

Miscellaneous Publication New Zealand Oceanographic Institute 97

New Zealand Oceanographic Institute

LIST OF CHARTS

1985

(2nd Edition)



List of Available Charts

as at

1 June 1985

Compiled by R.M.C. Thompson

MISCELLANEOUS PUBLICATION 97

**New Zealand Oceanographic Institute
Division of Marine and Freshwater Science**

D.S.I.R.

Wellington

1985

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COASTAL SERIES	Bathymetry	1:200,000
	Sediments	1:200,000
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	Sediments	1:1,000,000
ISLAND SERIES	Bathymetry	1:200,000
LAKE SERIES	Bathymetry	Various scales
MISCELLANEOUS SERIES	Bathymetry	Various scales
	Sediments	Various scales

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COASTAL SERIES 1:200,000

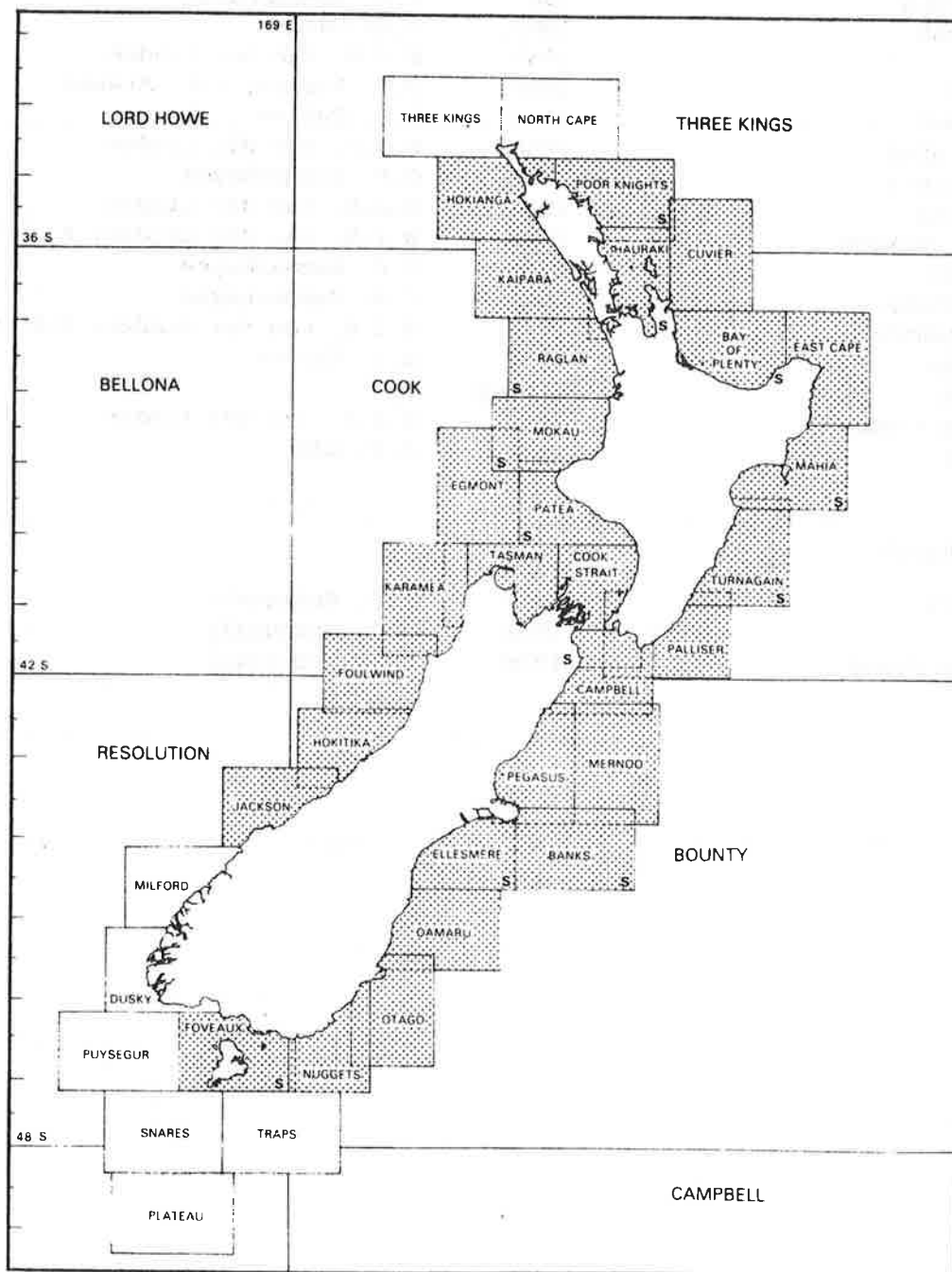
Bathymetry

BANKS	1977	R.H. Herzer
BAY OF PLENTY	1973	H.M. Pantin; R.H. Herzer; G.P. Glasby
* CAMPBELL	1966	J.W. Brodie
CAMPBELL, 2nd edition	In prep.	J.S. Mitchell
COOK STRAIT	1966	J.W. Brodie
COOK STRAIT, 2nd edition	1980	J.S. Mitchell; K.B. Lewis
CUVIER	1976	L. Carter
DUSKY	In prep.	
EAST CAPE	1977	D.J. Cullen
EGMONT	1966	W.J.M. van der Linden
ELLESMERE	1980	R.H. Herzer
FOULWIND	1979	R.M. Norris
FOVEAUX	1964	D.J. Cullen
HAURAKI	1974	J.V. Eade
HOKIANGA	1984	J. Irwin, J.V. Eade
HOKITIKA	1972	J.V. Eade
JACKSON	1981	L. Carter
KAIPARA	1984	J. Irwin, J.V. Eade
KARAMEA	1972	R.M. Norris, W.J.M. van der Linden
** MAHIA	1963	H.M. Pantin
MERNOO	1977	R.H. Herzer
MILFORD	In prep.	
MOKAU	1973	W.J.M. van der Linden
NORTH CAPE	In prep.	
NUGGETS	1967	J.W. Brodie
OAMARU	1981	L. Carter; R.M. Carter
OTAGO	1969	J.W. Brodie
OTAGO, 2nd edition	1986 In prep.	Carter, L.
** PALLISER	1961	H.M. Pantin; J.W. Brodie
PATEA	1969	J.W. Brodie
PEGASUS	1966	D.J. Cullen; J.W. Brodie
PEGASUS, 2nd edition	1983	R.H. Herzer; L. Carter
* POOR KNIGHTS	1971	J.V. Eade
RAGLAN	1968	W.J.M. van der Linden
* TASMAN	1965	J.W. Brodie
TASMAN, 2nd edition	In press	J.S. Mitchell
THREE KINGS	In prep.	
TURNAGAIN	1963	H.M. Pantin
TURNAGAIN, 2nd edition	1976	K.B. Lewis

Sediments

BANKS	1979	R.H. Herzer
BAY OF PLENTY	1979	A.C. Doyle; L. Carter, G.P. Glasby, K.B. Lewis
CAMPBELL	In prep.	J.S. Mitchell
COOK STRAIT	1980	K.B. Lewis, J.S. Mitchell
ELLESMERE	1981	R.H. Herzer
FOVEAUX	1965	D.J. Cullen
HAURAKI	1980	L. Carter; J.V. Eade
* MAHIA	1968	H.M. Pantin; J.G. Gibb

MOKAU	1983	E.S. Arron; A.C. Doyle
OAMARU	1986 In press	E.S. Arron
OTAGO	In prep.	
PATEA	1970	J.C. McDougall; J.G. Gibb
* PEGASUS	1966	D.J. Cullen; J.G. Gibb
PEGASUS, 2nd edition	1986 In press	
* POOR KNIGHTS	1974	J.V. Eade
RAGLAN	1983	A.C. Doyle; E.S. Arron
TASMAN	In press	J.S. Mitchell
TURNAGAIN	1970	K.B. Lewis; J.G. Gibb



Index to NZOI Coastal Series areas. Published sheets shaded. "S" indicates a Sediment Chart has also been published.

OCEANIC SERIES 1:1,000,000

Bathymetry

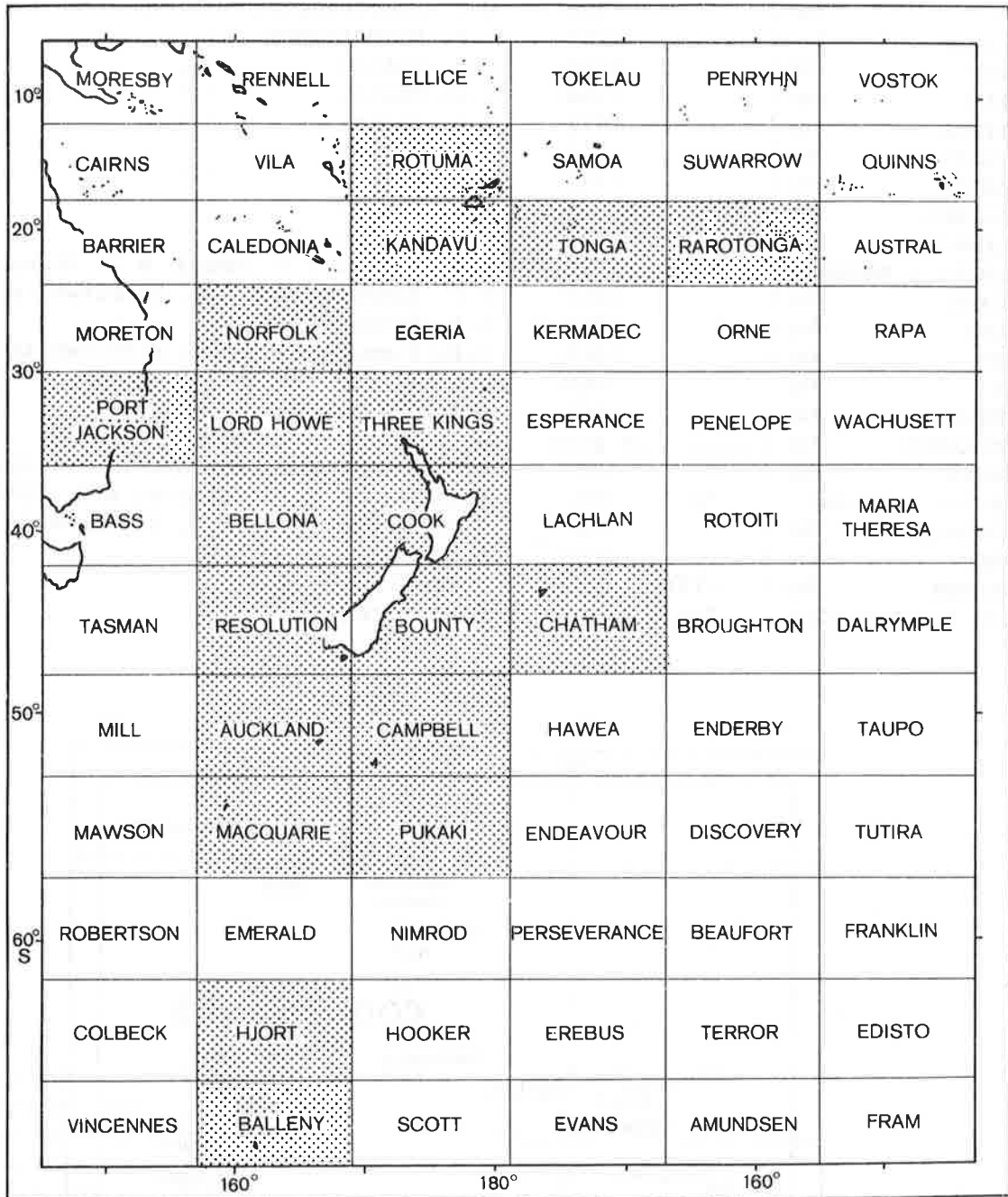
AUCKLAND	1967	C.P. Summerhayes
BALLENY	1970	E.W. Dawson
BELLONA	1977	J.V. Eade; W.J.M. van der Linden
** BOUNTY	1964	D.C. Krause
BOUNTY, 2nd edition	1970	D.C. Krause; D.J. Cullen
CAMPBELL	1967	C.P. Summerhayes
CHATHAM	1969	D.J. Cullen
COOK	1968	W.J.M. van der Linden
HJORT	1976	D.E. Hurley; D.C. Krause
KANDAVU	1975	D.J. Cullen
LORD HOWE	1968	W.J.M. van der Linden
MACQUARIE	1967	C.P. Summerhayes
NORFOLK	1968	W.J.M. van der Linden
PORT JACKSON	1975	W.J.M. van der Linden; R.H. Herzer
PUKAKI	1966	C.P. Summerhayes
RAROTONGA	1969	C.P. Summerhayes
RESOLUTION	1972	W.J.M. van der Linden; D.E. Hayes
ROTUMA	1974	D.J. Cullen
SAMOA	In prep.	
THREE KINGS	1968	W.J.M. van der Linden
TONGA	1971	J.V. Eade

Sediments

BOUNTY	1982	J.C. McDougall
COOK	1975	J.C. McDougall
THREE KINGS	1979	J.C. McDougall

* indicates flat charts only available

** indicates charts out of print

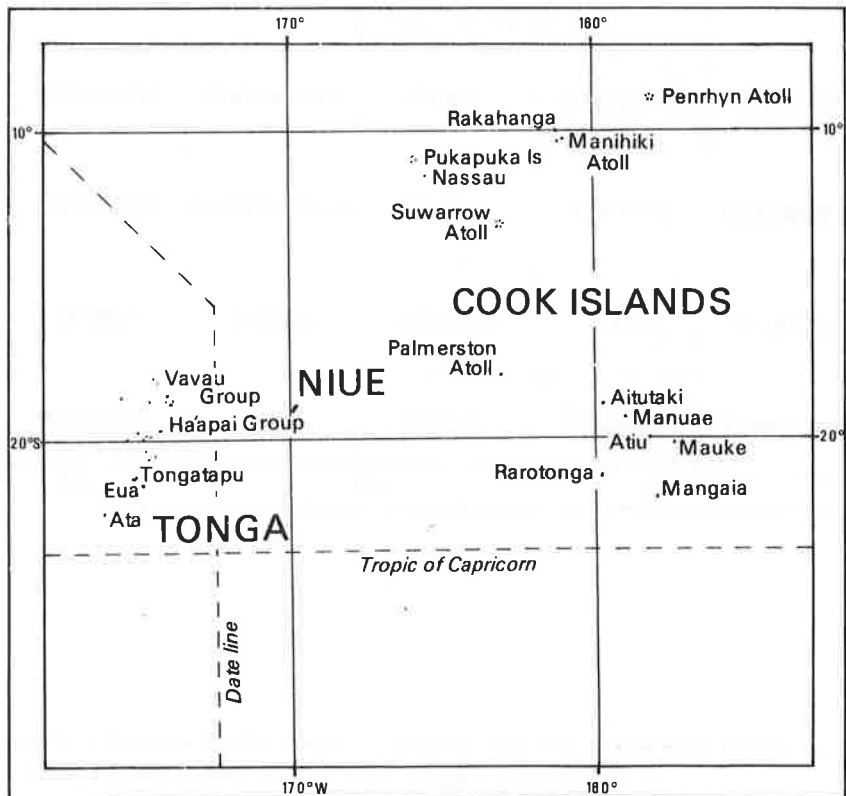


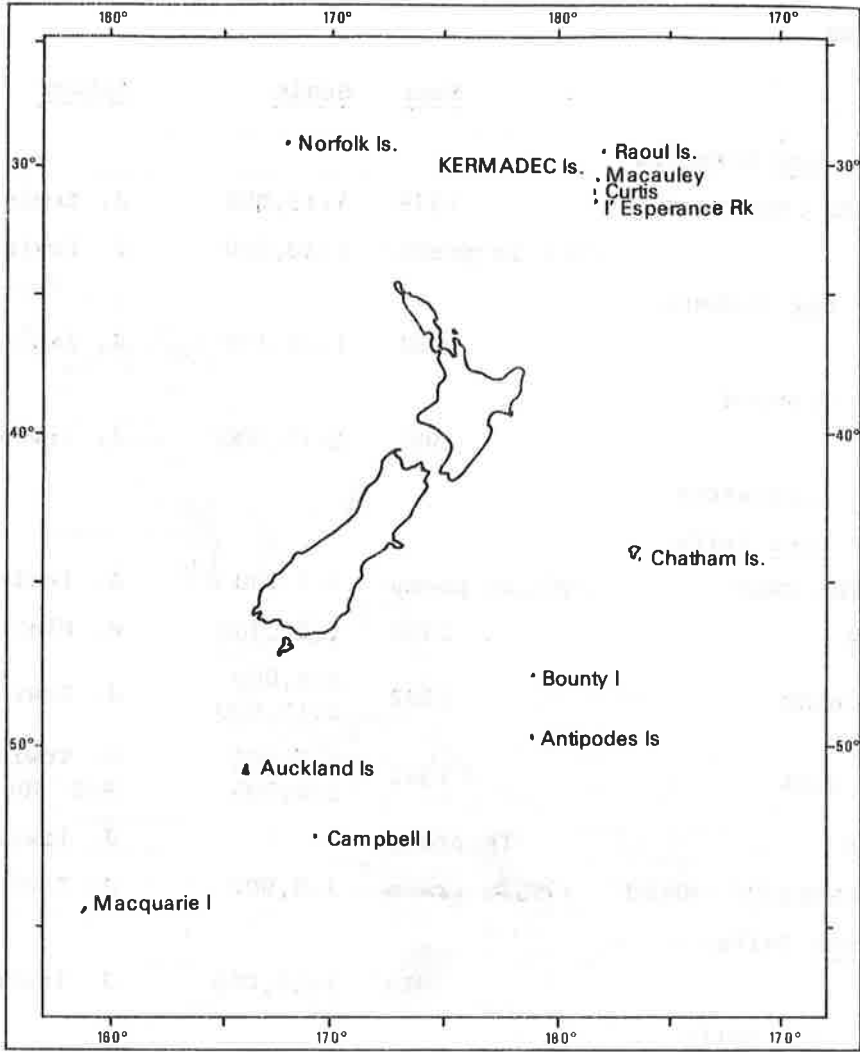
Index to NZOI Oceanic Series areas. Published sheets shaded. "S" indicates a Sediment Chart has also been published.

ISLAND SERIES 1:200,000

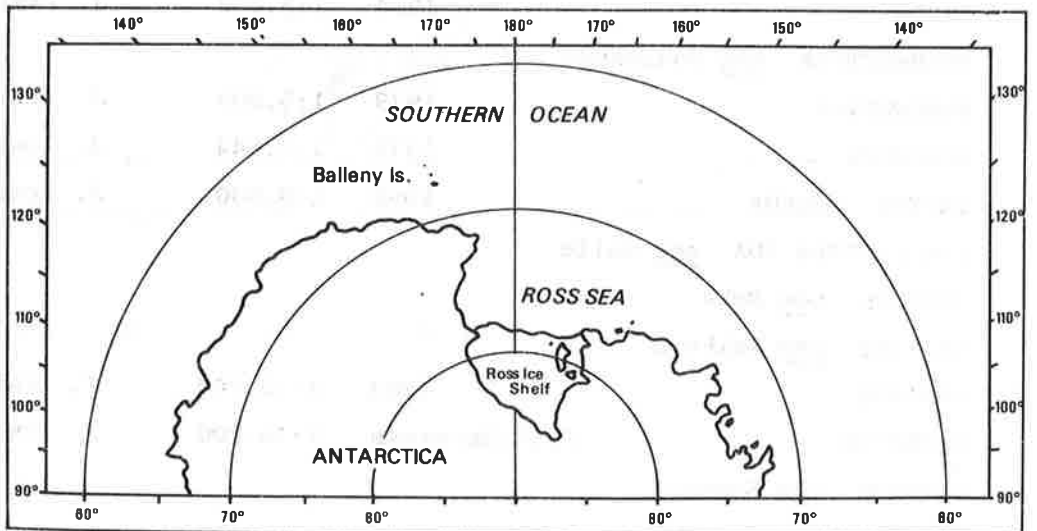
Bathymetry

* AITUTAKI	Map 1	1966	C.P. Summerhayes; A.C. Kibblewhite
AITUTAKI, 2nd edition		In prep.	A. Hosking; J.V. Eade
ANTIPODES	Map 2	1968	D.J. Cullen
ATIU	Map 1	1968	C.P. Summerhayes; A.C. Kibblewhite
AUCKLAND	Map 2	1967	C.P. Summerhayes
* BOUNTY	Map 2	1969	D.J. Cullen
BUCKLE	Map 3	1969	E.W. Dawson
* CAMPBELL	Map 2	1971	D.J. Cullen
CHATHAM	Map 2	1967	D.J. Cullen
HA'APAI	Map 1	1972	J.V. Eade
KERMADECS	Map 2	In prep.	E.W. Dawson
MACQUARIE	Map 2	1970	D.J. Cullen
MANIHIKI : RAKAHANGA	Map 1	1982	K.B. Lewis; T.T. Rongo; A.T. Utanga
MANGAIA	Map 1	1968	C.P. Summerhayes; A.C. Kibblewhite
MANUAE	Map 1	1968	C.P. Summerhayes
MAUKE	Map 1	1969	C.P. Summerhayes; A.C. Kibblewhite
NIUE	Map 1	1966	J.W. Brodie
NORFOLK	Map 2	1981	W.deL. Main; D.G. McKnight
PALMERSTON	Map 1	In prep.	A. Hosking; J.V. Eade
PENRHYN	Map 1	1982	K.B. Lewis; T.T. Rongo; A.T. Utanga
PUKAPUKA : NASSAU	Map 1	1982	K.B. Lewis; I.P. Gilmore; A.T. Utanga
RAROTONGA	Map 1	1967	C.P. Summerhayes; A.C. Kibblewhite
STURGE	Map 3	1969	E.W. Dawson
SUWARROW	Map 1	<u>1986</u> In prep.	V. Tupa; J.V. Eade
YOUNG & BORRADAILE	Map 3	1969	E.W. Dawson





Map 2

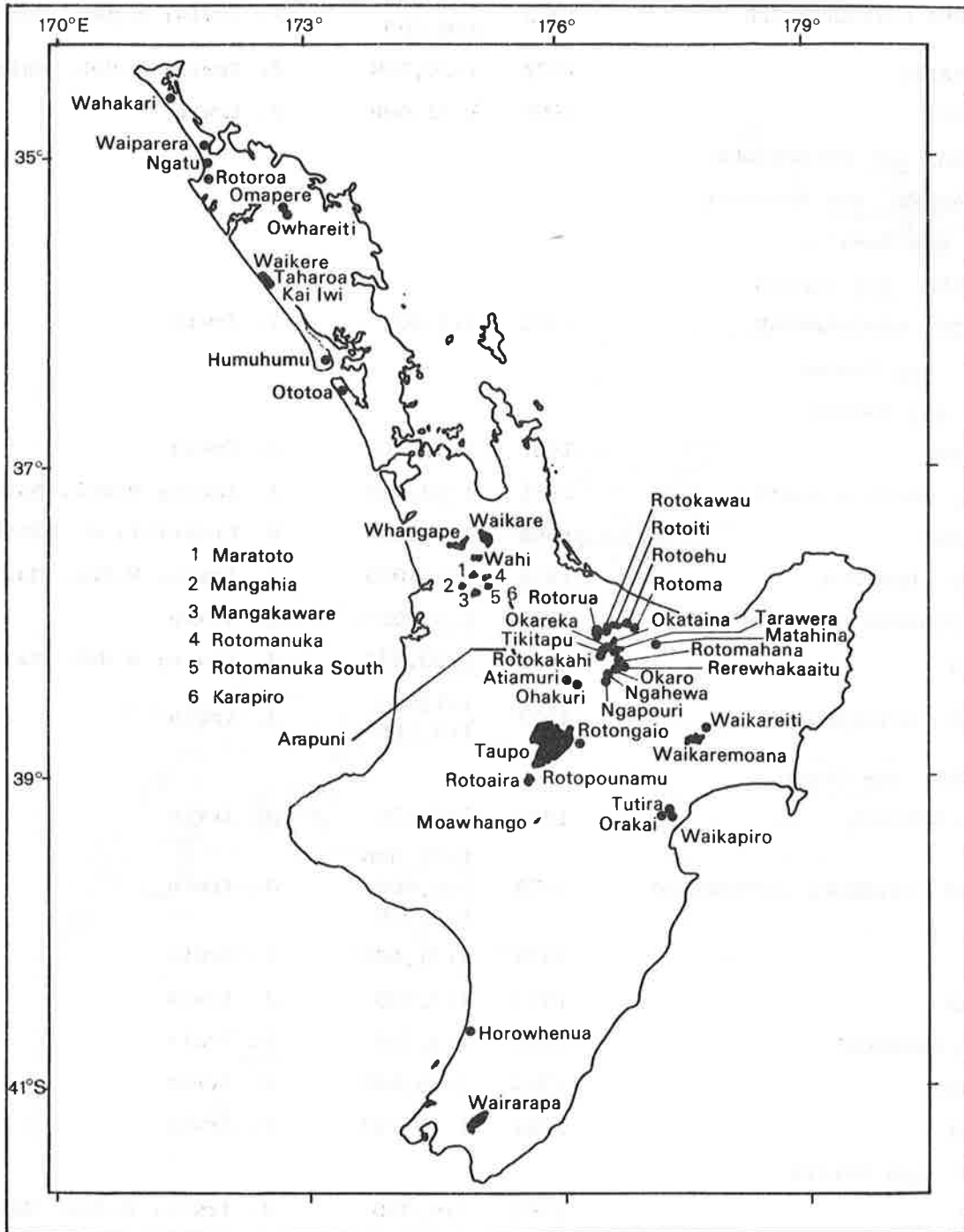


Buckle, Sturge, and Young & Borradale Is make up the Balleny Is.

Map 3

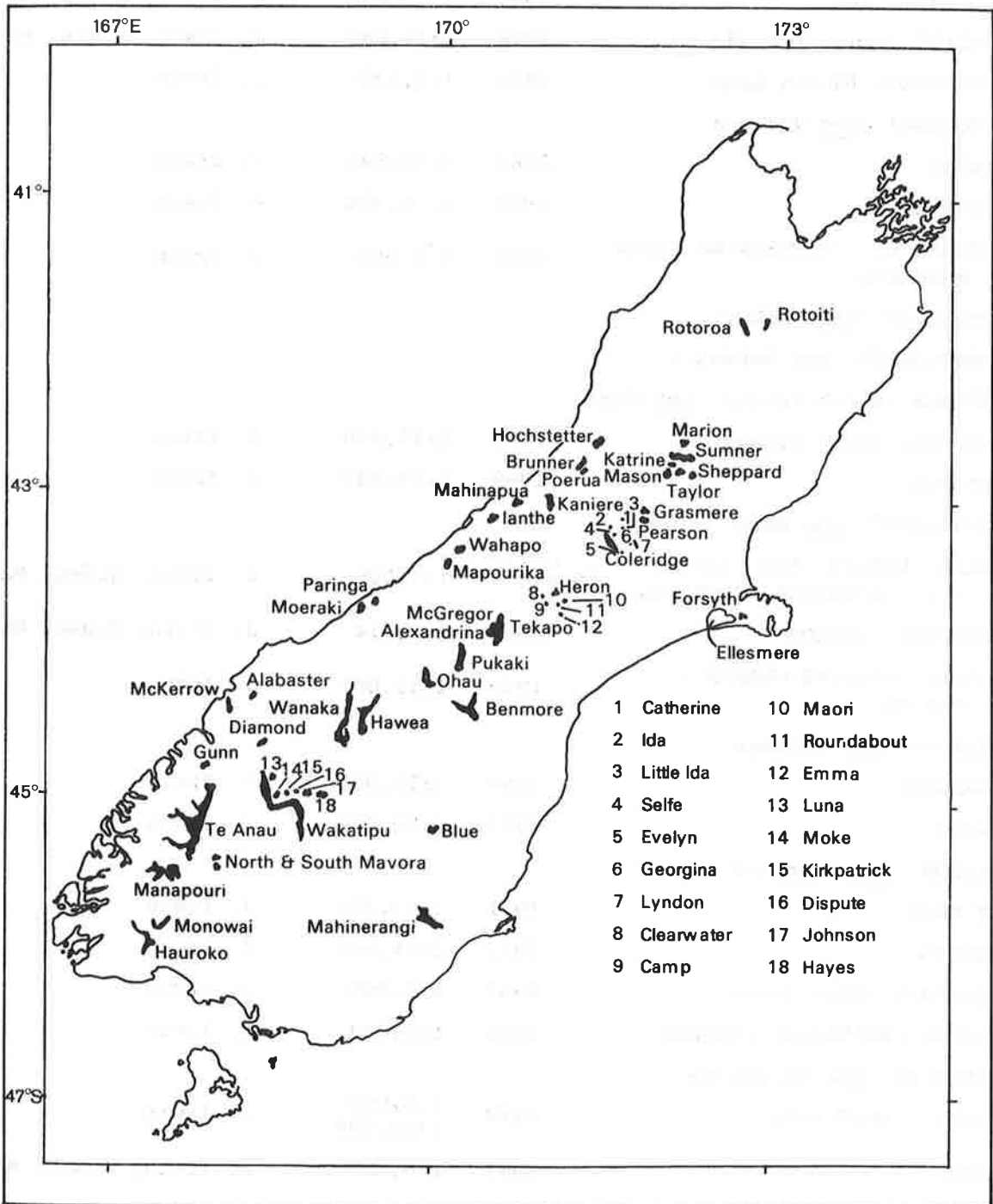
LAKE SERIES

<u>Lake Name</u>	<u>Year</u>	<u>Scale</u>	<u>Author</u>
ALABASTER <u>see</u> McKerrow			
ALEXANDRINA : McGREGOR	1978	1:12,000	J. Irwin
ARAPUNI	1986 In press	1:10,000	J. Irwin; J. van Kampen
ATIAMURI <u>see</u> Ohakuri			
BENMORE	1981	1:31,177	J. Irwin
BLUE <u>see</u> Diamond			
BRUNNER	1981	1:15,000	J. Irwin
CAMP <u>see</u> Clearwater			
CATHERINE <u>see</u> Selfe			
CLEARWATER : CAMP	1985 In press	1:5,000	J. Irwin
COLERIDGE	1970	1:23,760	M. Flain
DIAMOND : BLUE	1982	1:6,000 1:12,000	J. Irwin
DISPUTE : LUNA	1982	1:3,000 1:2,785	J. Irwin & R.T. Hutchinson
ELLESMERE	In press		J. Irwin
EMMA : ROUNDABOUT : MAORI	1985 In press	1:5,000	J. Irwin
EVELYN <u>see</u> Selfe			
FORSYTH	1979	1:10,000	J. Irwin
GEORGINA <u>see</u> Selfe			
GRASMERE	1969	1:3,168	J. Irwin
GUNN	1980	1:5,000	J. Irwin; R.T. Hutchinson
HAUROKO	1979	1:30,000	J. Irwin
HAWEA	1975	1:47,520	J. Irwin; W.deL. Main
HAYES	1981	1:5,000	J. Irwin
HERON	1984	1:8,000	J. Irwin; W.deL. Main
HOCHSTETTER <u>see</u> Mahinapua			
HOROWHENUA	1979	1:5,000	J. Irwin
HUMUHUMU	1978	1:5,544	J. Irwin; W.deL. Main
IANTHE : POERUA	1982	1:8,000	J. Irwin
IDA : LITTLE IDA <u>see</u> Selfe			
JOHNSON <u>see</u> Moke			
KAI-IWI <u>see</u> Waikere			
KANIERE	1982	1:12,000	J. Irwin; W.deL. Main
KARAPIRO	1986 In press	1:10,000	J. Irwin; J. van Kampen
KATRINE <u>see</u> Sumner			
KIRKPATRICK <u>see</u> Moke			
LUNA <u>see</u> Dispute			



NORTH ISLAND - Lakes for which bathymetric charts are published.

LYNDON	1985	1:6,000	J. Irwin
MCGREGOR <u>see</u> Alexandrina			
MCKERROW : ALABASTER	1983	1:18,000	J. Irwin; R.T. Hutchinson
MAHINAPUA : HOCHSTETTER	1982	1:8,439 1:8,000	J. Irwin; W.deL. Main
MAHINERANGI	1979	1:10,000	J. Irwin; W.deL. Main
MANAPOURI	1969	1:31,680	J. Irwin
MANGAHIA <u>see</u> Rotomanuka			
MANGAKAWARE <u>see</u> Maratoto			
MAORI <u>see</u> Emma			
MAPOURIKA <u>see</u> Wahapo			
MARATOTO : MANGAKAWARE	1982	1:2,000	J. Irwin
MARION <u>see</u> Sumner			
MASON <u>see</u> Sumner			
MATAHINA	1982	1:6,000	J. Irwin
MAVORA, North & South	1981	1:12,000	J. Irwin; W.deL. Main
MOAWHANGO	1986 <i>In press</i>	1:8,000	R. Pickrill; J. Mitchell
MOERAKI : PARINGA	1978	1:10,000	J. Irwin; W.deL. Main
MOKE : JOHNSON : KIRKPATRICK	1982	1:3,000	J. Irwin
MONOWAI	1981	1:20,877	J. Irwin; W.deL. Main
NGAHEWA : ROTOKAWAU	1973	1:1,980 1:3,168	J. Irwin
NGAPOURI <u>see</u> Okaro			
NGATU : ROTOROA	1982	1:4,000	J. Irwin
		1:12,000	
OHAKURI : ATIAMURI : ROTONGAIO	1978	1:6,000 1:2,000	J. Irwin
OHAU	1970	1:31,680	J. Irwin
OKAREKA	1973	1:7,920	J. Irwin
OKARO : NGAPOURI	1974	1:3,168	J. Irwin
OKATAINA	1966	1:15,840	J. Irwin
OMAPERE	1982	1:12,000	J. Irwin
ORAKAI <u>see</u> Tutira			
OTOTOA	1981	1:6,000	J. Irwin; W.deL. Main
OWHAREITI	1973	1:3,960	J. Irwin
PARINGA <u>see</u> Moeraki			
PEARSON	1970	1:7,920	J. Irwin
POERUA <u>see</u> Ianthe			
POTERITERI	In press		J. Irwin
PUKAKI	1970	1:31,680	J. Irwin
REREWHAKAAITU	1970	1:7,920	J. Irwin
ROTOAIRA : ROTOPOUNAMU	1973	1:11,880	J. Irwin



SOUTH ISLAND - Lakes for which bathymetric charts are published.

ROTOEHU	1974	1:11,880	J. Irwin
ROTOITI, North Island	1969	1:25,000	J. Irwin
ROTOITI, North Island, 2nd edition	1982	1:15,000	J. Irwin; W.deL. Main
ROTOITI, South Island	1976	1:11,880	J. Irwin; W.deL. Main
ROTOKAKAHI (Green Lake)	1970	1:7,920	J. Irwin
ROTOKAWAU <u>see</u> Ngahewa			
ROTOMA	1967	1:15,840	J. Irwin
ROTOMAHANA	1982	1:10,309	J. Irwin
ROTOMANUKA : ROTOMANUKA SOUTH : MANGAHIA	1982	1:2,000	J. Irwin
ROTONGAIO <u>see</u> Ohakuri			
ROTOPOUNAMU <u>see</u> Rotoaira			
ROTOROA, North Island <u>see</u> Ngatu			
ROTOROA, South Island	1976	1:15,840	J. Irwin
ROTORUA	1969	1:15,840	J. Irwin
ROUNDABOUT <u>see</u> Emma			
SELFE : EVELYN : IDA : LITTLE IDA : CATHERINE : GEORGINA	¹⁹⁸⁵ In press	1:5,000	J. Irwin; W.deL. Main
SHEPPARD : TAYLOR	1982	1:8,114	J. Irwin; W.deL. Main
SUMNER : KATRINE : MASON : MARION	1979	1:12,000	J. Irwin
TAHAROA <u>see</u> Waikere			
* TARAWERA	1969	1:25,000	J. Irwin
* TAUPO	1972	1:50,000	J. Irwin
TAYLOR <u>see</u> Sheppard			
TE ANAU	1971	1:63,360	J. Irwin
TEKAPO	1973	1:31,680	J. Irwin
TIKITAPU (Blue Lake)	1967	1:5,940	J. Irwin
TUTIRA : WAIKAPIRO : ORAKAI	1978	1:5,000	J. Irwin
WAHAKARI <u>see</u> Waiparera			
WAHAPO : MAPOURIKA	1979	1:8,000 1:10,000	J. Irwin
WAHI	1981	1:6,000	J. Irwin; W.deL. Main
WAIHOLA	In press		J. Irwin
WAIKAPIRO <u>see</u> Tutira			
WAIKARE	1981	1:10,000	J. Irwin
WAIKAREITI	1982	1:5,000	G.S. Leigh
WAIKAREMOANA	1977	1:16,000	J. Irwin
WAIKERE : TAHAROA : KAI-IWI	1971	1:5,544	J. Irwin
WAIPARERA : WAHAKARI	1976	1:5,544	J. Irwin
WAIRARAPA	1970	1:25,000	J. Irwin

WAKATIPU	1972	1:63,360	J. Irwin
WANAKA	1976	1:55,440	J. Irwin; N.M. Ridgway
WHANGAPE	1981	1:9,000	J. Irwin

* indicates flat charts only available

** indicates charts out of print

MISCELLANEOUS SERIES

- | | | | |
|------|----------|---|----------------------------|
| 1 | 1960 | Currents in the southern New Zealand region, 1:3,394,000 | R.W. Burling |
| 2 | 1962 | New Zealand region winter sea surface temperatures 1956, 1:5,900,000 | D.M. Garner & N.M. Ridgway |
| 3 | 1962 | New Zealand region summer sea surface temperatures 1957, 1:5,900,000 | D.M. Garner & N.M. Ridgway |
| 4 | 1962 | Manihiki Atoll bathymetry, 1:19,000 | J.S. Bullivant |
| 5 | 1963 | Milford Sound bathymetry, 1:32,750 | J.W. Brodie |
| | In press | Milford Sound bathymetry, 2nd edition, 1:20,000 | J. Irwin |
| ** 6 | 1963 | Chatham Rise sediments, 1:2,191,400 | R.M. Norris |
| 7 | 1964 | Tsunami travel times to New Zealand, 1:37,090,000 | A.E. Gilmour |
| 8 | 1965 | Bounty Trough magnetic field - total intensity and anomalies, 1:1,000,000 | D.C. Krause |
| 9 | 1964 | Coastal Series Charts : Index to sheets, 1:3,310,000 | P. Lawrence |
| 10 | 1966 | Temperature and salinity distribution south of New Zealand, 1:3,394,000 | T.J. Houtman |
| 11 | 1965 | Oceanic Series Charts : Index to sheets, 1:6,000,000 | P. Lawrence |
| 12 | 1960 | Bathymetry, North Island, New Zealand, 1:2,191,400 | J.W. Brodie & H.M. Pantin |
| 13 | 1960 | Bathymetry, South Island, New Zealand, 1:2,191,400 | J.W. Brodie & H.M. Pantin |
| 14 | 1960 | Wellington Harbour sediments, 1:63,360 | W.J.M. van der Linden |
| 15 | 1967 | New Zealand region bathymetry, 1:6,000,000 | P. Lawrence |
| | 1980 | New Zealand region bathymetry, 2nd edition, 1:6,000,000 | L. Carter |
| *16 | 1969 | New Zealand region sea water temperatures at the ocean floor, 1:6,000,000 | N.M. Ridgway |
| 17 | 1969 | Mid-shelf temperatures around New Zealand : winter | D.M. Garner |
| 18 | 1969 | Mid-shelf temperatures around New Zealand : summer | D.M. Garner |

19	1971	Western Tasman Sea geomagnetic anomalies, 1:2,000,000	W.J.M. van der Linden
20	1970	Tectonic map of the South-west Pacific, 1:10,000,000	D.J. Cullen
21	1972	Wanganella Bank bathymetry, 1:200,000	J.V. Eade
22	1975	Queen Charlotte Sound bathymetry, 1:50,000	J. Irwin
23	1973	Caswell Sound bathymetry, 1:15,840	J. Irwin
24	1974	Nancy Sound bathymetry, 1:15,840	J. Irwin
25	1976	Wellington Harbour bathymetry, 1:25,000	R.H. Herzer
26	1979	Southwest Pacific Ocean : surface salinity, 1:10,000,000	N.M. Ridgway; R.A. Heath; C. Marott
27	1979	Southwest Pacific Ocean : temperature at 200 m, 1:10,000,000	N.M. Ridgway; R.A. Heath; C. Marott
28	1979	Southwest Pacific Ocean : salinity at 200 m, 1:10,000,000	N.M. Ridgway; R.A. Heath; C. Marott
29	1979	Southwest Pacific Ocean : salinity at the core of Antarctic Intermediate Water, 1:10,000,000	N.M. Ridgway; R.A. Heath; C. Marott
30	1979	Southwest Pacific Ocean : depth of the core of Antarctic Intermediate Water, 1:10,000,000	N.M. Ridgway; R.A. Heath; C. Marott
31	1979	Southwest Pacific Ocean : dynamic height anomaly of the sea surface relative to 1000 decibars, 1:10,000,000	N.M. Ridgway; R.A. Heath; C. Marott
32	1979	Southwest Pacific Ocean : water temperature at the ocean floor, 1:10,000,000	N.M. Ridgway; R.A. Heath; C. Marott
33	1974	Manganese deposits in the South Pacific Ocean : distribution, 1:25,000,000	G.P. Glasby & P. Lawrence
34	1974	Manganese deposits in the South Pacific Ocean : manganese content, 1:25,000,000	G.P. Glasby & P. Lawrence
35	1974	Manganese deposits in the South Pacific Ocean : iron content, 1:25,000,000	G.P. Glasby & P. Lawrence
36	1974	Manganese deposits in the South Pacific Ocean : copper content, 1:25,000,000	G.P. Glasby & P. Lawrence
37	1974	Manganese deposits in the South Pacific Ocean : nickel content, 1:25,000,000	G.P. Glasby & P. Lawrence
38	1974	Manganese deposits in the South Pacific Ocean : cobalt content, 1:25,000,000	G.P. Glasby & P. Lawrence

39	1974	Metalliferous sediments, submarine volcanism and submarine geothermal activity in the South Pacific Ocean, 1:25,000,000	G.P. Glasby & P. Lawrence
40	1980	Manganese deposits in the South Pacific Ocean : relation to sediment type, 1:25,000,000	G.P. Glasby & P. Lawrence
41	1980	New Zealand region zooplankton biomass 0 - 200 m, 1:6,000,000	J.M. Bradford
42	1980	New Zealand region primary productivity - surface, 1:6,000,000	J.M. Bradford
43	1980	New Zealand region primary productivity - integrated, 1:6,000,000	J.M. Bradford
44	1980	New Zealand region surface chlorophyll <u>a</u> , 1:6,000,000	J.M. Bradford
45	1976	M ₂ tidal currents in Cook Strait	R.A. Heath
46	1980	New Zealand region reactive phosphorus (October - April) surface, 1:6,000,000	J.M. Bradford & F.J. Taylor
47	1978	Pauatahanui Inlet bathymetry, 1:5,000	J. Irwin
48	1978	Porirua Inlet bathymetry, 1:5,000	J. Irwin
49	1978	Porirua Harbour bathymetry, 1:10,000	J. Irwin
50	1978	Pauatahanui Inlet sediments, 1:5,000	J.C. McDougall
51	1979	New Zealand region physiography, 1:4,000,000	L. Carter & J.V. Eade
52	1981	Inferno Crater Lake provisional bathymetry, 1:250	R.F. Keam
53	1981	Frying Pan Lake provisional bathymetry, 1:500	R.F. Keam
54	1980	Dagg Sound bathymetry, 1:16,000	P.A. Pickrill; W.deL. Main
55	1981	Doubtful Sound bathymetry, 1:25,000 (4 sheets)	J. Irwin & W.deL. Main
56	1981	Rarotonga nearshore bathymetry, 1:20,000	A. Utanga & K.B. Lewis
57	1984	Palmerston Atoll bathymetry, 1:18,000	J. Irwin; W.deL. Main
58	1982	Preservation Inlet bathymetry, 1:20,000 (2 sheets)	J. Irwin; W.deL. Main
59	1982	George Sound bathymetry, 1:20,000	J. Irwin

- | | | | |
|----|-------------|---|---|
| 60 | 1984 | Central Chatham Rise bathymetry,
1:50,000 (2 sheets) | J.S. Mitchell &
D.J. Cullen |
| 61 | 1985 | Bligh Sound bathymetry, 1:15,000 | J. Irwin; W.deL. Main |
| 62 | In
press | McMurdo Sound bathymetry, 1:250,000 | Pyne, Ward, McPherson &
P.J. Barrett |
| 63 | In
press | Rangaunu Harbour and Bay sediments,
1:40,000 | R.A. Pickrill |
| | In
press | Pelorus Sound bathymetry, 1:30,000
(2 sheets) | J. Irwin; W.deL. Main |