac landing
4	03.03.08	Paulet Island	Zodiac landing
5	05.03.08	Brown Bluff	Zodiac landing
6	05.03.08	Hope Bay	Zodiac landing
7	06.03.08	Aitcho Island	Zodiac landing
8	06.03.08	Half Moon Island	Zodiac landing
9	06.03.08	Yankee Harbour	Anchorage
10	07.03.08	Baily Head	Zodiac landing
11	07.03.08	Whalers Bay	Anchorage
12	07.03.08	Telephone Bay	Anchorage
13	08.03.08	Cuerverville Island	Anchorage
14	08.03.08	Paradise Bay	Zodiac landing
15	09.03.08	Port Lockroy	Anchorage

# 4 Ship-based Operation			
Name of operator		Hapag-Lloyd Kreuzfahrten GmbH, Ballindamm 25, D-20095 Hamburg, Germany	
Name of vessel		MV HANSEATIC	
Country of registry of vessel		Nassau/Bahamas No. 720407	
Number of voyages		5 (HAN 0800 to HAN 0804)	
Max. # of staff/crew/pax		HAN0800: 12/119/160 HAN0801: 12/119/160 HAN0802: 12/119/160 HAN0703: 12/119/160 HAN0804: 12/119/140	
Port of departure to Antarctica		HAN0800: Punta Arenas, HAN0801 to HAN0804: Ushuaia (Argentina)	
Port of arrival from Antarctica		HAN0800 to HAN 0804: Ushuaia (Argentina)	
Date of departure and arrival		HAN0800: 18.12.07, 07.01.08 HAN0801: 07.01.08, 25.01.08 HAN0802: 25.01.08, 04.02.08 HAN0803: 04.02.08, 22.02.08 HAN0804: 22.02.08, 10.03.08	
Areas of operation		A1, A2 & A3	
Proposed landing sites and the planned dates at which these landings will take place:			
#	Date	Location/ Site	Type of activity
HAN 0800			
1	31.12.07	Orcadas Station	Zodiac landing
2	01.01.08	Point Wild	Zodiac landing
3	02.01.08	Paulet Island	Zodiac landing
4	03.01.08	Almirante Brown	Zodiac landing
5	03.01.08	Petermann Island	Zodiac landing
6	04.01.08	Whalers Bay	Zodiac landing
7	04.01.08	Hannah Point	Zodiac landing
HAN 0801			
1	17.01.08	Orcadas Station	Zodiac landing
2	17.01.08	Sandefjord Bay	Zodiac landing
3	18.01.08	Point Wild	Zodiac landing
4	18.01.08	Cape Lookout	Zodiac landing
5	19.01.08	Paulet Island	Zodiac landing
6	19.01.08	Brown Bluff	Zodiac landing
7	20.01.08	Half Moon Island	Zodiac landing
8	20.01.08	Telefon Bay	Zodiac landing
9	20.01.08	Pendulum Cove	Zodiac landing
10	21.01.08	Almirante Brown	Zodiac landing
11	21.01.08	Peterman Island	Zodiac landing
12	22.01.08	Detaille Island	Zodiac landing
HAN 0802			

1	27.01.08	Aitcho Island	Zodiac landing
2	28.01.08	Paulet Island	Zodiac landing
3	28.01.08	Devil Island	Zodiac landing
4	29.01.08	Snow Hill Island	Zodiac landing
5	30.01.08	Almirante Brown	Zodiac landing
6	30.01.08	Petermann Island	Zodiac landing
7	31.01.08	Port Lockroy	Zodiac landing
8	31.01.08	Neko Harbour	Zodiac landing
9	01.02.08	Whalers Bay	Zodiac landing
10	01.02.08	Telefon Bay	Zodiac landing
11	01.02.08	Pendulum Cove	Zodiac landing
12	02.02.08	Yankee Harbour	Zodiac landing
HAN 0803			
1	14.02.08	Signy Base / South Orkneys	Zodiac landing
2	15.02.08	Point Wild / Elephant Island / S. Shetlands	Zodiac landing
3	16.02.08	Devil Island	Zodiac landing
4	16.02.08	Brown Bluff	Zodiac landing
5	17.02.08	Aitcho (Barrientos) Island	Zodiac landing
6	17.02.08	Whaler's Bay / Deception Island	Zodiac landing
7	18.02.08	Cuerville Island	Zodiac landing
8	18.02.08	Port Lockroy / Goudier Island	Zodiac landing
9	19.02.08	Paradise Bay / Almirante Brown	Zodiac landing
10	19.02.08	Petermann Island	Zodiac landing
HAN 0804			
1	25.02.08	Detaille Island / Crystal Sound	Zodiac landing
2	26.02.08	Petermann Island	Zodiac landing
3	26.02.08	Paradise Bay / Almirante Brown	Zodiac landing
4	26.02.08	Cuerville Island	Zodiac landing
5	27.02.08	Whaler's Bay / Deception Island	Zodiac landing
6	27.02.08	Half Moon Island / South Shetlands	Zodiac landing
7	28.02.08	Point Wild / Elephant Island / S. Shetlands	Zodiac landing
8	29.02.08	Orcadas Station / South Orkneys	Zodiac landing

# 5 Ship-based Operation	
Name of operator	Oceanstar GmbH An der Trift 65, D-63303 Dreieich Germany
Name of vessel	HANSE EXPLORER
Country of registry of vessel	Germany
Number of voyages	4
# of crew/staff/pax	15/3/12
Port of departure to Antarctica	HEX72212: Buenos Aires (Argentina) HEX81201-HE81402: Ushuaia (Argentina)
Port of arrival from Antarctica	HEX72212-HE83101: Ushuaia (Argentina)

	HEX81402: Bahia Blanca		
Date of departure / arrival	HEX72212: 22.12.07/12.01.08 HEX81201: 12.01.08/30.01.08 HEX83101: 31.01.08/13.02.08 HEX81402: 14.02.08/01.03.08		
Areas of operation	A1 & A3		
Proposed landing sites and the planned dates at which these landings will take place:			
#	Date	Location/ Site	Type of activity
HEX 72212			
1	06.01.08	Paulet Island	Zodiac landing
2	06.01.08	Brown Bluff	Zodiac landing
3	07.01.08	Hannah Point	Zodiac landing
4	07.01.08	Pendulum Cove	Zodiac landing
5	08.01.08	Port Lockroy	Zodiac landing
6	08.01.08	Vernadsky Station	Zodiac landing
7	09.01.08	Almirante Brown	Zodiac landing
8	09.01.08	Dallmann Bay	Zodiac landing
HEX 81201			
1	24.01.08	Danger Islands	Zodiac landing
2	24.01.08	Paulet Island	Zodiac landing
3	24.01.08	Brown Bluff	Zodiac landing
4	25.01.08	Baily Head	Zodiac landing
5	25.01.08	Hannah Point	Zodiac landing
6	26.01.08	Almirante Brown	Zodiac landing
7	26.01.08	Vernadsky Station	Zodiac landing
8	27.01.08	Paradise Bay	<i>unknown</i>
9	27.01.08	Neko Harbour	Zodiac landing
10	27.01.08	Dallmann Bay	Zodiac landing
HEX 83101			
1	05.02.08	Danger Islands	Zodiac landing
2	05.02.08	Paulet Island	Zodiac landing
3	05.02.08	Brown Bluff	Zodiac landing
4	06.02.08	Baily Head	Zodiac landing
5	06.02.08	Hannah Point	Zodiac landing
6	07.02.08	Pendulum Cove	Zodiac landing
7	07.02.08	Port Lockroy	Zodiac landing
8	08.02.08	Almirante Brown	Zodiac landing
9	08.02.08	Vernadsky Station	Zodiac landing
10	09.02.08	Paradise Bay	<i>unknown</i>
11	09.02.08	Neko Harbour	Zodiac landing
12	09.02.08	Dallmann Bay	Zodiac landing
HEX 81402			
1	17.02.08	Danger Islands	Zodiac landing
2	17.02.08	Paulet Island	Zodiac landing
3	17.02.08	Brown Bluff	Zodiac landing
4	18.02.08	Baily Head	Zodiac landing
5	18.02.08	Hannah Point	Zodiac landing

6	19.02.08	Pendulum Cove	Zodiac landing
7	19.02.08	Port Lockroy	Zodiac landing
8	20.02.08	Almirante Brown	Zodiac landing
9	20.02.08	Vernadsky Station	Zodiac landing
10	21.02.08	Paradise Bay	<i>unknown</i>

# 6 Ship-based Operation			
Name of operator		Plantours & Partner GmbH Obernstraße 76, 28195 Bremen	
Name of vessel		MV VISTAMAR	
Country of registry of vessel		Kingstown (Saint Vincent)	
Number of voyages		3 (VI01/08 & VI02/08 & VI03/08)	
Max. # of staff/crew/pax		VI01/08: 18/110/260 VI02/08: 18/110/260 VI03/08: 18/110/260	
Port of departure to Antarctica		VI01/08: Buenos Aires (Argentina) VI02/08: Punta Arenas (Chile) VI03/08 : Punta Arenas (Chile)	
Port of arrival from Antarctica		VI01/08: Punta Arenas (Chile) VI02/08: Punta Arenas (Chile) VI03/08: Valparaiso (Chile)	
Date of departure / arrival		VI01/08: 22.12.07 / 07.01.08 VI02/08: 07.01.08 / 19.01.08 VI03/08 : 19.01.08 / 02.02.08	
Areas of operation		A1	
Proposed landing sites and the planned dates at which these landings will take place:			
#	Date	Location/ Site	Type of activity
VI 01/08			
1	30.12.07	Arctowski Station/ King George Island	Zodiac landing
2	30.12.07	Jubany Station/ King George Island	Zodiac landing
3	31.12.07	Hope Bay	Zodiac landing
4	01.01.08	Neumayer Channel	
5	02.01.08	Cuverville Island	Zodiac landing
6	01.01.08	Almirante Brown	Zodiac landing
7	02.01.08	Mikkelsen Harbour	Zodiac landing
8	02.01.08	Deception Island	Zodiac landing
9	03.01.08	Half Moon Island	Zodiac landing
10	03.01.08	Greenwich Island	Zodiac landing
VI 02/08			
1	10.01.08	Melchior Islands	Zodiac landing
2	11.01.08	Neumayer Channel	
3	11.01.08	Almirante Brown	Zodiac landing
4	11.01.08	Cuverville Island	Zodiac landing
5	12.01.08	Deception Island	Zodiac landing
6	12.01.08	Half Moon Island	Zodiac landing
7	13.01.08	Hope Bay	Zodiac landing
8	13.01.08	Arctowski Station/ King George Island	Zodiac landing
9	14.01.08	Jubany Station/ King	Zodiac landing, station visit

		George Island	
VI 03/08			
1	22.01.08	Half Moon Island	Zodiac landing
2	22.01.08	Deception Island	Zodiac landing
3	23.01.08	Neumayer Channel	
4	23.01.08	Almirante Brown	Zodiac landing
5	23.01.08	Cuverville Island	Zodiac landing
6	24.01.08	Hope Bay	Zodiac landing
7	24.01.08	Arctowski Station/ King George Island	Zodiac landing

# 7 Ship-based Operation			
Name of operator		Hansa Kreuzfahrten, Conterescarpe 36, 28203 Bremen	
Name of vessel		MV DELPHIN	
Country of registry of vessel		Valetta (Malta)	
Number of voyages		2 (DEL02/08 & DEL03/08)	
Max. # of staff/crew/pax		DEL02/08: 15/225/350 DEL03/08: 15/225/350	
Port of departure to Antarctica		DEL02/08: Buenos Aires (Argentina) DEL02/08: Ushuaia (Argentina)	
Port of arrival from Antarctica		DEL03/08: Ushuaia (Argentina) DEL03/08: Valparaiso	
Date of departure / arrival		DEL02/08: 05.01.08 / 21.01.08 DEL03/08: 21.01.08 / 06.02.08	
Areas of operation		A1 & A3	
Proposed landing sites and the planned dates at which these landings will take place:			
#	Date	Location/Site	Type of activity
DEL 02/08			
1	14.01.08	Camara Station/ Half Moon Island	Zodiac landing
2	14.01.08	Yankee Harbour/ Greenwich Island	Zodiac landing
3	15.01.08	Whalers Bay/ Deception Island	Zodiac landing
4	16.01.08	Almirante Brown/ Paradise Bay	Zodiac landing
5	16.01.07	Port Lockroy/ Goudier Island	Zodiac landing
6	18.01.08	Arctowski Station/ King George Island	Zodiac landing
DEL 03/08			
1	24.01.08	Camara Station/ Half Moon Island	Zodiac landing
2	24.01.08	Yankee Harbour/ Greenwich Island	Zodiac landing
3	25.01.08	Whalers Bay/ Deception Island	Zodiac landing
4	26.01.08	Almirante Brown/ Paradise Bay	Zodiac landing
5	26.01.08	Port Lockroy/ Goudier Island	Zodiac landing
6	28.01.08	King George Island	Zodiac landing

1.2 Visits to protected Areas

From December 2007 to March 2008 daily visits will be done by two to three scientists of the University of Jena to the breeding colonies in the ASPA No°150 (Ardley Island). Furthermore the international student group "Antarctic Science Summer School" (13 persons) as well as two journalists (schmidtFilm inc Leipzig) will visit the ASPA No°150 in January 2008 for a few days.

From December 2007 to February 2008 visits will be done by two scientists of the University of Jena to the ASPA No°125 (Fildes Peninsula) and in January 2008 two students of the above mentioned student group as well as two journalists (schmidtFilm inc Leipzig) will visit the ASPA No°125.