

## Exchange of Information in 2004/2005

### 1. PRE-SEASON INFORMATION

#### 1.1.2 Non-governmental Expedition

A. Ship-based Operations  
None

B. Land-based Operations

Name of Expedition	Method of transportation to, from and within Antarctica	Type of adventure/activity	Location	Dates of expedition	Number of personnel involved
Antarctic expedition (climbing up Vinson Massif and sliding down on skies)	Aircraft	Climbing and skiing	Vinson Massif	20 Dec. 2004 ~ 13 Jan. 2005	2
Filming on penguins	Aircraft	Filming and reporting	Esperanza Base and Frei Base	23.Dec.2004 ~ 3.Feb.2005	4

#### 1.2 Visits to Protected Areas

Name and number of protected area	Number of people permitted to visit	Date/period	purpose
No. 141 Yukidori Valley, Langhovde	12	60days between the 17 Dec.2004 and 15 Dec. 2004	To research the structure and succession of ecosystem of lakes in Antarctica.
No. 141 Yukidori Valley, Langhovde	12	15days between the middle of Dec.2003 and the middle of Dec. 2004	Monitoring the land vegetation around lakes in the Antarctica

## 2. ANNUAL REPORT

### 2.3 Permit Information

#### 2.3.1 Visits to Protected Areas

Referred to 1.2

#### 2.3.2 Taking and Harmful Interference with Flora and Fauna

Species	Activities	Location	Amount	Sex age	Purpose
Mosses	Taking (Sampling for Mosses)	Soya Coast (69° 40'S, 39° 43'E) (69° 40'S, 39° 25'E) (69° 40'S, 39° 25'E)	7kg	-	To research the structure and succession of ecosystem of lakes in Antarctica.
Mosses	Taking (Sampling for Mosses)	Soya Coast (69° 40'S, 39° 43'E) (69° 40'S, 39° 25'E) (69° 40'S, 39° 25'E)	2kg	-	Monitoring the land vegetation around lakes in the Antarctica
Adelie Penguin	Harmful Interference (taking contents in stomach)	Langhovde ( 69°12' 50"S, 、 39°38'E )	100	-	To research the ecology of Weddell seal and influence of pollutant to their bodies.
Adelie Penguin	Harmful Interference( Attaching data loggers)	Langhovde ( 69°12' 50"S, 、 39°38'E )	80	-	To research the ecology of Weddell seal and influence of pollutant to their bodies.

#### 2.3.3 Introduction of Non-native Species

Species	Location	Amount	Purpose
GES bacterium	Sowa Station(69° S, 39° 35'E)	GES bacterium 900g	To decompose oil etc. in the drainpipes in Sowa Station
SES bacterium		SES bacterium 900g	
Bacillus subtilis BN1001		Bacillus subtilis 95kg	

#### 2.4.1 Compliance with Protocol

A law that ensures implementation of the Protocol in Japan, *the Law relating to Protection of the Environment in Antarctica (Antarctic Environment Law)* was promulgated in the gazette on 28<sup>th</sup> May 1997 and entered into force on 14<sup>th</sup> January 1998 at the same time the Protocol itself entered into force, in Japan.

*The Cabinet Ordinance for enforcing the Antarctic Environment Law and the Prime Minister's Office Ordinance for enforcing the Antarctic Environment Law* was promulgated in the gazettes between July and September 1997.

The instrument of acceptance of the Protocol was received by the Government of the USA on December 15 1997.

The text of *the Antarctic Environment Law* is available from:

<<http://www.env.go.jp/en/lar/antarctica/index.html>>

Japan has been disseminating small pamphlet (Japanese and English version) and website (Japanese and English version) "Antarctica", including outline of natural environment in Antarctica, procedures for visiting Antarctica and short history of Japanese Antarctic Research.

The website is available from:

<<http://www.env.go.jp/earth/nankyoku/kankyohogo/index.html>>

#### 2.4.2 List of IEEs and CEEs

Level of assessment	Proposed activities	Location	Decision taken
Initial Environmental Evaluation	Repair of the electric earth lines in the ground for the ionospheric observations	Syowa Station (69°00'S, 39°35'E)	The proposed activity was certified by Minister of the Environment as having no more than a minor or transitory impact.
Initial Environmental Evaluation	The installation of interference antennas.	Same as above	Same as above
Initial Environmental Evaluation	Construction of small observation huts for operating interference antennas.	Same as above	Same as above
Initial Environmental Evaluation	Construction of new facilities at Syowa Station (Repair of fuel pipe etc.)	Same as above	Same as above
Initial Environmental Evaluation	Construction of new facilities at Syowa Station (bank for oil spill prevention etc.)	Same as above	No more than minor or transitory impacts. Activity to proceed as planned. However, the influences of the activity should be monitored.

### 3. PERMANENT INFORMATION

#### 3.6 Permit Information

Referred to 2.4.1