

NEW ZEALAND NOTICES TO MARINERS

Notices

NZ 173 – 179

© Crown Copyright 2009. All rights Reserved. Permission is not required to make analogue copies of these Notices but such copies are not to be sold.

CONTENTS

- I [Explanatory Notes.](#)
- II [New Zealand Notices to Mariners.](#)
- III [Corrections to New Zealand Light List.](#)
- IV [Corrections to Sailing Directions and New Zealand Publications.](#)
- V [Navigational Warnings. \(NAVAREA XIV\)](#)
- VI [Corrections to Admiralty List of Radio Signals.](#)

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.18 dated 4 September 2009)

NZ Chart No.	NZ Notices	INT Chart No.	Notices
NZ 43	NZ 179(T)		
NZ 45	NZ 178(T)		
NZ 48	NZ 178(T), 179(T)		
NZ 68	NZ 173		
NZ 69	NZ 173		
NZ 76	NZ 173		
NZ 443	NZ 179(T)		
NZ 681	NZ 173		
NZ 5214	NZ 177(T)		
NZ 6212	NZ 176		
NZ 6821	NZ 173		
NZ 7621	NZ 173		
NZ 7622	NZ 173		
NZ 7624	NZ 173		
NZ 7625	NZ 173		
NZ 7653	NZ 173		
NZ 7655	NZ 173		
NZ 7656	NZ 173		
ENC Cell	Notices		
NZ300443	NZ 179(T)		

II

NEW ZEALAND TEMPORARY AND PRELIMINARY NOTICES IN FORCE

(NZ NTM Edition No.18 dated 4 September 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: Research Instruments
35/08	T	NZ 614	Motueka River: Current Meter
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
48/09	T	NZ 6321	Sumner Head: Buoy
95/09	T	NZ 521	Bream Bay: Scientific Moorings
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
156/09	T	NZ 7142	Greymouth Hr.: Depths
162/09	T		Maritime Safety Broadcasts
164/09	T	NZ 4314, NZ404314	Manukau Hr.: Depths
178/09	T	NZ 45, 48	S. Taranaki Bight: Drilling Operations

NZ 173/09	NEW ZEALAND PUBLICATIONS – (1) New Charts Published.			
<i>Chart</i>	<i>Published Date</i>	<i>Title and other remarks</i>	<i>Scale 1:</i>	<i>Page of 14th. Edition NZ 202</i>
NZ 7621	Aug 09	Milford Sound / Piopiotahi <i>New chart compiled from existing and new survey data with new area of coverage.</i> Milford Sound / Piopiotahi: 44°28'.80S – 44°42'.00S 167°44'.10E – 167°56'.10E Deep Water Basin and Fresh Water Basin: 44°39'.800S – 44°41'.400S 167°54'.000E – 167°56'.000E	25 000 10 000	22 & 23
NZ 7625		Thompson Sound and Doubtful Sound / Patea <i>New chart compiled from existing and new survey data with new area of coverage.</i> Thompson Sound and Doubtful Sound / Patea: 45°07'.20S – 45°20'.80S 166°49'.90E – 167°02'.20E Neck Cove and Deas Cove: 45°11'.000S – 45°12'.000S 166°58'.100E – 166°58'.800E Patea Passage (Goal Passage): 45°16'.500S – 45°17'.600S 166°51'.800E – 166°53'.600E	25 000 7 500 10 000	22 & 23
NZ 7655	Aug 09	Breaksea Sound <i>New chart compiled from existing and new survey data with new area of coverage.</i> 45°34'.00S – 45°42'.50S 166°26'.80E – 166°45'.60E	25 000	22 & 23
NZ 7656	Aug 09	Dusky Sound <i>New chart compiled from existing and new survey data with new area of coverage.</i> Dusky Sound: 45°41'.50S – 45°50'.10S 166°26'.80E – 166°45'.60E Continuation of Dusky Sound: 45°42'.40S – 45°46'.00S 166°42'.30E – 166°48'.60E	25 000 25 000	22 & 23

Continued

Continued

– (2) New Editions Published.

<i>Chart</i>	<i>Published Date</i>	<i>Title and other remarks</i>	<i>Scale 1:</i>	<i>Page of 14th Edition NZ 202</i>
NZ 68	Aug 09	Nugget Point to Raratoka Island (Centre Island) <i>New edition compiled from existing and new survey data.</i> 46°20'.00S – 47°48'.00S 167°45'.00E – 170°05'.00E	200 000	14 & 15
NZ 69	Aug 09	Stewart Island / Rakiura <i>New edition compiled from existing and new survey data.</i> 46°08'.00S – 47°45'.40S 167°00'.00E – 168°33'.00E	200 000	14 & 15
NZ 76	Aug 09	Western Approaches to Foveaux Strait <i>New edition compiled from existing and new survey data.</i> 44°33'.00S – 47°20'.00S 165°34'.00E – 168°00'.00E	300 000	14 & 15
NZ 681	Aug 09	Approaches to Bluff and Riverton / Aparima <i>New edition compiled from existing and new survey data.</i>		22 & 23
		Approaches to Bluff and Riverton / Aparima: 46°20'.70S – 46°55'.80S 167°45'.00E – 169°02'.00E	100 000	
		Riverton / Aparima 46°20'.20S – 46°23'.30S 168°00'.00E – 168°05'.00E	40 000	
NZ 6821	Aug 09	Bluff Harbour and Entrance <i>New edition compiled from existing and new survey data.</i>		22 & 23
		Bluff Harbour and Entrance 46°33'.50S – 46°39'.90S 168°19'.10E – 168°25'.00E	12 000	
		Port of Bluff 46°35'.150S – 46°36'.010S 168°19'.200E – 168°21'.210E	7 000	
NZ 7622	Aug 09	Milford Sound/Piopiotahi to Sutherland Sound <i>New edition compiled from existing and new survey data.</i> 44°27'.50S – 44°48'.00S 167°15'.00E – 167°59'.50E	60 000	22 & 23

Continued.

Continued

– (2) New Editions Published.

<i>Chart</i>	<i>Published Date</i>	<i>Title and other remarks</i>	<i>Scale 1:</i>	<i>Page of 14th. Edition NZ 202</i>
NZ 7624	Aug 09	Charles Sound to Dagg Sound <i>New edition compiled from existing and new survey data.</i> Charles Sound to Dagg Sound 44°58'.90S – 45°30'.90S 166°43'.00E – 167°12'.50E Deep Cove 45°27'.10S – 45°28'.00S 167°08'.70E – 167°10'.10E	60 000 10 000	22 & 23
NZ 7653	Aug 09	Breaksea Sound and Dusky Sound <i>New edition compiled from existing and new survey data.</i> 45°29'.00S – 45°50'.10S 166°15'.60E – 167°01'.00E	60 000	22 & 23

– (3) Chart Permanently Withdrawn.

<i>Chart</i>	<i>On Publication of New Chart/New Edition</i>	<i>Date</i>
NZ 68	NZ 68	Aug 09
NZ 69	NZ 69	Aug 09
NZ 76	NZ 76	Aug 09
NZ 681	NZ 681	Aug 09
NZ 6821	NZ 6821	Aug 09
NZ 7622	NZ 7622	Aug 09
NZ 7624	NZ 7624	Aug 09
NZ 7653	NZ 7653	Aug 09

Land Information New Zealand
 NI 178/2009

NZ 174/09 NEW ZEALAND PUBLICATIONS – Raster Navigational Charts.

LINZ Raster Navigational Charts

From 2 September 2009, the *NZMariner* August 2009 Update file will be available from the LINZ website www.linz.govt.nz/hydro/nzmariner.

NZMariner Raster Navigational Charts (RNC) can only be used in conjunction with compatible viewing software called Electronic Charting Systems (ECS).

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.maritimenz.govt.nz.

Paper copies of Official New Zealand Charts can be purchased from LINZ chart retailers.

Further details can be found in the New Zealand Nautical Almanac (NZ204), Annual New Zealand Notices to Mariners, No.1 and on the LINZ website www.linz.govt.nz

Land Information New Zealand
NI 177/2009

NZ 175/09 BRITISH ADMIRALTY PUBLICATIONS – New Edition Published.

<i>NP No.</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP 204-10	Admiralty Tide Tables, Volume 4, Pacific Ocean (including Tidal Stream Tables)	13/08/09	-

UKHO Weekly Edition 33/09
NI 174/2009

NZ 176/09 NEW ZEALAND – South Island – North East Coast – Kaikoura Peninsula – South Bay – Lights, Leading Line.

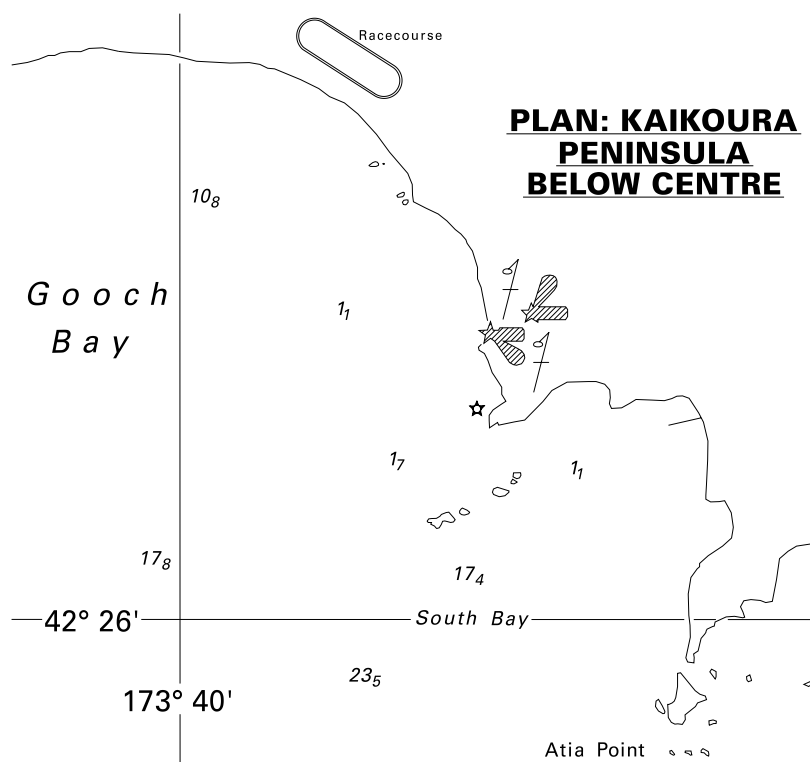
Chart NZ 6212 (plan, Kaikoura Peninsula) [60/04]

Delete	light	42° 25'.39S.,	173° 40'.90E.
	light	42° 25'.34S.,	173° 41'.02E.

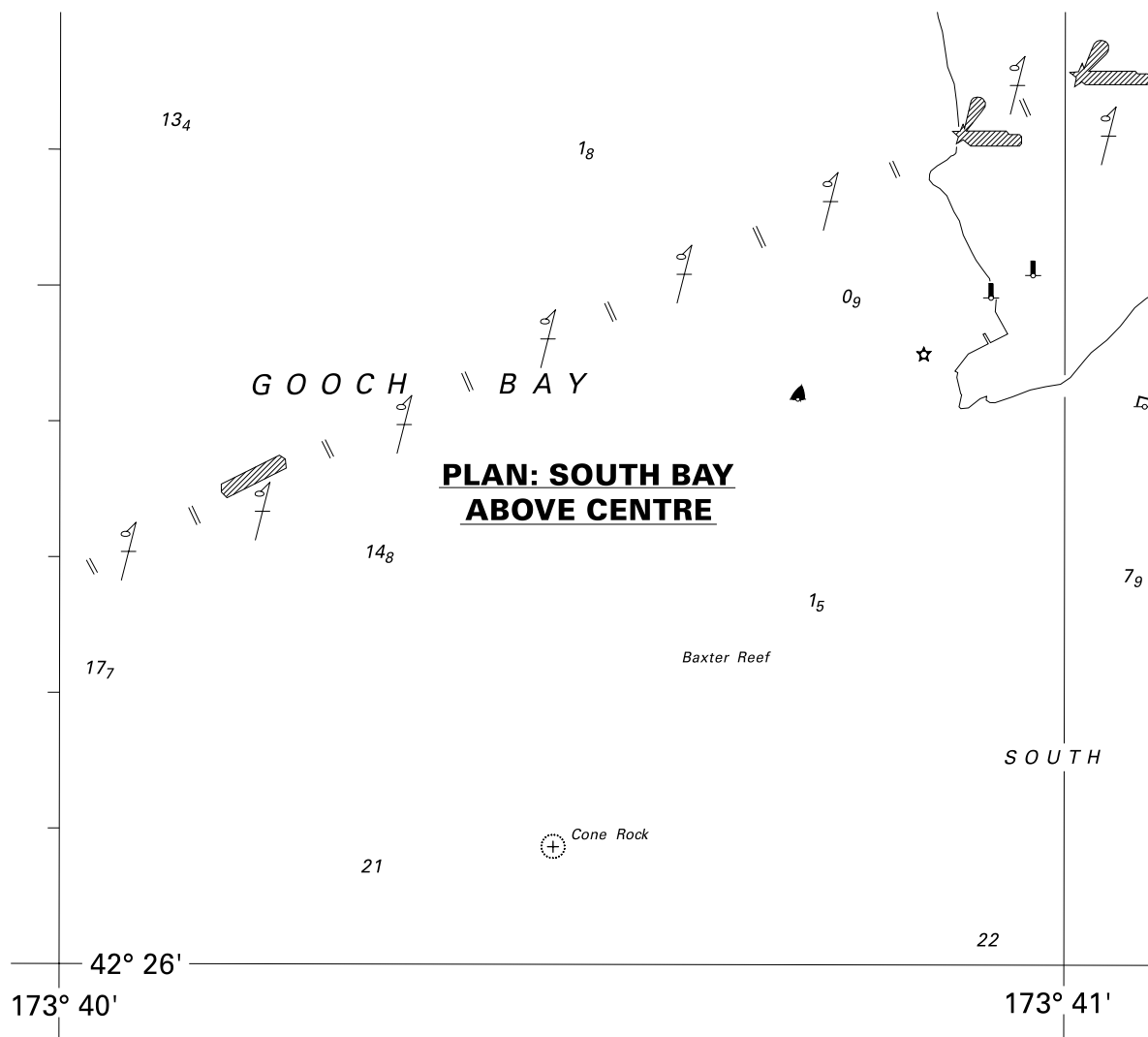
Chart NZ 6212 (plan, South Bay)

Delete	light	(a) 42° 25'.388S.,	173° 40'.899E.
	light	42° 25'.344S.,	173° 41'.017E.
	former leading line, pecked and firm line, and associated legend $\neq 63^{\circ}42'$, extending direction 244° from:		(a) above

Environment Canterbury
 NZ Light List K4278, 4278.1
 NI 163/2009



<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 60/04	NZ 176/09	NZ 6212	



<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 60/04	NZ 176/09	NZ 6212

NZ 177(T)/09 NEW ZEALAND – North Island – East Coast – Marsden Point – Works Complete.

Former notice – NZ 171(T)/09 is cancelled.

Cancel this notice on receipt.

Chart formerly affected – NZ 5214

Northland Regional Council
NI 176/2009

NZ 178(T)/09 NEW ZEALAND – North Island – West Coast – South Taranaki Bight – Drilling Operations.

Former notice – NZ 216(T)/08 is cancelled.

1. Until the end of October 2009 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 179/2009

**NZ 179(T)/09 NEW ZEALAND – North Island – West Coast – North Taranaki Bight – Underwater
Operations Complete.**

Former notice – NZ 149(T)/09 is cancelled.

Cancel this notice on receipt.

Charts formerly affected – NZ 43 – NZ 48 – NZ 443 – NZ300443

Shell Exploration NZ Ltd
NI 180/2009

III

CORRECTIONS TO NEW ZEALAND LIGHT LIST (NZ NTM Edition No.18 dated 4 September 2009)

NEW ZEALAND NAUTICAL ALMANAC 2009/10 LIGHT LIST SECTION

4278 Delete from list

4278.1 Delete from list

(NI 163/2009)

IV

CORRECTIONS TO PUBLICATIONS (NZ NTM Edition No. 18 dated 4 September 2009)

NEW ZEALAND CHART CATALOGUE (NZ202) 14TH EDITION

Page /Chart No.

Page 15

SOUTH ISLAND

NZ 68 *Amend* New Edition date to 8/2009

NZ 69 *Insert* New Edition date 8/2009

NZ 76 *Amend* New Edition date to 8/2009

Page 23

SOUTHERN ZONE

NZ 681 *Amend* New Edition date to 8/2009

NZ 6821 *Amend* New Edition date to 8/2009

NZ 7621 *Insert*

7621 Milford Sound / Piopiotahi 25 000 8/2009
Deep Water Basin and Fresh Water Basin 10 000

NZ 7622 *Amend* New Edition date to 8/2009

Delete Deep Water Basin 15 000
Harrison Cove..... 15 000
Anita Bay 15 000

NZ 7624 *Insert* New Edition date 8/2009

Delete Deas Cove 7 500

NZ 7625 *Insert*

7625 Thompson Sound and Doubtful Sound / Patea..... 25 000 8/2009
Neck Cove and Deas Cove..... 7 500
Patea Passage (Goal Passage)..... 10 000

NZ 7653 *Insert* New Edition date 8/2009

Continued.

IV

Continued

NZ 7655

Insert

7655 Breaksea Sound 25 000 8/2009

NZ 7656

Insert

7656 Dusky Sound 25 000 8/2009

Page 30

NUMERICAL CHART LIST

NZ 6821

Amend

Scale to 12 000

NZ 7621

Insert

7621 25 000 23

NZ 7625

Insert

7625 25 000 23

NZ 7655

Insert

7655 25 000 23

NZ 7656

Insert

7656 25 000 23

NI 178/2009

V

NAVIGATIONAL WARNINGS

Navarea XIV warnings in force 2 September 2009

NAVAREA XIV

(South West Pacific)

Nil

VI

CORRECTIONS TO ADMIRALTY LIST OF RADIO SIGNALS

(NZ NTM Edition No.18 dated 4 September 2009)

VOLUME 6, PART 4, NP 286(4), 2009/10

Published B A Wk 30/09

(Last Amendments: BA Weekly Edition No. 32 dated 06 August 2009)

**PAGE 68, AUSTRALIA, MELBOURNE including PORT PHILLIP,
Victoria, Vessel Traffic Service, after PROCEDURE section.**

Insert the following:

DYNAMIC UNDER KEEL CLEARANCE (DUKC):

(1) Vessels with a draught of 10.5 metres or greater, intending to transit the Port waters of Melbourne (vessels transiting through Port Phillip Heads, the South Channel and/or between ports within Port Phillip Bay), must e-mail the completed form DUKC 01 - APPLICATION TO USE THE DYNAMIC UNDER KEEL CLEARANCE (DUKC) SYSTEM to Melbourne VTS as follows:

(a) E-mail: dukc@portofmelbourne.com

(b) Inward-bound: not more than 24h and not less than 12h prior to arrival Port Phillip Pilot Station

(c) Outward-bound: at least 4h prior to departure from the berth

(2) Form DUKC 01 can be downloaded from the Port of Melbourne website, www.portofmelbourne.com

Victorian Notices 38/09 & 105/09, Port of Melbourne, (RSDRA2009000106759), 35/09



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.