SHACKLETON GLACIER

DUFEK COAST
ROSS DEPENDENCY ANTARCTICA

PROVISIONAL EDITION
SV 1-10.1 1 : 250,000

ROSS ICE SHELF
(50-100 metres above sea level)

DUFEK COAST

Coastline very indefinite

RAMSEY GLACIER

KOSCO GLACIER

O'Leary Peak

Mt Speed

McGinnis Peak

Mt Waite

Mt Franke

SHACKLETON GLACIER

WALDRON SPURS

Mt Cole

Mt McCue

Mt Munson

Mt Baker

Mt Skinner

TO BE MAPPED

Mt Llano

Numerous rocky peaks

Mt Dodge

Mt Wade

Mt Olivet

Mt Campbell

Mt Sellers

PRINCE OLAV MTS

Mt Henson

Mt Ferguson

LIV GLACIER

DUNCAN MTS

Byrd's Airplane Cache 1929

Byrd Polar Flight 1929

Mt Bennett

Mt Boyd

Mt Crohn

Mt Butters

Swithinbank Moraine

Taylor Nunatak

Mincey Glacier

ANDERSON HEIGHTS

BUSH MTS

QUEEN MAUD RANGE

Conversion Scale
Metres Feet

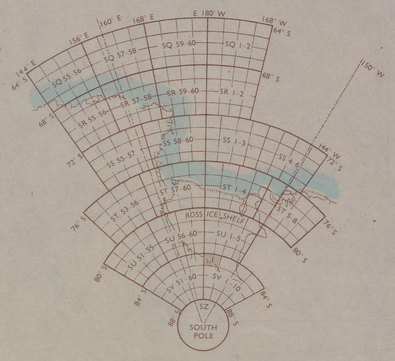
Astronomical Station
Trig. Station
Intersected or resected points
Principal points of trimetrogon aerial photographs
Flight & Run — Ant 14 Run 11
Ice-free land
Ice covered land
Glaciers
Ridge lines
*Glacier front
*Moraine, scree
Routes taken by field parties

Crevassed areas
Ice falls
*Cliffs or bluffs
Coastline definite
Coastline indefinite
Height in Metres — 1095

*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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COMPILATION

Compiled from ground surveys by:
N.Z. Geological & Survey 1961-62
Southern Party
Leader: W. W. Herbert
Surveyor: P. M. Otway

and aerial photography.

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

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

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

1ST EDITION
MAR 1964
Refer to this map as:
NZMS 166
SHEET
SV 1-10.1