



The refuge on the north coast of Hop Island, looking northwards. A southern fulmar colony is visible on the cliffs beyond the refuge. The Sørsdal Glacier is in the distance to the north-east and the Vestfold Hills are just visible beyond. Photo: Tony Howard



Adélie penguin colonies on the north-west coast of Hop Island, looking south-westward. Photo: Tony Howard



Photograph taken from a helicopter over the southern Rauer Group looking eastwards with Lokot Island in the foreground, Mather Peninsula in the background and the continental ice cap rising in the distance. Photo: R. Williams



Site of the depot on Macey Peninsula, southern Rauer Group, looking north-east towards the mainland. Photo: Rob Easther

WARNING
The position of this marked route is approximate and is known to pass through crevasses/areas

LEGEND

Contours on ice	.....
Contours on ice-free area	.....
Elevation on rock	.....	154
Elevation on ice	.....	112
Glacier front	.....
Ice cliff or escarpment (inland)	.....
Ice wall or ice cliff (coastal)	.....
Lake	.....
Ice-free area	.....
Control station (monumented)	.....
Control station (not monumented)	.....
Astronomical station (monumented)	.....
Astronomical station (not monumented)	.....
Refuge	.....
Adélie penguin rookery	.....
Fulmar / petrel colonies	.....
Oversnow route (marked)	.....
Proven camp site accessible from sea ice	.....

WARNING
CREVASSES ARE NOT SHOWN ON THIS MAP

Grid convergence 2.7"
Grid/Magnetic Angle 69.3"

This north, grid north and magnetic north are shown diagrammatically for the position of Mather Peninsula
UTM Zone 43
Magnetic north is correct for 1992 and moves easterly by about 0.3" each year.

HOW TO QUOTE A GRID REFERENCE FOR A PARTICULAR POINT
Grid lines are at 1000 metre intervals
Eg. Hop Island Refuge

- Quote this map RAUER GROUP
- Locate the VERTICAL grid line to the left of the point 08
- Estimate tenths of kilometres from the grid line to the point 4
- Locate the HORIZONTAL grid line below the point 63
- Estimate tenths of kilometres from the grid line to the point 4

Thus the reference for Hop Island Refuge is: RAUER GROUP 084634

AUSTRALIAN ANTARCTIC TERRITORY

Rauer Group

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ANTARCTICA

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AUSTRALIAN ANTARCTIC DIVISION

Coastline, rock/ice interface, contours on rock and spot heights have been produced from ANARE aerial photography dated 1960
Contours on ice have been derived from Russian maps

CONTOURS 10 metre interval on rock
..... 20 metre interval on ice up to 100 metres
..... 100 metre interval on ice above 100 metres

HORIZONTAL DATUM World Geodetic System 1984
VERTICAL DATUM Mean Sea Level

SCALE 1 : 50 000

km 1 0.5 0 1 2 3 km

UNIVERSAL TRANSVERSE MERCATOR PROJECTION
GRID ZONE 43
HEIGHTS ARE APPROXIMATE, IN METRES
Note: To convert heights obtained from GPS or Transit Doppler observations (ie heights above the WGS spheroid) to heights above sea level, subtract 18 metres

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