

Exchange of Information in 2003/2004

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
Sampling the living things in the marine	Aircraft	Sampling the living things in the marine	Frei Station, Chile (66°11'S, 58°55'W)	12 Feb 2004 ~ 24 Feb 2004	3
Filming and reporting the total solar eclipse	Aircraft	Filming and reporting	Novolazarevskaya Station, Russia (70°49'S, 11°39')	10 Nov. 2003 ~ 28 Nov. 2003	30

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	7	30days between the middle of Dec.2003 and the middle of Dec. 2004	Researching the land vegetation around lakes in the Antarctica
No. 141 Yukidori Valley, Langhovde	3	30days between the middle of Dec.2003 and the middle of Dec. 2004	Researching the land vegetation around lakes in the Antarctica, filming and reporting it

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
Weddell seal	Harmful Interference (Attaching data loggers and tags (catch and release)	Soya Coast (69°00S, 39°00E)	100 tags (including 20 data logger)	-	To research the ecology of Weddell seal and influence of c pollutant to their bodies.
Adelie Penguin	Harmful Interference (Attaching data loggers)	Soya Coast(69°28 'S, 39°37E°)	30 tags	-	To research the ecology of Weddell seal and influence of c pollutant to their bodies.
Mosses	Takeing(Sampling for Mosses)	Soya Coast (69 ° 40'S, 39 ° 43'E) (69 ° 40'S,39 ° 25'E) (69 ° 40'S,39 ° 25'E)	50;ca.,5 kg	-	To research the structure and succession of ecosystem of lakes in Antarctica.

2.3.3 Introduction of Non-native Species

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

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 28th May 1997 and entered into force on 14th 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	<ul style="list-style-type: none"> • Repair of the electric earth lines in the ground for the ionospheric observations 	Syowa Station (69°00'S, 39°35'E)	All the proposed activities were certified by Minister of the Environment as having no more than a minor or transitory impact.
Initial Environmental Evaluation	<ul style="list-style-type: none"> • The installation of riometer antennas 	Same as above	Same as above
Initial Environmental Evaluation	<ul style="list-style-type: none"> • Repair of fuel pipe • Set of a fuel tank • Installation of monitoring camera 	Same as above	Same as above
Initial Environmental Evaluation	<ul style="list-style-type: none"> • Construction of small observation huts for biological observation 	Same as above	Same as above
Initial Environmental Evaluation	<ul style="list-style-type: none"> • Construction of new facilities at Syowa Station (parabolic-antenna, bank for oil spill prevention) 	Same as above	Same as above

3. PERMANENT INFORMATION

3.6 Permit Information

Referred to 2.4.1