

# **ANTARCTICA NEW ZEALAND**

## **Advance Exchange of Operational Information on Antarctic Activities for 2001/2002 Season**

Country:

New Zealand

Date Submitted:

18 October 2001

## **Section 1 - Ship Operations**

- (a) **Ships to be operating in the Antarctic**  
Nil
- (b) **Brief details of proposed itineraries**  
Not applicable

## **Section 2- Air Operations**

- (a) **Aircraft Operations**  
See attached sheets
- (b) **Antarctic Flight Information (AFIM)**  
Updates attached: Nil

## **Section 3 - Stations**

- (a) **New stations or refuges not previously notified**  
Nil
- (b) **Stations closed or refuges abandoned and not previously notified**  
Nil

## **Section 4 - Logistics Activities Affecting Other Nations**

- (a) The joint pooling of logistic resources with the United States Antarctic Program, and Italian Antarctic Programme, between New Zealand and Antarctica, and within Antarctica will continue during the 2001/2002 season.

## **Section 5 - Major Field Activities**

- (a) Nil

## **Section 6 - Other Antarctic Activities**

### **(a) Governmental**

#### **i United States of America**

The United States Antarctic Program will continue to transit through New Zealand using both aircraft (C130, C141, and C17) from Christchurch and ships, from Port Lyttelton in support of continental operations from August 2001 to March 2002.

#### **ii Italy**

The official Italian Government Antarctic Research expedition is expected to depart from New Zealand, for Terra Nova Bay in October/November 2001, using both C130 aircraft and ship transport.

### **(b) Non-Governmental**

#### **i Planned Tourist Cruises to Ross Dependency**

See attached sheet.

## **Section 7 – Contact Information**

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**INFORMATION ON PLANNED AIR OPERATIONS IN ANTARCTICA FOR  
PERIOD COMMENCING 1 OCTOBER 2001 TO 30 SEPTEMBER 2002**

**CONTACT INFORMATION  
AIR OPERATIONS**

**Part A**

<b>Country</b>	<b>Operations/Logistics Contact Officers</b>	<b>Position</b>	<b>Office Telephone/Fax/E-mail</b>
<b>NEW ZEALAND</b>  Address for correspondence: ANTARCTICA NEW ZEALAND Private Bag 4745 Christchurch NEW ZEALAND	Mr Julian Tangaere	Operations Manager	+64 3 358 0200 +64 3 358 0211 j.tangaere@antarcticanz.govt.nz
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**Part B**

It is intended to conduct air operations in Antarctica during the forthcoming summer season for which the following information sheets are attached:

- Part 1            Intercontinental Operations
- Part 2            Continental Operations
- Part 5            Aircraft Description

**Part C**

	<b>Station</b>	<b>Lat/Long</b>	<b>INMARSAT Nos</b>
<b>Primary Air Information Stations</b>	Scott Base	77°51'S 166°45'E	<b>INMARSAT not available</b> Public Switched Telephone Network Phone No: +64 2 409 6700 Facsimile: +64 2 409 6705
<b>Secondary Air Information Stations</b>	N/A		

### Part 1 - Inter-Continental Flights

<b>Route</b>	<b>No. of Flights</b>	<b>Flight Level or Altitude (ft/m)</b>	<b>Approximate Date or Period of Flight(s)</b>	<b>No. and Type of Aircraft per Flight</b>
Christchurch – McMurdo	15	Up to F/L 300	15 November – 10 December 2000 (12 flights)	2 x C130H Hercules
McMurdo – Christchurch			24-29 January 2001 (3 flights)	

### Part 2 - Continental Flights

<b>Route</b>	<b>No. of Flights</b>	<b>Flight Level or Altitude (ft/m)</b>	<b>Approximate Date or Period of Flight(s)</b>	<b>No. and Type of Aircraft per Flight</b>
Operations within 100 n.m. of Scott Base	Various	Up to 12000 ft	6 November 2000 – 30 January 2001	1 x Bell 212

## Part 5 - Aircraft Description

Full Name of Aircraft	Short Name	F/R [a]	W/S [b]	No. of Aircraft	Flight Level or Altitude (ft/m) [c]	Pax Capacity	Radio Equipment	Navigation Equipment	Max Range (nm)	Type of Fuel Used	SAR Equipment
Hercules	C130H	F	W	1	Up to F/L 300	60	VHF FM/AM UHF HF	INS ONS VOR/DME TACAN ADF	3000	Jet A1 JP4 JP5 JP8	UHF D/F VHF FM D/F Alpine Survival Pack 406 MHz beacon
Bell 212	Bell 212	R	-	1	Up to 12000 ft	9	VHF FM/AM UHF HF	VOR ADF GPS	200 n.m. (normal) 350 n.m. (with auxiliary fuel tank)	Jet A1 JP4 JP5 JP8	Alpine Survival Pack UHF D/F VHF FM D/F 406 MHz Beacon

[a] Fixed (f) or rotary (R)

[b] Wheeled (W) or ski (S) equipped

[c] Refer to Notes under Section 2

[d] For helicopters, also indicate maximum range over water (in brackets)

## Tour Ship Itineraries 2001/2002

### Voyages

#### *Kapitan Khlebinkov (Quark)*

1. (Sub Antarctic only)	24 Nov-19 Dec	Hobart to Hobart
2. Farthest South	26 Dec-20 Jan	Hobart to Lyttleton
3. Great Explorers	19 Jan-12 Feb	Lyttleton to Hobart

#### *Akademik Shokalskiy (Heritage Expeditions)*

1. (Sub Antarctic only)	21 Nov-9 Dec	Bluff to Dunedin
2. (Sub Antarctic only)	8 Dec-22Dec	Dunedin to Hobart
3. (Tasmania)	23-29 Dec	Hobart to Hobart
4. (Tasmania)	30 Dec-5 Jan	Hobart to Hobart
5. Scott Memorial Exp. 1	5 Jan-2 Feb	Hobart to Bluff
6. Scott Memorial Exp. 2	3-27 Feb	Bluff to Bluff

#### *Sir Hubert Wilkins (Ocean Frontiers)*

1. (Bass Strait)	24 Nov-4 Dec	Hobart to Hobart
2. (Australian Antarctic)	15 Dec-10 Jan	Hobart to Hobart
3. Voyage III (Ross Sea)	19 Jan-24 Feb	Hobart to Hobart
4. (Bass Strait)	10 Mar-29 Mar	Hobart to Sydney

### Itineraries

#### *Kapitan Khlebinkov "Voyage to the Farthest South"*

27 Dec	Depart Hobart
30-31 Dec	Macquarie Is
2-3 Jan	Balleny Is
4 Jan	Cape Adare
5-13 Jan	Ross Sea region: Terra Nova Bay Cape Royds & Evans Dry Valleys Ice Shelf

	McMurdo & Scott Base
	Cape Hallett
17 Jan	Campbell Is
18 Jan	Enderby Is
20 Jan	Lyttleton

*Kapitan Khlebinkov* "The Great Explorers"

20 Jan	Depart Lyttleton
21-22 Jan	Auckland Is
23 Jan	Campbell Is
27 Jan	Cape Adare
28 Jan-4 Feb	Ross Sea region: Possession Is Franklin Is Terra Nova Bay, Drygalski Ice Tongue Dry Valleys Cape Royds & Evans Coulman Is Cape Hallett
5-7 Feb	Balleny Is
8-9 Feb	Macquarie Is
12 Feb	Hobart

*Akademik Shokalskiy* "The Robert Falcon Scott Memorial Expedition" Voyage # 1894

5 Jan	Depart Hobart
9-10 Jan	Macquarie Is
15 Jan	Cape Adare
16 Jan	Coulman Is, Cape Hallett
17 Jan	Terra Nova Bay
18 Jan	Drygalski Ice Tongue
19 Jan	McMurdo Station, Scott Base
20 Jan	Cape Bird, Ross Ice Shelf
21 Jan	Franklin Is
22 Jan	Possession Is
28 Jan	Campbell Is
30-31 Jan	Auckland Is
1 Feb	Snares Is
2 Feb	Bluff

*Akademik Shokalskiy* "The Robert Falcon Scott Memorial Expedition" Voyage # 1895

4 Feb	Depart Bluff
6 Feb	Campbell Is
11 Feb	Cape Adare
12 Feb	Possession Is, Cape Hallett
13 Feb	Terra Nova Bay
14 Feb	Franklin Is, Cape Bird
15 Feb	Cape Evans and Royds
19 Feb	Coulman Is
25 Feb	Auckland Is
27 Feb	Bluff

*Sir Hubert Wilkins Voyage III*

19 Jan	3 Hour Compulsory Briefing 2.30pm
20 Jan	Boarding 9-10am Depart Ross Sea 11am
29 Jan	Arrive Cape Adare
30 Jan	Arrive Cape Hallett
3 Feb	Arrive Ross Island
11 Feb	Depart Ross Island
14 Feb	Arrive Cape Adare / Cape Hallett
20 Feb	Arrive Macquarie Island
21 Feb	Depart Macquarie Island for Hobart
24 Feb	Arrive Hobart 12 noon