HILLARY COAST
AUSTRALIAN ANTARCTIC TERRITORY
ROSS DEPENDENCY – ANTARCTICA

DARWIN GLACIER

ST 57-60. 9 MT HARMSWORTH

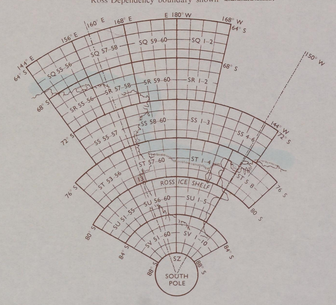
ST 57-60. 13 1 : 250,000

REFERENCE

- U.S. & N.Z. Astronomical Station
- U.S. Tellurometer Station (occupied)
- U.S. Intersected Station
- N.Z. Astronomical Station
- Trig Station
- Intersected or resected points
- Principal points of trimetrogen aerial photographs
- Mission & Run — Mission A1 Run 3
- Ice-free land
- Ice covered land
- Glaciers
- Ridge lines
- Glacier front
- Moraine, Scree
- Crevassed areas
- Icefalls
- Cliffs or bluffs
- Coastline definite
- Coastline indefinite
- Height in Metres — 3500
- Routes taken by field parties

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:
Trans Antarctic Expedition 1957–58
Leader Surveyor: R. A. Carlyon

and aerial photography:
Aerial photography supplied by U.S. Geological Survey and flown by U.S. Navy Vx–6 Squadron.

SCALE

1 : 254,847 at 79° 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

2ND EDITION
DEC 1965

Refer to this map as:—
NZMS 166
SHEET
ST 57-60. 13

ST 54-57,16

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