

ANTARCTIC TREATY

Exchange of Information – Republic of Korea

Pre-season Information

This information is provided in accordance with Korea's obligations under Article III (1)a and Article VII (5) of the Antarctic Treaty to provide advance information on the Korean activities in Antarctica, as well as obligations within the Protocol on Environmental Protection to the Antarctic Treaty and its Annexes to exchange information.



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Contents

I. OPERATIONAL INFORMATION	3
NATIONAL INFORMATION	3
A. STATIONS	3
<i>Wintering Station: King Sejong</i>	3
<i>Major field activities</i>	3
B. VESSELS	4
<i>R/V Yuzhmorgeologiya</i>	4
<i>AHTS Luma</i>	5
C. AIRCRAFT.....	5
D. SCIENCE ROCKETS.....	5
E. MILITARY	6
NON-GOVERNMENTAL EXPEDITIONS.....	6
A. SHIP-BASED OPERATIONS.....	6
B. LAND-BASED OPERATIONS	6
<i>Munhwa Broadcasting Corporation</i>	6
II. VISIT TO PROTECTED AREAS.....	6
III. EMERGENCY CONTACTS	6

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Pre-season Information

I. Operational Information

National Information

A. Stations

Wintering Station: King Sejong

- Region: Barton Peninsula, King George Island
- Latitude: 62°13'S
- Longitude: 58°47'W
- Inauguration date: February 17, 1988
- Maximum population: 65 person (summer), 16 person (winter)
- Medical support: First aid facility

Major field activities

- Species diversity and biomass of phytoplankton
 - Region: King George Island
 - Principal Investigator: S.-H. Kang (shkang@kordi.re.kr)
- Seawater properties related to human impacts
 - Region: Marian Cove and Maxwell Bay in King George Island
 - Principal Investigator: K.H. Chung (khchung@kordi.re.kr)
- Monitoring on the terrestrial and coastal vegetation
 - Region: Around King Sejong Station, King George Island
 - Principal Investigator: H. Chung (hchung@kordi.re.kr)
- Changes in trace metal concentration in aerosol and lichens
 - Region: Around King Sejong Station, King George Island
 - Principal Investigator: S.M. Hong (smhong@kordi.re.kr)

- Volcaniclastic sedimentation of South Shetland Islands
 - Region: Deception Island, King George Island, Nelson Island
 - Principal Investigator: M.Y. Choe (mychoe@kordi.re.kr)
- Antarctic marine living resources focused on krill
 - Region: Around South Shetland Islands
 - Period: November 20, 2003 - January 3, 2004
 - Principal Investigator: H.C. Shin (hcshin@kordi.re.kr)
- Primary productivity in the Antarctic Sea
 - Region: Around South Shetland Islands
 - Principal Investigator: J.S. Park (jspark@kordi.re.kr)
- Microbial diversity and chitinase
 - Region: Around South Shetland Islands
 - Principal Investigator: K.J. Park (monet@kordi.re.kr)
- Ozone and atmospheric research
 - Region: Around South Shetland Islands
 - Principal Investigator: B.Y. Lee (bylee@kordi.re.kr)
- Sediment trap and surface pCO₂ with biological pump in Southern Ocean
 - Region: Drake Passage and Bellingshausen Sea
 - Principal Investigator: D.S. Kim (dskim@kordi.re.kr)
- Paleoclimatic change
 - Region: Drake Passage and Bellingshausen Sea
 - Principal Investigator: H.I. Yoon (hiyoon@kordi.re.kr)
- Geomagnetic survey in Weddell Sea
 - Region: Weddell Sea
 - Principal Investigator: S.H. Nam (shnam@kordi.re.kr)

B. Vessels

R/V Yuzhmorgeologiya

- Flag state: Russia
- Operator: CGGE International, USA
- Number of voyage: 1
- Departure/arrival dates: November 20, 2003 to January 2, 2004
- Departure/arrival port: Punta Arenas, Chile
- Areas of operation
 - Nov 20 Punta Arenas
 - Nov 21-28 Drake Passage
 - Nov 28-30 King George Island
 - Nov 30-Dec 12 Bellingshausen Sea
 - Dec 13-14 King George Island

- Dec 15-28 Weddell Sea
- Dec 29-30 King George Island
- Dec 31-Jan 1 Drake Passage
- Jan 2 Punta Arenas
- Purpose of voyage: Oceanographic survey and resupply

AHTS Luma

- Flag state: Chile
- Operator: Ultratig International Inc., Chile
- Number of voyage: 1
- Departure/arrival dates: December 1, 2003 to December 10, 2003
- Departure/arrival port: Punta Arenas, Chile
- Areas of operation
 - Dec 1 Punta Arenas
 - Dec 2-4 Drake Passage
 - Dec 5-6 King George Island
 - Dec 7-9 Drake Passage
 - Dec 10 Punta Arenas
- Purpose of voyage: Fuel supply

C. Aircraft

- Korea does not operate its own aircrafts in Antarctica
- A few manpower is transported by the Chilean C-130.
 - Punta Arenas to King George Island
 - Nov 25 16 person
 - Nov 26 19 person
 - Nov 28 5 person with 3 ton of cargo
 - Dec 7 9 person
 - Jan 6 10 person
 - Jan 8 8 person
 - King George Island to Punta Arenas
 - Dec 7 24 person
 - Jan 7 10 person
 - Feb 24 8 person

D. Science Rockets

- None

E. Military

- None

Non-governmental Expeditions

A. Ship-based Operations

- None

B. Land-based Operations

Munhwa Broadcasting Corporation

- Transportation: R/V Yuzhmorgeologiya
- Type of activity: Taking a picture for scientific documentary
- Location: King George Island
- Dates of expedition: Nov 26, 2003 – Dec 31, 2004
- Number of personnel: 4 person
- Contact address: mbcsc@hanmail.net
- Web-site address: <http://www.imbc.com/>

II. Visit to Protected Areas

- None

III. Emergency Contacts

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