THE CLOUDMAKER

DUFEK COAST
ROSS DEPENDENCY ANTARCTICA

PROVISIONAL EDITION
SV 51–60, 4 1 : 250,000

POLAR STEREOGRAPHIC PROJECTION

SCALE

1 : 256,402 at 84° 30′ S. Lat.

Statute Miles 10 0 10 20

Kilometres 10 0 10 20 30 40

Nautical Miles 10 0 10 20

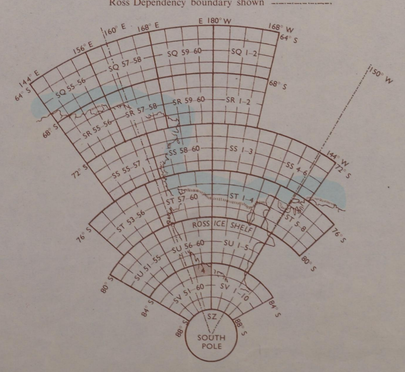
U.S. & N.Z. Station
U.S. occupied
U.S. intersected
N.Z. occupied
Trig. Station
Intersected or resected points
Principal points of trimetrogon aerial photographs
Flight & Run
Ice-free land
Ice covered land
Glaciers
Ridge lines
*Glacier front
*Moraine, scree
Routes taken by field parties

Crevassed areas
Ice falls
Cliffs or bluffs
Coastline definite
Coastline indefinite
Height in Metres 3368

*Denotes this feature does not appear on sheet

LOCALITY DIAGRAM

Ross Dependency boundary shown



Sheet lines based on I.M.W. series

PROJECTION
Polar Stereographic with Scale 1 : 250,000 at standard parallel 71° S. Lat.

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Published by the Dept., of Lands & Survey, N.Z. under the authority of R. P. Gough, Surveyor General.

R. E. Owen, Government Printer, Wellington, New Zealand.

COMPILATION

Compiled from ground surveys by:
N.Z. Geological & Survey 1959-60
Leaders: B. M. Gunn, M. Robb
N.Z. Alpine Club 1959-60
Leader: R. W. Cawley
N.Z. Geological & Survey 1961-62
Southern Party
Leader: W. W. Herbert
Northern Party
Leader: R. I. Walcott

and aerial photography

Aerial photography supplied by U.S. Geological Survey and flown by U.S. Navy Vx-6 Squadron

RELIABILITY

The positions of U.S. Geological Survey tellurometer traverse stations, established in 1961-62 in terms of Camp Area datum (Lat. 77° 50′ 52″·5 Long. 166° 40′ 13″·7) have been adopted for overall control purposes.

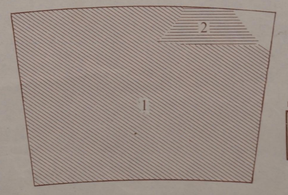
(1) N.Z. control stations have been fixed by astro observations and triangulation, adjusted to agree with one another and with the U.S.G.S. tellurometer traverse stations. Other points have been fixed by intersecting rays and photo theodolite panoramas from these control stations.

Additional details of ice formation and land form have been obtained from photo-theodolite panoramas and from U.S. aerial photography.

Heights have been determined by theodolite and aneroid barometer, checked against barometric readings supplied by support aircraft, and, where necessary, adjusted to agree with the heights of U.S.G.S. tellurometer traverse stations (datum: Mean sea level, McMurdo).

(2) Detail from U.S. aerial photography based on available limited control.

RELIABILITY DIAGRAM



2ND EDITION
MAR 1964

Refer to this map as:—

NZMS 166
SHEET
SV 51–604