

# Operational Information

2001/2002 Pre-Season

New Zealand

## Year Round Facility

### Scott Base

- **Region:** Ross Island, McMurdo Sound
  - **Latitude:** 77°51'00"S
  - **Longitude:** 166°45'46"E
  - **Date opened:** 25 January 1957.
  - **Maximum population:** 85 person (summer), average 10 person (winter)
  - **Medical support:** Scott Base has a first aid facility. Advanced medical care is available at McMurdo Station (United States Antarctic Program).
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## Summer Field Camp

- Not applicable.
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## Refuge Huts

### Cape Royds Hut

- **Region:** Cape Royds, Ross Island
- **Latitude:** 77°33'S
- **Longitude:** 166°10'E
- **Medical facilities:** Survival box
- **Accommodation capacity:** 2 person

### Cape Evans Hut

- **Region:** Cape Evans on the west coast of Ross Island at northern entrance to Erebus Bay
- **Latitude:** 77°38'S
- **Longitude:** 166°24'E
- **Medical facilities:** Survival box
- **Accommodation capacity:** 4 person

### Lower Wright Hut

- **Region:** South side of Wright Valley (approximately 1 mile west of Wright Lower Glacier)
- **Latitude:** 77°26'S
- **Longitude:** 162°37'E
- **Medical facilities:** Survival box
- **Accommodation capacity:** 2 person

### Bratina Island Hut

- **Region:** Near northern tip of Brown Peninsula
- **Latitude:** 78°01'S
- **Longitude:** 165°32'E
- **Medical facilities:** Survival box
- **Accommodation capacity:** 12 person

### Cape Bird Hut

- **Region:** Adjacent to Adelie penguin rookeries at northern tip of Macdonalds Beach
- **Latitude:** 77°14'S
- **Longitude:** 166°28'E
- **Medical facilities:** Survival box
- **Accommodation capacity:** 8 person

### Lake Vanda

- **Region:** Three relocatable huts opposite former site of Vanda Station, near the mouth of the Onyx River
- **Latitude:** 77°31'S
- **Longitude:** 161°40'E
- **Medical facilities:** Survival box
- **Accommodation capacity:** 8 person

### Cape Roberts

- **Region:** Situated on promontory on south east edge of Granite Harbour
- **Latitude:** 77°02'S
- **Longitude:** 163°12'E
- **Medical facilities:** Survival box
- **Accommodation capacity:** 4 person

### **Cape Hallett**

- **Region:** Adelie penguin rookery on Seabee Hook
  - **Latitude:** 72°19'S
  - **Longitude:** 170°16'E
  - **Medical facilities:** Survival box
  - **Accommodation capacity:** 6 persons
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## **Major Field Activities**

### **K114 – Seismic and Reconnaissance Survey for Stratigraphic Drill Sites**

- **Region:** New Harbour / Windless Bight / Brown Penn
- **Latitude:** 78°20'S
- **Longitude:** 166°20'E

### **K131 – Sea Ice and Southern Ocean Processes**

- **Region:** Cape Evans / Scott Base
- **Latitude:** 77°38'S
- **Longitude:** 166°24'E

### **K081 – Ecology of Coastal Benthic Communities in Antarctica**

- **Region:** New Harbour / Cape Evans / Bratina Island
  - **Latitude:** 77°36'S (New Harbour) / 77°38'S (Cape Evans) / 78°01'S (Bratina Island)
  - **Longitude:** 163°51'E (New Harbour) / 166°24'E (Cape Evans) / 163°32'E (Bratina Island)
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## **Vessels**

- Not applicable.
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## Aircraft

### C130H Hercules

- **Number and type of aircraft:** 2 x C130H Hercules
- **Planned number of flights:** 15
- **Period of flights:** 15 November – 10 December 2001 (12 flights) and 24-29 January 2002 (3 flights)
- **Routes:** Christchurch/McMurdo and McMurdo/Christchurch
- **Purpose:** Delivery of personnel and essential supplies from New Zealand to Ross Island.

### Bell 212

- **Number and type of aircraft:** 1 x Bell 212
- **Planned number of flights:** Various
- **Period of flights:** 6 November 2001 – 30 January 2003
- **Routes:** Operations within 100 n.m. of Scott Base
- **Purpose:** Delivery of personnel and supplies from Scott Base to field camp sites.

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## Science Rockets

- Not applicable.

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## Military

Number	Rank
1	Wing Commander
4	Squadron Leader
1	Major
5	Flying Officer
11	Flight Lieutenant
3	Lieutenant
1	Pilot Officer
1	Chief Petty Officer
2	Sergeant Engineer
3	Flight Sergeant Engineer
2	Master Air Load Master
5	Sergeant Air Load Master
2	Flight Sergeant Air Load Master
3	Sergeant
4	Corporal
3	Mechanical Engineer
6	Lance Corporal
1	Able Communications Operator
3	Sapper
2	Leading Aircraft Person

- 3 Private
- 1 Able Weapons Person
- 1 Leading Musician
- 1 Aircraft Person

- **Number and type of personal armaments carried:** Nil
- **Number and type of armaments on ships and aircraft:** Nil
- **List of armaments on stations/bases:** Nil

## Ship-Based Operations

### Akademik Shokalskiy

- **Operator:** Heritage Expeditions (The Robert Falcon Scott Memorial Expedition Voyage #1894)
- **Flag state:** Russia
- **Number of voyages:** 2
- **Ports of departure/arrival:** Hobart (5 January 2002) to Bluff (2 February 2002)
- **Areas of operation:**

15 Jan 2002	Cape Adare
16 Jan 2002	Possession Island
17 Jan 2002	Terra Nova Bay Station
17 Jan 2002	Inexpressible Island
19 Jan 2002	Cape Bird
19 Jan 2002	Cape Evans
20 Jan 2002	Cape Royds
21 Jan 2002	Franklin Island
22 Jan 2002	Cape Hallett
  
- **Operator:** Heritage Expeditions (The Robert Falcon Scott Memorial Expedition Voyage # 1895)
- **Ports of departure/arrival:** Bluff (4 February 2002) to Bluff (27 February 2002)
- **Areas of operation:**

11 Feb 2002	Cape Adare
16 Feb 2002	Cape Bird
14 Feb 2002	Cape Evans
16 Feb 2002	Franklin Island
12 Feb 2002	Cape Hallett
15 Feb 2002	Cape Royds
13 Feb 2002	Terra Nova Bay

## Kapitan Khlebnikov

- **Operator:** Quark Expeditions (The Lords of Antarctica KLB 251101)
- **Flag state:** Russia
- **Number of voyages:** 3
- **Antarctic ports of departure/arrival:** Hobart (24 November 2001) to Hobart (19 December 2001)
- **Areas of operation:**

9 Dec 2001	Cape Adare
7 Dec 2001	Coulman Island
5 Dec 2001	Drygalski Ice Tongue
8 Dec 2001	Cape Hallett
8 Dec 2001	Cape Roget
4 Dec 2001	Cape Washington
- **Operator:** Quark Expeditions (Farthest South KLB 271201)
- **Ports of departure/arrival:** Hobart (26 December 2001) to Lyttelton (20 January 2002)
- **Areas of operation:**

3 Jan 2002	Cape Adare
3 Jan 2002	Drygalski Ice Tongue
5 Jan 2002	B15A Iceberg
6 Jan 2002	Cape Royds
6 Jan 2002	Cape Evans
7 Jan 2002	Canada Glacier
8 Jan 2002	McMurdo Station
8 Jan 2002	Scott Base
9 Jan 2002	Franklin Island
10 Jan 2002	Campbell Glacier
10 Jan 2002	Terra Nova Bay
12 Jan 2002	Cape Hallett
- **Operator:** Quark Expeditions (Great Explorers)
- **Ports of departure/arrival:** Lyttelton (19 January 2001) to Hobart (12 February 2002)
- **Areas of operation:**

27 Jan 2002	Cape Hallett
28 Jan 2002	Inexpressible Island
28 Jan 2002	Campbell Glacier
28 Jan 2002	Terra Nova Bay
29 Jan 2002	Drygalski Ice Tongue
29 Jan 2002	B15A Iceberg
29 Jan 2002	Franklin Island
30 Jan 2002	Cape Royds
30 Jan 2002	Cape Evans
30 Jan 2002	Canada Glacier
31 Jan 2002	McMurdo Station

31 Jan 2002  
1 Feb 2002  
2 Feb 2002

Scott Base  
Ironside Glacier  
Cape Adare

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### **Land-Based Operations**

- Nil

# Protected Areas

## 2001/2002 Pre-Season

New Zealand

### Visits to Protected Areas

#### Arrival Heights SSSI No. 2

Event Number	Number authorised	Dates	Purpose
K055	4	14-29/01/02	Equipment maintenance
K069	2	12-25/01/02	Equipment maintenance
K085	4	Year round visits	Equipment maintenance
K085	1	14/10/01	Recreation/familiarisation
K087	1	Year round visits	Equipment maintenance
K089	1	24/01/02	Equipment maintenance
K391C	5	01/11/01	Education
K392	6	25/10/01	Official Visitors
K392	7	01/11/01	Official Visitors
K394RT	1	22/11/01	Artist
K396	8	28/12/01	Education
K407C	7	24/11/01	Recreation/familiarisation

#### Beaufort Island SPA No. 5

Event Number	Number authorised	Dates	Purpose
K122A	2	07/01/01	Adélie penguin research

#### Botany Bay SSSI No. 37

Event Number	Number authorised	Dates	Purpose
K024	3	14-26/11/02	Equipment maintenance

#### Cape Crozier SSSI No. 4

Event Number	Number authorised	Dates	Purpose
K023	4	06/03/02	Soil sampling

## Cape Evans SPA No. 25

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K012	4	02/12/01	Recreation/familiarisation
K021	6	10-14/01/02	Microbiological sampling
K042	2	25/11/01	Recreation/familiarisation
K047	1	25/11/01	Recreation/familiarisation
K049	2	09/12/01	Recreation/familiarisation
K054	3	25/11/01	Recreation/familiarisation
K054	1	09/12/01	Recreation/familiarisation
K054	1	23/12/01	Recreation/familiarisation
K057	5	18/11/01	Recreation/familiarisation
K059	5	21/10/01	Recreation/familiarisation
K061	1	25/11/01	Recreation/familiarisation
K061	2	23/12/01	Recreation/familiarisation
K062	2	25/11/01	Recreation/familiarisation
K064	1	23/12/01	Recreation/familiarisation
K073	2	14/10/01	Recreation/familiarisation
K081	7	27/11/01	Recreation/familiarisation
K085	1	25/11/01	Recreation/familiarisation
K114	1	25/11/01	Recreation/familiarisation
K114	1	14/10/01	Recreation/familiarisation
K114	3	04/11/01	Recreation/familiarisation
K122A	7	02/12/02	Recreation/familiarisation
K131	1	14/10/01	Recreation/familiarisation
K131	1	30/10/01	Recreation/familiarisation
K131	2	18/11/01	Recreation/familiarisation
K136	6	04/11/01	Recreation/familiarisation
K136	6	29/10/01	Recreation/familiarisation
K136	6	04/11/01	Recreation/familiarisation
K201	3	06/12/01	Recreation/familiarisation
K282	6	15-24/01/02	Heritage Conservation
K294	3	14/11/01	Media
K294	1	18/11/01	Media
K302	4	09/12/01	Recreation/familiarisation
K302	1	23/12/01	Recreation/familiarisation
K304	8	04/11/01	Recreation/familiarisation
K304	4	12/11/01	Recreation/familiarisation
K352B	3	21/10/01	Recreation/familiarisation
K352B	3	21/10/01	Recreation/familiarisation
K360	1	16/10/01	Recreation/familiarisation
K360	1	21/10/01	Recreation/familiarisation
K391A	5	27/11/01	Education
K391B	4	08/11/01	Education
K391B	1	12/11/01	Education
K391C	4	02/11/01	Education
K391D	5	05/02/02	Education

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K392	6	25/10/01	Official Visitors
K392	8	30/10/01	Official Visitors
K393JF	1	08/11/01	Media
K393JF	1	12/11/01	Media
K393KG	1	03/11/01	Media
K393KH	1	08/11/01	Media
K393VM	1	18/11/01	Media
K393VM	1	25/11/01	Recreation/familiarisation
K394AN	1	18/01/02	Artist
K394DC	5	06/12/01	Artist
K394JH	3	14-17/11/01	Artist
K394MN	1	08/11/01	Artist
K394MN	1	12/11/01	Artist
K394RT	1	18/11/01	Artist
K396	13	22/12/01	Education
K396	13	23/12/01	Education
K400	1	21/10/01	Recreation/familiarisation
K400	5	29/10/01	Recreation/familiarisation
K400	2	02/11/01	Recreation/familiarisation
K401	2	21/10/01	Recreation/familiarisation
K401	1	02/11/01	Recreation/familiarisation
K401	2	12/11/01	Recreation/familiarisation
K401	3	18/11/01	Recreation/familiarisation
K401	2	06/12/01	Recreation/familiarisation
K401	2	09/12/01	Recreation/familiarisation
K401	3	22/12/01	Recreation/familiarisation
K401	2	23/12/01	Recreation/familiarisation
K402	8	12/09/01	Recreation/familiarisation
K402	3	21/09/01	Recreation/familiarisation
K402	3	14/10/01	Recreation/familiarisation
K402	1	02/11/01	Recreation/familiarisation
K402	1	04/11/01	Recreation/familiarisation
K402	1	06/12/01	Recreation/familiarisation
K402	2	09/12/01	Recreation/familiarisation
K402	2	22/12/01	Recreation/familiarisation
K402	1	23/12/01	Recreation/familiarisation
K407A	2	16/10/01	Inspection/monitoring
K407A	1	24/10/01	Recreation/familiarisation
K407C	8	25/11/01	Recreation/familiarisation
K550	2	06/12/01	Recreation/familiarisation

**Cape Royds SPA No. 27**

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K012	4	02/12/01	Recreation/familiarisation
K021	6	8-10/01/02	Microbiological sampling
K042	2	25/11/01	Recreation/familiarisation
K047	1	25/11/01	Recreation/familiarisation
K049	2	09/12/01	Recreation/familiarisation
K054	3	25/11/01	Recreation/familiarisation
K054	1	09/12/01	Recreation/familiarisation
K054	1	23/12/01	Recreation/familiarisation
K057	5	18/11/01	Recreation/familiarisation
K059	5	21/10/01	Recreation/familiarisation
K061	1	25/11/01	Recreation/familiarisation
K061	2	23/12/01	Recreation/familiarisation
K062	2	25/11/01	Recreation/familiarisation
K064	1	23/12/01	Recreation/familiarisation
K073	2	14/10/01	Recreation/familiarisation
K081	7	27/11/01	Recreation/familiarisation
K085	1	25/11/01	Recreation/familiarisation
K114	1	25/11/01	Recreation/familiarisation
K114	1	14/10/01	Recreation/familiarisation
K114	3	04/11/01	Recreation/familiarisation
K122A	3	02/12/02	Recreation/familiarisation
K131	1	14/10/01	Recreation/familiarisation
K131	2	18/11/01	Recreation/familiarisation
K136	4	29/10/01	Recreation/familiarisation
K201	3	05/12/01	Recreation/familiarisation
K282	7	26/01-02/02/02	Heritage Conservation
K294	1	18/11/01	Recreation/familiarisation
K300	4	23/12/01	Recreation/familiarisation
K302	4	09/12/01	Recreation/familiarisation
K302	1	23/12/01	Recreation/familiarisation
K304	8	04/11/01	Recreation/familiarisation
K304	4	12/11/01	Recreation/familiarisation
K352B	3	21/10/01	Recreation/familiarisation
K360	1	21/10/01	Recreation/familiarisation
K391A	5	27/11/01	Education
K391B	1	04/11/01	Recreation/familiarisation
K391C	4	02/11/01	Education
K391D	5	05/02/02	Education
K392	6	24/10/01	Official Visitors
K393JF	1	04/11/01	Media
K393KG	1	03/11/01	Media
K393VM	1	18/11/01	Media
K393VM	1	25/11/01	Media

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K394AN	1	17/01/02	Artist
K394DC	2	05/12/01	Artist
K394JH	3	17/01/02	Artist
K394MN	1	12/11/01	Artist
K394RT	1	18/11/01	Artist
K400	1	21/10/01	Recreation/familiarisation
K400	5	29/10/01	Recreation/familiarisation
K400	2	02/11/01	Recreation/familiarisation
K401	2	14/10/01	Recreation/familiarisation
K401	2	21/10/01	Recreation/familiarisation
K401	1	02/11/01	Recreation/familiarisation
K401	2	04/11/01	Recreation/familiarisation
K401	3	18/11/01	Recreation/familiarisation
K401	2	06/12/01	Recreation/familiarisation
K401	2	09/12/01	Recreation/familiarisation
K401	3	22/12/01	Recreation/familiarisation
K401	2	23/12/01	Recreation/familiarisation
K401	2	14/10/01	Recreation/familiarisation
K402	8	12/09/01	Recreation/familiarisation
K402	3	21/09/01	Recreation/familiarisation
K402	3	14/10/01	Recreation/familiarisation
K402	1	02/11/01	Recreation/familiarisation
K402	1	04/11/01	Recreation/familiarisation
K402	1	06/12/01	Recreation/familiarisation
K402	2	09/12/01	Recreation/familiarisation
K402	3	22/12/01	Recreation/familiarisation
K402	1	23/12/01	Recreation/familiarisation
K407C	8	25/11/01	Recreation/familiarisation
K550	2	06/12/01	Recreation/familiarisation

**Cryptogram Ridge SPA No. 22**

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K407D	4	23/01/02	Inspection/monitoring, Surveying

## Hut Point SPA No. 28

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K012	1	20/12/01	Recreation/familiarisation
K015	2	17/12/01	Recreation/familiarisation
K021	4	06/01/02	Microbial sampling
K024	3	28/11/01	Recreation/familiarisation
K052	5	20/01/02	Recreation/familiarisation
K061	3	26/12/01	Recreation/familiarisation
K062	1	20/12/01	Recreation/familiarisation
K062	3	26/12/01	Recreation/familiarisation
K064	3	18/12/01	Recreation/familiarisation
K064	2	18/12/01	Recreation/familiarisation
K081	1	15/01/02	Recreation/familiarisation
K087	1	24/01/02	Recreation/familiarisation
K114	2	01/11/01	Recreation/familiarisation
K114	4	15/11/01	Recreation/familiarisation
K136	6	08/11/01	Recreation/familiarisation
K201	3	07/12/01	Recreation/familiarisation
K282	3	7-11/01/02	Heritage Conservation
K282	4	22/01/02	Official Visitors
K302	2	05/12/01	Recreation/familiarisation
K302	2	01/01/02	Recreation/familiarisation
K302	3	08/12/01	Recreation/familiarisation
K305	2	07/01/02	Recreation/familiarisation
K360	1	24/10/01	Recreation/familiarisation
K360	1	29/01/02	Recreation/familiarisation
K360	3	30/01/02	Recreation/familiarisation
K391A	5	23/11/01	Education
K391B	4	07/11/01	Education
K391C	4	31/10/01	Education
K391D	3	31/01/02	Education
K392	4	25/10/01	Official Visitors
K392	6	01/11/01	Official Visitors
K393KG	1	03/11/01	Media
K393KH	1	07/11/01	Media
K393KH	1	07/11/01	Media
K393VM	2	15/11/01	Media
K394AN	1	15/01/02	Artist
K394DC	2	05/12/01	Artist
K394DC	2	04/11/01	Recreation/familiarisation
K394JH	3	13/01/02	Artist
K394JH	3	14/01/02	Artist
K394JH	3	20/01/02	Artist
K394MN	1	07/11/01	Artist
K394RT	2	13/11/01	Artist

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K396	9	26/12/01	Education
K396	12	27/12/01	Education
K400	1	24/10/01	Equipment maintenance
K400	1	30/01/02	Recreation/familiarisation
K401	2	14/10/01	Recreation/familiarisation
K401	2	21/10/01	Recreation/familiarisation
K401	2	12/11/01	Recreation/familiarisation
K401	1	16/11/01	Recreation/familiarisation
K401	4	27/12/01	Recreation/familiarisation
K401	1	06/01/02	Recreation/familiarisation
K401	2	14/04/02	Recreation/familiarisation
K402	2	14/04/02	Recreation/familiarisation
K407A	5	18/10/01	Recreation/familiarisation
K407C	8	27/11/01	Official Visitors
K407D	2	25/01/02	Surveying
K407D	2	28/01/02	Surveying
K550	2	03/12/01	Recreation/familiarisation
K550	3	07/12/01	Recreation/familiarisation
K550	1	18/12/01	Recreation/familiarisation

#### **Mount Melbourne SSSI No. 24**

<b>Event Number</b>	<b>Number authorised</b>	<b>Dates</b>	<b>Purpose</b>
K407D	4	22/01/02	Surveying
K407D	4	23/01/02	Inspection/monitoring, Surveying