

NEW ZEALAND NOTICES TO MARINERS

Notices

NZ 197 – 205

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New Zealand Notices to Mariners are the authority for correcting New Zealand charts within the New Zealand area of charting responsibility as shown in Notice No. 1.

Mariners are requested to immediately inform Land Information New Zealand, PO Box 5501 Lambton Quay, Wellington 6145, New Zealand Phone : 0800 665 463 or (04) 460-0110 Fax: (04) 460-0161 or e-mail: info@linz.govt.nz, of the discovery of new or suspected dangers to navigation, or shortcomings in charts and publications. A copy of a Hydrographic Note, a convenient form on which to send such information, is included at the end of Section VI of the Fortnightly Notices to Mariners.

Changes or defects in aids to navigation should be reported to the Rescue Coordination Centre New Zealand (RCCNZ) via the nearest New Zealand Coastal Maritime Radio Station Phone : (04) 577-8030 Fax : (04) 577-8038 or (04) 577-8041 e-mail: rccnz@maritimenz.govt.nz.

Copies of these Notices can be obtained from Land Information New Zealand, Maritime New Zealand, Principal Chart Agents at the major ports of New Zealand and the Internet: www.linz.govt.nz

EXPLANATORY NOTES

Charts. The notices in Section II give instructions for the correction of charts. Geographical positions refer to the largest scale chart unless otherwise stated. They are normally given in degrees, minutes and decimals of a minute, but may occasionally quote seconds for convenience when plotting from the graduation of some older-style charts. Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are given as seen by an observer from seaward. Symbols referred are those shown in publication Chart 5011 (*INT 1*) Symbols and Abbreviations used on Admiralty Charts, published by the United Kingdom Hydrographic Office.

Alterations to depth contours, deletion of depths to make way for new detail, etc. are not mentioned unless they have some navigational significance.

Blocks or notes accompanying notices in Section II are placed after Section VI.

Temporary and Preliminary Notices. These are indicated by (T) or (P) after the notice number. A list of (T) and (P) Notices in force is published in the fortnightly Editions of Notices to Mariners. Charts are not corrected for them before issue; they should be corrected in pencil on receipt.

Light Lists. The detailed correction to the Light List is given in Section III and may not be published in the same edition as the chart correcting notice. The entire entry for each light is printed, and an asterisk (*) is shown under the column which contains an amendment. In the case of a new light, an asterisk (*) appears under all the columns. New and extensively altered entries are intended to be pasted in. It is recommended that a manuscript entry be made for all shorter corrections.

It is emphasized that the List of Lights is the authority for lights and that many alterations, especially those of a temporary but operational nature, may only be promulgated as corrections to the List of Lights.

Radio Signals. When radio signals are affected by a notice the Admiralty List of Radio Signals reference number is quoted. The detailed correction to the List of Radio Signals is given in Section VI and may be published in a later edition than the chart correcting notice.

Sailing Directions Corrections to Sailing Directions are given in Section IV. It is recommended that such corrections be kept together in a file with the latest list of those in force on top. The file can then be consulted when using the parent book to see if any notices affecting the area under consideration are extant.

Corrections should not be pasted into the parent book or Supplement as corrections may be issued between closing date and issue of a new Supplement. These will be embodied in the text of the following Supplement. A summary of corrections in force will be issued in Section IV of the Fortnightly Edition at monthly intervals.

New Zealand Publications. Corrections to New Zealand Publications are given in Section IV.

Correction of Charts and Publications by the User. New Zealand Notices to Mariners contain important information and should be used to keep the specified charts and books up to date.

THE USE OF CHARTS AND ASSOCIATED PUBLICATIONS

Reliance on Charts and Associated Publications. While every effort is made to ensure the accuracy of the information on New Zealand charts and other publications, it should be appreciated that it may not always be complete and up to date. The mariner must be the final judge of the reliance to be placed on the information given, bearing in mind their particular circumstances, local pilotage guidance and the judicious use of available navigational aids.

Charts. Charts should be used with prudence: there are areas where the source data are old, incomplete or of poor quality. The mariner should use the largest scale appropriate for his particular purpose; apart from being the most detailed, the larger scales are usually corrected first. When extensive new information (such as a new hydrographic survey) is received, some months may elapse before it can be fully incorporated in published charts. On small scale charts of ocean areas where hydrographic information is, in many cases, still sparse, charted shoals may be in error as regards position, least depth and extent. Undiscovered dangers may exist, particularly away from well-established routes.

Further guidance. The Mariner's Handbook (NP 100) gives a fuller explanation of the limitations of charts. All users should study it in their own interest.

II

NUMERICAL INDEX OF CHARTS AFFECTED (NZ NTM Edition No.22 dated 30 October 2009)

NZ Chart No.	NZ Notices	INT Chart No.	Notices
NZ 21 NZ 23 NZ 43 NZ 45 NZ 48 NZ 52 NZ 53 NZ 443 NZ 521 NZ 522 NZ 532 NZ 632 NZ 5212 NZ 5215 NZ 5322 NZ 5324 NZ 5325 NZ 6321	NZ 199 NZ 199 NZ 204(T) NZ 203(T) NZ 203(T) NZ 199 NZ 199, 202(T) NZ 204(T) NZ 201(T) NZ 199 NZ 202(T) NZ 205(T) NZ 201(T) NZ 198 NZ 202(T) NZ 202(T) NZ 202(T) NZ 205(T)	INT 641 INT 640	NZ 199 NZ 199
ENC Cell	Notices		
NZ20022E NZ20022W NZ200023 NZ200025 NZ200046 NZ200053 NZ300046 NZ300053 NZ300443 NZ305322 NZ405324 NZ505322 NZ505325	NZ 197 NZ 197 NZ 197 NZ 197 NZ 197 NZ 197 NZ 197 NZ 197 NZ 204(T) NZ 202(T) NZ 202(T) NZ 202(T) NZ 202(T)		

NEW ZEALAND TEMPORARY AND PRELIMINARY NOTICES IN FORCE

(NZ NTM Edition No.22 dated 30 October 2009)

NZ Notice	T/P	Charts Affected	Locality and Subject
		NZ Chart, INT Chart, ENC Cell	
133/01	T	NZ 6612	Otago Hr.: Shoaling
180/03	T	NZ 6154	Picton Hr.: Shoal Depths
129/04	T	NZ 52, 53, 522, 5227	Hauraki Gulf: Dredging Operations
194/04	P	NZ 46, 48, 61, 463, 614, 6151, 6152, 6153, 6154	Marlborough Sounds: Use of Automated Navigation Systems
110/05	T	NZ 8248	Tonga: Light Unlit
161/05	P	NZ 4633, 4634	Wellington Hr.: Navigation Safety Bylaw
173/05	T	NZ 53, 54, 531, 534, 5318	Whitianga Hr.: Sandbar
176/06	T	NZ 23, 26, 56, 14060, 14600, INT 60, 600, 640	N. Island, E. Coast: Scientific Instruments
177/06	T		Indian Ocean: Operation 'Enduring Freedom'
205/06	T	NZ 532, 5324	Tamaki Strait: Motuihe Is.: E. Cardinal Lt Beacon
213/06	P	NZ 6153, 6154	Picton Hr.: Lights
244/06	T	NZ 23, 25, 63, 64, INT 640, 648	Lyttelton Hr.: Waverider Buoy
37/07	T	NZ 53, 532, 533, 5327	Firth of Thames: Moorings, Research Instruments
63/07	T	NZ 4633	Wellington Hr.: Race Marker Buoys
219/07	P	NZ 54, 542	Bay of Plenty, Opotiki: Fish Haven
20/08	T	NZ 54, 542	Bay of Plenty, Opotiki: Research Instruments
91/08	P	NZ 4424	W. Coast, Taharoa Hr.: Hr. Limits
131/08	T	NZ 68, 69, 681	Foveaux Strait, Ruapuke Is.: Seabed Obstruction
132/08	T	NZ 14051, 14052, 14060, 14061, 14604, 14605, 14606, 14607, 14629, INT 51, 52, 60, 61, 604, 605, 606, 607, 629	North, South Pacific Ocean: ATLAS Buoys
243/08	P	NZ 5612	Napier Hr.: New Wharf Development
244/08	P	NZ 632, 6321	Banks Peninsula: Mussel Farms
258/08	T	NZ 63, 64	Lyttelton Hr.: Works in Progress
259/08	T	NZ 5225	Great Barrier Island: Marine Farm
262/08	T	NZ 2411	Snares Islands/Tini Heke: Seabed Obstruction
39/09	T	NZ 4314, 4315	Manukau Hr.: Light Beacons, Buoys
96/09	T	NZ 532, 5321, 5322	Hauraki Gulf: Works in Progress
117/09	T	NZ 25, 64, 66, 661	Cape Saunders Southwards: Waverider Buoy
118/09	T	NZ 8275 (T 8275)	Tonga, Nuku'alofa Hr.: Light
123/09	T	NZ 4634, NZ546342	Wellington Hr.: Light, Beacon
138/09	T	NZ 23, 25, 62, 63, INT 640, 648	Kaikoura Peninsula: Scientific Moorings
139/09	T	NZ 845, 14630, 14631, INT 630, 631	Nuie Is: Lights
143/09	T	NZ 5322, 5323, NZ505322	Auckland Hr.: Vertical Clearance
155/09	T	NZ 5125	Bay of Islands: Light
164/09	T	NZ 4314, NZ404314	Manukau Hr.: Depths
182/09	T	NZ 51, 512, 5125	Bay of Islands: Scientific Moorings
184/09	T	NZ 614, 6144	Motueka River: Current Meter
188/09	T	NZ 561, 5612, NZ400561, 505612, 605612	Napier Hr.: Dredging Operations
189/09	T	NZ 53, 532, 533, 5327, NZ200053, 305321	Firth of Thames: Scientific Buoy
190/09	T	NZ 632, 6321	Lyttelton Hr.: Dredging Operations
194/09	T	NZ 512, 521, 522, 5113, 5114, 5125, 5214, 5215	Rangau Bay, Doubtless Bay, Whangaroa to Matauri Bay, Bay of Islands, Whangarei, Bream Bay: Scientific Moorings
195/09	T	NZ 6321	Sumner Head: Buoy
196/09	T	NZ 7142	Greymouth Hr.: Depths
200/09	T		Maritime Safety Broadcasts
201/09	T	NZ 521, 5212	Tutukaka Hr.: Light, Buoy
202/09	T	NZ 53, 532, 5322, 5324, 5325, NZ305322, 405324, 505322, 505325	Rangitoto Channel: Light
203/09	T	NZ 45, 48	S. Taranaki Bight: Drilling Operations
204/09	T	NZ 43, 443, NZ300443	N. Taranaki Bight: Waverider Buoy.
205/09	T	NZ 632, 6321	Lyttelton Hr.: Current Meter

NZ 197/09 NEW ZEALAND PUBLICATIONS – (1) New Zealand ENC's Published.

<i>ENC Cell</i>	<i>Released</i>	<i>Title</i>
NZ300046	October 2009	NZ300046 – NZ46 – Cook Strait
NZ300053	October 2009	NZ300053 – NZ53 – North Island – East Coast – Bream Head to Slipper Island including Hauraki Gulf

(2) New Zealand ENC's Permanently Withdrawn

<i>ENC Cell</i>	<i>On Publication of ENC Cell</i>	<i>Date</i>
NZ200046	NZ300046	October 2009
NZ200053	NZ300053	October 2009

(3) New Zealand ENC's to be published shortly

<i>ENC Cell</i>	<i>Released</i>	<i>Title</i>
NZ20022E	October 2009	NZ20022E – NZ22 - South Pacific Ocean - Kermadec Islands to East Cape - East
NZ20022W	October 2009	NZ20022W – NZ22 - South Pacific Ocean - Kermadec Islands to East Cape - West
NZ200023	October 2009	NZ200023 – NZ23 - South Pacific Ocean - New Zealand - North Island
NZ200025	October 2009	NZ200025 – NZ25 - South Pacific Ocean - New Zealand - South Island

README.TXT File

The README.TXT file located within the ENC_ROOT folder of an ENC exchange set contains important safety related information. This file is updated on a regular basis and should be consulted to ensure that all related issues are taken into consideration. The latest README.TXT file is also located on the LINZ website www.linz.govt.nz/hydro/enc/readme

Use of Electronic Navigational Charts

For compliance with New Zealand legal requirements for nautical charts and publications please refer to Maritime Rules Part 25, as supported by Maritime New Zealand Marine Guidance Notice 8 "Use of Electronic Charts, ECDIS and ENC's in NZ" available from the Maritime New Zealand website www.mnz.govt.nz/Commercial/Shipping-safety/Safety-updates/Guidance-notice.asp.

NZ 198/09 NEW ZEALAND – North Island – East Coast – Whangarei Harbour – Lights, Beacons.

Chart NZ 5215 [140/09]

Substitute  No. H11 Fl. G. 2s for  No. H11 Fl. G. 2s 35° 44'.28S., 174° 20'.19E.
 G G

Delete  Or (a) 35° 47'.08S., 174° 21'.31E.
 Or

 Or 35° 46'.70S., 174° 21'.25E.

 Or 35° 44'.48S., 174° 20'.89E.

former leading line, pecked and firm line, and associated legend
 ≠ 172° 38' – 352° 38', extending direction 352° from :

(a) above




 No. K23 Q. G 35° 45'.10S., 174° 21'.12E.
 G

Chart NZ 5215 (continuation, Whangarei Harbour)

Substitute  No. H11 Fl. G. 2s for  No. H11 Fl. G. 2s 35° 44'.28S., 174° 20'.19E.
 G G

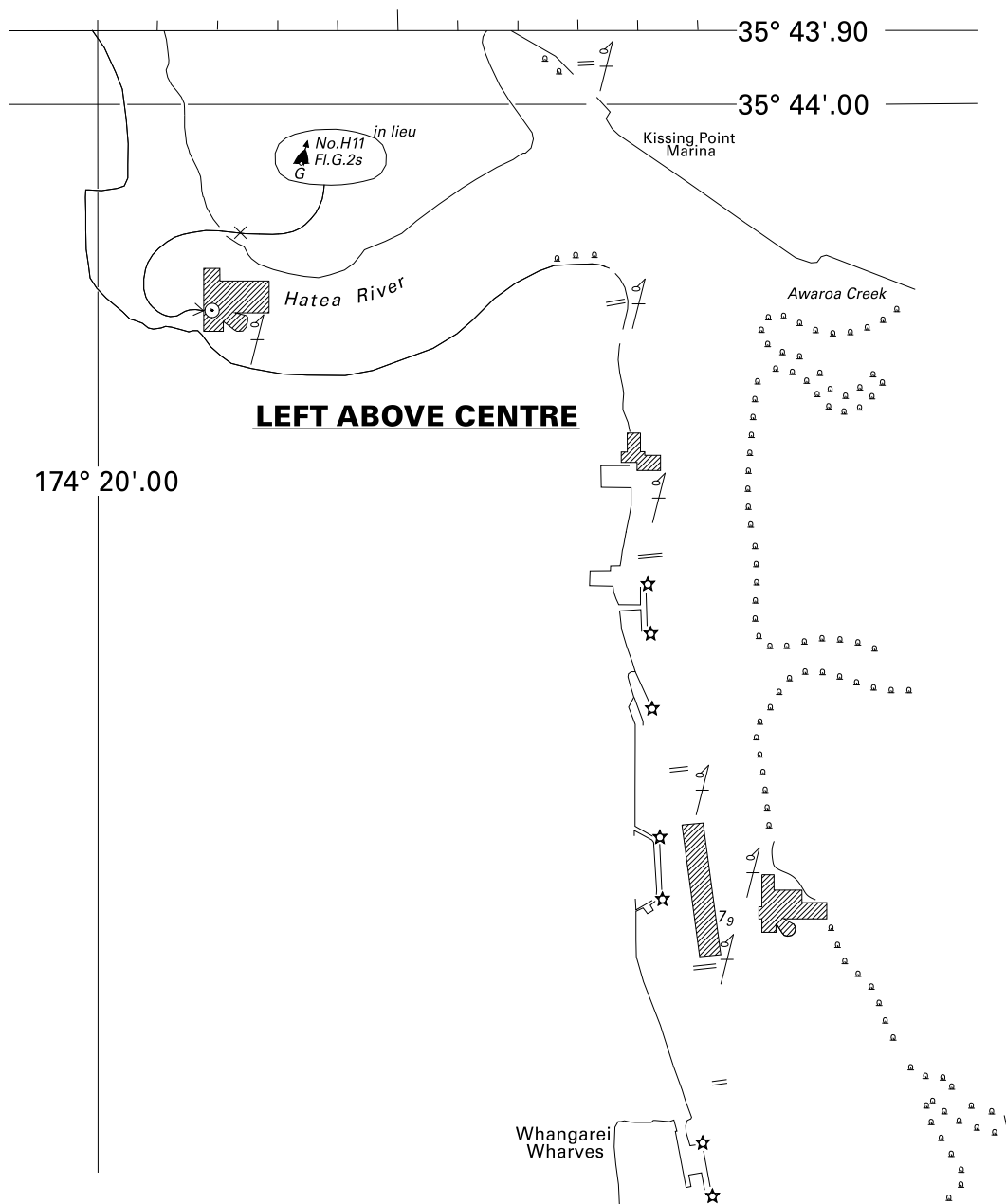
Delete  Or 35° 44'.48S., 174° 20'.89E.
 Or

 Or (b) 35° 43'.81S., 174° 20'.80E.

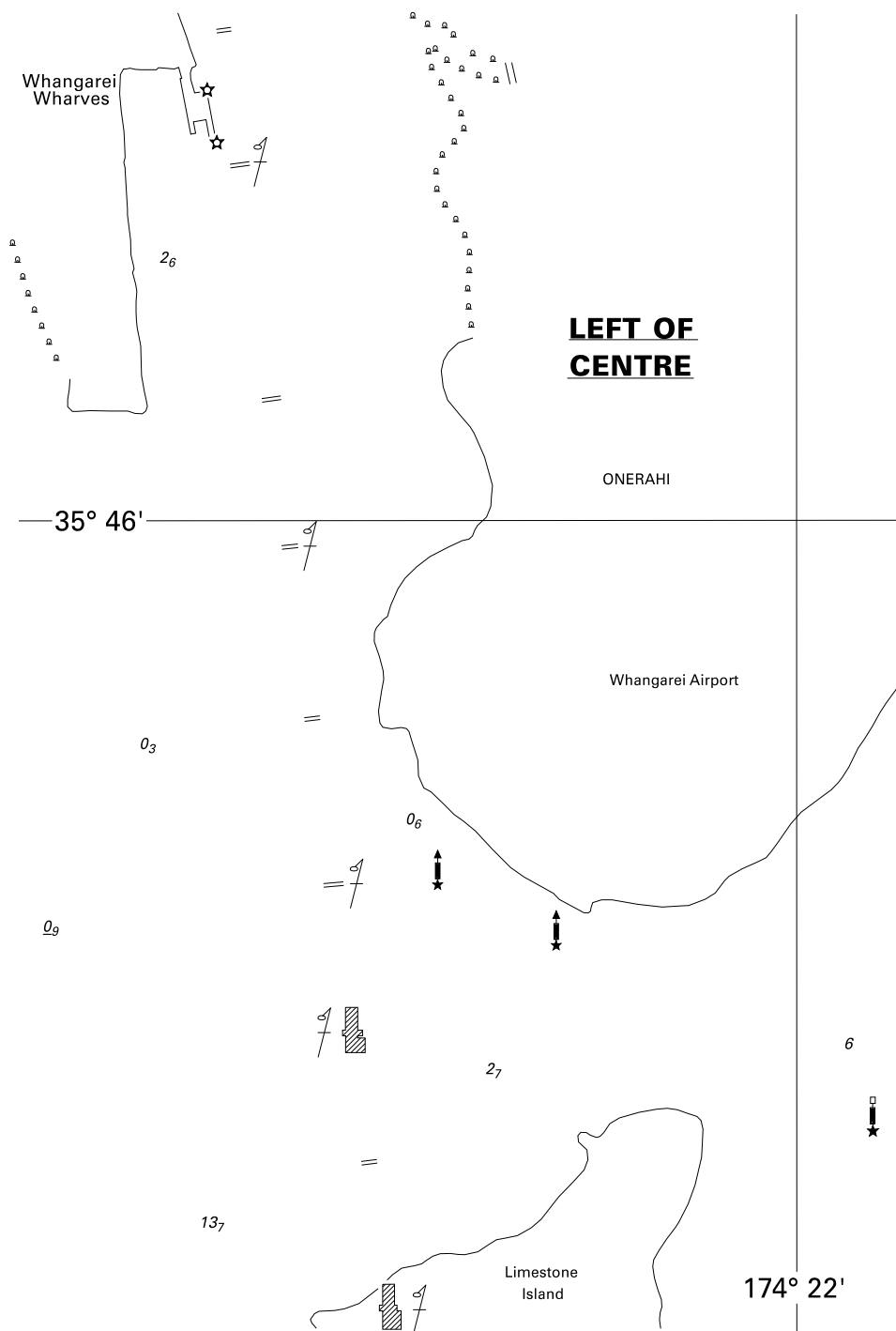
former leading line, pecked line, extending
 direction 172° from:

(b) above

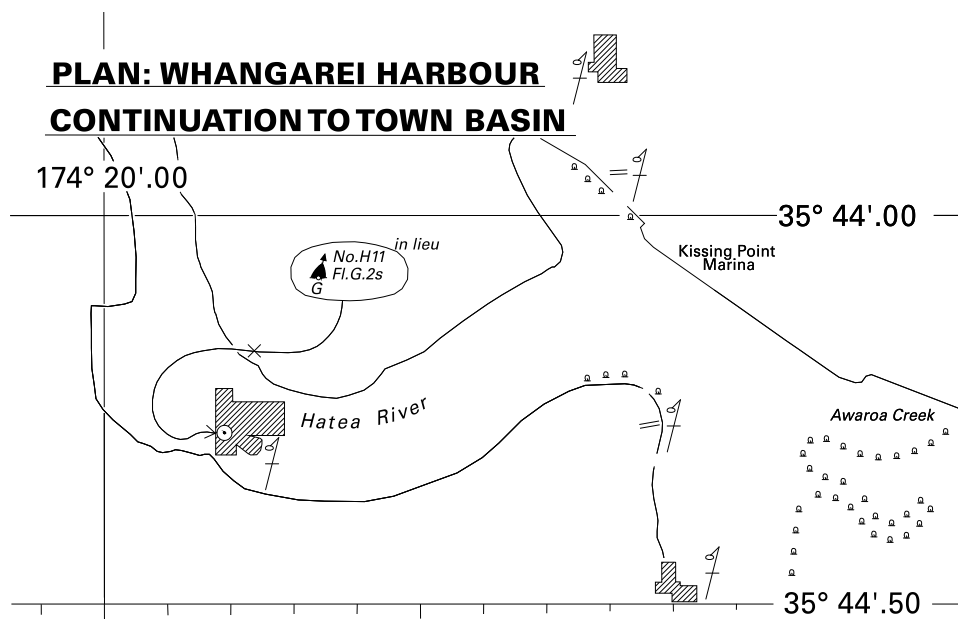
Northland Regional Council
 NZ Light List K3728.2, K3730.45
 NI 209/2009



<i>Issued as a guide to chart correction.</i>		<i>Use in conjunction with the appropriate NZ Notice to Mariners.</i>
LAST CORRECTION	NZ NTM No.	CHART No.
NZ 140/09	NZ 198/09	NZ 5215



<i>Issued as a guide to chart correction.</i>			<i>Use in conjunction with the appropriate NZ Notice to Mariners.</i>		
LAST CORRECTION		NZ NTM No.		CHART No.	
NZ 140/09		NZ 198/09		NZ 5215	



<i>Issued as a guide to chart correction.</i>		<i>Use in conjunction with the appropriate NZ Notice to Mariners.</i>	
LAST CORRECTION	NZ NTM No.	CHART No.	
NZ 140/09	NZ 198/09	NZ 5215	



NZ 199/09 NEW ZEALAND – North Island – East Coast – Hauraki Gulf – Depth.

Chart NZ 21 (INT 641) [43/09]

Substitute depth 15₇ for depth 15₈ 36°25'.6S., 175°08'.0E.

Chart NZ 23 (INT 640) [43/09]

Substitute depth 15₇ for depth 15₈ 36°25'.6S., 175°08'.0E.

Chart NZ 52 [248/08]

Substitute  for  36°25'.91S., 175°07'.82E.

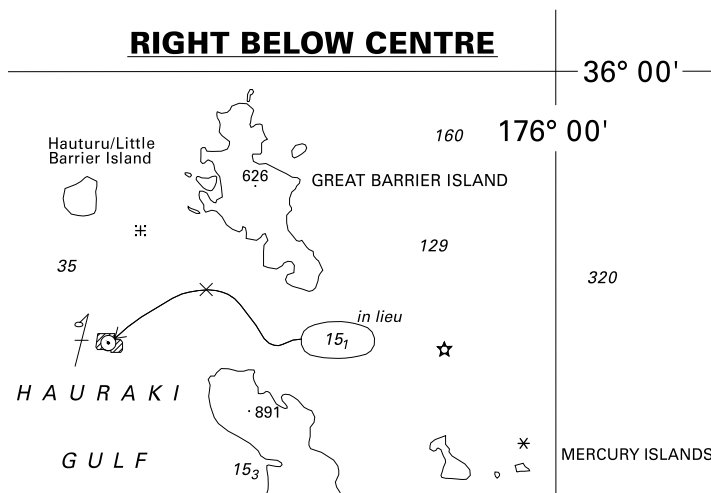
Chart NZ 53 [130/09]

Substitute  for  36°25'.91S., 175°07'.82E.

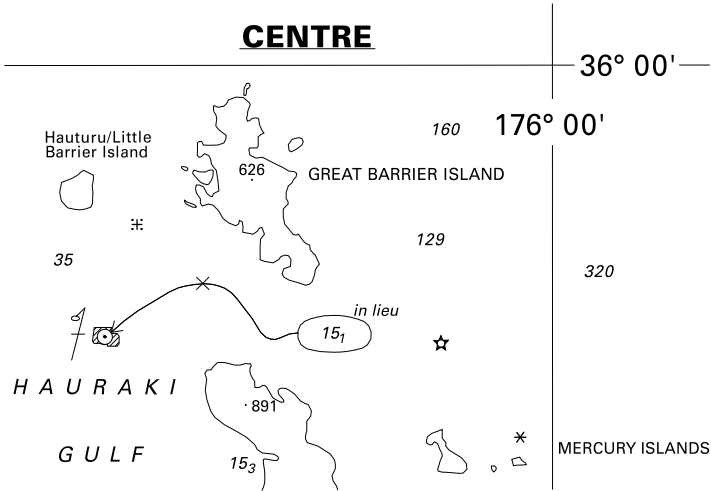
Chart NZ 522 [121/09]

Substitute  for  36°25'.91S., 175°07'.82E.

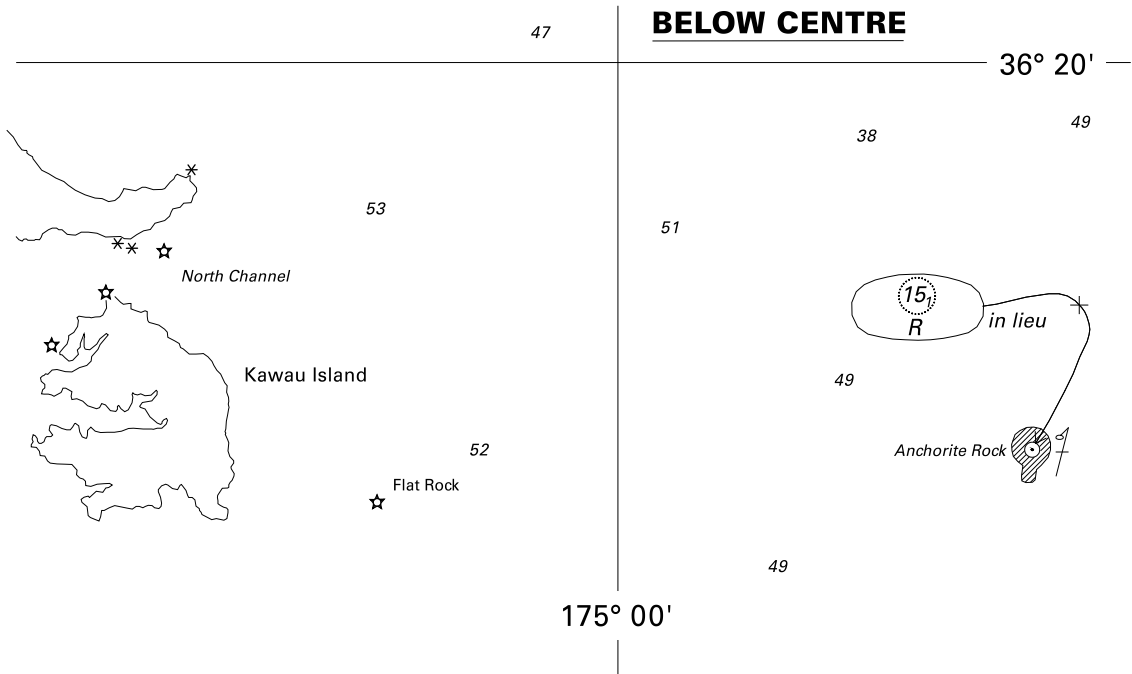
Land Information New Zealand
NI 210/2009



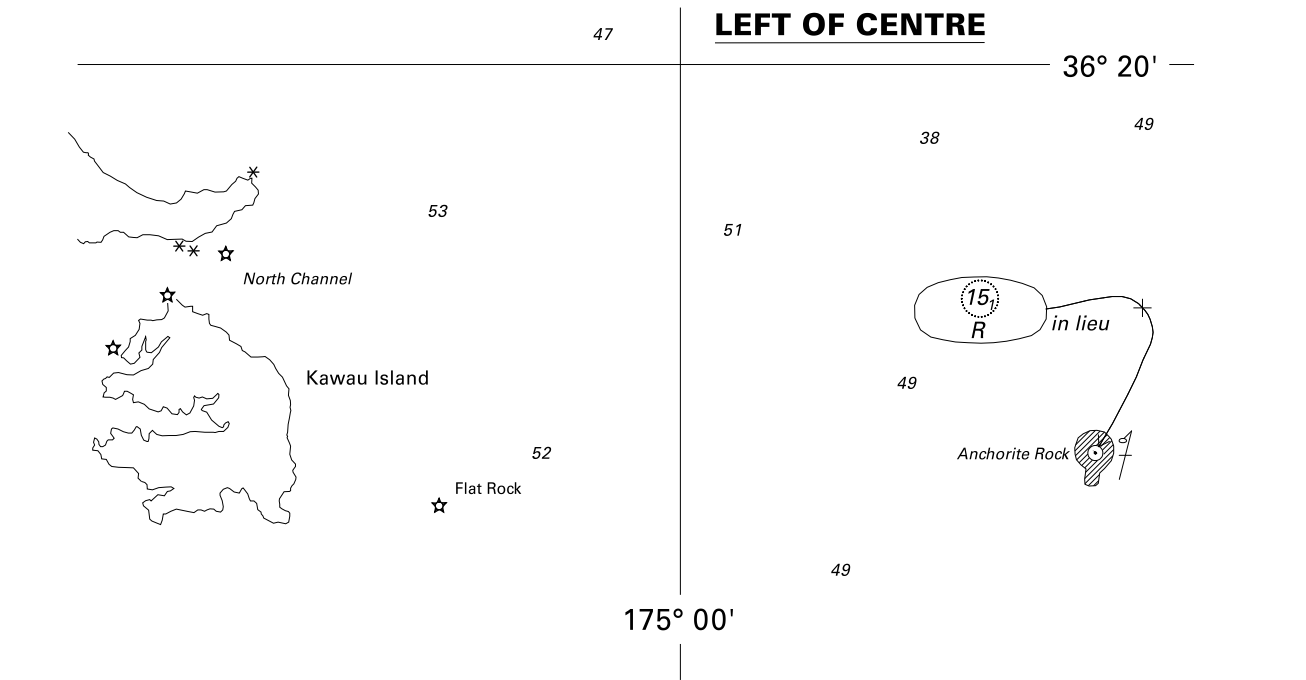
<i>Issued as a guide to chart correction. Use in conjunction with the appropriate NZ Notice to Mariners.</i>		
LAST CORRECTION	NZ NTM No.	CHART No.
NZ 43/09	NZ 199/09	NZ 21 (INT 641)



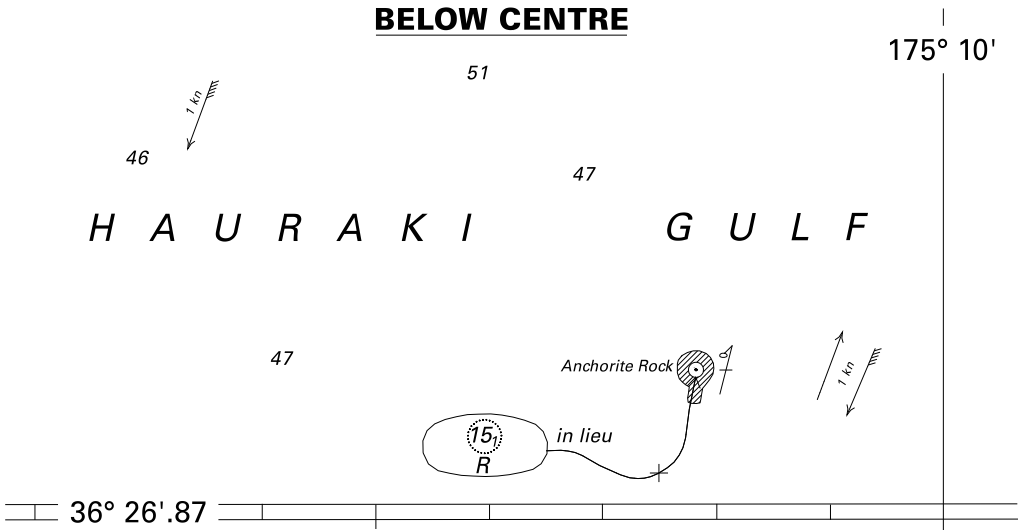
Issued as a guide to chart correction.		Use in conjunction with the appropriate NZ Notice to Mariners.
LAST CORRECTION	NZ NTM No.	CHART No.
NZ 43/09	NZ 199/09	NZ 23 (INT 640)



Issued as a guide to chart correction.		Use in conjunction with the appropriate NZ Notice to Mariners.
LAST CORRECTION	NZ NTM No.	CHART No.
NZ 248/08	NZ 199/09	NZ 52



Issued as a guide to chart correction.		Use in conjunction with the appropriate NZ Notice to Mariners.
LAST CORRECTION	NZ NTM No.	CHART No.
NZ 130/09	NZ 199/09	NZ 53



Issued as a guide to chart correction.		Use in conjunction with the appropriate NZ Notice to Mariners.
LAST CORRECTION	NZ NTM No.	CHART No.
NZ 121/09	NZ 199/09	NZ 522

NZ 200(T)/09 SOUTH WEST PACIFIC – Maritime Safety Broadcasts.

Former Notice – NZ 162(T)/09 is cancelled.

Optimum R/T frequencies within Navarea XIV

The accompanying diagrams show the optimum R/T calling and working frequency bands and times for navigational warnings broadcast within 1000 nautical miles of Taupo Maritime Radio (ZLM) (38°50'S., 176°00'E. approx.) for the period November 2009 to January 2010.

Australian Government IPS Radio and Space Services
NI 208/2009

NZ 201(T)/09 NEW ZEALAND – North Island – East Coast – Tutukaka Harbour – Light, Buoy.

1. The Tutukaka Harbour Front Leading Light, Fl.R.3s3m5M, in position 35°36'.89S., 174°31'.98 has been temporarily replaced with a port lateral buoy, Q.R. until further notice.
2. Mariners are advised to exercise caution when navigating in the area.

Charts temporarily affected – NZ 521 – NZ 5212

Northland Regional Council
NZ Light List K3712.1
NI 221/2009

NZ 202(T)/09 NEW ZEALAND – North Island – East Coast – Rangitoto Channel – Light.

1. The Rangitoto Channel Rear Leading Light, Dir.Oc.WRG.2s, in position 36°50'.65S., 174°51'.66 is unlit until further notice
2. Mariners are advised to exercise caution when navigating in the area.

Charts temporarily affected – NZ 53 – NZ 532 – NZ 5322 – NZ 5324 – NZ 5325 – NZ305322 – NZ405324 – NZ505322 – NZ505325

Ports of Auckland Ltd
NZ Light List K3746.1
NI 220/2009

NZ 203(T)/09 NEW ZEALAND – North Island – West Coast – South Taranaki Bight – Drilling Operations.

Former Notice – NZ 178(T)/09 is cancelled.

1. Until further notice drilling activities will be performed by the *ENSCO 107* Jack-Up Drilling Rig (call sign A8GS5) in the Maari oil field south westward of Cape Egmont, the vicinity of the FPSO Roroa, approx position 39°58'.36S., 173°17'.86E.
2. The MV *Pacific Warlock* (call sign 9VKQ4) and MV *Yeo Tide* (call sign YJUM6) will be servicing the jack up drilling rig.
3. Mariners are requested to exercise caution when navigating in this area. Vessels should keep at least 5 nautical miles clear of the rig.

Charts temporarily affected – NZ 45 – NZ 48

OMV New Zealand Ltd
NI 222/2009

NZ 204(T)/09 NEW ZEALAND – North Island – West Coast – North Taranaki Bight – Waverider Buoy.

1. A lit waverider buoy, Fl(5)Y.20s, has been laid in position 38°24'.95S., 174°01'.54E. until further notice.
2. Mariners are advised to exercise caution when navigating in the area.

Charts temporarily affected – NZ 43 – NZ 443 – NZ300443

MetOcean Solutions Ltd
NI 219/2009

**NZ 205(T)/09 NEW ZEALAND – South Island – East Coast – Lyttelton Harbour – Godley Head –
Current Meter.**

1. A current meter marked by a yellow buoy, Q(5)Y.20s, has been deployed in position 43°35'.27S., 172°49'.04E until the end of November 2009.
2. Mariners are advised to exercise caution when navigating in the area.

Charts temporarily affected – NZ 632 – NZ 6321

Cawthron Institute.
NI 218/2009

III

CORRECTIONS TO NEW ZEALAND LIGHT LIST (NZ NTM Edition No.22 dated 30 October 2009)

NEW ZEALAND NAUTICAL ALMANAC 2009/10 LIGHT LIST SECTION

3712.1	- Ldg Lts 270°07' Front	35 36.89 174 31.98	Fl R 3s	3	5	Red <input type="checkbox"/> on red pile beacon 2	Destroyed: port lateral light buoy Q.R. in-situ (T) 2009 *
3728.2	Delete from list						
3730.45	Delete from list						
3746.1	- Rear 1.5 M from front	36 50.65 174 51.66	Dir Oc WRG 2s	8	W21 R16 G16	Red <input type="checkbox"/> on white pile	ec 0.3. OcG 140.6°-141.6° (1'), OcW 141.6°-142.6° (1'), OcR 142.6°-143.8° (1.2'), QR 143.8°-145° (1.2'), QG 139.6°-140.6° (1') TE 2009 *
			Q RG				
			By day		4		

(NI 209, 220, 221/2009)

IV

CORRECTIONS TO PUBLICATIONS (NZ NTM Edition No.22 dated 30 October 2009)

Nil

V

NAVIGATIONAL WARNINGS

Navarea XIV warnings in force 28 October 2009

NAVAREA XIV

(South West Pacific)

053/09 SOUTH PACIFIC OCEAN. CHART NZ14061 (INT 61), BA4064 (INT 64)

1. Hazardous operations space debris. 012120 UTC to 012220 UTC Nov 09 in area bounded by:
 - A. 47-00S,154-00W
 - B. 47-00S,110-00W
 - C. 53-00S,110-00W
 - D. 53-00S,154-00W
2. And 022110 UTC to 022210 UTC Nov 09 in area bounded by:
 - A. 47-00S,158-00W
 - B. 47-00S,114-00W
 - C. 53-00S,114-00W
 - D. 53-00S,158-00W
3. Cancel this message 022310 UTC Nov 09

054/09 SOUTH PACIFIC. CHART NZ22 (INT 639)

1. Underwater earthquake activity reported in vicinity 25-53S 177-11W.
2. Mariners are advised gas may be present at the sea surface and to keep watch for discoloured water.

VI

CORRECTIONS TO ADMIRALTY LIST OF RADIO SIGNALS

(NZ NTM Edition No.22 dated 30 October 2009)

Nil

IPS Radio and Space Services
Local Area Mobile Predictions

NOV 2009 – JAN 2010

NAVAREA XIV

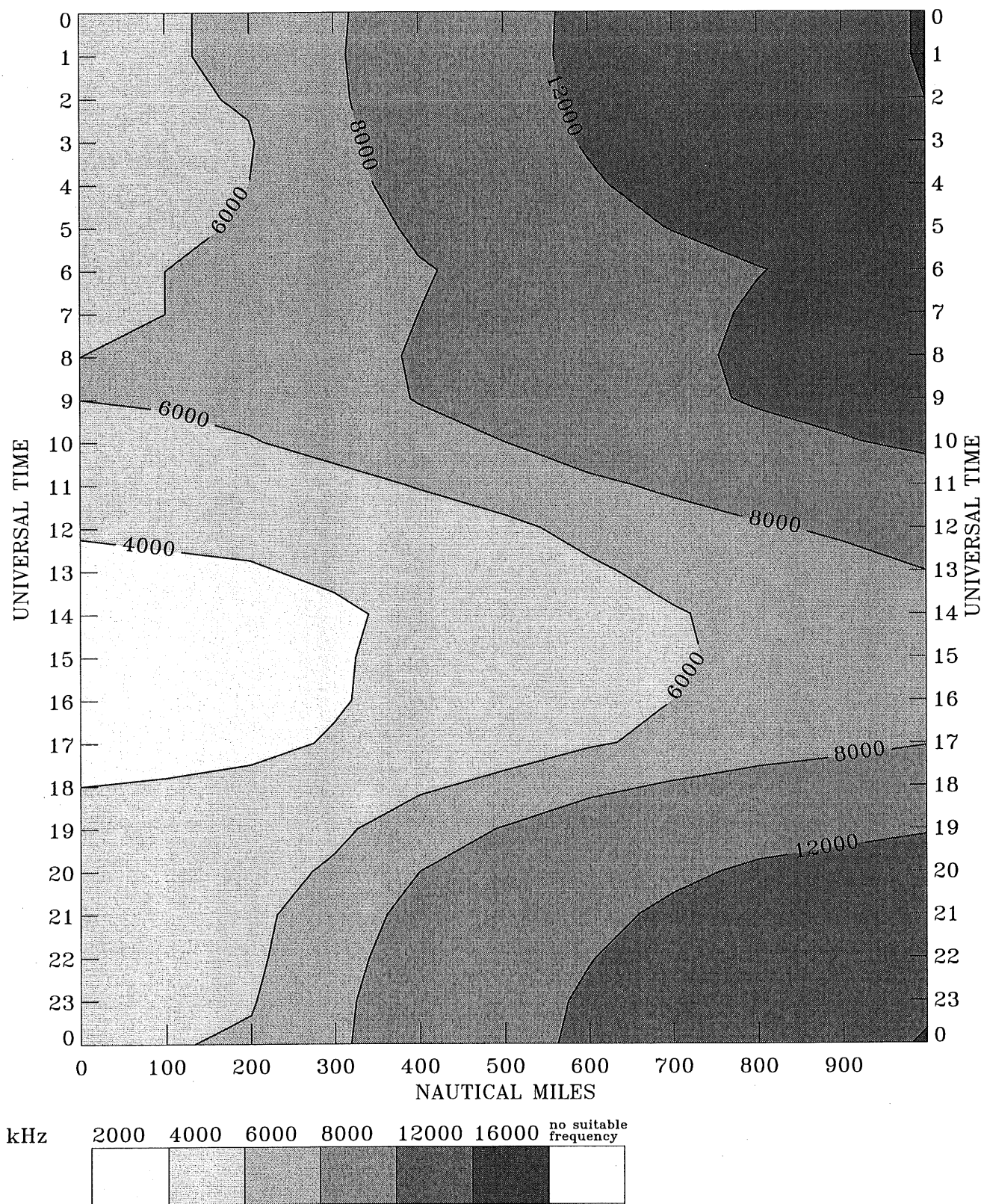
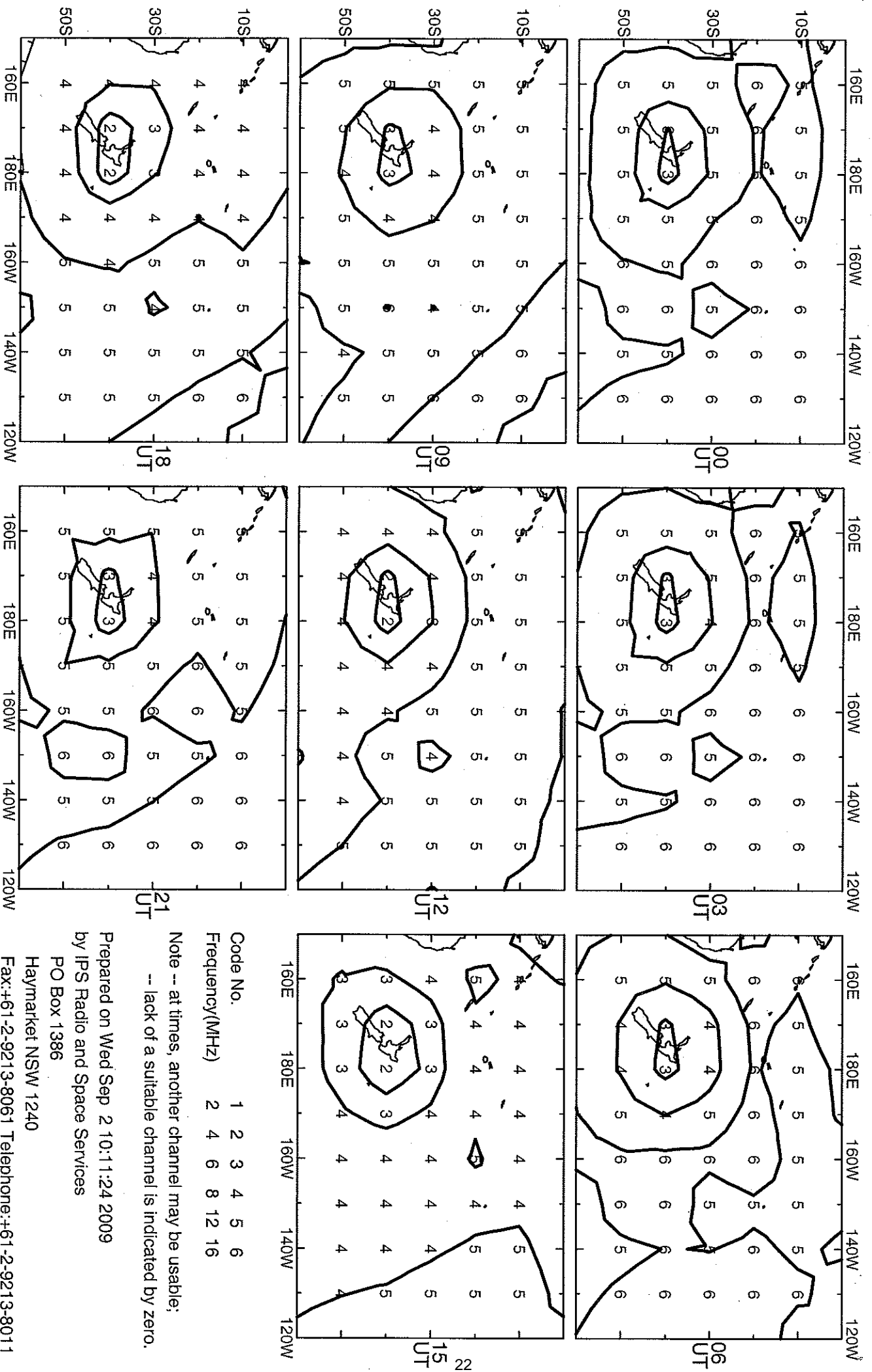


Chart: 1

Address No: 9038

Recommended frequency bands for communication with Taupo NOVEMBER 2009 - JANUARY 2010





HYDROGRAPHIC NOTE

(For instructions, see next page)

LINZ Hydrographic Services
 National Office
 PO Box 5501
 Lambton Quay
 Wellington 6145
 New Zealand

Tel: 0800 665 463
 Fax : +64 4 460 0161
 Email: info@linz.govt.nz

Date Ref.No.

Name and address of ship or sender

.....

Tel/Fax/Telex/Email of sender

General locality

Subject

Position. Lat. Long.

Position fixing system used

Datum

Charts affected Edition

Dated

Latest Notice to Mariners held

Publications affected (Edition No. and date of latest supplement, page no, ID no. etc)

Details:

A replacement copy of Chart No.
 is required (see Instruction 4).

Signature of observer/reporter

HYDROGRAPHIC NOTE

Forwarding Information for Charts and Hydrographic Publications

Note: An acknowledgement of receipt will be sent and the information then used to the best advantage, which may mean immediate action or inclusion in a revision in due course. When a Notices to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received in a foreign Notices to Mariners. An explanation of the use of contributions from all parts of the world would be too greater task and a further communication should only be expected when the information is of outstanding value or has unusual features.

INSTRUCTIONS:

1. Mariners are requested to notify LINZ Hydrographic Services, National Office, Land Information New Zealand, PO Box 5501, Lambton Quay, Wellington 6145, New Zealand, when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications seem to be necessary. The *Admiralty* publication, *The Mariner's Handbook* (NP 100), "Chapter 8", gives general instructions.
2. This form and its instructions have been designed to help both the sender and the recipient. It should be used, or followed, closely, whenever appropriate. Copies of this form may be obtained gratis from LINZ Hydrographic Services at the address above, or in PDF format directly from the LINZ website at www.linz.govt.nz.
3. When a position is defined by sextant angles or bearings (true or magnetic being specified) more than two should be used in order to provide a check. Distances observed by radar should be quoted. However, when there is a series of fixes along a ship's course, only the method of fixing and the objects used need to be indicated. Latitude and longitude should only be used specifically to position the details when they have been fixed by astronomical observations or GPS and a full description of the method, equipment and datum used should be given.
4. A cutting from the largest scale paper chart is the best medium for forwarding details, the alterations and additions being shown thereon in red. When requested, a new copy will be sent in replacement of a chart that has been used to forward information, or when extensive observations have involved defacement of the observer's chart. If it is preferred to show the amendments on a tracing of the largest scale chart (rather than the chart itself) these should be in red as above, but adequate detail from the chart must be traced in black ink to enable the amendments to be fitted correctly.
5. When soundings are obtained, *The Mariners Handbook* (NP 100) should be consulted. The echo sounding trace should be marked with times, depths, etc., and forwarded with the report. It is important to state whether the echo sounder is set to register depths below the surface, or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be made where necessary. The make, name, and type of echo sounder set should also be given.
6. Modern echo sounders frequently record greater depths than the set's nominal range, e.g. with a set whose maximum is 500m a trace appearing at 50m may in fact be 550m or even 1,050m. Erroneous deep soundings beyond the sets nominal range can usually be recognised by the following:
 - (a) The trace being weaker than normal for the depth registered
 - (b) The trace appearing to pass through the transmission line
 - (c) The "feathery" nature of the trace.
7. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
8. Reports of shoal soundings, uncharted dangers and navigational aids out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 30 metres or 15 fathoms may be of sufficient importance to justify a radio message.