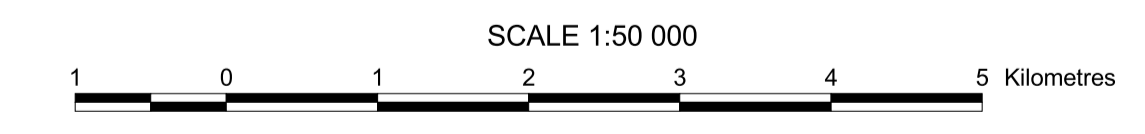
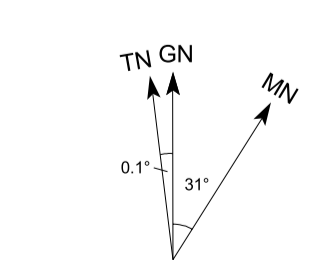


VHF RECEPTION ON MACQUARIE ISLAND

- LEGEND**
- VHF Reception
 - Channel 7
 - Channel 19
 - Channel 21
 - Channels 7 & 19
 - Channels 19 & 21
 - Walking track
 - Escarpment
 - Lake
 - Stream
 - Contour (20m interval draft contour; station inset: 10m interval contour)
 - 340 Spot height (GPS, height approximate)
 - 433 Spot height (DRWE database)
 - Dam
 - ANARE Station
 - ANARE Station building
 - Road
 - Aerial
 - Pole
 - Historic ANARE hut
- Avoid coastal travel during Summer between Rockhopper Point and Caroline Point on the west coast and Rainey Point and Hurd Point on the east coast to minimise wildlife disturbance.
- Difficult coastline to access. Should be avoided.
 - Dangerous coastline. Must be avoided.
- Bathymetry (m)**
- 0-100
 - 100-200
 - 200-300
 - 300-400
 - 400-500
 - 500-600
 - 600-700
 - 700-800
 - 800-900
 - 900-1000
 - 1000-1100
 - 1100-1200
 - 1200-1300
 - 1300-1400
 - 1400-1500
 - 1500-1600
 - 1600-1700
 - 1700-1800
 - 1800-1900
 - 1900-2000
 - 2000-2100
 - 2100-2200
 - 2200-2300
 - 2300-2400
 - 2400-2500
 - 2500-2600
 - 2600-2700
 - 2700-2800
 - 2800-2900
 - 2900-3000
 - 3000-3100
 - 3100-3200
 - 3200-3300
 - 3300-3400
 - 3400-3500
 - 3500-3600
 - 3600-3700
 - 3700-3800
 - 3800-3900
 - 3900-4000
 - 4000-4100
 - 4100-4200
 - 4200-4300
 - 4300-4400
 - 4400-4500
 - 4500-4600
 - 4600-4700
 - 4700-4800
 - 4800-4900
 - 4900-5000
 - 5000-5100
 - 5100-5200
 - 5200-5300
 - 5300-5400
 - 5400-5500
 - 5500-5600
 - 5600-5700
 - 5700-5800
 - 5800-5900
 - 5900-6000
 - 6000-6100
 - 6100-6200
 - 6200-6300
 - 6300-6400
 - 6400-6500
 - 6500-6600
 - 6600-6700
 - 6700-6800
 - 6800-6900
 - 6900-7000
 - 7000-7100
 - 7100-7200
 - 7200-7300
 - 7300-7400
 - 7400-7500
 - 7500-7600
 - 7600-7700
 - 7700-7800
 - 7800-7900
 - 7900-8000
 - 8000-8100
 - 8100-8200
 - 8200-8300
 - 8300-8400
 - 8400-8500
 - 8500-8600
 - 8600-8700
 - 8700-8800
 - 8800-8900
 - 8900-9000
 - 9000-9100
 - 9100-9200
 - 9200-9300
 - 9300-9400
 - 9400-9500
 - 9500-9600
 - 9600-9700
 - 9700-9800
 - 9800-9900
 - 9900-10000



PROJECTION: Universal Transverse Mercator
 ZONE: 57
 HORIZONTAL DATUM: World Geodetic System 1984
 VERTICAL DATUM: Mean Sea Level



REFUGES (HUTS)

Location	Latitude	Longitude	VHF Reception
Bauer Bay	54° 33.3' S	158° 52.6' E	Mt Elder 525W
Brothers Point	54° 34.4' S	158° 55.1' E	Mt Elder 525W
Eilat	54° 36.6' S	158° 50.9' E	Mt Elder SW
Green Gorge	54° 37.9' S	158° 53.9' E	Mt Elder 25W
Danks Point	54° 39.9' S	158° 49.9' E	Mt Jeffries 25W (hut)
Waverell Bay	54° 41.5' S	158° 51.9' E	Mt Jeffries SW
Triobunga	54° 41.7' S	158° 49.2' E	Mt Elder SW (only from 100m north of hut)
Windy Ridge	54° 44.0' S	158° 49.8' E	Mt Jeffries SW
Hurd Point	54° 46.3' S	158° 49.6' E	Mt Jeffries SW (no access from hut but ok from Hurd Point reef)



Produced by the Australian Antarctic Data Centre
 Australian Antarctic Division
 Department of the Environment and Heritage
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 Published June 2001

- NOTES:**
- The coverage shown is based on surveys carried out during 2000. Not all areas of the island were surveyed so the coverage may be greater than indicated.
 - Coverage areas may change if antennas at repeaters are replaced with low angle radiation types and/or isotropic whip antennas are used on hand held VHF's.
 - The areas shown indicate a minimum receive level of -113dBm into a helical "rubber duck" antenna.
 - Survey radio used was a Yaesu VX5 (5 Watts).
- Please email comments to: gis@aad.gov.au