



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 10

7 March 2002

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Mariners are requested to inform the UK Hydrographic Office, Admiralty Way, Taunton, Somerset TA1 2DN immediately of the discovery of new dangers, or changes or defects in aids to navigation and of shortcomings in Admiralty charts or publications. Copies of form H 102, which is a convenient form on which to send in a report, may be obtained gratis from any Admiralty Distributor or the reproduction at the end of Section VI of the Weekly Edition of Notices to Mariners may be used. A copy of the form, which may be used as a pro forma, is also printed in the Mariner's Handbook (NP 100).

In addition to postal methods, the following additional communication facilities are available:

Notices to Mariners Website	Web: www.ukho.gov.uk
Urgent navigational information:	Fax: +44(0)1823 322352 Telex: 46464 Phone: +44(0)1823 723315 e-mail: rnwuser@ukhornw.u-net.com
Other navigational information:	e-mail: hdcfiles@ukho.gov.uk
General enquiries:	e-mail: generalenquiries@ukho.gov.uk
General Website	Web: www.ukho.gov.uk
Other matters:	Fax: +44(0)1823 284077 Telex: 46274

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GUIDANCE NOTES FOR ADMIRALTY NOTICES TO MARINERS ~ON-LINE~ (ANMO)

The Weekly Notices to Mariners (NM) updates for paper Charts and Publications can now be accessed on the United Kingdom Hydrographic Office (UKHO) Website. The latest NM Weekly is available from 12.00 Noon on the Wednesday prior to the official Publication date.

There are **no subscription fees** for access to the UKHO Notices to Mariners Website.

Access Details:

Software required: Adobe Acrobat (Portable Document Format (PDF))(Version 4.0).

Those without Adobe software can obtain Reader software through their local software provider, by clicking on the Adobe Icon on the UKHO Website Home Page, or direct from the Adobe website (www.adobe.com).

Users can access the NM Website through the UKHO corporate address:

www.ukho.gov.uk.

- This will take you to the UKHO Home Page.
- From the UKHO Home page, click on the *Notices to Mariners* button in the left-hand menu, which will open the NM Home Page.
- *The NM Home Page will then offer access to the range of Admiralty Notices to Mariners services through a series of Buttons at the top of the Page:
 - *Weekly Notices to Mariners*
 - *NM Blocks*
 - *Annual NMs*
 - *Cumulative NM List*
 - *Small Craft NMs*
 - *NM Feedback Form*
- Click on the Option you require and from the NM Home Page, and a further information page will open giving a brief explanation of each NM Service.
- Access to the Notices themselves is achieved by clicking on the File references (shown in Blue) below text on each information page.
- Click on the File you wish to view, and a series of digital NM Files will be displayed.
- Open the NM File(s) of your choice and read/print the information as required.
- To view another NM service option or return to the NM Home Page, click on the menu at the left-hand side of the page.

Direct access to Admiralty Notices to Mariners ~On-Line~ is also available at address:

www.ukho.gov.uk/notices_to_mariners.html

Access using this route will take you directly to the NM Home Page. From here, follow the instructions as detailed above from *.

Details of File Content.

Weekly Notices to Mariners.

The NM Files are segregated as follows (XX refers to the number of the week, YY refers to the year) (Example: Week 1/2001 is referenced as 01WKNM01.PDF, or week 28/2001 referenced as 28WKNM01.PDF etc):

NM_REFERENCE .PDF- contains an index of Notices to Mariners Weeks, showing the sequence of individual Notices to Mariners contained within each NM Week.

XXWKNMYY.PDF is the complete Weekly NM Booklet, including monochrome NM Blocks. There are Links between the front index page and each of the six sections of the booklet and there are further links between the geographical index and regional sections of the Section II NMs.

XXSNIIYY.PDF is a supplementary file which contains Section II chart correction Notices set out one to a page. There are Links between the Index page and individual Notices.

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DIGITAL COLOUR BLOCKS are referenced under the relevant Chart/Notice number:

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49-RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

(N.B. Digital Colour Blocks/Notes are only available from Week 30/2000).

Annual Summary of Admiralty Notices to Mariners (NP247).

The Annual Summary is published in January each year and referenced as NP247-YY (Whereas YY refers to the Year). The Annual Summary is segregated into three files as follows:

NOTICES 1-24.PDF - contains the series of Annual statutory Notices to Mariners, numbers 1 to 24. There are Links between the Index Page and the relevant Notice.

T&P_YYYY.PDF - contains a summary of all Temporary and Preliminary Notices still in force at the beginning of the current year. (whereas YYYY refers to the year, (Example T&P_2001)). There are Links between the Index Page and the relevant Geographical Sections.

AMENDS TO SDS.PDF - contains a cumulative summary of Amendments to Sailing Directions. There are Links between the Index Page and the amendments to each individual Volume of the Sailing Directions.

Cumulative Lists of Admiralty Notices to Mariners (NP234A and B).

The Cumulative NM files are segregated as follows (NP 234A refers to the January Edition, NP234B refers to the July edition and YY refers to the year) (Example: The July 2001 edition of the Cumulative List is referenced as NP234B-01):

NP234X-YY (whereas X refers to the Half yearly edition and YY refers to the year) gives the historical index of paper chart NM corrections, referenced by Admiralty chart number. At present, there are no links to actual Notices to Mariners.

Small Craft Notices to Mariners (NP246 A,B,C and D).

The Small Craft Notices to Mariners (SCNM) files are segregated as follows (NP246A February, NP246B May, NP246C July and NP246D October. YY refers to the year) (Example: The July 2001 edition of the SCNMs is referenced as NP246C-01):

NP246X-YY - (Whereas NP 246X refers to the Quarterly edition and YY refers to the Year) contains the quarterly SCNMs, referenced under the relevant Navigational Publication (NP) number (Example NP246C/01). There are links between the Index Page and the Geographical Sections. The full colour NM Blocks and Notes are available as separate files (see *Digital Colour Blocks and Notes* below).

DIGITAL COLOUR BLOCKS and NOTES are referenced under the relevant Chart/Notice number:

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49-RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

NM Feedback Form.

If you have any comments or information regarding Admiralty Notices to Mariners, please complete the Form provided, and Email it to generalenquiries@ukho.gov.uk.

Recommended PC/Printers/materials: For optimum results when viewing and printing material from the digital files please note the following:

- The minimum specification is a 486 PC with Windows 3.1 and 4MB of RAM.
- When printing data from the files, ensure the 'Fit to Page' icon in the Adobe Acrobat print menu is 'switched off' before printing. Otherwise large text pages will be compressed, or large size Blocks may not fit the chart.

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- If printing text or monochrome NM Blocks, the minimum specification is an Ink-jet or good quality Laser *Postscript* printer with at least 6 MB of memory. (NB. If using a *Postscript* printer, ensure the *Postscript printer driver* is installed).
- For printing Colour NM Blocks the minimum specification of printer is a good quality Ink Jet/Laser printer with 300 dpi resolution or greater.
- If using certain types of Ink Jet printer ensure the setting is set to 'Dithered screening' not 'Pattern screening'.
- Printed colour copies should be compared with the colour image 'on screen' to ensure that all the colours have reproduced correctly. Printer property resolution and ink density may need to be increased or adjusted to obtain the best results.
- Ensure the Colour Ink Cartridge is in accordance with the printer manufacturer's specifications.
- Minimum paper specification for printing Colour NM Blocks is International paper size A4, thickness/weight 80 gsm paper. (The same paper as used for NM Blocks in the NM Weekly).
NB. (Ensure the paper quality is in accordance with the Printer manufacturer's specifications).

Help-Line

If you experience any difficulties, please contact the UKHO Help-Line on:

Tel: +44 (0) 1823 337900 Ext.3342

Fax: +44 (0) 1823 331945

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

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I

EXPLANATORY NOTES

Dating

Weekly Notices are dated for the Thursday appropriate to the week they are issued and include notices up to the preceding Saturday, the date of printing.

Charts and Positions

The notices in Section II give instructions for the updating of standard navigational charts and selected thematic charts in the Admiralty series. Geographical **positions** refer to the horizontal **datum** of the current edition of the largest scale chart unless otherwise stated. Where overlapping and smaller scale charts covering the area of the notice are referred to different datums, the positions appropriate to each chart are identified by a lettering system. At small scales the position shift between the various horizontal datums may be too small to plot and thus the positions will be quoted only at the datum of the largest scale chart. Positions 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. Where **Small Craft Products** are referred to different horizontal datums than the standard navigational chart; for that geographical area positions in the notices cannot be plotted directly on the Small Craft products. Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward. Symbols referred to are those shown on chart 5011.

Depths and heights are given in metres or fathoms and/or feet (abbreviated m, fm, ft, respectively).

Blocks and notes accompanying notices in Section II are placed within Section II.

Temporary and Preliminary Notices

These are indicated by (T) or (P) after the notice number. They are printed on one side of the paper in order that they may be cut up and filed and are placed at the end of Section II. To assist in filing, the year is indicated after the notice number and an in-force list is published monthly. **Information from these notices is not included on charts before issue;** charts should be updated in pencil on receipt.

Original Information

A star adjacent to the number of a notice indicates that the notice is based on original information.

Further guidance

The Mariner's Handbook (NP 100) gives a fuller explanation of the limitations of charts. Annual Notice 9 gives the UKHO policy for the promulgation and selection of safety-critical information for charts. Details of chart updating methods can be found in NP294, "How to correct your charts the Admiralty way", published October 1997. All users are advised to study these publications.

Lights

When a light is affected by a notice its Light List number is quoted. The detailed amendment to the List of Lights is given in Section V and may be published in an earlier edition than the chart-updating notice. The entire entry for each light amended will be printed (including minor changes) and an asterisk (*) will denote which column contains a significant amendment. In the case of a new light, an asterisk (*) will appear under **all** columns. New and extensively altered entries are intended to be pasted in. It is recommended that a manuscript entry is made for all shorter corrections.

It is emphasised that the List of Lights is the primary source of information on lights and that many alterations, especially those of a **temporary but operational** nature, are promulgated **only** as corrections to the List of Lights.

The range of a light is normally the nominal range, except when the responsible authority quotes luminous or geographical range.

Radio Signals

When a chart-updating notice is issued for a radiobeacon its Admiralty List of Radio Signals Volume 2 reference number is quoted, followed in parentheses by the number of the Weekly Edition containing (in Section VI) the corresponding amendment to the service details.

The amendments in Section VI should be cut up and pasted in the appropriate volumes.

Sailing Directions

Amendments to Sailing Directions are given in Section IV. Those in force at the end of the year are reprinted in the Annual Summary of Notices to Mariners. A list of amendments in force is published in Section IV of the Weekly Edition for the last week of each month.

It is recommended that amendments are kept in a file with the latest list of amendments in force on top. The list should then be consulted when using the parent book to see if any amendments, affecting the area under consideration, are in force. It is not recommended that amendments be stuck in the parent book or current supplement, but, if this is done, when a new supplement is received care must be taken to retain those amendments issued after the date of the new supplement, which may be several months before its receipt on board.

Radio Navigational Warnings

See Note at the start of Section III.

Updating

Updating information is published by Weekly Notices to Mariners supplemented by radio warnings for items of immediate importance. It should be borne in mind that they may be based on reports which cannot always be verified before promulgation, and that it is sometimes necessary to be selective and promulgate only the more important items to avoid overloading users; the remainder being included in revised editions of the charts and publications concerned.

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EXPLANATORY NOTES

Laws and Regulations

While, in the interests of the safety of shipping, the UK Hydrographic Office makes every endeavour to include in its publications details of the laws and regulations of all countries appertaining to navigation, it must be clearly understood:—

- (a) that no liability whatsoever can be accepted for failure to publish details of any particular law or regulation, and
- (b) that publication of the details of a law or regulation is solely for the safety and convenience of shipping and implies no recognition of the international validity of the law or regulation.

Reliance on Charts and Associated Publications

While every effort is made to ensure the accuracy of the information on Admiralty 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 he can place on the information given, bearing in mind his 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 must 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.

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 7 March 2002

Chart	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙3783	Qatar, Mesaieed (Musay' id or Umm Said). 24°50'·50N. — 24°58'·60N., 51°32'·00E. — 51°45'·00E. <i>A new chart at a scale of 1:20,000 providing improved coverage of the recently surveyed approach channels. The horizontal datum is referred to WGS84 datum. This chart cancels the plan of Mesaieed on Chart 3786.</i>	1:20,000	40	58	£16·30

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 7 March 2002

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙1080	Baltic Sea - Gulf of Finland, Approaches to Helsinki. <i>Includes new submarine cables and firing practice areas, new and revised restricted areas and changes to depths throughout.</i> <i>Note: On publication of this New Edition Former Notice 2278(P)/01 is cancelled. This chart is to be deleted from the list of charts affected by Former Notices 1205(P)/01, 2565(P)/01 and 2566(P)/01.</i>	1:55,000	11	32	£16·30
1301	Japan, Ports in Western Honshū. Sakai. Approaches to Sakai and Naka Umi. Hamada. Approaches to Hagi. Hagi. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i> <i>Note: On publication of this New Edition Former Notice 3533(T)/99 is cancelled.</i>	1:20,000 1:40,000 1:20,000 1:60,000 1:30,000	55	80, 82	£16·30
1304	Japan, Ports in North-West Honshū. Kanazawa Kō. Tsuruga Kō. Approaches to Tsuruga Kō. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i> <i>Note: This chart remains affected by Former Notice 1087(T)/02.</i>	1:20,000 1:15,000 1:40,000	55	80	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 7 March 2002 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
1305	Japan, Honshū - North-West Coast, Wakasa Wan, Approaches to Miyazu Kō and Maizuru Kō. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:50,000	55	80	£16·30
1323	Japan, Honshū - North-West Coast, Tsuno Shima to Tako Hana. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:250,000	55	80, 82	£16·30
1324	Japan, Honshū - North-West Coast, Hino Misaki to Naryū Saki. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i> <i>Note: On publication of this New Edition Former Notice 2332(T)/00 is cancelled.</i>	1:250,000	55	80	£16·30
1325	Japan, Honshū - North-West Coast, Kyōga Misaki to Wajima Kō including Wakasa Wan. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:250,000	55	80	£16·30
1326	Japan, Honshū - West Coast, Ama Saki to Niigata including Sado Shima. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:250,000	55	80	£16·30
1335	Japan, Honshū - North-West Coast, Ports in Wakasa Wan. Miyazu and Kunda Wan. Maizuru. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:20,000 1:20,000	55	80	£16·30
1342	Japan, Ports in North-West Honshū. Ⓐ Nanao-Nan Wan. Ⓑ Fushiki and Shinminato. Ⓒ Naoetsu. Ⓓ Toyama. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:30,000 1:20,000 1:15,000 1:20,000	55	80	£16·30

*UK (RRP) means UK recommended retail price.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 7 March 2002 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
1347	Japan, Honshū - North-West Coast, Toyama Wan. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:75,000	55	80	£16·30
⊙3518	Gulf of Oman, Ports and Anchorages on the North-East Coast of Oman. (A) Muscat (Masqat) to Mīnā' al Faḥl. 1:30,000 (B) Port Sultan Qāboos and Muscat (Masqat). 1:12,500 (C) Bandar Jiṣṣah. 1:20,000 (D) Bandar Khayrān. 1:20,000 (E) Qalhāt LNG Terminal. 1:30,000 22°38'·71N. — 22°42'·00N., 59°21'·56E. — 59°30'·00E. (F) Sur. 1:30,000 22°33'·27N. — 22°37'·10N., 59°29'·80E. — 59°33'·40E. <i>Includes a new plan of Qalhat LNG Terminal. Plan, 'Khawr al Ḥajar and Khawr al Jarāmah, has been removed. On plan Sur the limits and scale have been amended to provide improved coverage.</i>		40	54	£16·30
⊙3787	Qatar, Approaches to Mesaieed (Musay' id or Umm Said) and Doha (Ad Dawḥah). <i>This partial new edition is limited to include the new dredged Mesaieed East Channel, marked by light-buoys and a new pilot boarding place. The chart is now referred to WGS84 datum.</i> <i>Note: On publication of this New Edition Former Notice 4211(P)/01 is cancelled. This chart remains affected by Former Notice 4137(P)/99.</i>	1:50,000	40	58	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 4 APRIL 2002

New Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
2344 INT 1365	International Chart Series, Baltic Sea - Germany, Kieler Förde, Inner Part. 54°18'·05N. — 54°24'·35N., 10°06'·10E. — 10°14'·30E. Ⓐ Plöschowhafen. 54°22'·66N. — 54°23'·40N., 10°09'·60E. — 10°10'·60E. Ⓑ Sporthafen Wik. 54°21'·04N. — 54°21'·16N., 10°08'·47E. — 10°08'·82E. Ⓒ Sporthafen Düsternbrook. 54°20'·195N. — 54°20'·46N., 10°09'·32E. — 10°09'·67E. Ⓓ Möltenort. 54°22'·38N. — 54°22'·61N., 10°11'·60E. — 10°11'·87E. Ⓔ Sporthafen Mönkeberg. 54°21'·095N. — 54°21'·31N., 10°10'·50E. — 10°10'·77E. Ⓕ Ostuferhafen. 54°19'·85N. — 54°20'·33N., 10°09'·90E. — 10°10'·65E. Ⓖ Ostseekai to Bahnhofskai. 54°18'·63N. — 54°19'·86N., 10°07'·87E. — 10°09'·55E. <i>A replacement for Chart 696. This chart is now referred to WGS84 datum. (This chart is a modified reproduction of INT 1365 originally published by Germany).</i>	1:12,500 1:6,000 1:3,000 1:3,000 1:3,000 1:3,000 1:6,000 1:6,000	696

Reproductions of Australian Government Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
Aus 144	Australia - South Coast, Victoria, Approaches to Port Phillip. 38°15'·24S. — 38°24'·13S., 144°28'·00E. — 144°45'·42E. <i>A new chart providing improved coverage of the Approaches to Port Phillip. The horizontal and vertical datums are referred to WGS84 and LAT respectively.</i>	1:25,000	-

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 4 APRIL 2002

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
120 INT 1479	International Chart Series, Netherlands and Belgium, Westerschelde, Vlissingen to Baalhoek and Terneuzen - Gent Canal. Ⓐ Breskens. Ⓑ Braakmanhaven. Ⓒ Terneuzen (Anchorage). Ⓓ Continuation to Gent (at same scale). Ⓔ Gent. Ⓕ Approaches to Terneuzen. Ⓖ Vlissingen Oost (Sloehaven). Ⓗ Terneuzen. Ⓘ Vlissingen.	1:40,000 1:20,000 1:25,000 1:20,000 1:40,000 1:25,000 1:25,000 1:25,000 1:25,000 1:25,000	120 INT 1479
<i>This partial new edition is limited to include changes to depths and buoyage in the channels between Terneuzen and Hansweert.</i>			
254	West Indies - Leeward Islands, Montserrat and Barbuda. Montserrat. Barbuda. Little Bay. 16°47'·70N. — 16°48'·56N., 62°12'·20W. — 62°12'·96W. <i>Includes changes to coastline and depths around Montserrat. A plan of Little Bay replaces the existing plan of Plymouth Anchorage as port of entry. The chart is now referred to WGS84 datum.</i>	 1:50,000 1:60,000 1:7,500	254
1260	China, Yellow Sea, Ports on the Coast of Shandong Bandao. Ⓐ Yantai and Approaches. Ⓑ Approaches to Weihai. Ⓒ Weihai.	 1:40,000 1:40,000 1:15,000	1260
<i>A partial new edition limited to include changes to buoyage, restricted areas and depths in Yantai and approaches.</i>			
1536 INT 1557	International Chart Series, England - East Coast, Approaches to Great Yarmouth and Lowestoft. Ⓐ Great Yarmouth Haven. Ⓑ Great Yarmouth Haven. Ⓒ Approaches to Lowestoft. Ⓓ Lowestoft Harbour, Outer Harbour to Lake Lothing. Ⓔ Lowestoft Harbour, Lake Lothing.	1:40,000 1:6,250 1:6,250 1:20,000 1:6,250 1:6,250	1536 INT 1557
<i>Includes changes to depths from the latest British Government and ABP Lowestoft surveys.</i>			

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 4 APRIL 2002

New Editions of Admiralty Charts (continued)

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
2741	Indian Ocean - Comores Archipelago, Ile de Mayotte. <i>Includes changes to depths, lights, buoyage, beacons, names and landmarks within the areas of larger scale Charts 2756 and 2757.</i>	1:100,000	2741

Reproductions of Australian Government Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
Aus 58	Australia - North West Coast, Western Australia, Port of Dampier. <i>Includes new anchorage areas and general updating throughout. The horizontal datum is now referred to WGS84 datum.</i>	1:37,500	Aus 58

Reproductions of New Zealand Government Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
NZ 56	New Zealand, North Island - East Coast, Table Cape to Blackhead Point. <i>Includes new magnetic variation information. The horizontal datum has been referred to WGS84 datum.</i>	1:200,000	NZ 56
NZ 5322	New Zealand, North Island - East Coast, Auckland Harbour. Commercial Harbour. Calliope Wharves. <i>Includes the latest survey information.</i>	1:18,000 1:7,500 1:5,000	NZ 5322

II

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

Admiralty Charts

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>On publication of New Chart/New Edition</i>
1080	Baltic Sea - Gulf of Finland, Approaches to Helsinki.	⊙1080
1301	Japan, Ports in Western Honshū.	1301
1304	Japan, Ports in North-West Honshū.	1304
1305	Japan, Honshū - North-West Coast, Wakasa Wan, Approaches to Miyazu Kō and Maizuru Kō.	1305
1323	Japan, Honshū - North-West Coast, Tsuno Shima to Tako Hana.	1323
1324	Japan, Honshū - North-West Coast, Hino Misaki to Naryū Saki.	1324
1325	Japan, Honshū - North-West Coast, Kyōga Misaki to Wajima Kō including Wakasa Wan.	1325
1326	Japan, Honshū - West Coast, Ama Saki to Niigata including Sado Shima.	1326
1335	Japan, Honshū - North-West Coast, Ports in Wakasa Wan.	1335
1342	Japan, Ports in North-West Honshū.	1342
1347	Japan, Honshū - North-West Coast, Toyama Wan.	1347
3518	Gulf of Oman, Ports and Anchorages on the North-East Coast of Oman.	⊙3518
3787	Qatar, Approaches to Umm Said (Musay'id) and Doha (Ad Dawḥah).	⊙3787

⊙ denotes chart available in the ARCS series.

II

URGENT – IMPORTANT NAVIGATIONAL INFORMATION.

ADMIRALTY CHART 1366 APPROACHES TO PINANG HARBOUR, MALAYSIA.

Some copies of Chart 1366 have been printed with a large part of the MAGENTA overprint missing, resulting in the omission of magenta detail in the bottom portion of the chart, south of latitude 5° 17'0N.

Initial print runs of the chart are not affected by this problem, however recent reprints are likely to be affected.

Users are asked to check the printing date shown on the reverse side of the chart. Affected charts are those with batch numbers 102106, 102107 and 102108. This can be found on the thumb label headed "FOR UKHO USE ONLY", followed by 10963 then the batch number. Affected charts can also be clearly identified by the lack of the magenta legend "DEPTHS IN METRES" in the lower right margin. If you have a faulty copy, please contact your Admiralty Chart Agent who will arrange to exchange your chart for a correctly printed copy.

Until then, affected versions of Chart 1366 can continue to be used but caution must be exercised. Reference can be made to Chart 3944 which shows most of the missing magenta detail at a reduced scale.

Missing magenta details significant to navigation are:

1. Submarine cable areas with prohibited anchorage between:
 - a. P. Rimau and T Tel. Tempoyak (5° 15'3N., 100° 16'4E. approx).
 - b. P. Aman and Batu Musang (5° 15'9N., 100° 24'0E. approx).
2. Submarine cables joining the following approximate positions:
 - 5° 16'8N., 100° 19'3E.(existing cable)
 - 5° 14'2N., 100° 17'7E.
 - 5° 14'3N., 100° 16'0E.
 - 5° 16'4N., 100° 16'1E.(shore)
 - and
 - 5° 16'4N., 100° 16'1E.(shore)
 - 5° 14'2N., 100° 15'6E.
 - 5° 11'4N., 100° 16'0E.
 - 5° 04'6N., 100° 19'4E. (S. border)
3. Harbour Limit between T Tel. Tempoyak and Batu Musang (latitude 5° 15'95N.)
4. Pilot boarding place in position 5° 13'6N., 100° 16'2E.
5. Light flares at all lights, light-beacons and light-buoys south of latitude 5° 17'0N.
6. Note in the bottom left corner of the chart under the title:

ENTRY RESTRICTED
(5° 21'N, 100° 21'E approx)
Vessels of more than 5 metres in height or 30
metres in length must obtain written permission
from the Port Officer, Pinang, before entering the
area.

If you require any further information please contact:

Product Manager (Charts)
The United Kingdom Hydrographic Office
Admiralty Way
Taunton
Somerset
TA1 2DN

Tel: +44 (0) 1823 337900 ext.4806
Fax: +44 (0) 1823 334917
E-mail: generalenquiries@ukho.gov.uk

II

ADMIRALTY DISTRIBUTOR INFORMATION

Catalogue of Admiralty Charts (NP131), 2002 Edition, Part 1, and Annual Notice 2/02 refer.

The following amendments to Admiralty Chart Agents appointments:

- (a) **The following are no longer Admiralty Authorised Distributors of Digital Products, but continue to be Authorised Distributors of Paper Products:**

AUSTRALIA	FREMANTLE	THE CHART AND MAP SHOP 14 Collie Street Freemantle WA 6160
CANADA	MONTREAL	McGILL MARITIME SERVICES Inc 369 Place D'Youville Montreal Quebec H2Y 2B7
UNITED KINGDOM	BRISTOL	WF PRICE & Co Ltd Wapping Wharf Bristol BS1 6UD
	GRIMSBY	SOUTH BANK MARINE (CHARTS) Ltd Hutton Road, Fish Docks Grimbsby, NE Lincolnshire DN31 3PT
	LOWESTOFT	CHARITY & TAYLOR (ELECTRONIC SERVICES) LTD 4 Battery Green Road Lowestoft, Suffolk NR32 1DE
UNITED STATES OF AMERICA	SEATTLE	CAPTAIN'S NAUTICAL SUPPLIES Inc 2500 15 th Avenue West Seattle WA 98119
	GALVESTON	RH JOHN CHART AGENCY Inc 518 23 rd Street Galveston TX 77550
	NEW YORK CITY	NEW YORK NAUTICAL INSTRUMENT AND SERVICE CORPORATION 140 West Broadway New York City NY 10013

- (b) **The following are no longer Admiralty Authorised Distributors of Digital Products:**

UNITED KINGDOM	TILBURY	A-N-D ELECTRONICS Electron House Tilbury Freeport Tilbury, Essex RM18 7HL
UNITED STATES OF AMERICA	AUBURN	LASERPLOT Inc 48 Sword Street Auburn MA 01501

- (c) **The following is no longer an Admiralty Authorised Distributor:**

NEW ZEALAND	AUCKLAND	RNZN CHART SERVICES 19 Byron Avenue Takapuna, Auckland 9
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(d) **Change of Distributor Contact Number (Country Code):**

CYPRUS	LIMASSOL	THESEAS SAVVA LTD	Tel: +357 25 565 899 Fax: +357 25 562 917
GREECE	PIRAEUS	GA DEDEGIKAS – MAGNETICO	Tel: +30 (0)10 41 78 976 Fax: +30 (0)10 41 78 206
	PIRAEUS	VANOS SA	Tel: +30 (0)10 42 78 700 Fax: +30 (0)10 42 78 720
	PIRAEUS	ZERVOUDAKIS	Tel: +30 (0)10 46 23 700 Fax: +30 (0)10 46 27 900

(e) **Change of Distributor Address:**

PHILIPPINES	LAPU-LAPU CITY	NAVICHARTS PHILIPPINES Inc Bldg 1, Cebu Yacht Club Pusok 6015 Lapu-lapu City Philippines
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(f) **Appointment of new Admiralty Distributor (Digital Products only):**

FRANCE	MONTIVILLIERS	ELECTRONIC EQUIPMENT BP 13–12, Rue des Quatre Saisons 76290 Montivilliers France	Tel: +33 (0)2 32 79 29 60 Fax: +33 (0)2 35 20 82 75 E-Mail: electronic@electronic-equipment.net Website: www.electronic-equipment.net
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(g) **Appointment of new Admiralty Distributor (Paper and Digital Products):**

NETHERLANDS	IJMUIDEN	KELVIN HUGHES OBSERVATOR Trawlerkade 28 1976 CB Ijmuiden The Netherlands	Tel: +31 (0)255 52 62 55 Fax: +31 (0)255 52 73 80 E-Mail: paul.luijendijk@khobs.nl
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II

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM

The following is the current list of Admiralty Charts of Great Britain that are referred to a WGS84 compatible datum. Former Notice 4731(P)/00 refers.

⊙18	⊙1152	⊙1446	⊙1866	⊙2044	⊙2631
⊙26	⊙1156	⊙1464	⊙1882	⊙2045	⊙2642
⊙28	⊙1160	⊙1478	⊙1892	⊙2052	⊙2655
⊙30	⊙1161	⊙1481	⊙1900	⊙2093	⊙2656
⊙31	⊙1164	⊙1482	⊙1901	⊙2094	⊙2693
⊙32	⊙1165	⊙1484	⊙1902	⊙2151	⊙2695
⊙34	⊙1166	⊙1491	⊙1934	⊙2154	⊙2696
⊙105	⊙1167	⊙1503	⊙1951	⊙2172	⊙2793
⊙106	⊙1168	⊙1504	⊙1953	⊙2175	⊙2841
⊙107	⊙1169	⊙1512	⊙1967	⊙2253	⊙2878
⊙108	⊙1176	⊙1536	⊙1970	⊙2255	⊙3164
⊙109	⊙1178	⊙1543	⊙1971	⊙2268	⊙3271
⊙111	⊙1179	⊙1552	⊙1972	⊙2290	⊙3272
⊙121	⊙1182	⊙1594	⊙1973	⊙2345	⊙3273
⊙129	⊙1183	⊙1606	⊙1975	⊙2449	⊙3274
⊙134	⊙1185	⊙1607	⊙1977	⊙2450	⊙3275
⊙147	⊙1186	⊙1609	⊙1978	⊙2451	⊙3284
⊙148	⊙1187	⊙1610	⊙1981	⊙2454	⊙3294
⊙152	⊙1188	⊙1612	⊙1991	⊙2482	⊙3297
⊙154	⊙1190	⊙1613	⊙1994	⊙2484	⊙3298
⊙156	⊙1191	⊙1626	⊙2000	⊙2565	⊙3315
⊙160	⊙1192	⊙1627	⊙2007	⊙2566	⊙3319
⊙323	⊙1200	⊙1634	⊙2010	⊙2567	⊙3337
⊙442	⊙1267	⊙1652	⊙2011	⊙2571	⊙3418
⊙536	⊙1320	⊙1698	⊙2013	⊙2572	⊙3478
⊙777	⊙1344	⊙1826	⊙2021	⊙2610	⊙3490
⊙871	⊙1346	⊙1827	⊙2022	⊙2611	⊙3497
⊙883	⊙1410	⊙1828	⊙2035	⊙2615	⊙3683
⊙1076	⊙1411	⊙1834	⊙2036	⊙2625	⊙3741
⊙1148	⊙1413	⊙1835	⊙2037	⊙2628	⊙3746
⊙1149	⊙1438	⊙1859	⊙2041	⊙2629	⊙3750

UK Hydrographic Office (HA 405/006/006/03).

Erratum to Notice to Mariners Week 8/02.

Section I - INDEX OF CHARTS AFFECTED.

<u>Admiralty Chart No.</u>	<u>Notices</u>
Insert	
1516	867
Delete	
1513	867

⊙ denotes chart available in the ARCS series.

II

1091 MISCELLANEOUS UPDATES TO CHARTS

Chart	Previous Update	Details
38 INT 7019	583/02	Delete magenta limit and chart number, 3518, in position 22° 33'·5N., 59° 51'·2E.
127	835/02	Insert accompanying note, CAUTION: CHARTS REFERRED TO WGS84 DATUM, outside N. border adjacent to legend, DEPTHS IN METRES.
2347	3143/01	Insert accompanying note, CAUTION: CHARTS REFERRED TO WGS84 DATUM, outside N. border adjacent to legend, DEPTHS IN METRES.
2851	3744/01	Insert magenta limit and chart number, 3518, as follows: North: 22° 42'·00N. East: 59° 30'·00E South: 22° 38'·71N. West: 59° 21'·56E. Delete magenta limit and chart number, 3518, in position 22° 30'·0N., 59° 44'·3E.
3666 INT 5251	597/02	Insert accompanying note, CAUTION: CHARTS REFERRED TO WGS84 DATUM, outside N. border adjacent to, INT 5251.
3786	5112/01	Insert accompanying note, CHART 3787: POSITION, centred on 25° 15'·45N., 51° 32'·25E. Delete Plan ® Umm Said (Musay'id) and Inner Approaches. Delete Plan ® from the SOURCE DATA panel. Delete references from the SOURCE DATA panel: d 1990 1:2500. e 1985 1:2000.
3950	1051/02	Substitute accompanying note, CHARTS 3413, 3787 AND 3791: POSITIONS, for existing note, CHARTS 3413 AND 3791: POSITIONS centred on 25° 49'·70N., 52° 13'·00E. Amend reference in position 24° 49'·60N., 51° 31'·75E. to read, 3787 (see Note—POSITIONS). Amend reference in position 25° 20'·40N., 51° 48'·80E. to read, 3787 (see Note—POSITIONS).

UK Hydrographic Office.

1004* ENGLAND, South Coast — Teignmouth Harbour — Depths; Buoyage; Light—beacons; Pilot boarding places

Insert	the accompanying block, showing amendments to depths, buoyage and light—beacons, centred on:	(a) 50° 32'·55N., 3° 30'·01W. (b) 50° 31'·57N., 3° 28'·59W. (c) 50° 32'·164N., 3° 29'·039W.
Delete	①	

Note: **Positions** on all the charts affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **26** (INT 1724) (**plan, Teignmouth Harbour**) (a,c) [3965/00] — **3315** (b,c) [773/02] — **2454** (INT 1702) (b,c) [415/02]

Light List Vol. A, 2001/02, 0263, 0263.5

Admiralty List of Radio Signals Vol. 6 (1) 2001/02: (1/02)

Teignmouth Harbour Commission (HH.232/490/07).

1008* ENGLAND, East Coast — River Thames — Northfleet Hope — Broadness Northeastwards — Buoy

Insert	port—hand can light—buoy, Fl(2)R.5s	51° 28'·11N., 0° 18'·82E.
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Note: **Positions** on both charts affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **2151** (**panel A**) [765/02] — **2484** (INT 1574) (**lower panel**) [765/02]

Port of London Authority Notice 11/02 (HH.246/410/07).

1009* ENGLAND, East Coast — The Wash — Approaches to King's Lynn — Whiting Shoal — Buoy

Delete	SW(S Whiting) buoy	52° 51'·5N., 0° 17'·2E.
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Note: **Positions** on the chart affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **1200** (INT 1556) [546/02]

King's Lynn Conservancy Board Notice 5/02 (HH.242/560/15).

II

1010* ENGLAND, East Coast — Withernsea — Buoy; Outfalls; Beacon

- Insert special can light—buoy, *Fl.Y.5s* outfall joining: (a) 53° 42'·90N., 0° 04'·45E.
53° 42'·50N., 0° 03'·82E.(shore)
(a) above
- Delete port—hand beacon with topmark outfall (b) 53° 43'·84N., 0° 02'·34E.
close SW. of (b) above

Note: **Positions** on the chart affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **121** [*New Edition 31/1/02*]
UK Hydrographic Office (HH.242/590/06).

1011* SHETLAND ISLANDS — Unst — Balta Harbour — Marine farm

- Insert limit of marine farm, pecked line, joining: (a) 60° 45'·504N., 0° 49'·097W.
(b) 60° 45'·548N., 0° 49'·038W.
(c) 60° 45'·505N., 0° 48'·823W.
(d) 60° 45'·459N., 0° 48'·888W.
(e) 60° 45'·500N., 0° 48'·950W.
- symbol, marine farm

Chart [*Last correction*].— **3293 (plan, Balta Sound)** (a–d) [40/00] — **3282** (e) [4233/01]
Marine Operations Department, Shetland Islands Council (HH.270/410/05).

1012* SCOTLAND, West Coast — Loch Ryan — Cairn Point — Light

- Amend light to, *Fl(2)R.10s14m12M*,
(charts 2198 & 2199, light to, *Fl(2)R.10s12M*) 54° 58'·47N., 5° 01'·76W.

Chart [*Last correction*].— **1403** [3916/01] — **2198** [770/02] — **2199** [4562/01]
Light List Vol. A, 2001/02, 4592
Northern Lighthouse Board Notice 7/02 (HH.276/400/04).

1013* ENGLAND, South Coast — Plymouth — Hamoaze — Rubble Bank — Depths

- Insert depth 8₂ m (a) 50° 21'·915N., 4° 11'·313W.
Delete depth 8₇ m close SW. of (a) above

Note: **Positions** on all the charts affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **1901** [4343/01] — **1902** [232/02] — **1967** [4343/01] — **30** (INT 1722) [232/02] — **871** [232/02]
HM Surveying Motor Launch *Gleaner* (HH.234/400/09).

1014* ENGLAND, South Coast — Approaches to Shoreham — Depth

- Certain copies only*
Substitute depth 5₆ m for depth 6₄ m 50° 48'·07N., 0° 13'·70W.

Note: **Positions** on the chart affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **2044** (INT 1734) (**plan C, Approaches to Shoreham**) [36/02]
Naval Party 1016 (mv *Confidante*) (HH.232/700/08).

1015* CHANNEL ISLANDS — Alderney — Alderney Harbour — Braye Jetty Northeastwards — Buoy

- Delete red can light—buoy, Q(2)R.5s 49° 43'·600N., 2° 11'·845W.

Chart [*Last correction*].— **2845** [2652/99]
Harbour Master, Alderney (HH.256/440/03).

1016 NORWAY, West Coast — Finnsnesrenna — Eastern Channel — Bjørnhiet Westwards — Buoy

- Delete starboard—hand spar buoy 69° 14'·04N., 17° 58'·30E.

Chart [*Last correction*].— **3753 (plan, Finnsnesrenna)** [422/02]
Norwegian Notice 2/84/02 (HH.309/410/03).

II

1017 NORWAY, West Coast — Talgsjøen — Møyslåtten — Light

Amend range of light to, 6–4M (a) 63° 10′.21N., 7° 51′.61E.
 Insert sector at light, Iso.WRG.6s21m6–4M, as follows: (a) above
 G 071° – 080° (9°)
 Remaining sectors unchanged

Chart [Last correction].— **3104** [3923/01]

Light List Vol. L, 2002/03, 1130

Norwegian Chart 36 (HH.310/495/06).

1018 NORWAY, West Coast — Florø Havn — Måsholmsd — Trollesk Southwards — Submarine cable

Insert submarine cable joining: 61° 35′.00N., 4° 59′.65E.
 (S. border)
 61° 35′.04N., 4° 59′.68E.
 61° 35′.18N., 4° 59′.66E.
 61° 35′.21N., 4° 59′.70E.(shore)

Chart [Last correction].— **3037 (plan, Florø Havn)** [234/02]

Norwegian Notice 2/72/02 (HH.310/470/03).

1019 NORWAY, West Coast — Norskerenna — Marstein to Skotningen — Firing practice area

Insert the accompanying note, FIRING PRACTICE AREA, centred on:
 (a) 60° 17′.40N., 5° 18′.05E.
 (b) 59° 53′.00N., 5° 28′.50E.
 (c) 60° 28′.50N., 6° 11′.00E.
 (d) 59° 28′.50N., 6° 30′.00E.
 (e) 59° 11′.50N., 6° 32′.50E.
 (f) 60° 25′.00N., 7° 32′.00E.
 (g) 60° 08′.60N., 4° 52′.40E.
 (h) 60° 01′.50N., 4° 58′.30E.
 (i) 59° 53′.20N., 5° 00′.10E.
 (j) 60° 04′.00N., 4° 23′.00E.
 (k) 59° 50′.00N., 4° 44′.00E.
 (l) 60° 01′.00N., 4° 20′.00E.
 (m) 59° 47′.00N., 4° 47′.00E.
 (n) 59° 57′.00N., 4° 22′.00E.
 (o) 59° 43′.00N., 4° 46′.00E.
 (p) 60° 02′.00N., 4° 20′.00E.
 (q) 59° 46′.00N., 4° 39′.00E.

legend, *FIRING PRACTICE AREA* (see Note), centred on:

Chart [Last correction].— **3009 (a,g)** [1648/01] — **3016 (b,h,i)** [557/02] — **288 (c,j,k)** [5081/01] — **2304 (d,l,m)** [4235/01]
 — **2672 (e,n,o)** [167/02] — **2673 (f,p,q)** [5081/01]

Norwegian Chart 307 (HH.308/155/01).

1020 NORWAY, West Coast — Halsnøy Eastwards — Harbour limit

Insert harbour limit, pecked line, joining: (a) 59° 12′.69N., 5° 57′.47E.
 (existing limit)
 (b) 59° 11′.60N., 5° 59′.98E.
 (c) 59° 11′.01N., 5° 58′.75E.
 (d) 59° 10′.76N., 5° 58′.66E.
 (e) 59° 10′.65N., 5° 59′.54E.
 (existing limit)
 (f) 59° 12′.66N., 5° 57′.38E.
 (existing limit)
 (g) 59° 11′.57N., 5° 59′.89E.
 (h) 59° 10′.98N., 5° 58′.66E.
 (i) 59° 10′.73N., 5° 58′.57E.
 (j) 59° 10′.62N., 5° 59′.43E.
 (existing limit)
 (k) (a) above
 (l) (e) above
 (m) (f) above
 (n) (j) above

Delete former harbour limit, pecked line, joining:

Chart [Last correction].— **3025 (a–e,k,l)** [226/02] — **3539 (f–j,m,n)** [4663/01] — **3540 (a–e,k,l)** [4976/01]

Norwegian Chart 15 (HH.310/420/03).

1021 NORWAY, South Coast — Oslofjorden — Dramsfjorden — Drammen — Works

Insert limit of works area, pecked line, joining: (a) 59° 44′.27N., 10° 14′.06E.(shore)
 59° 44′.19N., 10° 14′.12E.
 59° 44′.24N., 10° 14′.39E.
 (b) 59° 44′.39N., 10° 14′.35E.(#)
 within (a)–(b) above

legend, *Works in progress* (2002)

Chart [Last correction].— **3712 (plan B, Drammen)** [658/02]

Norwegian Notice 2/100/02 (HH.311/500/03).

II

1022 NORWAY, South Coast — Approaches to Oslo — Holtekilen — Submarine pipeline

Insert submarine pipeline joining: 59° 54'·02N., 10° 35'·90E.(shore)
59° 54'·00N., 10° 36'·00E.
59° 54'·00N., 10° 36'·49E.(shore)

Chart [*Last correction*].— **3712 (plan A, Oslo Approaches)** [1021/02]

Norwegian Notice 2/57/02 (HH.311/420/03).

1023 NORWAY, South Coast — Oslofjorden — Torpene and Rambergskåflua Northeastwards — Buoyage

Insert isolated danger spar buoy without topmark (a) 59° 46'·07N., 10° 33'·15E.
S. cardinal spar buoy without topmark (b) 59° 52'·73N., 10° 42'·58E.

Chart [*Last correction*].— **3712 (plan C, Oslo Havn)** (b) [1022/02] — **3154** (a) [658/02]

Norwegian Notice 2/56/02 (HH.311/440/02).

1024 NORWAY, South Coast — Approaches to Fredrikstad — Rosvikrenna — Öra Westwards — Coastline; Submarine pipeline; Outfall

Insert coastline, single firm line, joining: (a) 59° 10'·957N., 10° 57'·489E.(shore)
59° 10'·942N., 10° 57'·370E.
(b) 59° 11'·050N., 10° 57'·331E.(shore)
Delete former coastline, joining: (a) above
(b) above
charted detail within (a)–(b) above

Chart [*Last correction*].— **879 (plan A, Fredrikstad and Sarpsborg)** [2305/01]

Norwegian Notice 2/58/02 (HH.311/560/02).

1025 FÆROE ISLANDS — Suðuroy — Trongisvágur — Høvdaberg Northwards — Data buoy

Insert special  ODAS Fl(5)Y.20s 61° 32'·40N., 6° 43'·99W.

Chart [*Last correction*].— **3557 (plan, Trongisvágur)** [780/02]

Danish Notice 4/16/02 (HH.330/003/10).

1027 SWEDEN, West Coast — Marstrand — Marstrandsön — Jetty; Dolphin

Insert jetty, single firm line, joining: 57° 53'·151N., 11° 35'·105E.(shore)
57° 53'·158N., 11° 35'·124E.
 57° 53'·162N., 11° 35'·131E.

Chart [*Last correction*].— **873 (plan A, Marstrand)** [4863/01]

Swedish Notice 4/48/02 (HH.317/510/02).

1026 BALTIC SEA — Sweden and Denmark — Bornholmsgat — Recommended direction of traffic flow

Insert recommended direction of traffic flow arrow (direction 040°) (a) 55° 23'·0N., 14° 37'·2E.
(b) 55° 18'·3N., 14° 30'·3E.
(c) 55° 12'·5N., 14° 21'·8E.
(d) 55° 23'·0N., 14° 37'·4E.
(e) 55° 18'·3N., 14° 30'·5E.
(f) 55° 12'·5N., 14° 22'·0E.
recommended direction of traffic flow arrow (direction 220°) (g) 55° 24'·8N., 14° 33'·4E.
(h) 55° 19'·7N., 14° 25'·8E.
(i) 55° 14'·3N., 14° 17'·9E.
(j) 55° 24'·8N., 14° 33'·6E.
(k) 55° 19'·7N., 14° 26'·0E.
(l) 55° 14'·3N., 14° 18'·1E.

Chart [*Last correction*].— **958** (INT 1336) (a–c,g–i) [*New Chart* 27/12/01] — **2360** (d–f,j–l) [789/02] — **2816** (b,h) [789/02]

Swedish Notice 4/45/02 & Danish Chart Correction 4/02 (HH.333/730/04).

1028 BALTIC SEA — Sweden, South Coast — Åhus — Lights; Buoyage; Floodlight

Substitute • for ★ Iso.G (a) 55° 55'·67N., 14° 20'·10E.
Insert symbol, floodlight at (a) above
legend, *Buoyed*, centred on: 55° 55'·60N., 14° 20'·20E.
Delete ★ Q.G 55° 55'·69N., 14° 19'·88E.
port–hand spar buoy 55° 55'·60N., 14° 20'·36E.
starboard–hand spar buoy 55° 55'·64N., 14° 20'·53E.

Chart [*Last correction*].— **2371 (plan, Åhus and Approaches)** [4665/01]

Light List Vol. C, 2001/02, 7572, 7572.1

Swedish Notice 4/46/02 (HH.315/440/02).

II

1029 BALTIC SEA — Sweden, East Coast — Stockholms Skärgård — Southern Approaches to Södertälje — Buoyage

Substitute	starboard-hand conical light-buoy, <i>Fl.G.3s</i> , for starboard-hand spar buoy	(a)	58° 47'·88N., 17° 46'·48E.
		(b)	58° 49'·74N., 17° 43'·81E.
	starboard-hand conical light-buoy, <i>Q.G.</i> , for starboard-hand spar buoy	(c)	58° 53'·92N., 17° 42'·99E.
		(d)	58° 58'·14N., 17° 43'·43E.
	starboard-hand conical light-buoy, <i>Fl(2)G.6s</i> , for starboard-hand spar buoy	(e)	59° 07'·59N., 17° 40'·92E.
		(f)	59° 07'·38N., 17° 40'·98E.

Chart [*Last correction*].— **3168 (panel A)** (*d–f*) [781/02] — **3170** (*a–c*) [*New Edition* 14/6/01] — **3147** (*a*) [3927/01]
Swedish Notices 3/36/02 & 4/50/02 (HH.318/465/04).

1030 BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Rauma — Maapää Westwards — Buoyage

Substitute	port-hand spar light-buoy with topmark, <i>Fl.R.3s</i> , for port-hand spar buoy with topmark	61° 06'·88N., 21° 26'·19E.
		61° 06'·90N., 21° 26'·78E.
	starboard-hand spar light-buoy with topmark, <i>Fl.G.3s</i> , for starboard-hand spar buoy with topmark starboard-hand spar light-buoy, <i>Fl.G.3s</i> , for starboard-hand spar buoy	61° 06'·83N., 21° 26'·19E.
		61° 06'·86N., 21° 26'·85E.

Chart [*Last correction*].— **3415 (plan E, Rauma)** [659/02]
Finnish Notice 2–3/34/02 (HH.321/710/03).

1031 BALTIC SEA — Denmark, East Coast — Storstrøm — Masnedø Northwards — Submarine power cable

Insert	submarine power cable joining:	55° 00'·15N., 11° 52'·97E. (shore)
		54° 59'·84N., 11° 52'·87E. (shore)

Chart [*Last correction*].— **2583** [665/02]
Danish Chart Correction 4/19/02 (HH.333/600/03).

1032 BALTIC SEA — Denmark, East Coast — Kattegat — Approaches to Mariager Fjord — Buoyage

Insert	starboard-hand conical light-buoy, <i>LFl.G.10s M.Fj.</i>	(a)	56° 41'·40N., 10° 29'·96E.
Substitute	starboard-hand conical light-buoy, <i>LFl.G.10s M.Fj.</i> , for former M.Fj. buoy	(b)	(a) above
		(c)	close N. of (a) above
Delete	starboard-hand conical light-buoy, <i>Fl(3)G.10s</i>		

Chart [*Last correction*].— **894** (*b*) [*New Chart* 27/12/01] — **2108** (INT 1302) (*a,c*) [432/02]
Danish Chart Correction 5/24/02 (HH.332/470/03).

1033 BALTIC SEA — Denmark, East Coast — Kattegat — Skagen Southeastwards — Wreck

Delete	○ Wk unsurveyed clearance depth 30m	57° 37'·0N., 11° 03'·0E.
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Chart [*Last correction*].— **4140** (INT 140) [167/02]
UK Hydrographic Office (HH.332/410/02).

1034 NORTH SEA — U.K. Sector — Cleeton Gas Field — Submarine pipelines

Insert	submarine pipeline joining:	(a)	54° 01'·60N., 0° 51'·14E. (E. border)
		(b)	54° 02'·32N., 0° 45'·98E. (existing pipeline) along (a)–(b) above
Delete	legend, <i>Gas</i> (<i>see Note</i>) former submarine pipeline and associated legend, <i>Gas</i> (<i>see Note</i>), joining:	(b)	above
			54° 01'·28N., 0° 51'·14E. (E. border)

Note: **Positions** on the chart affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **121** [1010/02]
UK Hydrographic Office (HH.254/447/02).

II

1035 DENMARK, West Coast — Horns Rev — Buoyage

Insert special spar light-buoy with topmark, *Fl(5)Y.20s* 55° 33'·41N., 7° 33'·06E.
 55° 32'·32N., 7° 39'·02E.
 55° 32'·22N., 7° 41'·91E.
 55° 29'·75N., 7° 49'·53E.
 55° 29'·08N., 7° 52'·17E.
 55° 29'·46N., 7° 59'·99E.
 55° 30'·20N., 8° 03'·44E.

Chart [*Last correction*].— **3768** [4780/01]
 Danish Chart Correction 4/14/02 (HH.331/420/02).

1036 NETHERLANDS — Die Ems — Mond van de Dollard — Termunterzijl — Buoy

Substitute starboard-hand conical light-buoy, *Fl.G.5s BW13*,
 for former BW13 buoy 53° 18'·70N., 7° 02'·37E.

Chart [*Last correction*].— **3510** [670/02]
 Netherlands Notice 5/93/02 (HH.340/720/02).

1037 BELGIUM — Zeebrugge Northwestwards — Thorntonbank Westsouthwestwards — Radio reporting point

Insert radio reporting point, direction of vessel movement 180°,
 centred on: 51° 31'·75N., 2° 50'·25E.

Note: **Positions** on one of the charts affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **1874** (INT 1474) [798/02] — **1872** [798/02] — **2449** [798/02] — **3371** (INT 1416) [797/02] — **1406** [797/02]

Admiralty List of Radio Signals Vol. 6(1), 2001/02: (6/02)
 Belgian Notice 26/169/01 (HH.342/130/03).

1038 NETHERLANDS — Westershelde — Schaar van Waarde and Middelgat — Depths

Insert	depth 9 ₁ m	(a)	51° 25'·75N., 4° 01'·82E.
	extend 10m contour SE. from:		51° 26'·09N., 4° 01'·12E.
	to enclose (a) above		
			and
	extend 10m contour NW. from:		51° 25'·57N., 4° 01'·97E.
	to enclose (a) above		
Substitute	depth 1 ₃ m	(b)	51° 23'·05N., 3° 55'·48E.
	depth 0 ₄ m for depth 0 ₉ m		51° 23'·10N., 3° 55'·34E.
	depth 0 ₉ m for depth 1 ₂ m		51° 25'·36N., 3° 55'·86E.
	depth 0 ₃ m for depth 1 ₈ m		51° 25'·52N., 3° 55'·93E.
	depth 1 ₇ m for depth 2 ₁ m and extend 2m contour		
	N. and S. to enclose		51° 24'·63N., 3° 55'·49E.
Delete	depth 1 ₈ m		close N. of (b) above

Chart [*Last correction*]. — **120** (INT 1479) [567/02]
 Netherlands Notice 5/90/02 (HH.340/440/03).

1039 FRANCE, West Coast — Ile de Sein, South Coast — Fog signal

Delete fog signal, Dia(1)60s, at beacon tower,
 (chart 2819, fog signal, Dia 60s, at beacon tower),
 (charts 2643 and 2655, fog signal, Dia(1)60s) 48° 01'·99N., 4° 51'·28W.

Chart [*Last correction*].— **2348** [*New Chart* 21/12/00] — **2350** [258/02] — **2819** [4366/01] — **2643** [876/02] — **2655** [*New Edition* 21/2/02]
 Light List Vol. D, 2001/02, 0858
 French Notice 52/11/01 (HH.353/405/04).

1040 SPAIN, West Coast — Bay of Biscay — San Sebastián Northwards — Data buoys

Insert special spherical light-buoy, *Fl.Y.5s ODAS* 43° 20'·59N., 1° 58'·32W.
 Delete special spherical light-buoy, *Q(5)Y.20s* (a) 43° 20'·49N., 1° 58'·62W.

Chart [*Last correction*].— **1181** (plan, San Sebastián) (a) & (plan, Approaches to San Sebastián and Pasajes) [4139/01]
 Spanish Notices 48/882/01 & 5/55/02 (HH.358/003/04).

II

1041 MEDITERRANEAN SEA — Spain, South–East Coast — Bahía de Santa Pola — Marine farm

Insert symbol, marine farm (a) 38° 07′.3N., 0° 35′.7W.
 legend, (buoyed) close E. of (a) above

Chart [Last correction].— **1700** [679/02]

Spanish Notice 4/62/02 (HH.361/500/03).

1042 MEDITERRANEAN SEA — Spain, East Coast — Castellón — Muelle Pesquero Norte — Light

Insert ★ Oc.G.5s5m2M 39° 58′.135N., 0° 01′.235E.

Chart [Last correction].— **1458 (plan F, Castellón)** [3106/01]

Light List Vol. E, 2001/02, 0229.3

Spanish Notice 4/63/02 (HH.361/570/03).

1043 MEDITERRANEAN SEA — Spain — Islas Baleares — Mallorca, East Coast — Bahía de Pollensa — Cala del Pino de la Posada — Restricted area

Insert limit of restricted area, anchoring prohibited, pecked line, joining: 39° 55′.26N., 3° 07′.83E. (shore)
 39° 55′.30N., 3° 08′.80E. (shore)

Chart [Last correction].— **2831** [574/02]

Spanish Notice 4/40/02 (HH.362/410/04).

1044 MEDITERRANEAN SEA —Italy, West Coast — Bagnoli — I. di Nisida — Porto Paone — Restricted area

Insert limit of restricted area, pecked line, joining: (a) 40° 47′.553N., 14° 09′.648E. (shore)
 (b) 40° 47′.595N., 14° 09′.618E. (shore)
 legend, *Entry Prohib*, centred on: 40° 47′.62N., 14° 09′.68E.

Chart [Last correction].— **916 (plan, Bagnoli)** [446/02]

Italian Notice 25.6/01 (HH.369/610/03).

1045* MEDITERRANEAN SEA — Malta, North Coast — Ponta tac–Cirkewwa — Lights; Coastline; Jetty; Depth

Insert ★ Fl.R.5s6m2M (a) 35° 59′.44N., 14° 19′.84E.
 coastline, firm line, joining: (b) 35° 59′.42N., 14° 19′.77E. (shore)
 (c) 35° 59′.37N., 14° 19′.84E.
 (d) 35° 59′.29N., 14° 19′.84E. (shore)
 jetty, single firm line, joining: (a) above
 35° 59′.40N., 14° 19′.80E. (shore)

Amend light to, Fl.R.2s9m2M, (charts 2537, 2538 and 194, Fl.R.2s2M) (e) 35° 59′.47N., 14° 19′.79E.

Delete former coastline joining: (b) above
 (d) above
 charted detail within (b)–(d) above
 depth 3m close SW. of (a) above

Chart [Last correction].— **2623** [3662/01] — **2537** (e) [3778/01] — **2538** (e) [3778/01] — **194** (e) [3662/01]

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Malta Maritime Authority Notice 2/02 (HH.375/420/04).

1046 MEDITERRANEAN SEA — Adriatic Sea — Croatia — Pohlipski Kanal — O. Škrda — Rt Sadina — Mined area

Insert the accompanying note, MINED AREA, centred on: (a) 44° 26′.0N., 13° 56′.0E.
 (b) 44° 02′.8N., 15° 24′.4E.
 legend, *Mined Area* (see Note), centred on: (c) 44° 29′.2N., 14° 50′.7E.

Chart [Last correction].— **202** (a,c) [4997/01] — **515** (b,c) [4998/01]

Croatian Hydrographic Institute (HH.377/560/02).

1047 MEDITERRANEAN SEA — Greece — Saronikós Kólpōs — Órmos Salamínas — Salamína — Unsurveyed area; Depths; Light

Insert limit of unsurveyed area, pecked line, joining: (a) 37° 57′.74N., 23° 29′.56E. (shore)
 (b) 37° 57′.60N., 23° 29′.79E. (shore)
 legend, *Unsurveyed*, centred on: 37° 57′.72N., 23° 29′.75E.
 Delete depths within area NE. of (a)–(b) above
 ★ 2F.R.(vert)6m3M (a) above

Chart [Last correction].— **1513** [3784/01]

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Greek Notices 12/334 & 345/01 (HH.382/500/02).

II

1048 BLACK SEA — Ukraine — Zhebryans'ka Bukhta — Obstruction

Insert ○ *Obstn*

45° 31'·05N., 29° 43'·62E.

Chart [*Last correction*].— **2213** [4474/01]

Russian Notice 6/569/02 (HH.396/590/01).

1049 BLACK SEA — Ukraine — Kerch Strait — Pavlovskoye Koleno Eastwards and Kerch–Yenikal Channel — Obstructions

Insert ○ *Obstn*

45° 12'·71N., 36° 30'·18E.

45° 19'·29N., 36° 33'·10E.

Chart [*Last correction*].— **2242** [580/02]

Russian Notice 6/582/02 (HH.396/430/05).

1050* MEDITERRANEAN SEA — Egypt — Mîna' El Iskandarîya — El Dikheila Northwards — Buoy

Delete D10 light–buoy

31° 08'·61N., 29° 48'·65E.

Chart [*Last correction*].— **3119** (INT 3554) [3748/01] — **243** [2509/01]

Ports and Lighthouse Administration, Alexandria Nav Warning 10/02 (HH.405/450/02).

1005 ARABIA — Gulf of Aden — Djibouti — Récif d'Ambouli Eastwards and Banc du Héron Westwards — Depths; Less water

Insert the accompanying block, showing amendments to depths,
centred on:
legend, *Less Water Rep* (2001), between:

- (a) 11° 36'·5N., 43° 07'·3E.
- (b) 11° 37'·38N., 43° 07'·62E.
- (c) 11° 36'·94N., 43° 07'·62E.
- (d) 11° 36'·31N., 43° 06'·95E.
- (e) close E. of (d) above

Delete depth 9₁ m enclosed by 10m contour
depth 16₉ m

Chart [*Last correction*].— **262** (INT 7115) (**plan A, Port of Djibouti**) (a–c) & **262** (INT 7115) (b–e) [2326/01]

French Notice 50/48/01 (HH.471/400/03).

1051* ARABIA — Qatar, East Coast — Approaches to Mesaieed (Umm Said or Musay'id) — Fasht Al'Arif Southwestwards and Northnortheastwards — Approach Channels; Depth; Legends; Pilot boarding places

Insert the accompanying note, MESAIEED APPROACH
CHANNELS, centred on:
depth 9₁ m
legend, *MESAIEED APPROACH CHANNELS* (*see Note*),
centred on:
① *Mesaieed*
legend, *Mesaieed*, centred on:
① Umm Said

25° 47'·00N., 52° 22'·70E.
24° 53'·85N., 51° 39'·47E.

25° 16'·40N., 51° 48'·30E.
25° 13'·20N., 51° 45'·20E.
24° 56'·15N., 51° 33'·75E.
25° 15'·97N., 51° 46'·45E.

Chart [*Last correction*].— **3950** [5112/01]

Admiralty List of Radio Signals Vol. 6 (3), 2001/02: (1/02)

UK Hydrographic Office (HH.489/400/04).

1052* ARABIA — Saudi Arabia — Al Jubayl — Open Sea Tanker Terminal Southwards — Buoy

Amend No 9 light–buoy to, *Fl(3)G.10s*

27° 03'·72N., 49° 43'·55E.

Chart [*Last correction*].— **3718** [2726/01]

Saudi Ports Authority (HH.492/440/03).

1053* SINGAPORE STRAIT — Indonesia — Karang Tombak to Terumbu Berakit — Fouls; Buoyage

Substitute # for special pillar light–buoy with topmark, *Fl(4)Y.15s*

- (a) 1° 14'·76N., 104° 25'·33E.
- (b) 1° 14'·79N., 104° 25'·22E.
- (c) 1° 15'·60N., 104° 28'·45E.
- (d) 1° 15'·92N., 104° 31'·67E.
- (e) 1° 17'·09N., 104° 35'·11E.

for special pillar light–buoy with topmark, *Fl(4)Y.12s*

for special pillar light–buoy with topmark, *Fl(4)Y.10s*

for special pillar light–buoy with topmark, *Fl(4)Y.30s*

Chart [*Last correction*].— **3831** (a,c–e) [93/02] — **3949** (b) [4894/01]

Conoco (Indonesia Inc) (HH.522/400/07).

II

1054 CHINA, East Coast — Chang Jiang — Approaches to Shanghai — Hengsha Dao — Light; Signal station

Substitute  *Fl.8s57m18M PA*, for  SS (Port Control) PA,
(chart 1602,  *Fl.8s57m18M*, for  SS (Port Control)) 31° 18'·050N., 121° 50'·894E.

Note: Former Notice 3735(P)/01 is cancelled.

Chart [*Last correction*].— **1603** [2047/01] — **1602** [473/02]

Light List Vol. F, 2001/02, 3754.69

Chinese Notice 3/37/02 (HH.548/473/07).

1055 CHINA, East Coast — Yellow Sea — Shanghai Northwards — Chang Sha Southeastwards — Wreck

Insert  33° 34'·7N., 121° 21'·9E.

Chart [*Last correction*].— **3480** [200/02]

Chinese Notice 4/52/02 (HH.548/500/03).

1056 CHINA — Bo Hai — Bohai Wan — Taoerhe Kou Northwards — Anchorage areas

Insert circular limit of anchorage area, radius 1M, pecked line, centred on: (a) 38° 25'·8N., 118° 10'·7E.
(b) 38° 28'·5N., 118° 18'·3E.

circular limit of anchorage area, radius 1·5M, pecked line, centred on: (c) 38° 30'·2N., 118° 26'·8E.

 No 1 within (a) above

 No 2 within (b) above

 No 3 within (c) above

Chart [*Last correction*].— **1250** [335/02]

Chinese Notice 25/395/02 (HH.556/420/03).

1057 CHINA — Bo Hai — Bayuquan — Quarantine anchorage area; Pilot boarding place

Insert limit of quarantine anchorage area, pecked line, joining: (a) 40° 20'·00N., 121° 58'·80E.
40° 20'·00N., 122° 01'·30E.
40° 22'·00N., 122° 01'·30E.

(b) 40° 22'·00N., 121° 58'·80E.
within (a)–(b) above

①

Chart [*Last correction*].— **1262** [2516/01]

Chinese Notice 4/53/02 (HH.548/524/03).

1058 JAPAN — Kyūshū, West Coast — Kuro Shima Southwestwards — Wreck

Insert  33° 07'·20N., 129° 30'·80E.

Chart [*Last correction*].— **3881** [*New Edition 21/2/02*] — **1527** [*New Edition 21/2/02*] — **359** [2733/01]

Japanese Notice 2/51/02 (HH.564/424/04).

1059 JAPAN — Kyūshū, West Coast — Nagasaki Hantō — Ha Shima Southwards — Obstruction

Insert  *Obstn* 32° 36'·1N., 129° 44'·3E.

Chart [*Last correction*].— **2815 (plan, Approaches to Nagasaki Kō)** [*New Edition 21/2/02*] — **2415** [*New Edition 21/2/02*] — **359** [1058/02]

Japanese Notice 2/52/02 (HH.564/422/02).

1060 JAPAN — Kyūshū, West Coast — Amakusa Shimo Shima — Miyanokawachi Wan — Light

Amend light to, *Fl.G.5s12m3M* 32° 19'·96N., 130° 09'·54E.

Chart [*Last correction*].— **3112 (plan, Nagashima Kaikyō)** [*New Edition 21/2/02*]

Light List Vol. F, 2001/02, 5129.2

Japanese Notice 3/84/02 (HH.564/401/07).

1061 JAPAN — Honshū, South Coast — Mikawa Wan — Atsumi Wan — Gamagōri Eastwards — Works; Legend

Amend legend to, *Works in progress (2002)*, centred on: (a) 34° 48'·05N., 137° 16'·95E.

Delete legend, (marked by buoys) close S. of (a) above

Chart [*Last correction*].— **3649 (plan, Gamagōri and Toyohashi)** [706/02]

Japanese Notice 4/101/02 (HH.563/417/03).

II

1062 KOREA, South Coast — Kwangyang Hang — Container Terminal — Buoyage

Insert	port-hand pillar light-buoy with topmark, <i>Fl(4)G.8s (No 11)</i>	34° 54'·00N., 127° 40'·93E.
	port-hand pillar light-buoy with topmark, <i>Fl.G.8s (No 13)</i>	34° 53'·83N., 127° 40'·67E.
Amend	(No 32) light-buoy to, <i>Fl.R.4s (No 2)</i>	34° 54'·35N., 127° 42'·54E.
	(No 37) light-buoy to, <i>Fl.G.6s (No 7)</i>	34° 54'·30N., 127° 41'·43E.
	designation of light-buoy (No 33) to, <i>(No 3)</i>	34° 54'·27N., 127° 42'·25E.
	designation of light-buoy (No 34) to, <i>(No 4)</i>	34° 54'·40N., 127° 42'·27E.
	designation of light-buoy (No 35) to, <i>(No 5)</i>	34° 54'·35N., 127° 41'·80E.
	designation of light-buoy (No 39) to, <i>(No 9)</i>	34° 54'·15N., 127° 41'·20E.

Chart [*Last correction*].— **3390** (INT 5362) [710/02]

Korean Notices 4/60/02 & 5/79/02 (HH.557/444/06).

1063 KOREA, South Coast — Samch'önp'o — Safe overhead clearance

Amend	safe overhead clearance to 19m	34° 54'·85N., 128° 04'·70E.
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Chart [*Last correction*].— **3391** (INT 5360) [835/02]

Korean Notice 5/77/02 (HH.557/446/02).

1064 BORNEO, North Coast — Sarawak — Tanjung Baram Westwards — Kuala Baram — Wrecks

Insert		(a) 4° 35'·13N., 113° 55'·16E. 4° 35'·46N., 113° 55'·79E.
Delete		(b) 4° 35'·08N., 113° 55'·60E. (c) 4° 35'·41N., 113° 56'·22E.

Chart [*Last correction*].— **1949** [4714/01] — **2109** [4714/01] — **3838** (a-c) [4714/01]

Sarawak Chart 1355 (HH.519/700/02).

1065 BORNEO, North-West Coast — Sarawak — Mukah Northwards and Central Luconia Gasfield Northwestwards and Southeastwards — Submarine pipelines

Insert	submarine pipeline joining:	(a) 3° 47'·60N., 112° 02'·50E. (□) (b) 3° 45'·85N., 112° 03'·70E. (□) and (c) 3° 26'·60N., 113° 02'·00E. (existing pipeline) (d) 3° 28'·20N., 113° 00'·80E. (e) 3° 32'·50N., 112° 58'·90E. (f) 3° 43'·70N., 112° 56'·20E. (g) 3° 45'·00N., 112° 55'·70E. (existing pipeline) (h) 3° 51'·50N., 112° 52'·70E. (S. border) (i) 4° 00'·00N., 112° 48'·75E. (N. border) (j) 4° 01'·80N., 112° 47'·90E. (k) 4° 13'·50N., 112° 43'·60E. (l) 4° 19'·00N., 112° 41'·90E. (m) 4° 20'·15N., 112° 40'·75E. (□) and (n) 5° 22'·50N., 111° 52'·00E. (□ M1DR-A) (o) 5° 08'·95N., 111° 49'·00E. (□ M3PQ-A) (p) 4° 38'·50N., 112° 18'·50E. (□) (q) along (g)–(i) above (r) along (j)–(k) above (s) along (l)–(m) above (t) 3° 49'·50N., 112° 54'·80E.
	legend, <i>Gas PA (see Note)</i>	
Amend	legend to, <i>Gas (see Note)</i> , centred on:	

Chart [*Last correction*].— **3836** (a,b) [2739/01] — **3837** (a,b,g,i,q,t) [2740/01] — **3838** (h,j–m,r) [1064/02] — **1336** (a–f,j–m,s) [837/02] — **3482** (INT 550) (n–p) [822/02] — **2660B** (n–p) [290/02]

Sarawak Chart 4 (HH.519/180/04).

1066 BORNEO, North-West Coast — Sarawak — Sungai Sarawak — Tanjung Po Southeastwards — Beting Matong — Buoy

Move	2 light-buoy from: to:	1° 42'·37N., 110° 33'·44E. 1° 42'·32N., 110° 33'·29E.
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Chart [*Last correction*].— **1822** [837/02]

Marine Department Sarawak (HH.519/450/03).

II

1006 AUSTRALIA — Western Australia — Port Dampier — King Bay — Harbour developments

Insert the accompanying block, showing harbour developments,
centred on: 20° 37'·78S., 116° 44'·65E.

Chart [*Last correction*].— **Aus 59 (plan, Withnell Bay to King Bay)** [5142/01]

Australian Notice 1/50/02 (HH.571/009/02).

1067 NEW ZEALAND, North Island — Tauranga — Mount Maunganui Northwards — Radio mast; Signal station

Substitute legend, *Radio Mast (R Lts)*, for legend, SS (a) 37° 38'·20S., 176° 10'·98E.

Delete legend, SS, at radio mast (b) 37° 38'·07S., 176° 11'·00E.

Chart [*Last correction*].— **NZ 5412 (b)** [3512/01] — **NZ 541 (a)** [4708/00]

Light List Vol. K, 2002/03, 3899.1

New Zealand Notice 2/24/02 (HH.580/009/02).

1068 NEW ZEALAND — North Island — Approaches to Tauranga — Mount Maunganui Northeastwards — Pilot boarding places; Anchor berths

Insert ① (a) 37° 34'·88S., 176° 12'·48E.
symbol, anchor berth, 1 (b) 37° 36'·48S., 176° 13'·71E.
symbol, anchor berth, 2 (c) 37° 37'·49S., 176° 15'·21E.
symbol, anchor berth, 3 (d) 37° 38'·29S., 176° 16'·91E.

Delete ① (e) 37° 36'·25S., 176° 12'·13E.
(f) 37° 37'·00S., 176° 10'·90E.

Chart [*Last correction*].— **NZ 541 (a–e)** [1067/02] — **NZ 54 (a–d,f)** [4912/00]

Admiralty List of Radio Signals Vol. 6(4) 2001/02: (10/02)

New Zealand Notice 2/25/02 (HH.580/009/02).

1069 NEW ZEALAND — North Island — Tauranga — Cutter Channel — Beacon tower; Light

Substitute orange and white beacon tower with can topmark, 35m, for
orange and white ★ Dir.WRG.35m (a) 37° 38'·65S., 176° 10'·94E.

Delete sectors at light (a) above

Chart [*Last correction*].— **NZ 5412** [1067/02]

Light List Vol. K, 2002/03, 3904.2

New Zealand Notice 2/26/02 (HH.580/009/02).

1070 SOUTH PACIFIC OCEAN — Tonga — Vava'u Group Northwestwards — Volcanic activity

Insert legend, *Volcanic Activity (2001)*, centred on: 18° 19'·1S., 174° 21'·1W.

Chart [*Last correction*].— **NZ 82** [1261/00] — **4631** (INT 631) [1185/01] — **4605** (INT 605) [5147/01] — **4606** (INT 606) [2755/01]

New Zealand Notice 2/27/02 (HH.580/009/02).

1071 NORTH AMERICA, West Coast — Washington — Grays Harbor — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS for existing
table, centred on: 47° 00'·7N., 123° 52'·5W.

Chart [*Last correction*].— **3125** [3989/01]

U.S. Notice 8/18502/02 (HH.612/011/2002).

1072 SOUTH AMERICA, West Coast — Chile — Bahia Quintero — Light

Amend sectors at light, F.WRG.29ft2M, as follows: 32° 44'·96S., 71° 29'·46W.

R 342° – 352° (10°)

W 352° – 357° (5°)

G 357° – 007° (10°)

Chart [*Last correction*].— **1314 (plan, Caleta Horcon and Bahia Quintero)** [1789/01]

Light List Vol. G, 2001/02, 1885

Chilean Notice 12/215/01 (HH.646/440/02).

1073 SOUTH AMERICA, East Coast — Argentina — Approaches to Caleta Paula — Restricted area; Pilot boarding place

Insert limit of restricted area, pecked line, joining: (a) 46° 28'·20S., 67° 25'·21W.
(E. border)

46° 28'·20S., 67° 26'·85W.

46° 27'·40S., 67° 26'·85W.

46° 27'·00S., 67° 25'·85W.

(b) 46° 27'·00S., 67° 25'·21W.

(E. border)

within (a)–(b) above

① Zone C

Chart [*Last correction*].— **3106 (plan, Cal. Olivia)** [651/02]

Argentine Notice 24/252/01 (HH.650/450/04).

II

1074 SOUTH AMERICA, East Coast — Brazil, South Coast — Baía de Guanabara — Ilha Rasa — Light

Insert $\star$ *Fl(2)5s3m5M* 22° 47'·99S., 43° 09'·44W.

Chart [*Last correction*].— **566** [728/02]

Light List Vol. G, 2001/02, 0391

Brazilian Notice 2/7/02 (*HH.656/424/02*).

1075 GULF OF MEXICO — Texas — Houston Ship Channel — Carpenter Bayou Eastwards — Light—beacon

Insert port—hand light—beacon with topmark, *Fl.G.2·5s17ft4M '131A'* 29° 45'·283N., 95° 05'·462W.

Chart [*Last correction*].— **3187 (panel 2)** [979/02] — **3188 (panel 1)** [852/02]

Light List Vol. J, 2001/02, 4144.41

U.S. Notice 6/11325/02 (*HH.615/425/05*).

1076 GULF OF MEXICO — Texas — Sabine Bank Westwards and Claypile Bank Eastwards — Platforms

Insert $\square$ (lighted) 29° 24'·48N., 94° 05'·65W.

Delete $\square$ (lighted) 28° 15'·75N., 93° 55'·10W.

Chart [*Last correction*].— **3854** [984/02]

U.S. Notices 8/11330/02 & 8/11332/02 (*HH.616/181/2002*).

1077 GULF OF MEXICO — Louisiana — Outer Approaches to Calcasieu Pass — Platform; Wreck

Insert $\square$ (lighted) 28° 58'·6N., 92° 59'·7W.

$\oplus$ *PA* (a) 29° 02'·0N., 92° 50'·0W.

Chart [*Last correction*].— **3854** [1076/02] — **3850 (a)** [983/02]

U.S. Notice 8/11330/02 (*HH.616/181/2002*).

1078 GULF OF MEXICO — Louisiana — Ship Shoal Eastwards — Wreck; Well

Insert $\blacktriangledown$ (a) 29° 00'·3N., 90° 33'·1W.

$\odot$ *Well*, least depth 14fm 28° 48'·6N., 90° 12'·8W.

Chart [*Last correction*].— **3850 (a)** [1077/02] — **3851** [987/02]

U.S. Notice 8/11357/02 (*HH.616/181/2002*).

1079 GULF OF MEXICO — Mississippi — Pascagoula River — Obstruction

Insert $\odot$ *Obstn PA* 30° 22'·12N., 88° 33'·84W.

Chart [*Last correction*].— **3841** [738/02]

U.S. Notice 8/11375/02 (*HH.616/181/2002*).

1007 NORTH AMERICA, East Coast — Pennsylvania and New Jersey — Delaware River and Schuylkill River — Camden and Point Breeze — Jetty; Light; Buoy; Depths; Bridge

Insert the accompanying block, showing new jetty, light, light—buoy and amendments to depths, centred on: (a) 39° 56'·30N., 75° 08'·26W.

Substitute bridge, double firm line, width 90ft, for bridge, double pecked line, joining: (b) 39° 55'·17N., 75° 12'·19W.(shore)

(c) 39° 55'·20N., 75° 12'·06W.(shore)

Delete legend, Bridge under const (1998) (see Note), centred on: (d) close W. of (b) above

note, BRIDGE UNDER CONSTRUCTION, centred on: (e) 39° 50'·83N., 75° 08'·78W.

Chart [*Last correction*].— **2604 (panel 2) (a) & (panel 1) (b–e)** [4092/01]

Light List Vol. J, 2001/02, 1323.95

U.S. Chart 12313 (*HH.614/545/03*).

1080 NORTH AMERICA, East Coast — Connecticut — Long Island Sound — Approaches to New Haven — Lighthouse Point Southeastwards — Wreck

Delete $\oplus$ *PA* 41° 12'·93N., 72° 51'·40W.

Chart [*Last correction*].— **2754** [994/02]

U.S. Chart 12373 (*HH.614/475/03*).

II

1081 **NORTH AMERICA, East Coast — Massachusetts — Approaches to Boston — Deer Island — Light**

Amend range of F.R. light to, *6M*

42° 20′·39N., 70° 57′·27W.

Chart [*Last correction*].— **1528** [867/02] — **1516** [867/02] — **1227** [867/02]

Light List Vol. J, 2001/02, 0324

UK Hydrographic Office (*HH.614/435/03*).

II

1082(T)/02 BRITISH ISLES — Oceanographic buoys and moorings established

- Oceanographic buoys and moorings will be on station in the positions given below until further notice. The most convenient Admiralty Chart is quoted. This list will be updated as necessary by Temporary Notices to Mariners.

<i>Latitude</i>	<i>Longitude</i>	<i>Type</i>	<i>Light</i>	<i>Chart</i>
49° 30'·02N	5° 31'·75W	Y. Spherial	Fl(5)Y.20s	2655
51° 05'·99N	1° 38'·21E	Y. Spherical	Fl.Y.10s	323
51° 31'·5N	1° 01'·9E	Y. Toroidal	Fl.Y.	1607
* 51° 44'·414N	1° 16'·697E	Dan Buoy	Unlit.	1975
* 51° 45'·105N	1° 13'·982E	Dan Buoy	Unlit.	1975
52° 00'·0N	2° 20'·0E	Y. Toroidal	Fl.Y.	1543
52° 16'·53N	6° 15'·63W	Y. Spherical	Fl(5)Y.20s	1787
52° 33'·85N	2° 04'·70E	Y. Spherical	Fl(5)Y.20s	1543
* 53° 29'·2N	3° 12'·8W		Unlit buoy	1951
* 53° 29'·6N	3° 11'·0W		Unlit buoy	1951
53° 45'·0N	5° 00'·0W	Y. Spherical	Fl.Y.10s	1411
53° 47'·18N	4° 40'·44W	Y. Toroidal	Fl(5)Y.20s	1411
54° 42'·9N	5° 45'·9W	Y. Can	Fl. 6s	2198

* Indicates new or revised entry.

- Former Notice 218(T)/02 is cancelled.

UK Hydrographic Office (HH.111/003/01).

1083(P)/02 AFRICA, West Coast — Angola — Luanda Northwestwards — Oilfield development

- The Girassol Oilfield is being developed North–West of Luanda.
- The offshore development area consists of the following:
 - ☐ in position 7° 39'·0S., 11° 41'·0E.
 - ⚓ established 1 mile northnortheastwards of position 2a. above
 - a circular restricted area, radius 7 miles, centred on position 2a. above.
 - a circular waiting area for oil tankers, radius 2 miles, centred on position 7° 40'·0S., 11° 37'·0E. (within the restricted area at 2c.).

Charts affected — 604 — 4209

French Notice 3/42(P)/02 (HH.447/180/07).

1084(P)/02 ARABIA — Qatar — Ra's Laffān — Port developments; Aids to navigation; Mooring buoys

- It has been reported that reclamation work is now underway in the port of Ra's Laffān. New service berths in the vicinity of 25° 55'·5N., 51° 35'·8E. are to be created. In addition to this the port authority have changed certain aids to navigation and mooring buoys in the harbour and approaches.
- Mariners are advised to consult with the local authority for further details.
- These changes will be included in the next New Edition of Chart 3789 to be published mid 2002.

Charts affected — 3789 — 3791

Port Operations, Ra's Laffān (HH.489/430/02).

1085(T)/02 JAPAN — Kyūshū, North Coast — Taka Shima Westwards — Depth

A shoal depth of 5m has been reported in position 33° 26'·65N., 129° 44'·35E.

Chart affected — 1527

Japanese Notice 42/1620(T)/01 (HH.564/421/03).

1086(T)/02 JAPAN — Honshū, South Coast — Ise Wan — Kita-wakamastu — Depth

A shoal depth of 4₂ m has been reported in position 34° 51'·52N., 136° 38'·43E.

Chart affected — 2957

Japanese Notice 33/1314(T)/01 (HH.563/405/05).

1087(T)/02 JAPAN — Honshū, North–West Coast — Kanazawa Kō — Less water

Mariners are advised of the following:

- Less water, minimum depth 4 metres, has been reported in the vicinity of position 36° 37'·66N., 136° 36'·14E.
- Less water, minimum depth 5·1 metres, has been reported in the vicinity of position 36° 37'·88N., 136° 36'·10E.
- Less water, minimum depth 9·2 metres, has been reported in the vicinity of position 36° 37'·68N., 136° 36'·06E.
- Former Notice 5161(T)/01 is cancelled.

Chart affected — 1304

Japanese Notice 46/1752(T)/01 (HH.563/500/02).

II

1088(P)/02 INDONESIA — Jawa, North Coast — Merak Southwards — Jetty; Pilot boarding places; Anchorage area

1. Mariners are advised that a jetty, with associated pilot boarding place and anchorage area, has been established as follows:
 - a. 200m long jetty, with depth alongside of 11.5m, in approximate position 5° 58'·50S., 105° 59'·50E.
 - b. good weather pilot boarding place in approximate position 5° 59'·50S., 105° 55'·50E.
 - c. bad weather pilot boarding place in approximate position 5° 58'·50S., 105° 58'·50E.
 - d. anchorage area in approximate position 5° 58'·50S., 105° 58'·70E.
2. Further details are being sought before charts are updated.

Chart affected — 918

PT Petrokimia Nusantara Interindo (HH.526/750/03).

1089(T)/02 MALACCA STRAIT — Sumatera Northeastwards — Oilfield developments

1. Mariners are advised that oilfield developments have been reported as follows:
 - a.  established in position 5° 17'·68N., 98° 02'·10E.
 - b.  established in position 5° 19'·06N., 98° 02'·89E.
 - c.  (lighted) established in position 5° 18'·88N., 98° 02'·81E.
2. A clearance of 3 miles around the platforms is requested, as work is reported to be still ongoing.
3. Mariners are advised to proceed with caution when navigating in this vicinity.
4. Updates to charts will be issued when further information has been received.
5. Former Notice 5046(T)/01 is cancelled.

Charts affected — 3919 — 2777 — 1353 — 830

mv *Pacific Spirit* and mv *Oscilla* (HH.524/180/14).

1090(P)/02 NEW ZEALAND — North Island, East Coast — Tauranga Harbour — Light

1. A directional light, Dir.WRG.12m 6/4M, (K3899.4), is to be established on the front beacon of No.1 Reach in position 37° 38'·03S., 176° 09'·48E.
2. Once established the light will be operated on request during periods of reduced visibility.

Charts affected — NZ 54 — NZ 541

New Zealand Notice 2/28(P)/02 (HH.580/009/02).

IIA

*This section contains chart-correcting notices issued by the Chief Topographer/Hydrographer, Land Information New Zealand for the Week(s) indicated below. Mariners are advised that only a selection of these notices have been included in the BA notices in the preceding section. Mariners requiring copies of Blocks or Notes not reproduced should apply to Land Information New Zealand. Mariners should note that information omitted from the BA version of a chart will be included in the next reprint of that chart. Chart correcting notices issued by the Hydrographer RAN are no longer repeated within this section as **all** notices for adopted Aus charts are included in Section II which precedes this page.*

NEW ZEALAND WEEKLY EDITION 2 25 January 2002

NZ 24/02 NEW ZEALAND – North Island – Tauranga Harbour – Signal Station and Radio Mast

Chart NZ 541 [378/00]

Substitute legend, *Radio Mast* (R Lts.), for legend, SS 37° 38'·20S., 176° 10'·98E.

Chart NZ 5411 [NE Apr 98]

Substitute legend, *Radio Mast* (R Lts.), for legend, SS 37° 38'·08S., 176° 11'·06E.

Chart NZ 5412 [164/01]

Delete legend, SS 37° 38'·06S., 176° 11'·00E.

Chart NZ 5413 [425/00]

Substitute legend, *Radio Mast*, for legend, SS 37° 38'·08S., 176° 11'·06E.

Port of Tauranga Ltd.

NI 6/2002

NZ 25/02 NEW ZEALAND – North Island – Tauranga Harbour – Pilot and Anchorage Positions.

Chart NZ 54 [402/00]

Insert ① 37° 34'·88S., 176° 12'·48E.
symbol, anchor berth, 1 37° 36'·48S., 176° 13'·71E.
symbol, anchor berth, 2 37° 37'·49S., 176° 15'·21E.
symbol, anchor berth, 3 37° 38'·29S., 176° 16'·91E.
Delete ① 37° 37'·00S., 176° 10'·90E.

Chart NZ 54X [402/00]

Insert ① 37° 34'·88S., 176° 12'·48E.
symbol, anchor berth, 1 37° 36'·48S., 176° 13'·71E.
symbol, anchor berth, 2 37° 37'·49S., 176° 15'·21E.
symbol, anchor berth, 3 37° 38'·29S., 176° 16'·91E.
Delete ① 37° 37'·00S., 176° 10'·90E.

Chart NZ 541 [24/02]

Insert ① 37° 34'·88S., 176° 12'·48E.
symbol, anchor berth, 1 37° 36'·48S., 176° 13'·71E.
symbol, anchor berth, 2 37° 37'·49S., 176° 15'·21E.
symbol, anchor berth, 3 37° 38'·29S., 176° 16'·91E.
Delete ① 37° 36'·25S., 176° 12'·13E.

Chart NZ 5411 [24/02]

Insert ① 37° 34'·88S., 176° 12'·48E.
symbol, anchor berth, 1 37° 36'·48S., 176° 13'·71E.
Delete ① 37° 36'·25S., 176° 12'·13E.

Chart NZ 5413 [24/02]

Insert ① 37° 34'·88S., 176° 12'·48E.
symbol, anchor berth, 1 37° 36'·48S., 176° 13'·71E.
symbol, anchor berth, 2 37° 37'·49S., 176° 15'·21E.
symbol, anchor berth, 3 37° 38'·29S., 176° 16'·91E.
Delete ① 37° 36'·25S., 176° 12'·13E.

Port of Tauranga Ltd.

NI 4/2002

IIA

NZ 26/02 NEW ZEALAND – North Island – Tauranga Harbour – Leading Lights Discontinued.
Former Notice - NZ 170(T)/01 is cancelled.

Chart NZ 5412 [24/02]

Substitute	orange and white beacon tower with can topmark, 35m for	
	orange and white ★ DirWRG.35m	(a) 37° 38'·65S., 176° 10'·94E.
Delete	light sectors	(a) above

Port of Tauranga Ltd.
NZ Light List K3904.2
NI 9/2002

NZ 27/02 SOUTH PACIFIC – Tonga – Vava'u Group Northwards – Volcanic Activity.

Chart NZ 82 (T82) [51/00]

Insert	legend, <i>Volcanic Activity (2001)</i>	18° 19'·1S., 174° 21'·1W. (close to depth 269m)
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Chart NZ 14605 (INT 605) [168/01]

Insert	legend, <i>Volcanic Activity (2001)</i>	18° 19'·1S., 174° 21'·1W. (close to depth 269m)
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Chart NZ 14606 (INT 606) [169/01]

Insert	legend, <i>Volcanic Activity (2001)</i>	18° 19'·1S., 174° 21'·1W. (close to depth 269m)
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Chart NZ 14631 (INT 631) [51/01]

Insert	legend, <i>Volcanic Activity (2001)</i>	18° 19'·1S., 174° 21'·1W. (close to depth 269m)
--------	---	--

Tonga Defence Force
NI 8/2002

On Chart 3950

Mariners intending to use the Mesaieed Approach Channels must refer to the largest scale charts. These show the latest information regarding depths and buoyage.

On Chart 3125

CHANNEL DEPTHS (see Note)							
GRAYS HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 1999 AND SURVEYS TO SEP 2001							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	44.7	45.0	46.3	6-95;9-96;6-00;2-01	1000	4.6	46
ENTRANCE RANGE	33.1	37.3	33.7	4-00;6-00;2,9-01	900-600	1.8	42
PT CHEHALIS REACH	33.7	38.3	37.4	9-01	600	1.2	40
SOUTH REACH	34.5	37.2	34.4	1,2-01	600-350	4.1	36
CROSSOVER CHANNEL	30.8	35.6	30.8	1-01	350-450	2.5	36
NORTH CHANNEL	35.7	38.1	32.3	1-01	450-350	2.4	36
HOQUIAM REACH	34.9	37.2	36.0	12-00	350	1.9	36
COW POINT REACH	26.9	33.9	31.2	1,6-01	350-900	1.8	36
ABERDEEN REACH	22.1	26.3	25.0	5-97;4-98;6-99;6-01	550-200	2.6	30
TURNING BASIN	31.1	33.0	24.7	6-01	200-550	.3	30
THENCE TO COSMOPOLIS	26.9	27.6	27.8	5-97;6-99	200	.8	30

To accompany Notice to Mariners 1091/02

On Chart 127

CAUTION: CHARTS REFERRED TO WGS84 DATUM

Caution must be exercised in the transfer of positions from this chart to those adjoining/ larger scale/ smaller scale charts which are referred to WGS84 datum. For further details, including an example of the calculation of the WGS84 position, see NM 3871(P)/00.

On Chart 2347

CAUTION: CHARTS REFERRED TO WGS84 DATUM

Caution must be exercised in the transfer of positions from this chart to those adjoining/ larger scale/ smaller scale charts which are referred to WGS84 datum. For further details, including an example of the calculation of the WGS84 position, see NM 3871(P)/00.

On Chart 3666

CAUTION: CHARTS REFERRED TO WGS84 DATUM

Caution must be exercised in the transfer of positions from this chart to those adjoining/ larger scale/ smaller scale charts which are referred to WGS84 datum. For further details, including an example of the calculation of the WGS84 position, see NM 3871(P)/00.

On Chart 3786

CHART 3787: POSITIONS

To agree with smaller scale chart 3787 which is referred to World Geodetic System (1984) Datum, positions read from chart 3786 should be moved 0·11 minutes NORTHWARD and 0·06 minutes EASTWARD.

On Chart 3950

CHARTS 3413, 3787 AND 3791: POSITIONS

To agree with larger scale charts 3413, 3787 and 3791, which are referred to World Geodetic System (1984) Datum, positions read from this chart should be moved 0·11 minutes NORTHWARD and 0·06 minutes EASTWARD.

To accompany Notice to Mariners 1019/02



On Chart 288

FIRING PRACTICE AREA
(59° 59'·0N., 4° 31'·0E.)
The firing practice area is in continual use. For further details, see Admiralty Sailing Directions.

On Chart 2304

FIRING PRACTICE AREA
(59° 55'·0N., 4° 31'·0E.)
The firing practice area is in continual use. For further details, see Admiralty Sailing Directions.

On Chart 2672

FIRING PRACTICE AREA
(59° 50'·0N., 4° 31'·0E.)
The firing practice area is in continual use. For further details, see Admiralty Sailing Directions.

On Chart 2673

FIRING PRACTICE AREA
(59° 57'·0N., 4° 31'·0E.)
The firing practice area is in continual use. For further details, see Admiralty Sailing Directions.

On Chart 3009

FIRING PRACTICE AREA
(60° 08'·0N., 4° 52'·0E.)
The firing practice area is in continual use. For further details, see Admiralty Sailing Directions.

On Chart 3016

FIRING PRACTICE AREA
(60° 02'·0N., 4° 59'·0E.)
The firing practice area is in continual use. For further details, see Admiralty Sailing Directions.

To accompany Notice to Mariners 1046/02



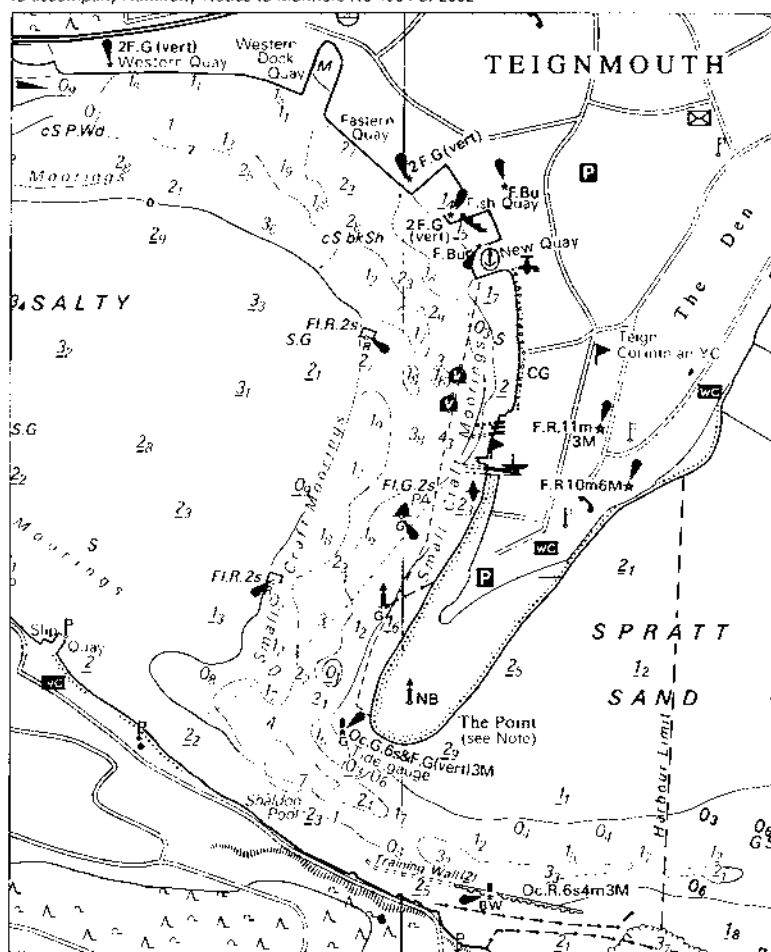
On Chart 202

MINED AREA
(44° 29'·2N., 14° 50'·7E.)
Anchoring and fishing are prohibited in the vicinity
of Rt Sadina due to the presence of mines on the
seabed.

On Chart 515

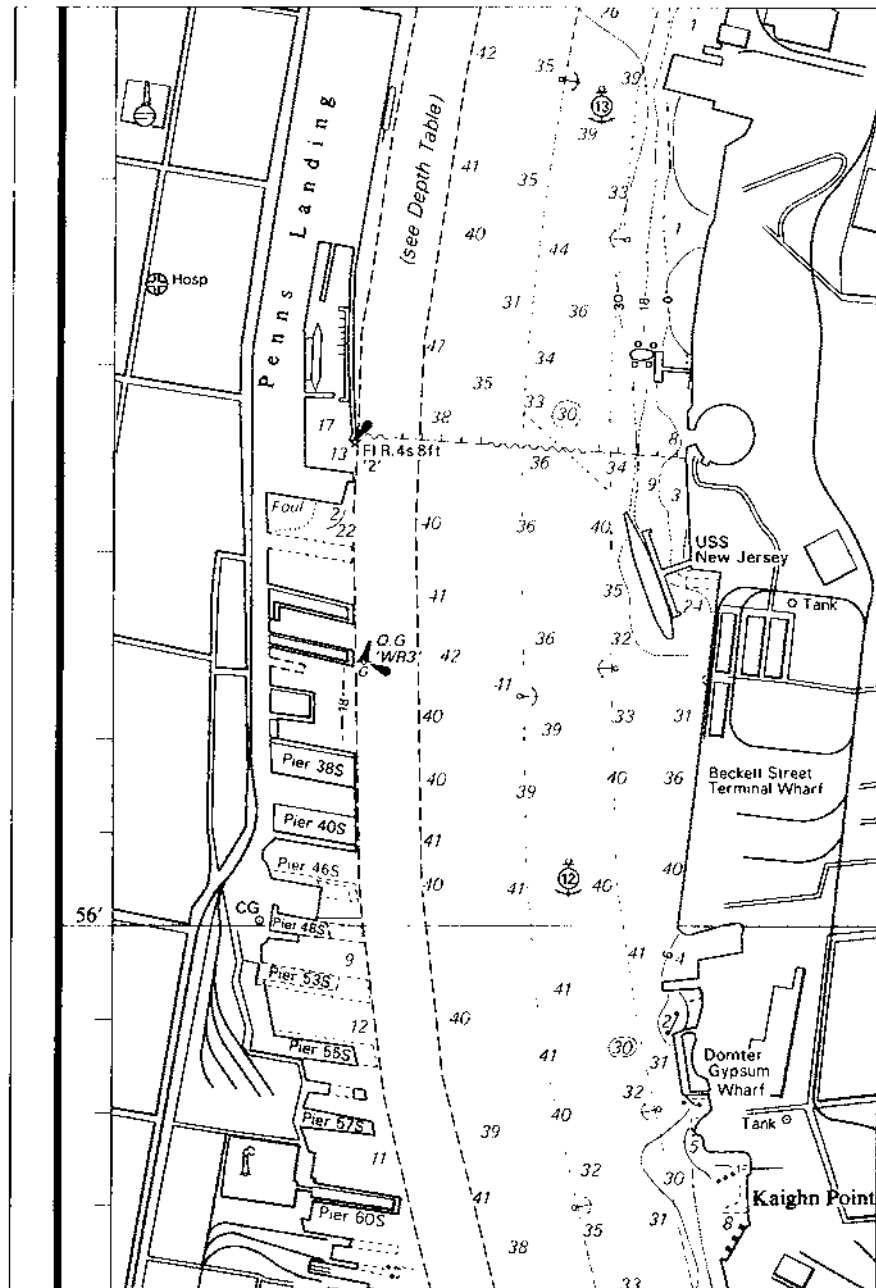
MINED AREA
(44° 29'·2N., 14° 50'·7E.)
Anchoring and fishing are prohibited in the vicinity
of Rt Sadina due to the presence of mines on the
seabed.

To accompany Admiralty Notice to Mariners No 1004 of 2002



Block for Chart No 26

To accompany Admiralty Notice to Mariners No 1007 of 2002



Block for Chart No 2604

Block for Chart No AUS 59

III

NAVIGATIONAL WARNINGS

See N.M. 13/02. Messages printed below are all in force on 26 February 2002. It is recommended that this reprint should be kept in a file or book divided into areas, followed by subsequent weekly reprints. Only the most convenient Admiralty Chart is quoted. For those series originated by other authorities only selected important warnings are reproduced.

(1) Navarea I (NE Atlantic) 10th Week 7/3/02.

NAVAREA I warnings in force 26/2/02: 2000 series: 189 397 419 473.

2001 series: 114 151 152 222 252 258 283 303 311 487 510.

2002 series: 005 008 029 032 039 054 056 064 065 073 075 077 078 079 080.

072 Cancelled.

073 IRELAND, Northeast Coast. Portavogie Approaches. Chart BA 2156. Plough Rock light-buoy 54°27'N 005°25'W changed to Fl.R.3s.

074 Cancelled.

075 ENGLAND, East Coast. Newarp Banks. Chart BA 106. Newarp Light Vessel (A2332) 52°48'N 001°56'E Range reduced to 16 Miles. Light exhibited during hours of darkness and in periods of reduced visibility only.

076 Cancelled.

077 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 261000z Feb 02.

	52°22'.1N	003°46'.6E	Noble Lynda Bossler
	53°21'.4N	003°59'.0E	Noble Piet Van Ede
	53°42'.3N	004°36'.1E	Glomar Adriatic 11
NEW	53°49'.1N	003°29'.7E	Noble Ronald Hoope
	53°55'.7N	000°32'.3E	Noble Julie Robertson
	54°06'.6N	000°32'.6E	Glomar Adriatic 6

NOTES:

a. Rigs are protected by a 500 metre safety zone.

b. ACP - Adjacent to Charted Platform.

2. Cancel 068/02.

III

078 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 261000z Feb 02.

	55°31'·8N	005°00'·4E	Maersk Endeavour
NEW	55°32'·3N	005°01'·9E	Ensco 71
	55°43'·1N	017°59'·8E	Petrobaltic
	56°00'·2N	003°11'·1E	Glomar Arctic 4
	56°07'·8N	004°24'·6E	Ensco 70
	56°41'·8N	002°14'·9E	J.W. McLean
	56°43'·3N	003°34'·7E	Transocean Nordic
	56°51'·0N	002°15'·3E	Galaxy 1
	57°04'·9N	002°05'·2E	Sedco 714
	57°10'·1N	000°49'·7E	Santa Fe 140
	57°10'·2N	000°41'·1E	Ocean Nomad
	57°49'·4N	000°58'·5W	Borgny Dolphin
	57°49'·7N	000°56'·5W	Stena Dee
	57°59'·3N	000°06'·4W	Ocean Princess
	58°01'·6N	001°06'·6E	Stena Spey
	58°14'·5N	000°23'·3E	Glomar Grand Banks
	58°17'·0N	002°02'·6E	Byford Dolphin
	58°18'·1N	001°42'·4W	Sedco 704
	58°30'·1N	000°22'·0E	Pride North Sea
	59°09'·9N	002°29'·2E	Scarabeo 6
	59°26'·0N	001°40'·9E	Glomar Arctic 3
	59°31'·3N	001°25'·4E	Sedco 711
	59°32'·6N	001°39'·5E	Borgsten Dolphin
	59°44'·0N	001°34'·6E	Paul B. Loyd Jnr

NOTES:

- a. Rigs are protected by a 500 metre safety zone.
- b. ACP - Adjacent to Charted Platform.

2. Cancel 069/02.

079 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 261000z Feb 02.

60°20'·1N	004°02'·2W	Transocean Leader
60°20'·6N	004°14'·7W	Jack Bates
60°28'·1N	002°39'·2E	Deepsea Delta
60°30'·8N	001°50'·1E	Transocean John Shaw
60°44'·5N	003°34'·9E	Polar Pioneer
60°51'·4N	002°39'·0E	Maersk Gallant
60°52'·0N	003°33'·5E	Maersk Jutlander
60°52'·6N	003°29'·7E	West Venture
61°02'·0N	001°07'·7E	Sedco 712
61°16'·6N	002°07'·2E	Bideford Dolphin
61°20'·5N	001°59'·8E	Borgland Dolphin
61°25'·9N	002°34'·1E	West Vanguard
61°37'·8N	001°29'·8E	Ocean Guardian
61°53'·1N	003°59'·1E	Deepsea Bergen
64°10'·0N	004°21'·0E	Scarabeo 5
64°37'·3N	006°36'·1E	Transocean Winner
64°58'·3N	007°37'·3E	Transocean Searcher
65°17'·2N	007°18'·2E	Transocean Prospect
66°03'·6N	008°10'·7E	Stena Don

NOTES:

- a. Rigs are protected by a 500 metre safety zone.
- b. ACP - Adjacent to Charted Platform.

2. Cancel 070/02.

080 RIGLIST. South and West Coasts of the British Isles. Correct at 261000z Feb 02. NIL.

2. Cancel 071/02.

III

(2) Navarea II (E Atlantic) 10th Week 7/3/02.

Edited Navarea II warnings in force 26/2/02: NIL.
072 to 077 received.

(3) Navarea III (Mediterranean) 10th Week 7/3/02.

Edited Navarea III warnings in force 26/2/02: 466/01, 552/01.
092 to 113 received.

(4) Navarea IV (NW Atlantic) 10th Week 7/3/02.

Edited Navarea IV warnings in force 26/2/02: 383/01.
062 to 069 received.

(5) Navarea V (W Atlantic) 10th Week 7/3/02.

Edited Navarea V warnings in force 26/2/02: 923/97, 568/98, 055/01, 1368/01.
Nil received.

(6) Navarea VI (SW Atlantic) 10th Week 7/3/02.

Edited Navarea VI warnings in force 26/2/02: 101/01, 175/01.
027 to 047 received.

(7) Navarea VII (SE Atlantic) 10th Week 7/3/02.

Edited Navarea VII warnings in force 26/2/02: NIL.
019 to 021 received.

(8) Navarea VIII (Indian Ocean) 10th Week 7/3/02.

Edited Navarea VIII warnings in force 26/2/02: 388/00, 268/01, 497/01, 077/02.
136 to 149 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 10th Week 7/3/02.

Edited Navarea IX warnings in force 26/2/02: NIL.
Nil received.

(10) Navarea X (Australia, New Guinea) 10th Week 7/3/02.

Edited Navarea X warnings in force 26/2/02: 020/00.
001 received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 10th Week 7/3/02.

Edited Navarea XI warnings in force 26/2/02: 062/02.
Nil received.

(12) Navarea XII (NE Pacific) 10th Week 7/3/02.

Edited Navarea XII warnings in force 26/2/02: 288/01.
055 to 060 received.

(13) Navarea XIII (NW Pacific) 10th Week 7/3/02.

Edited Navarea XIII warnings in force 26/2/02: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 10th Week 7/3/02.

Edited Navarea XIV warnings in force 26/2/02: NIL.
026 to 030 received.

III

(15) Navarea XV (SE Pacific) 10th Week 7/3/02.

Edited Navarea XV warnings in force 26/2/02: NIL.

Nil received.

(16) Navarea XVI (E Pacific) 10th Week 7/3/02.

Edited Navarea XVI warnings in force 26/2/02: 151/98.

Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 10th Week 7/3/02.

Edited Hydropacs in force 26/2/02: 1272/99, 1639/01, 1647/01.

308 and 313 to 353 received.

(18) Hydrolants (Atlantic, Mediterranean) 10th Week 7/3/02.

Edited Hydrolants in force 26/2/02: 2002/98, 1581/00, 2659/01, 383/02.

398 to 452 received.

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 3 Africa Pilot Volume III (1980 Edition) — Supplement 10–2001**South Africa – Regulations — Routeing for laden tankers****1**

R 45–70 Including existing Supplement amendment
Replace by:

1.6 Laden tankers, whether westbound or eastbound, should follow the IMO–adopted routeing arrangements reproduced in Appendix III.

Any breakdown, collision ...

67

L 26 *For See 1.6 Read See Appendix III.*

South African Annual Notice 5/2001

(HH. 450/032/03) [10/02]

South Africa – Regulations — Oil Pollution; observation and reporting**2**

L 4 Including existing Supplement amendment *Replace by:*
Reports of this nature should be addressed to:

The Principal Officer,
The South African Maritime Safety Authority
(SAMSA).

The reports may be sent by VHF Channel 16 to the port control offices at:

Richards Bay,
Durban,
East London,
Port Elizabeth,
Mossel Bay,
Cape Town, and
Saldanha Bay.

South African Annual Notice 6/2001

(HH. 450/032/03) [10/02]

NP 13 Australia Pilot Volume I (1992 Edition) — Supplement 3–2001**Australia — Radio pratique****5**

R 61–70 Including existing Supplement amendment,
Replace by:

1.37

The Australian Quarantine and Inspection Service (AQIS) requires all vessels arriving in Australia from overseas, or who have been in contact with overseas vessels or sea installations, to submit a Quarantine Pre–Arrival Report for Vessels (Pratique) (QPAR) to AQIS.

The QPAR requires information on vessel particulars, quarantine conditions and ballast water details.

If this report is not submitted within a period of 12/48 hours prior to the vessel's arrival at the first Australian port, AQIS will not give formal quarantine clearance to enter port.

Vessels will require written permission to discharge any ballast water in Australian ports or waters.

Masters are also required to complete two other AQIS forms:

- a) The AQIS Ballast Water Uptake/Discharge Log.
- b) The AQIS Ballast Water Treatment/Exchange Log.

For further details of the above reports see the relevant *Admiralty List of Radio Signals*.

On receipt of satisfactory information in the request for radio pratique, the Quarantine Officer may grant pratique by radio. This may be followed by an inspection when the vessel arrives at the berth. The granting of pratique to a vessel does not release it from being subject to quarantine. Goods require separate clearance.

Should radio pratique not be granted, the vessel must remain outside the quarantine limit at the port of entry until boarded and cleared by the Quarantine Officer

6

L 19–27 *Delete*

Annual Australian Notice to Mariners No 20/02

(HH. 571/005/2002) [10/02]

NP 14 Australia Pilot Volume II (1999 Edition)**Australia — Radio pratique****7**

Paragraph 1.48 1 to 7 *Replace by:*

1 The Australian Quarantine and Inspection Service (AQIS) requires all vessels arriving in Australia from overseas, or who have been in contact with overseas vessels or sea installations, to submit a Quarantine Pre–Arrival Report for Vessels (Pratique) (QPAR) to AQIS.

2 The QPAR requires information on vessel particulars, quarantine conditions and ballast water details.

3 If this report is not submitted within a period of 12/48 hours prior to the vessel's arrival at the first Australian port, AQIS will not give formal quarantine clearance to enter port.

4 Vessels will require written permission to discharge any ballast water in Australian ports or waters.

5 Masters are also required to complete two other AQIS forms:

- 6 a) The AQIS Ballast Water Uptake/Discharge Log.
- b) The AQIS Ballast Water Treatment/Exchange Log.

- 7 For further details of the above reports see the relevant *Admiralty List of Radio Signals*.

Annual Australian Notice to Mariners No 20/02
(HH. 571/005/2002) [10/02]

NP 15 Australia Pilot Volume III (1999 Edition)

Australia — Radio pratique

7

Paragraph 1.61 *Replace by:*

- 1 The Australian Quarantine and Inspection Service (AQIS) requires all vessels arriving in Australia from overseas, or who have been in contact with overseas vessels or sea installations, to submit a Quarantine Pre-Arrival Report for Vessels (Pratique) (QPAR) to AQIS.
- 2 The QPAR requires information on vessel particulars, quarantine conditions and ballast water details.

If this report is not submitted within a period of 12/48 hours prior to the vessel's arrival at the first Australian port, AQIS will not give formal quarantine clearance to enter port.

- 3 Vessels will require written permission to discharge any ballast water in Australian ports or waters.

Masters are also required to complete two other AQIS forms:

- a) The AQIS Ballast Water Uptake/Discharge Log.
- b) The AQIS Ballast Water Treatment/Exchange Log.

- 4 For further details of the above reports see the relevant *Admiralty List of Radio Signals*.

Annual Australian Notice to Mariners No 20/02
(HH. 571/005/2002) [10/02]

NP 17 Australia Pilot Volume V (1992 Edition) — Supplement 3–2001

Australia — Radio pratique

8

L 11–47 Including existing Supplement amendment
Replace by:

The Australian Quarantine and Inspection Service (AQIS) requires all vessels arriving in Australia from overseas, or who have been in contact with overseas vessels or sea installations, to submit a Quarantine Pre-Arrival Report for Vessels (Pratique) (QPAR) to AQIS.

The QPAR requires information on vessel particulars, quarantine conditions and ballast water details.

If this report is not submitted within a period of 12/48 hours prior to the vessel's arrival at the first Australian port, AQIS will not give formal quarantine clearance to enter port.

Vessels will require written permission to discharge any ballast water in Australian ports or waters.

Masters are also required to complete two other AQIS forms:

- a) The AQIS Ballast Water Uptake/Discharge Log.
- b) The AQIS Ballast Water Treatment/Exchange Log.

For further details of the above reports see the relevant *Admiralty List of Radio Signals*.

On receipt of satisfactory information in the request for radio pratique, the Quarantine Officer may grant pratique by radio. This may be followed by an inspection when the vessel arrives at the berth. The granting of pratique to a vessel does not release it from being subject to quarantine. Goods require separate clearance.

Should radio pratique not be granted, the vessel must remain outside the quarantine limit at the port of entry until boarded and cleared by the Quarantine Officer

Annual Australian Notice to Mariners No 20/02
(HH. 571/005/2002) [10/02]

Port Hedland — Pilotage

184

R 32–34 *Replace by:*

Pilotage. Pilotage is compulsory for all vessels of 150 gt and over, with the following exceptions:

Australian commercial fishing vessels of less than 35 m in length,
Australian defence force vessels, and
Vessels under the command of a master holding a valid exemption.

Port Hedland Harbour Master
(HH. 573/430/02) [10/02]

NP 47 Mediterranean Pilot Volume III (1988 Edition) — Supplement 4–1998

Areas dangerous due to mines

2

L 3 *Add:*

In a small area off the Croatian coast in the vicinity of Otok Škrda (44°29'N, 14°52'E).

Anchorage and harbours in Pohlipski Kanal

396

R 2 *After* ashore. *Insert:* Anchoring and fishing are prohibited in the vicinity of Rt Sadina (44°29'2N, 14°51'1E) due to the presence of mines on the seabed.

Croatian Hydrographic Institute
(HH. 377/560/02) [10/02]

IV

NP 50 Newfoundland and Labrador Pilot (1978 Edition) — Supplement 11–2000

Grand Banks of Newfoundland – Lamb Rock — Light–buoy

67

L 11 Including existing Supplement amendment *For*
(isolated danger) *Read* (north cardinal)

Canadian Notice 01/4047/02
(HH. 603/415/02)

[10/02]

NP 57A Norway Pilot Volume IIA (1979 Edition) — Supplement 10–1999

Firing practice areas

6

L 5 *Insert:*

Firing practice areas

1.24a Five permanently active firing practice areas have been established by the Norwegian authorities in the SW approaches to Bergen. The areas, which are contiguous, are designated 202, 203, 204, 259 and Stolmen respectively. They are collectively bounded by the following coordinates:

60°10′.0N, 04°04′.9E
60°10′.0N, 04°56′.9E
60°05′.0N, 04°56′.9E
60°02′.9N, 05°01′.3E (shore)
60°01′.3N, 05°01′.3E (shore)
59°59′.0N, 04°56′.9E
59°55′.0N, 04°56′.9E
59°55′.0N, 05°04′.9E (shore)
59°51′.0N, 05°04′.9E (shore)
59°49′.0N, 04°56′.9E
59°40′.0N, 04°56′.9E
59°40′.0N, 04°26′.9E
59°55′.0N, 04°26′.9E
59°55′.0N, 04°04′.9E and
60°10′.0N, 04°04′.9E.

For further details, see *The Mariner's Handbook, Annual Summary of Notices to Mariners*, and the relevant *Admiralty List of Radio Signals*.

136

R 39 *Insert:*

8.5a Firing practice areas. Permanently active firing practice areas lie in the south–western and western approaches to Selbjørnsfjorden. For limits and further details see 1.24a.

152

L 43 *Add:*

9.4a Firing practice areas. Permanently active firing practice areas lie in the south–western approaches to Korsfjorden. For limits and further details see 1.24a.

Norwegian Notice 01/49/02 and Norwegian Chart 307
(HH. 308/115/01) [10/02]

Masfjorden — Cable ferry; Precautionary area

198

L 21 *Add:*

12.141a Cable Ferry. A cable ferry operates across the mouth of Masfjorden, between Masfjordnes (60°48′.1N, 5°18′.3E) and Duesund, 8 cables N. The ferry route is enclosed within a Precautionary area bounded by the following coordinates:

60°48′.1N, 5°18′.1E
60°48′.6N, 5°18′.4E
60°48′.7N, 5°18′.9E and
60°48′.1N, 5°18′.7E.

Vessels with a draught exceeding 2 m can only cross the ferry route when the ferry is berthed. Such vessels should contact the ferry on VHF channel 8 before entering the Precautionary area.

Norwegian Notice 01/35/02
(HH. 310/455/03)

[10/02]

NP 60 Pacific Islands Pilot Volume I (1988 Edition) — Supplement 5–2000

Soloman Islands – Santa Isabel Island – Durour Ridge westwards — Rock

118

R 52 *Add:*

Clear of a rock (7°10′.3S, 158°22′.1E) (reported 2002) over which the depth is unknown but which is considered dangerous to surface navigation, thence:

sv *Swaray*
(HH. 583/420/02)

[10/02]

IV

NP 63 Persian Gulf Pilot (1982 Edition) — Supplement 8–2001

Qatar – Musay'id (Umm Said) — New approach channel

172

R 49–53 *Replace by:*

... bound for Musay'id should follow the recommended track, shown on the chart, leading generally SW to a position NW of E–01 Light–buoy (W cardinal) (25°12'·6N, 51°44'·6E). Thence the route divides to follow either the East Approach Channel or West Approach Channel, as shown on the chart, each marked by light–buoys (lateral and cardinal), to a position SE of SE Ārif Light–buoy (E cardinal) (24°53'·6N, 51°43'·1E) from which a racon (B) is transmitted.

Heavy overfalls, at certain times, are a feature of the area E of Ra's al 'Ilāj (25°01'·1N, 51°37'·6E) where the West Approach Channel leads through a narrow gap in the coastal bank.

In 1980, the least depth on the recommended track was 11 m in the West Approach Channel between W–03 and W–04 Light–buoys, and about 3 cables S of W–07 and W–08 Light–buoys; however shoaler depths lie very close to the recommended track in places. Under favourable conditions, shoals with depths of less than 11 m over them can generally be distinguished by the lighter colour of the water, but this is not an indication to be relied upon as some shoals appear as darker patches and others give no indication of their existence.

R 60–70 *Delete*

173

L 1–10 *Delete*

L 12 *Insert:*

Charts 3787, 3783

L 13–15 *Replace by:*

Main channel to Musay'id
7.180

Musay'id Main Channel, rounding S of Fasht al ...

L 28 *Replace by:*

Directions for main channel

L 36–40 *Replace by:*

Directions. From a position SE of SE Ārif Light–buoy (E cardinal) (24°53'·6N, 51°43'·1E), the recommended track shown on the chart and marked by light–buoys (lateral and cardinal) leads initially SW to a position S of S 'Ārif Light–buoy (S Cardinal) (24°50'·9N, 51°40'·9E) marking the limit of the shoals which extend S from Fasht al 'Ārif. Thence the track leads generally NNW and W to Musay'id.

Charts BA 3787 Edition 5, and BA 3783 Edition 1.

(*HH. 489/400/03*) [10/02]

NP 64 Red Sea and Gulf of Aden Pilot (1980 Edition–Revised 1987) — Supplement 5–1998

Djibouti — Less water reported

267

L 44 *Add:*

Caution. Less water than charted has been reported, close to the leading line, to the W of Banc du Héron, as indicated on the chart.

L 66 Including existing Supplement amendment *Add:*

Isolated shoals of 9.1 m and 9.4 m exist, close to the leading line, to the N and NE of Banc des Salines, as indicated on the chart.

French Notice 50/48/01

(*HH.471/400/03*) [10/02]

NP 69 East Coast of the United States Pilot Volume II (1999 Edition)

Charleston Harbor — Folly Reach Leading lights discontinued

243

Paragraph 8.63 4 lines 5–6, *Replace by:*

Thence the track leads to the beginning of Folly Reach.

Paragraph 8.64 *Replace by:*

8.64

1 **Folly Reach and Shutes Reach.**

The track leads W through Folly Reach, marked by light–buoys (lateral).

2 The track then leads NW for 3 cables through Shutes Reach, keeping to the centre and passing NE of Shutes Folly Island (32°46'·5N, 79°54'·7W), to the beginning of Horse Reach Leading line.

US Notice 06/11524/02

(*HH. 614/615/05*) [10/02]

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.

Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

0010	- Crow Rock	49 56·3 6 18·5	Fl(2)W 10s	...	...	Black $\oslash$ on black beacon, red band	(P) March 2002
*	*	*	*	*	*	*	*
0838-6	- North Quay. N end	50 47·9 0 03·0	Fl G 10s	...	...	Column 4	
			*				
1519	-- NE	48 46·4 5 10·8	LFl W 10s	9	5	Red and white striped buoy	<i>fl</i> 3. Racon. Missing (T) 2002
	--	...	Whis				
	*						*
1837	Grande basse de Portsall	48 36·7 4 46·2	VQ(9)W 10s	...	4	∇ on yellow buoy, black band 9	Ra refl. Missing (T) 2002
	-	...	Whis				*
2282	- Lowestoft Roads. Claremont Pier	52 27·9 1 44·9	Oc WR 8s	5	W 8 R 6	White metal column 4	W223·8°-229·8°(6°), R229·8°-223·8°(354°) *
2332	NEWARP Lt V (T)	52 48·4 1 55·7	Fl W 10s	12	16	Red hull, light tower amidships, with NEWARP in white	<i>fl</i> 0·2. Also shown in reduced visibility. Racon
	-	...	Horn 20s	...	...	...	<i>bl</i> 2 *
4904			Remove Fog Signal				
6033	- Entrance Ldg Lts 184°19'. No 11. Front	54 49·6 5 47·7	Oc W 4s	6	12	White $\diamond$, red stripe, on red pile structure	<i>ec</i> 1. Vis 5° either side of leading line *
7780-975	- TYRA SE. DUC-T-SE	55 38·5 4 53·1	Mo(U)W 15s	...	10	Platform	
	---	...	Mo(U)R 15s	...	3		
	---	...	Horn Mo(U) 30s				*
	*		*				

Volume B, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.

Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

0915-5	Remove from List						
1592-6	--- E end	53 32·6 9 55·5	Iso Y 4s	7	4	Dolphin	Fl Y (T) 2002
							*
1817-4	- Kremer Sand. Ldg Lts 291·9°. Front	55 27·7 8 24·8	F W	9	7	White $\times$ on post with grey mast 10	Vis 15° either side of leading line. Shown 24 hours
*	*	*	*	*	*	*	*

V

Volume B *continued.*

1817-41	--- Rear. 244·2m from front	55 27·7 F W 8 24·6	12	7	White × on post with grey mast	11	Vis 15° either side of leading line. Shown 24 hours
*	*	*	*	*	*	*	*
2101-2	--	57 12·4 Al WR 4s 9 30·1	20	W 16 R 13	Framework tower 12		When firing is taking place
	--	... <i>By day</i> Q W					
	*	*	*	*	*	*	
2190	- Ldg Lts 053°. Klövningarna. Front	58 56·0 Iso WRG 4s 10 59·3	11	W 11 R 8 G 7	White tower 6		W051°-059°(8°), R059°-132°(73°), G132°-140·5°(8·5°), W140·5°-145°(4·5°), R145°-216°(71°), G216°-242°(26°), W242°-255·5°(13·5°), R255·5°-327°(71·5°), G327°-051°(84°). Racon
							*

Volume C, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.

Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

0191-99	- Mellerup. Ldg Lts 253·4°. Front	56 31·4 Iso G 2s 10 13·4	6	6	Red △ on mast 6		Vis 4° either side of leading line
*	*	*	*	*	*	*	*
0191-991	--- Rear. 68m from front	56 31·4 Iso G 4s 10 13·3	11	6	Red ▽ on mast 11		Vis 4° either side of leading line
*	*	*	*	*	*	*	*
3443-5	- NE Breakwater. Head	56 53·5 Fl R 3s 21 10·1	8	2	Red round column 5		<i>fl 1. TE 2002</i>
							*
3616	Abruka. Ldg Lts 259·3°. Front	58 09·0 Q W 22 32·1	22	8	White □ on metal post, red upper	21	Vis on leading line only. Shown 20/4-15/12
	*					*	
6200	<i>Remove from List</i>						

Volume D, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.

Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

0828	- Morgat. Môle. Head	48 13·6 Oc(2)WR 6s 4 29·9	8	W 9 R 6	White and red pylon 6		<i>ec 1, lt 1, ec 1, lt 3.</i> W007°-257°(250°), R257°-007°(110°)
							*
0828-5	-- Pontoon. Breakwater. W Head	48 13·6 Fl R 4s 4 29·6	...	2	Red support 1		<i>fl 1</i>
*	*	*	*	*	*	*	*
0828-55	-- Detached Pontoon. E Head	48 13·6 Fl G 4s 4 29·7	...	2	Green support 1		<i>fl 1</i>
*	*	*	*	*	*	*	*

V

Volume D *continued.*

0915	- Pointe de Toulgoet	47 52·3 4 06·8	Fl R 2·5s	2	1 Red mast	4	<i>fl 0·5</i>
			*				*
0924	Beg-Meil. Slipway. Head	47 51·7 3 58·8	Fl R 2·5s	6	1 White column, red bands	4	<i>fl 0·5. Aero obstruction light on tower 0·5 M SE</i>
	*		*		*		*
0935	- Marina. Wavescreen Pontoon. Head	47 52·3 3 54·7	Fl(3)R 12s	3	1 Red □ on post	2	<i>(fl 0·5, ec 2) x 2, fl 0·5, ec 6·5. Vis 018°-340°(322°)</i>
				*	*		*
1230			<i>Remove Fog Signal</i>				
1244·8			<i>Remove Fog Signal</i>				
1250			<i>Remove Fog Signal</i>				
1285			<i>Remove Fog Signal</i>				
1304			<i>Remove Fog Signal</i>				
1841	- Ensenada de Villagarcia. El Porrón	42 36·5 8 46·6	Fl Y 5s	...	2 Metal lattice beacon		<i>fl 0·5. Marks marine cultivation</i>
							*
1901·6	- El Con. Pier. Head	42 16·3 8 44·2	Fl(4)R 11s	9	5 Red round masonry tower	7	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4·5</i>
							*
1921	- Mole. Head	41 54·1 8 52·7	Fl(2)G 7s	11	5 Green truncated conical tower	3	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i>
							*

Volume E, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.
Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

0601·1	- Access Channel. No 1	43 23·1 4 57·6	Iso G 4s	7	2 Green △ on green buoyant beacon		
*	*		*	*	*	*	*
0601·21	-- No 3	43 23·4 4 56·8	Q G	7	2 Green △ on green buoyant beacon		
*	*		*	*	*	*	*
0601·22	-- No 4	43 23·2 4 56·6	Q R	7	2 Red □ on red buoyant beacon		
*	*		*	*	*	*	*
0601·24	-- No 5	43 23·6 4 56·1	Fl G 4s	4	2 Green △ on green buoyant beacon		
*	*		*	*	*	*	*
0601·26	-- No 7	43 23·8 4 54·9	Q G	4	2 Green △ on green buoyant beacon		
*	*		*	*	*	*	*

V

Volume E *continued.*

2829	--	45 20·0 14 24·9	Fl G 3s	8	4	Green metal tower with column and gallery	<i>fl 0·5</i>	*
2854	- Kraljevica. Pier. N corner	45 16·4 14 34·1	F R	5	3	Red metal column 4		*
3066	-- Luka Olib. Mole. Head	44 22·8 14 46·9	Fl R 3s	7	4	Red round tower with column and gallery 5	<i>fl 0·5. Obscured by Hridi Kurjak</i>	*
3116·3	- Pličina Balabra	43 56·8 15 15·5	Fl(2)W 10s	6	3	Black ♂ on black beacon, red band 5	<i>fl 0·5, ec 2, fl 0·5, ec 7</i>	*
3127·4	-- Entrance. E side	43 57·1 15 09·4	Fl R 3s	10	4	Red round tower 5	<i>fl 0·3</i>	*
3226·5	Otočić Raparašnjak	43 40·9 15 35·5	Fl W 4s	21	7	White tower 5	<i>fl 0·5. Vis 350°-334°(344°)</i>	
*	*	*	*	*	*	*		*
3229·2	Otočić Ravan. W side	43 39·6 15 44·2	Fl W 5s	12	10	Square stone tower concrete base 8	<i>fl 0·5</i>	*
3286·5	Grbavac Rock	43 33·6 15 53·3	Fl(2)W 5s	7	7	Black ♂ on black beacon, red bands	<i>fl 0·5, ec 1, fl 0·5, ec 3</i>	*
3294	- Otočić Murvica	43 28·0 16 03·7	LFl R 8s	15	7	Square stone tower and dwelling 7	<i>fl 2. Reserve light 6M</i>	
	--	...	Siren 30s	...	...	...	<i>bl 4. TD 2002</i>	*
3314	- Slatine. Mole. Head	43 30·0 16 20·7	Fl R 3s	6	3	Red tower with gallery 5	<i>fl 0·3</i>	*
3332	- Maslinica. Rt Sveti Nikola	43 23·8 16 12·5	Fl WR 3s	10	W 7 R 4	Square stone tower 7	<i>fl 0·5. R011°-056°(45°), W056°-011°(315°)</i>	*
3356	- Gat Sv Nikole. SW corner	43 30·4 16 26·5	Fl W 3s	8	4	White metal tower 5	<i>fl 0·3. TE 2002</i>	*
3360	- Krilo. Mole. Head	43 27·6 16 36·1	Fl G 3s	6	2	Green metal tower 5	<i>fl 0·3</i>	*

V

Volume E *continued*.

3378	- Kutleša. Mole. Head	43 24·3 16 48·6	Fl G 3s	6	4	Green tower with column and gallery 5	<i>fl 0·3</i>	
								*
3390	-- Mole. Near head	43 17·6 17 01·3	Fl W 3s	7	4	White column with gallery 5	<i>fl 0·5</i>	
								*
3505	-- Rogotin. Below bridge. S bank	43 02·3 17 29·3	Fl G 3s	5	3	Green round tower concrete base 2	<i>fl 0·3</i>	
								*
3582	-- Quay	42 47·1 17 53·4	Fl G 5s	7	3	Green metal column and gallery 5	<i>fl 0·5</i>	
								*
3632	- ĐENOVIĆI. Mole. Head	42 26·0 18 36·6	Fl R 3s	14	6	Red metal tripod 2	<i>fl 0·3</i>	
								*
3652	- Rt Sv Nedjelja	42 27·6 18 40·9	Fl R 2s	7	5	White metal tower 7	<i>fl 0·3</i>	
		*						*
3661	- Kostanjica. Breakwater. Head	42 29·2 18 40·3	F R	4	3	White metal framework tower 4		
								*
3843	- Lygia. Mole. Head	38 47·4 20 43·3	Fl R 3s	6	3	...	<i>fl 0·3</i>	
*	*	*	*	*	*	*		*
4503	- Yacht Club. Pier. Dir Lt 050°	40 36·6 22 57·0	Dir Iso WRG 10s	10	19	White metal framework tower on building	R044°-048·5°(4·5°), W048·5°-051·5°(3°), G051·5°-056°(4·5°)	
	---	...	Horn Mo(T) 60s *	...	...	...	<i>bl 5·1</i>	
4765·8	- Skala Astipaleas. Quay. SE point	36 32·9 26 21·4	3 F R	7	3	White metal column, red band	In shape of ∩	
								*
4765·82	--- NW point	36 32·9 26 21·3	3 F G	8	3	White metal column, green band 7	In shape of ∩	
								*
5840·4	- Göçek. Inner Harbour	36 45·1 28 55·8	Fl WR 3s	15	W 7 R 4	White metal framework tower 6	<i>fl 0·3</i> , W314°-326°(12°), R326°-314°(348°)	
		*	*					
5871·3	- Taşucu. S Breakwater. Head	36 18·9 33 52·9	Fl(2)R 10s	13	7	White metal framework tower 8	<i>fl 0·5</i> , <i>ec 2</i> , <i>fl 0·5</i> , <i>ec 7</i>	
			*					*

V

Volume E *continued*.

5871·32	-- N Breakwater. Head	36 19·0 33 52·9	Fl(2)G 10s	11	7	White metal framework tower	<i>fl 0·5, ec 2, fl 0·5, ec 7</i>
						7	
			*				*
5978·6	- El Bahar Tower	31 18·1 32 21·5	Iso W 2s	42	15	White framework tower, red bands	Reported destroyed; Fl(2) W 10s 5M (T) 2002. Racon. Reported TR 2002
						42	
--		...	Horn 2s				*
6649	-- E Head	36 31·8 1 19·2	Iso G 4s	10	6	White round tower	F G (T) 2002
						4	*
6650	- Jetée NW. Head	36 31·6 1 19·1	Oc(2)G 6s	10	7	White round tower	<i>ec 1, lt 1, ec 1, lt 3. Vis 226°-116°(250°).</i> F G (T) 2002
						7	*
6651	- Jetée NE. Head	36 31·7 1 19·2	Oc(2)R 6s	10	8	White round tower	<i>ec 1, lt 1, ec 1, lt 3. Vis 193°-096°(263°).</i> F R (T) 2002
						8	*
6665·3	- E Jetty. Head	35 49·1 0 14·5	Fl R 2s	...	...	...	<i>fl 0·5. TE 2002</i>
							*

Volume F, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.
Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

1223·4	- Katchall West Bay	7 55·6 93 19·5	Fl(3)W 15s	17	10	White concrete tower, black bands	<i>(fl 0·5, ec 1) x 2, fl 0·5, ec 11·5.</i> TE 2002
						11	
							*
1895	Sungai Sematan. Ldg Lts 202°. Front	1 48·4 109 46·4	Fl W 4s	6	3	White △ on metal column	<i>fl 0·5</i>
							*
1895·1	-- Rear. 100m from front	1 48·4 109 46·4	Fl W 4s	11	3	White ▽ on metal framework tower	Synchronized with front
							*
1895·2	- Kuala Sematan. Ldg Lts 226°. Front	1 48·7 109 46·7	Fl(2)R 5s	7	8		
*	*		*	*	*	*	*
1895·21	--- Rear	1 48·7 109 46·7	Fl(2)R 5s	9	8		
*	*		*	*	*	*	*
1895·4	--	1 48·9 109 46·4	Fl W 2s	6	5	△ on beacon	
							*

V

Volume F *continued.*

2858·4	- Naval Basin. S side	3 58·1 Fl R 103 26·2	...	...	...	Reported removed (T) 2002
						*
3422	- Taipa	22 09·7 F R 113 34·3	...	3	Chimney	
*	*	*	*	*	*	*
3427	-- Ldg Lts 305°. Jetty. Front	22 11·8 F W 113 33·3	13	5	Black metal structure	Ldg Lts are shown by day when hydrofoils are operating and at night as necessary
		*				
3427·01	--- Centre	22 11·8 F W 113 33·0	51	5	Black metal structure	
		*				
3427·1	--- Rear. 440m from front	22 11·9 F W 113 33·0	66	5	Black metal structure	
		*				
3434·5	<i>Remove from List</i>					
3435·2	<i>Remove from List</i>					
3435·4	<i>Remove from List</i>					
3449	<i>Remove from List</i>					
3454·2	- No 2	22 25·2 Fl(2)R 6s 113 34·9	1	1	□ on red beacon	<i>fl 0·4, ec 1, fl 0·4, ec 4·2</i>
*	*	*	*	*	*	*
3454·3	- No 4	22 27·5 Fl(2)R 6s 113 35·0	3	1	□ on red beacon	
*	*	*	*	*	*	*
3454·4	- No 5	22 28·9 Fl(2)R 6s 113 34·9	3	1	□ on red beacon	<i>fl 0·4, ec 1, fl 0·4, ec 4·2</i>
*	*	*	*	*	*	*
3456·5	Hengmendong Shuidao. No 1	22 27·7 Fl(2)R 6s 113 38·8	5	3	□ on red beacon	
*	*	*	*	*	*	*
3714·266	Daxie Dao. Approaches	29 55·2 Q G 121 59·9	10	7	△ on green beacon 6	Racon
*	*	*	*	*	*	*
3750·5	- Nanchaodong	30 59·8 Mo(O)Y 12s 122 06·0	...	...	...	Water level special warning light. (T) 2002
*	*	*	*	*	*	*
4022	--- N Head	38 56·3 Iso W 6s 121 40·2	13	5	Round stone pile 13	FW (T) 2002
						*
5547·58	-	34 29·8 Fl(2)W 10s 134 24·6	...	5	Black ⊗ on black beacon, red band	
*	*	*	*	*	*	*

V

Volume F *continued.*

6235	- E Breakwater. Head	34 41·1 138 12·7	Fl(2)G 6s	15	7	White tower 11	
			*	*	*		*
6401·45	- Yokohama Kōro. No 1	35 26·3 139 41·8	Fl(2)G 6s	8	6	Green beacon	Ra refl
*	*	*	*	*	*	*	*
6773·75	- W Breakwater	42 36·8 141 37·1	Fl Y 3s	12	5		
	*						*
7434·35	Ostrov Lavrova	42 57·8 131 47·8	Fl W 5s	60	8	Round metal tower, red and white bands and platform 8	<i>fl</i> 1·5. Ra refl
				*		*	*
7473	-- Mys Balka	43 01·8 131 54·9	LFl RG 5s	21	R 3 G 2	White 4-sided metal framework pyramid 3	R357°-162·5°(165·5°), G162·5°-357°(194·5°). Shown 15/4-30/12. TE 2000
							*
7486	Mys Zelenyy	43 11·2 132 06·7	Fl W 5s	26	8	Round metal tower, red and white bands and platform 5	<i>fl</i> 1·5. Vis 186°-033°(207°). Shown 15/4-1/12. Ra refl
				*	*		*
9531·15	- Lady Down	6 33·8 103 42·8	Lit	...	...	Platform	
*	*	*	*	*	*	*	*

Volume G, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.
Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

0007·4	- Igarapé do Espírito Santo	0 15·7 50 31·3	Fl W 15s	23	16	White square metal framework tower 23	Ra refl
	*		*		*		*
0391	- I Rasa de Dentro	22 48·0 43 09·5	Fl(2)W 5s	3	5	Round tower, black and red bands	<i>fl</i> 0·5, <i>ec</i> 1, <i>fl</i> 0·5, <i>ec</i> 3
							*
3124	- Isla del Morro. E point. Tumaco	1 49·5 78 43·8	Fl WR 10s	91	W 24 R 20	Orange square concrete tower 11	<i>fl</i> 0·4, R202·5°-207°(4·5°), W207°-202·5°(355·5°)
							*
3507·4	<i>Remove from List</i>						
3968			<i>Remove Fog Signal</i>				
4482·1	-- Rear. 180m from front	44 01·0 124 07·8	Iso W 6s	11	...	Red □, black stripe, on framework tower	Same structure as G4480
		*	*	*		*	*
4732	- SOUTH REACH A. Ldg Lts 092°18'. Front	46 55·2 124 03·0	Fl R 2·5s	6	...	Red □, black stripe, on pile	Intens on leading line. Ra refl
			*				

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Volume H, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.

Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

0459·2	- Torbay Wharf	47 39·9 52 43·6	Fl R 4s	...	2	Mast	
*	*	*	*	*	*	*	*
0460·5	- Quidi Vidi Breakwater	47 34·9 52 40·4	Fl G 4s	...	2	Mast	
*	*	*	*	*	*	*	*
0468·5	- Bauline	47 43·4 52 50·1	Fl(2)W 8s	10	6	Red and white □ on square framework tower 6	
*	*	*	*	*	*	*	*
0514	- Motion Islands. Random Head Harbour	48 05·9 53 32·8	Fl R 3s	38	5	Red and white chequered round tower 7	<i>fl 0·5</i>
			*				
0539	-- Long Liner Wharf. Head	48 39·0 53 06·8	Fl G	3	4	Cylindrical mast 2	Seasonal
		*	*	*	*	*	*
0543·7	-- Wharf	48 41·3 53 38·6	Fl G 4s	...	2	Mast	
*	*	*	*	*	*	*	*
0544·5	--	48 38·1 53 45·3	Fl R 4s	...	2	Mast	
*	*	*	*	*	*	*	*
0545·5	- Jamestown. Wharf	48 26·6 53 48·3	Fl G 4s	4	2	Round mast	Seasonal
*	*	*	*	*	*	*	*
0560	-- Scammels Lookout	49 04·0 53 34·2	Fl G 6s	6	4	Round mast 2	<i>fl 0·5. Seasonal.</i> F R 180m SW
			*		*	*	*
0653	- Little Burnt Bay. Wharf	49 21·5 55 04·3	Fl G 4s	3	4	Round mast 2	Seasonal
*	*	*	*	*	*	*	*
0653·5	- Embree. Wharf	49 19·3 55 02·0	Fl G 4s	...	4	Round mast 2	Seasonal
*	*	*	*	*	*	*	*
0674·1	- Cards Harbour Point	49 30·5 55 37·5	Fl R 4s	...	4	Round mast	
*	*	*	*	*	*	*	*

Volume J, 2001/02. Weekly Edition No. 10, Dated 7th March, 2002.

Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

2022·4	- No 3	38 16·9 76 00·9	Fl G 2·5s	5	3	Green □ on multi-pile structure	
		*	*	*		*	*

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Volume J *continued.*

2060	- Channel No 1	38 21·1 76 16·3	Fl G 4s	5	3	Green □ on multi-pile structure	
		*		*	*	*	
2186			<i>Remove Fog Signal</i>				
2214			<i>Remove Fog Signal</i>				
3493·86	<i>Remove from List</i>						
3493·88	<i>Remove from List</i>						
4213·35	<i>Remove from List</i>						
4213·4	<i>Remove from List</i>						
6167·6	- Punta Castillo Grande	10 23·4 75 32·7	Fl W 7s	24	25	Beige concrete tower 22	<i>fl 0·5.</i> R light on mast 2M NE
			*				*

Volume K, 2002/03. Weekly Edition No. 10, Dated 7th March, 2002.
Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

1411·8	Tg Serambut	2 59·4 113 03·2	Fl G 3s	15	6	...	<i>fl 0·5. TE 2002</i>
							*
1411·85	-	2 59·2 113 03·2	Fl W 8s	16	6	...	<i>fl 0·5. TE 2002</i>
							*
1444	Pulau Sambergelap (Pulau Buton Buton)	3 39·5 116 35·7	Fl(3)W 15s	21	12	White metal framework tower 14	<i>(fl 1, ec 2) x 2, fl 1, ec 8.</i> Obscured by adjacent islands 261°-266°(5°) and 286°-306°(20°). Reported TE 2002
							*
1462·21	-- Rear. 0·8M from front	0 59·2 117 19·0	Iso W 4s	16	12	White ▽ on white beacon 10	Racon. Reported TE 2002
							*
1462·39	- No 2 Ldg Lts 316°. Front	0 57·7 117 18·5	Q W	9	10	White △ on white beacon 10	Ra refl. Reported TE 2002
							*
1462·4	-- Common rear	0 57·4 117 18·2	Iso W 2s	15	12	White ▽ on white beacon	Ra refl. Reported TE 2002
							*
2022	Troubridge Island (co)	35 07·1 137 49·6	Fl WR 10s	24	W 10 R 7	Red circular tower with white band and lantern 25	<i>fl 1. W025°-005°(340°), R005°-025°(20°).</i> To be withdrawn (P) March 2002
							*
2122·8	- Robe (co)	37 10·0 139 44·6	Fl(3)W 10s	63	20	White concrete tower and lantern 19	<i>(fl 0·1, ec 1·6) x 2, fl 0·1, ec 6·5.</i> Vis 323°-242°(279°), Unintens 182°-242°(60°). Racon
							*

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Volume K *continued.*

2588	- Point Perpendicular (co)	35 05·7 150 48·2	Fl(3)W 20s	95	18	White GRP hut on white metal framework tower 19	(fl 0·1, ec 4·9) x 2, fl 0·1, ec 9·9. Vis 231°-028°(157°) and in Jervis Bay. Fl W 10s (fl 0·08) 19M (P) March 2002. F R lights on radio masts 5·25M SW
							*
2794	<i>Remove from List</i>						
2989·7	<i>Remove from List</i>						
3004·1	- Haynes Spit	23 32·6 150 54·0	Fl R 3s	...	...	Red □ on beacon	
*	*	*	*	*	*	*	*
3486	- Kimbe Island	5 12·3 150 22·6	Fl(3)W 10s	110	10	White hut 3	Destroyed (T) 2002
							*
3488	- STETTIN BAY. Grabo Reef. Kimbe. No 1	5 28·7 150 22·7	Fl(3)W 12s	7	10	...	(fl 0·5, ec 1·5) x 2, fl 0·5, ec 7·5. Destroyed (T) 2002
							*
3488·2	--- No 2	5 31·9 150 10·5	Fl(2)G 10s	6	4	White pile	fl 0·4. Destroyed (T) 2002
							*
3488·4	--- No 3	5 32·0 150 09·6	Fl G 5s	6	4	White pile	fl 0·5. Destroyed (T) 2002
							*
3488·5	--- No 4	5 32·6 150 09·1	Fl(3)G 9s	6	4	White pile	fl 0·3. Destroyed (T) 2002
							*
3488·6	--- No 5	5 32·7 150 09·4	Fl(2)R 8s	6	4	White pile	fl 0·5, ec 1·5, fl 0·5, ec 5·5. Destroyed (T) 2002
							*
3488·8	--- No 6	5 32·5 150 10·3	Fl(4)R 16s	6	6	White pile	(fl 0·5, ec 1·5) x 3, fl 0·5, ec 9·5. Destroyed (T) 2002
							*
3488·9	--- No 7	5 32·8 150 09·9	Q G	6	3	White pile	Destroyed (T) 2002
							*
3536·4	- Port of Burnie. Island Breakwater. SE end	41 03·1 145 55·3	F G	16	10	Metal tower 8	Neon
	*						
3536·5	--- SW side	41 03·1 145 55·2	F R				
*	*	*	*	*	*	*	*
3536·55	----	41 03·0 145 55·2	F R				
*	*	*	*	*	*	*	*

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Volume K *continued.*

3537	-- Berth 4. SE end	41 03:1 F R 145 54:8	...	... Dolphin	
*	*	*	*	*	*
3538	-- Berth 5. SE end	41 03:1 F R 145 54:8			
*	*	*	*	*	*
3539	-- Berth 6. E end	41 03:2 F R 145 54:8			
*	*	*	*	*	*
3544:5	-- Berth 7. E end	41 03:2 F R 145 54:8			
*	*	*	*	*	*
3545:4	<i>Remove from List</i>				
3739:5	- Te Haupa Island	36 30:9 VQ(6)+LFl W 15s 174 44:8	3	2 ∇ on black beacon, yellow top	
		*		*	*
3845:1	- North Reef	36 47:8 Fl R 3s 174 56:2	3	1 Red $\square$ on red beacon	<i>fl 0:5</i>
				*	*
4246	The Brothers (M)	41 06:2 Fl W 10s 174 26:5	79	19 White wooden tower 12	Reserve light 10M
-		... Fl R 10s	70	10 Same structure	Vis 164:5°-169:5°(5°) over Cook Rock but obscured within 0:8M
-		... Fl R 10s	...	10 Same structure	Vis 008°-014°(6°) over Awash Rocks. Reserve light 9M
					*
4744	- SAVUSAVU BAY. Lesiaceva Point. Point Reef	16 49:8 Fl W 3s 179 16:2	8	10 White 6-sided concrete tower 9	Obscured by land when bearing less than 250°
					*
4751	Nukutolu Islets. W end	17 17:0 Fl(3)W 10s 179 38:5	11	12 Metal tripod tower 7	<i>(fl 0:1, ec 1:6) x 2, fl 0:1, ec 6:5.</i> Vis 262°-250°(348°)
					*
4973:2	-	16 39:8 Fl(4)G 15s 151 32:0	6	5 Green $\triangle$ on green beacon 7	
	*		*	*	*
4973:4	-	16 39:8 Fl(4)R 15s 151 32:3	6	5 Red $\square$ on red beacon 6	
	*			*	*
4973:6	- Pointe Tiamahana	16 39:3 VQ(9)W 10s 151 31:6	4	5 Black ∇ on yellow beacon, black band 6	
		*		*	
4974:2	- Pointe Toamaro	16 41:2 Fl R 4s 151 28:9	4	6 Red $\square$ on red beacon 6	<i>fl 1</i>
		*	*	*	*

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Volume K *continued*.

4974·7	-- NE	16 42·1 151 27·8	VQ(3)W 5s	4	4	Black ∇ on black beacon, yellow band 7	
			*	*	*		
5006·6	- Banc Brisant (Tokarere)	23 08·3 134 57·5	Fl R 2·5s	4	4	Red $\square$ on red column 11	<i>fl 0·5. TE 2002</i>
							*
5020·6	-- No 4	23 20·7 149 30·3	Q R	4	4	Red $\square$ on red column 8	
					*	*	*
5021·3	-- No 12	23 20·3 149 28·8	Fl R 2·5s	4	4	Red $\triangle$ on red beacon 10	<i>fl 0·5</i>
*	*		*	*	*	*	*

Volume L, 2002/03. Weekly Edition No. 10, Dated 7th March, 2002.
Last Amendment: Weekly Edition No. 9, dated 28th February, 2002.

3456	-- Andenes	69 19·4 16 07·4	FFl W 30s	39	17	Red metal tower 40	Shown 10/8-26/4
			*	*	*		

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AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 10 dated 7 March 2002

VOLUME 1, 2001/02—PART 2

Published Wk 31/01

(Last Amendments: Weekly Edition No. 9 dated 28 February 2002)

Page 172, **PHILIPPINES**, insert station:

Ozamis (DXH4)

7°59'N 123°52'E

Located at Port Road, Ozamis City

TELEPHONE: +63 88 521 1745

NOTE: Accepts local and domestic calls only

1. RT (HF)

Transmits	Receives	Hours of Watch
16547	16547	H24
12255	12255	On request

MV Gory Island (HH080/018/09 - E32) 10/02

Page 156, (Pacific Coast) **CANADA** section,

89530 Rose Spit, Graham Island

Delete position and replace by: 54°09'·67N 131°39'·59W. Delete morse ident **U**, and replace by: **Q**

Canadian Notice 01/3802/02 and Corrections to Radio Aids Ed.01/02 (HH600/470/02 - E44) 10/02

LEGAL TIME

Page 185, **Cuba**, Daylight Saving Time, delete **Begins** date and replace by:

Sat before the last Sun in March.

Delete **Ends** date and replace by:

Sat before the last Sun in Oct

OAG Worldwide (HH080/030/08 - E81) 10/02

VOLUME 2, 2002/03

Published Wk 6/02

(Last Amendments: Weekly Edition No. 9 dated 28 February 2002)

RADAR BEACONS

Page 133, **CHINA** section, insert station:

Daxie Dao Lt Racon

29°55'·14N 121°59'·75E **81675**

K

Chinese Notice 4/54/02 (HH548/470/03 - E43) 10/02

Page 137, **KOREA, SOUTH** section, insert station:

Uduam Lt Bn Racon

(3 & 10 cm)

10 n miles

Y

37°03'·4N 126°04'·5E **82415**

Korean Notice 49/634/01 (HH557/419/07 - E7) 10/02

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VOLUME 5, 2001/02

Published Wk 31/01

(Last Amendments: Weekly Edition No. 9 dated 28 February 2002)

Page 90, **Chapter 9: VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1, Italy**, Palermo, column (5), delete Planned and replace by: Operational

Roma, column (5), delete Planned and replace by: Operational

10/02

Page 123, **Chapter 10: MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2, Italy**, Palermo, column (5), delete Planned and replace by: Operational

Roma, column (5), delete Planned and replace by: Operational

Italian Coast Guard (HH080/051/15 - E17) 10/02

VOLUME 6, 2001/02—PART 3

Published Wk 41/01

(Last Amendments: Weekly Edition No. 7 dated 14 February 2002)

Page 110, **ITALY, MELILLI OIL TERMINAL, Sicilia**

Pilots, PROCEDURE, delete section (4) and replace by:

(4) Pilot boards 1.5 n miles E of a line joining Capo Santa Panagia (37°06'·5N 15°17'·8E) and Punta Magnisi (37°08'·8N 15°14'·7E).

Harbour Master Siracusa (HH368/007/01 - T181) 10/02

Page 111, **ITALY, MESSINA, Sicilia**

Pilots, PROCEDURE, after section (5) insert new section as follows:

(6) Due to technical problems concerning TELEX communications, vessels are required to communicate with Messina Pilots using E-MAIL only until further notice.

Messina Pilots (HH080/009/05 - E32) 10/02

Page 132, **KUWAIT, MĪNĀ' SAUD**

Pilots and Port, PROCEDURE, delete section (3) and replace by:

(3) Pilot boards in position 28°45'·77N 48°29'·37E.

Capt. Vijay Wadhawan, Mīnā' Saud Port (HH493/400/02 - E28) 10/02

Page 136, **LIBYA, AS SIDRAH TERMINAL**

Delete **Pilots and Terminal** section and replace by:

Pilots and Terminal

CALL: As Sidrah Control

TELEPHONE: Operators: +218 21 333 7161 & 7167

FAX: Operators: +218 21 333 7169 & 0985

TELEX: +901 20158 & 20758 WAHA OIL LY (Attn: Marine Co-ordinator)

TELEGRAPH: Wahaoil Tripolilbya

FREQUENCY: Ch 16; 08

HOURS: H24

PROCEDURE:

(1) Pilotage is compulsory.

(2) Vessels should send ETA 72h, 24h, 12h and 4h in advance.

(3) When at anchor a continuous listening watch on VHF Ch 16 and Ch 08 should be maintained.

(4) Pilot boards in position 30°40'·2N 18°23'·5E.

NOTE: Station is operated by Waha Oil Company.

Waha Oil Company (HH406/838/01 - E3) 10/02

Page 164, **QATAR, MUSAY'ID (UMM SAID)**

Delete name and replace by:

MESAIEED (MUSAY'ID or UMM SAID)

SEE DIAGRAM WITHIN TEXT

10/02

Insert new diagram of **MESAIEED (MUSAY'ID or UMM SAID)** on page 6.4

Page 165, **Vessel Traffic Control**, REPORTING POINTS, delete Reporting Point table and replace by:

Reporting Point	Position
Mishut Lt buoy	25°15'·98N 51°46'·80E
Hul Lt buoy (West Channel)	25°02'·90N 51°41'·95E
Lt buoys E-02/E-05 (East Channel)	25°08'·60N 51°44'·11E
Lt buoy E-13 (East Channel)	24°56'·75N 51°47'·42E
SE Arif Lt buoy	24°53'·73N 51°43'·20E
No 1 Inner Lt buoy	24°52'·57N 51°40'·18E
Turning Lt buoy	24°54'·85N 51°39'·17E
Fairway Lt buoy	24°54'·49N 51°36'·39E

Mesaieed Port Operations Department (HH489/400/03 - E100) 10/02

Continued on next column

Continued on next page

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Page 171, **RUSSIA (Black Sea Coast), TAGANROG, Sea of Azov**

Pilots and Port, PROCEDURE, after section (3) insert new section as follows:

(4) Pilot boards in the following positions:

- (a) 47°01'·2N 38°35'·5E.
- (b) 47°02'·8N 38°51'·5E.
- (c) 47°02'·4N 38°55'·6E.

Russian Notice 2/72/02 & UK Chart 2234 (HH305/400/03 - E64) 10/02

VOLUME 6, 2001/02—PART 4

Published Wk 41/01

(Last Amendments: Weekly Edition No. 9 dated 28 February 2002)

Page 112, **INDIA, NAVLAKHI, Gulf of Kachchh**

Pilots and Port, PROCEDURE, delete sections (2) and (3) and replace by:

(2) Pilot boards in position 22°44'·1N 70°05'·0E.

Indian Notice 3/72/02 (HH502/410/04 - E51) 10/02

Page 223, **NEW ZEALAND, TAURANGA**

Pilots and Port, PROCEDURE, delete section (6) and replace by:

(6) Pilot boards in position 37°34'·88S 176°12'·48E.

New Zealand Notice 2/25/02 10/02

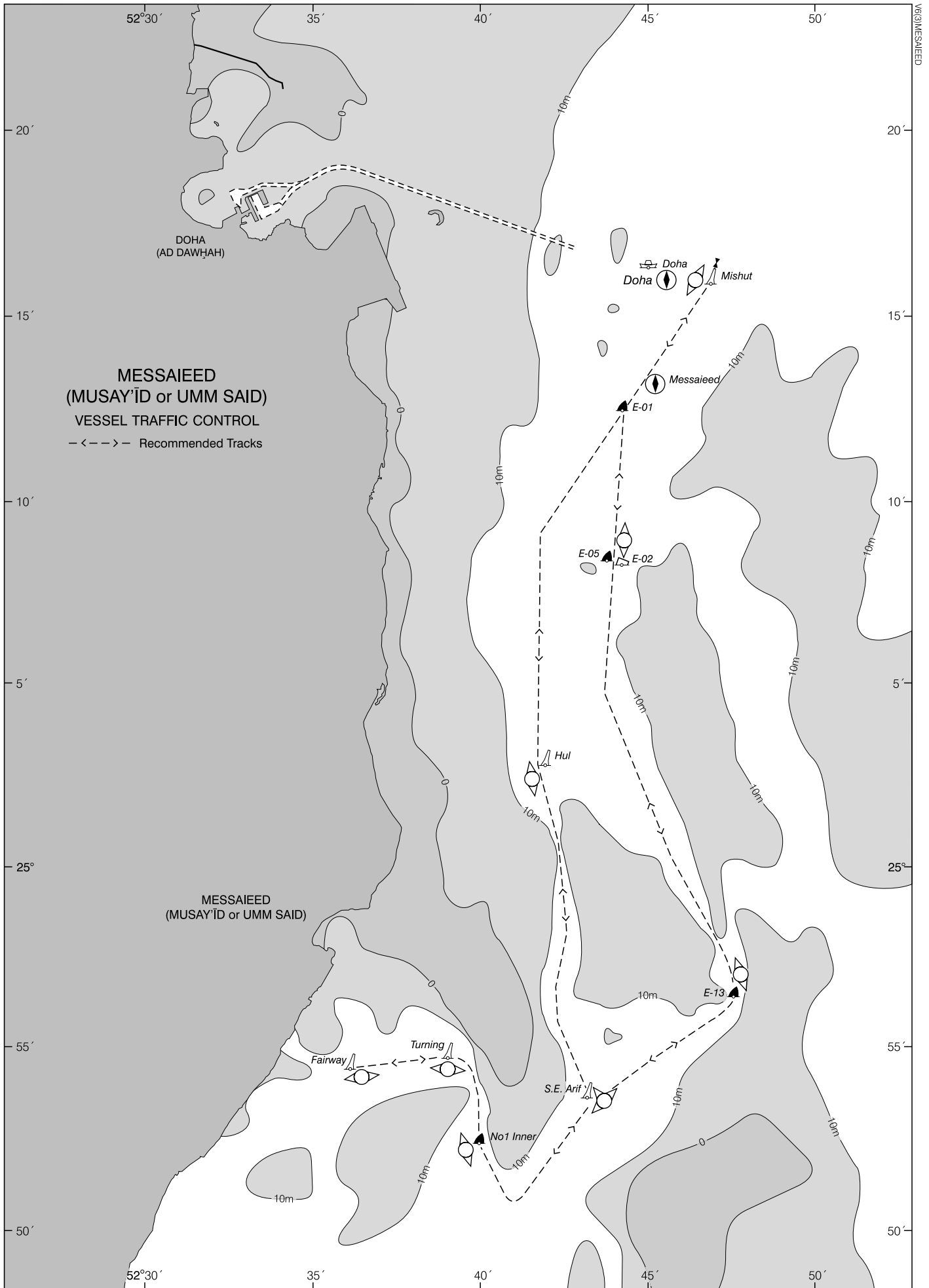
VOLUME 8, 2001/02

Published Wk 12/01

(Last Amendments: Weekly Edition No. 8 dated 21 February 2002)

A New Edition of this volume is in the press and will be published shortly

VI



HYDROGRAPHIC NOTE

(for instructions, see overleaf)

Date

Ref. No.

Name of ship or sender:

Address of sender:

.....

.....

Tel/Fax/Telex No./ e-mail address of sender (if appropriate):

General locality

Subject

Position. Lat Long

British Admiralty Charts affected Edition dated

Position fixing system used Datum set

Latest Weekly Edition of Notice to Mariners held

Publications affected (Edition No., ... date of latest supplement, page and Light List No. etc.)

.....

Details:—

A replacement copy of Chart No is required, but see 4 overleaf.

Signature of observer/reporter

HYDROGRAPHIC NOTE

Forwarding information for British Admiralty Charts and Hydrographic Publications

INSTRUCTIONS:—

1. Mariners are requested to notify the Hydrographer of the Navy, UK Hydrographic Office, Admiralty Way, Taunton, Somerset, TA1 2DN, United Kingdom, when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications seen to be necessary. The Mariner's Handbook (NP 100) Chapter 8 gives general instructions. The provisions of international and national laws should be complied with when forwarding such reports.
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 the UK Hydrographic Office at the above address or principal Chart Agents (see Annual Notice to Mariners No. 2).
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 and the readings of Loran, Decca, etc., should be quoted.
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 (where applicable) used should be given.
4. A cutting from the largest scale 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 on the chart itself) these should be in red as above, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.
5. When **soundings** are obtained The Mariner's 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 set should also be given.
6. Modern **echo sounders** frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:—
 - (a) the trace being weaker than normal for the depth recorded,
 - (b) the trace passing through the transmission line,
 - (c) the feathery nature of the trace.As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from charted depths.
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.
9. **Port information** should be forwarded on Form H.102a together with Form H.102. Form H.102a lists the information required for Admiralty Sailing Directions and should be used as an *aide memoire*. Where there is insufficient space on the form an additional sheet should be used.
10. Reports on **ocean currents** should be made on Form H.568 (Sea surface current observations) in accordance with The Mariner's Handbook. This form is obtainable from the UK Hydrographic Office, Taunton, or principal Chart Agents.

Note.— An acknowledgement or 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 Notice to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received from other authorities. An explanation of the use made of contributions from all parts of the world would be too great a task and a further communication should only be expected when the information is of outstanding value or has unusual features.

HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

Name of ship or sender:

Address:

Ref. No.

.....

Date:

.....

1. NAME OF PORT	
2. GENERAL REMARKS Principal activities and trade. Latest population figures and date. Number of ships or tonnage handled per year. Maximum size of vessel handled. Copy of Port Handbook if available.	
3. ANCHORAGES Designation, depths, holding ground, shelter afforded.	
4. PILOTAGE Authority for requests. Embarkation position. Regulations.	
5. DIRECTIONS Entry and berthing information. Tidal Streams. Navigational aids.	
6. TUGS Number available and max. hp.	
7. WHARVES Names, numbers or positions. Lengths. Depths alongside. Heights above Chart Datum. Facilities available.	
8. CARGO HANDLING Containers, lighters, Ro-Ro etc.	

9. CRANES Brief details and max. capacity.	
10. REPAIRS Hull, machinery and underwater. Ship and boat yards. Docking or slipping facilities. Give size of vessels handled or dimensions. Hards and ramps. Divers.	
11. RESCUE AND DISTRESS Salvage, lifeboat, Coastguard, etc.	
12. SUPPLIES Fuel with type and quantities available. Fresh water with rate of supply. Provisions .	
13. SERVICES Medical. De-ratting. Consuls. Ship chandlery, compass adjustment, tank cleaning, hull painting.	
14. COMMUNICATIONS Road, rail and air services available. Nearest airport or airfield. Port radio and information service with frequencies and hours of operating.	
15. PORT AUTHORITY Designation, address and telephone number.	
16. SMALL CRAFT FACILITIES Information and facilities for small craft (eg yachts) visiting the port. Yacht Clubs, berths, etc.	
17 VIEWS Photographs (where permitted) of the approaches, leading marks, the entrance to the harbour, etc. Picture postcards may also be useful.	

Signature of observer/reporter