



Drawn by S.C. Glover
Bathymetry by R.H. Herzer and L. Carter
Echo-soundings from M.V. Tanager, C.R.V. Tangaroa and the sounding collection of the N.Z. Oceanographic Institute from HMNZS Lochlan (data made available by the Hydrographic Branch, Navy Office, Ministry of Defence).
Coastline from Department of Lands and Survey NZMS 1 Sheets S49, S55, S56, S62, S68, S69, S76, S84, S85, S94, S95.
Compilation by R.H. Herzer and L. Carter.
Notes:
Projection: Mercator International (Hayford) Spheroid.
Soundings have been reduced to a nominal sound velocity of 1463 m/s and corrected for regional variations in sound velocity by Matthews Tables (1979) except soundings collected after 1980 in which case corrections were made from Tidal-sounding Correction Tables (1980) Hydrographic Department, Ministry of Defence, N.Z.
The chart lies within the limits of Admiralty Ocean Plotting Sheet (1:100 000) 475, N.Z. Oceanographic Institute Oceanic Series (1:100 000) "Bounty", and Matthews area 42.43. Inshore detail is not represented precisely on this scale. This chart is not to be used for navigational purposes. The area of this chart that abuts or overlaps other charts in the series may utilize new data and consequently supersede the earlier information.

REFERENCE

Bathymetry	Satellite fixed traverses
Depths in metres	Matthews areas: 42, 43
Vertical interval: 50m	Rocks
Down-slope direction:	Submerged: + +
Isobaths drawn thus:	Defined areas:
Intermediate isobaths:	Foul ground:
Shell edge:	Topography
Echo-sounding traverses:	Trigonometrical station and height in metres:

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RELIABILITY DIAGRAM

A: Lines of soundings 0.1-1.0 km apart
B: Lines of soundings 0.5-1.0 km apart
C: Lines of soundings 1.0-2.5 km apart
D: Lines of soundings 4.0-10 km apart

BATHYMETRIC TINTS

ADJOINING SHEETS