



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 8

21 February 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 in 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 21 February 2002

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⊙712 INT 7730	International Chart Series, Indian Ocean, La Réunion to Mauritius and Ile Tromelin. 19°23'00S. — 21°45'00S., 54°40'00E. — 58°21'00E. Ⓐ Ile Tromelin. 15°52'20S. — 15°56'70S., 54°29'90E. — 54°32'60E. <i>This new chart completes the International Chart Series for La Réunion, Mauritius and Ile Tromelin. (A modified reproduction of INT 7730 originally published by France in 1996).</i> <i>Note: Charts 689 and 4700 are to be deleted from the list of charts affected by Former Notice 3158(P)/00.</i>	1:350,000 1:30,000	38	52	£16·30

Reproductions of Australian Government Charts

Chart	Published	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙Aus 348	9/11/01	Australia - South Coast, South Australia - Victoria, Cape Martin to Cape Nelson. 37°20'00"S. — 38°53'48"S., 138°39'11"E. — 141°47'00"E. Port Macdonnell. 38°03'00"S. — 38°05'06"S., 140°41'00"E. — 140°44'05"E. <i>A new metric chart providing improved coverage of Port Macdonnell. The horizontal and vertical datums are referred to WGS84 and LAT respectively.</i>	1:300,000 1:15,000	65	84	£16·30
⊙Aus 646	28/9/01	Papua New Guinea, North Coast, Approaches to Madang. 5°02'54"S. — 5°16'12"S., 145°46'00"E. — 145°53'45"E. Madang Harbour. 5°11'08"S. — 5°13'48"S., 145°47'24"E. — 145°50'00"E. <i>A new metric chart providing improved coverage of the Approaches to Madang. A replacement for existing Chart Aus 654. The horizontal and vertical datums are referred to WGS84 and LAT respectively.</i>	1:37,500 1:7,500	67	96	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 21 February 2002

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙1089	Baltic Sea - Gulf of Finland, Approaches to Kotka and Hamina. <i>Includes amendments to restricted areas, depths and harbour developments at Mussalo.</i> <i>Note: This chart is to be deleted from the list of charts affected by Former Notice 1205(P)/01.</i>	1:55,000	11	32	£16·30
1527	Japan, Kyūshū - West Coast, Iō Shima to Madara Shima. <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 Notices 869(T)/02, 870(T)/02 and 871(T)/02.</i>	1:100,000	53	82	£16·30
⊙2253 INT 1723	International Chart Series, England - South Coast, Dartmouth Harbour. Ⓐ River Dart, Continuation to Blackness Point. Ⓑ River Dart, Blackness Point to Berry Rock. Ⓒ River Dart, Continuation to Totnes. <i>Includes extensive changes to depths from the latest Dart Harbour Authority survey information and changes to lights, pontoons and other small craft facilities.</i>	1:6,250 1:6,250 1:12,500 1:12,500	1	18	£16·30
2401	Japan, Kyūshū - West Coast, Yatsushiro Kai and Shimabara Wan. <i>This partial new edition is limited to include changes to depths in Nagoshima Kaikyo. The horizontal datum of this chart has been transferred to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:100,000	53	80, 82	£16·30
2415	Japan, Kyūshū - West Coast, Outer Approaches to Nagasaki. <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 Notices 4534(P)/00 and 3632(P)/01.</i>	1:180,000	53	80, 82	£16·30
⊙2655	English Channel, Western Entrance. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS84 compatible datum (Former Notice 4672(P)/99 refers) and the inclusion of submarine cables.</i> <i>Note: This chart is to be deleted from the list of charts affected by Former Notices 285(P)/00, 450(P)/00, 3445(P)/00, 3520(P)/00 and 4123(P)/00.</i>	1:325,000	1	17	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 21 February 2002 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
2815	Japan, Kyūshū - West Coast, Nagasaki Kō and Approaches. Nagasaki Kō. Approaches to Nagasaki Kō.	1:12,500 1:40,000	53	82	£16·30
<i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>					
3112	Japan, Plans on the West Coast of Kyūshū. Nagashima Kaikyō. Kuro Seto. Miike Kō. Misumi Kō.	1:50,000 1:30,000 1:25,000 1:15,000	53	82	£16·30
<i>This partial new edition is limited to include changes to depths in Nagashima Kaikyō and quays and depths in Misumi Kō. The horizontal datum of this chart has been transferred to WGS84 (Former Notice 3871(P)/00 refers).</i>					
<i>Note: On publication of this New Edition Former Notice 5049(T)/01 is cancelled.</i>					
3115	Japan, Ports on the North Coast of Kyūshū. Karatsu Wan. Hakata. Karatsu.	1:45,000 1:25,000 1:20,000	53	82	£16·30
<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 4210(P)/00.</i>					
3514	Japan, Kyūshū - North Coast, Ikitsuki Shima to Ō Shima. Imari.	1:100,000 1:100,000	53	82	£16·30
<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 Notices 871(T)/02, 872(T)/02 and 873(P)/02.</i>					
3881	Japan, Kyūshū - West Coast, Sasebo and Approaches. ① Sasebo. ② Terashima Suidō.	1:50,000 1:15,000 1:20,000	53	82	£16·30
<i>This partial new edition is limited to include changes to depths in Terashima Suidō. The horizontal datum of this chart has been transferred to WGS84 (Former Notice 3871(P)/00 refers).</i>					
<i>Note: This chart remains affected by Former Notice 870(T)/02.</i>					

*UK (RRP) means UK recommended retail price.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Publications

<i>NP No.</i>	<i>Title and other remarks</i>	<i>Date</i>	<i>UK(RRP)*</i>	<i>Remarks</i>
NP 84	Admiralty List of Lights and Fog Signals Volume L 2002/03 Northern Seas: Coast of Norway north of latitude 60°55'N, Svalbard, The Faroes, Iceland, Greenland and the coast of Russia to Bering Strait.	7/02/02	£21.00	Amended to Week 6/02 dated 7th February 2002. First amendment in Week 8/02. Volume L 2001/02 is thereby cancelled.

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 21 MARCH 2002

New Admiralty Charts

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
4793	North America, General Chart/Carte Générale, St. Lawrence Seaway/Voie Maritime du Saint-Laurent, Montréal to/à Lake/Lac Ontario. Ⓐ Montréal to/à Cornwall. 44°58'·63N. — 45°35'·55N., 73°27'·98W. — 74°52'·18W. Ⓑ Cornwall to/à Rockport. 44°14'·63N. — 45°04'·60N., 74°45'·00W. — 75°58'·35W. Ⓒ Rockport to /à Lake/Lac Ontario. 43°54'·80N. — 44°24'·73N., 75°37'·30W. — 76°35'·47W. <i>A replacement for Chart 423. (This chart is a modified reproduction of Canadian Chart 1400 originally published by the Canadian Hydrographic Service).</i>	1:125,000 1:125,000 1:125,000	423

New Editions of Admiralty Charts

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
806	Japan, Honshū - East Coast, Ishinomaki Wan to Miyako Kō. Ⓐ Ishinomaki. Ⓑ Miyako. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:200,000 1:30,000 1:30,000	806

*UK (RRP) means UK recommended retail price.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 21 MARCH 2002

New Editions of Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
1079	Baltic Sea - Gulf of Finland, Approaches to Inkoo and Kantvik. 59°46'·20N. — 60°05'·75N., 23°46'·00E. — 24°46'·00E. <i>Depths and much of the coastline west of 24° 15'·00E, have been totally revised. The new edition also includes other changes to coastline and depths, new and amended submarine cables, amended recommended tracks, firing practice areas and new restricted areas from the latest Finnish Government Charts. (The chart has been extended south to fully enclose a new restricted area).</i>	1:55,000	1079
1800	Japan, South-West Hokkaidō. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:500,000	1800
1801	Japan - Russia, Hokkaidō, North-West Coast and Gulf of Tartary. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:500,000	1801
1802	Sea of Okhotsk, Hokkaidō, North-East Coast. Notsuke Channel. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:500,000 1:100,000	1802
1803	North Pacific Ocean, Hokkaidō, South-East Coast. Goyōmai Channel. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>	1:500,000 1:50,000	1803
1813	Japan, Ports on the South and East Coasts of Hokkaidō. Ⓐ Tomakomai. Ⓑ Nemuro. Ⓒ Hanasaki. Ⓓ Tomakomai Higashi kō. Ⓔ Muroran. <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 1:12,500 1:10,000 1:25,000 1:25,000	1813

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 21 MARCH 2002

New Editions of Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
1815	Japan, Hokkaidō - South Coast, Approaches to Kushiro. Kushiro.	1:100,000 1:20,000	1815
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>		
2185	Mediterranean Sea, Turkey - South-East Coast, İskenderun Körfezi.	1:105,000	2185
	Ⓐ Ceyhan Limanı (Toros Gübre Piers).	1:30,000	
	Ⓑ Ceyhan Limanı (Botaş Oil Terminal).	1:30,000	
	<i>Includes amendments to the Botaş (Ceyhan) Harbour limit and anchorage areas. Firing practice and exercise areas have been included.</i>		
2959	Japan, Ports on the East Coast of Honshū.		2959
	Ⓐ Hachinohe.	1:20,000	
	Ⓑ Shiogama and Sendai.	1:25,000	
	Ⓒ Onahama.	1:20,000	
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>		
3372	Japan, Honshū - East Coast, Shioya Saki to Ishinomaki Wan.	1:200,000	3372
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>		
3373	Japan, Honshū - East Coast, Inubō Saki to Shioya Saki. Hitachi Kō.	1:200,000 1:20,000	3373
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>		
3374	Japan, Ports on the East Coast of Honshū. Kashima. Kamaishi and Approaches.	 1:17,500 1:20,000	3374
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>		
3375	Japan, Honshū - East Coast, Todo-Ga-Saki to Shiriya Saki.	1:250,000	3375
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS84 (Former Notice 3871(P)/00 refers).</i>		

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>
689	Indian Ocean, Approaches to Mauritius and Île de La Réunion.	⊙712 INT 7730
1089	Baltic Sea - Gulf of Finland, Approaches to Kotka and Hamina.	⊙1089
1527	Japan, Kyūshū - West Coast, Iō Shima to Madara Shima.	1527
2253 INT 1723	International Chart Series, England - South Coast, Dartmouth Harbour.	⊙2253 INT 1723
2401	Japan, Kyūshū - West Coast, Yatsushiro Kai and Shimabara Wan.	2401
2415	Japan, Kyūshū - West Coast, Outer Approaches to Nagasaki.	2415
2655	English Channel, Western Entrance.	⊙2655
2815	Japan, Kyūshū - West Coast, Nagasaki Kō and Approaches.	2815
3112	Japan, Plans on the West Coast of Kyūshū.	3112
3115	Japan, Ports on the North Coast of Kyūshū.	3115
3514	Japan, Kyūshū - North Coast, Ikitsuki Shima to Ō Shima.	3514
3881	Japan, Kyūshū - West Coast, Sasebo and Approaches.	3881
Aus 348	Australia - South Coast, Cape Martin to Cape Nelson.	⊙Aus 348
Aus 654	Plans in Papua New Guinea.	⊙Aus 646

⊙ denotes chart available in the ARCS series.

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. Charts published on 21 February 2002 are shown in bold type. Former Notice 4731(P)/00 refers.

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

UK Hydrographic Office (HA 405/006/006/02)

⊙ denotes chart available in the ARCS series.

II

876 MISCELLANEOUS UPDATES TO CHARTS

<i>Chart</i>	<i>Previous Notice to Mariners</i>	<i>Details</i>
442 INT 1701	346/02	Delete note, CAUTION: CHARTS NOT REFERRED TO A WGS84 COMPATIBLE DATUM, outside N. border, adjacent to legend, WGS84 POSITIONS.
711 INT 7737	4095/99	Insert accompanying note, CHART 712: POSITIONS, centred on 19° 45'·0S., 57° 11'·5E.
835	2911/01	Insert accompanying note, CAUTION: CHARTS REFERRED TO WGS84 DATUM, outside N. border, adjacent to legend, DEPTHS IN METRES.
1881	1666/01	Delete Plan: Ile Tromelin.
2565	3254/01	Delete note, CAUTION: CHARTS NOT REFERRED TO A WGS84 COMPATIBLE DATUM, outside N. border, adjacent to legend, WGS84 POSITIONS.
2643	258/02	Insert accompanying note, CHART 2655: POSITIONS, centred on 48° 04'·5N., 4° 02'·0W.
2644	569/02	Substitute accompanying note, CHARTS 2655 and 2656: POSITIONS, for existing note, CHART 2656: POSITIONS, centred on 48° 34'·4N., 4° 22'·4W.
2646	4879/01	Insert accompanying note, CHART 2655: POSITIONS, centred on 47° 35'·5N., 2° 34'·5W.
2656	415/02	Substitute accompanying note, CHARTS 2644, 2668, 2669 and 2613: POSITIONS, for existing note, CHART 2644, 2668, 2669 AND 2613: POSITIONS, centred on 50° 38'·0N., 4° 05'·0W. Amend reference in position 49° 06'·5N., 2° 34'·5W. to read, (see Note—POSITIONS) 2668. Amend reference in position 49° 29'·5N., 4° 28'·0W. to read, 2668 (see Note—POSITIONS). Amend reference in position 49° 28'·0N., 4° 02'·5W. to read, (see Note—POSITIONS) 2664. Amend reference to read, 2669 (<i>see Note—POSITIONS</i>). in positions 49° 08'·5N., 3° 05'·0W. 50° 04'·7N., 3° 04'·5W. Amend reference in position 50° 04'·7N., 1° 30'·5W. to read, (see Note—POSITIONS) 2669. Amend reference in position 50° 12'·5N., 1° 56'·0W. to read, 2613 (see Note—POSITIONS). Amend reference in position 50° 12'·5N., 0° 22'·5E. to read, (see Note—POSITIONS) 2613. Delete note, CAUTION: CHARTS NOT REFERRED TO A WGS84 COMPATIBLE DATUM, outside N. border, adjacent to legend, WGS84 POSITIONS.
2668	569/02	Substitute accompanying note, CHARTS 2655 and 2656: POSITIONS, for existing note, CHART 2656: POSITIONS, centred on 48° 35'·9N., 3° 33'·4W.
4700 INT 700	2584/00	Amend reference in position 20° 57'·0S., 56° 47'·0E. to read, (<i>see Chart 712</i>).
4702 INT 702	3386/01	Amend reference in position 20° 57'·0S., 56° 47'·0E. to read, (<i>see Chart 712</i>). Amend reference in position 15° 57'·0S., 55° 00'·0E. to read, (<i>see Chart 712</i>).
4713	3130/98	Amend reference in position 20° 57'·0S., 57° 00'·0E. to read, (<i>see Chart 712</i>).

UK Hydrographic Office.

761* CHANNEL ISLANDS — Guernsey — Little Russel — Roustel Light

Insert	the accompanying block, showing amendments to Roustel light within diagram, Marks in the Little Russel, centred on:	(a) 49° 29'·7N., 2° 31'·5W. (b) 49° 28'·8N., 2° 33'·3W.
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Chart [*Last correction*].— **808** (a) [2200/01] — **3654** (b) [2200/01]

Light List Vol. A, 2001/02, 1552
Yacht Wytchhunter (HH.256/420/04).

765* ENGLAND, East Coast — River Thames — S. Clement's or Fiddler's Reach and Halfway Reach — Buoyage

Insert	starboard-hand conical light-buoy, <i>Fl(3)G.10s St Clements</i> , (chart 2484, starboard-hand conical light-buoy, <i>Fl(3)G.10s</i>) port-hand can light-buoy, <i>Fl.R.5s Jenningsree</i> , (chart 2484, port-hand can light-buoy, <i>Fl.R.5s</i>)	(a) 51° 27'·70N., 0° 17'·20E. (b) 51° 30'·20N., 0° 10'·32E.
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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) (a) & (panel B) (b)** [231/02] — **2484** (INT 1574) (**lower panel**) (a) & (**upper panel**) (b) [231/02]

Port of London Authority Notice 8/02 (HH.246/410/07).

II

766* ENGLAND, East Coast — Thames Estuary — Gunfleet Sand Southwestwards — Light

Insert ★ *Mo(U)Y.15s12m Mast* 51° 43'·55N., 1° 11'·84E.

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*].— **1975** [29/02] — **1183** (INT 1561) [29/02]

Light List Vol. A, 2001/02, 2174

Port of London Authority and Harwich Haven Authority (HH.244/440/04).

767* ENGLAND, East Coast — Approaches to Harwich — Harwich Deep Water Channel — Buoyage

Amend Harwich Channel light-buoy to, *Fl(2)Y.10s*,
(charts 2052, 1183 & 1610, No 2 light-buoy to, *Fl(2)Y.10s*) (a) 51° 55'·91N., 1° 27'·32E.
No 7 light-buoy to, *Fl(3)Y.7s*,
(chart 2052, No 7 light-buoy to, *Fl(3)Y*) 51° 55'·87N., 1° 22'·49E.

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*].— **2693** (INT 1570) [644/02] — **2052** (INT 1560) [644/02] — **1183** (INT 1561) (a) [766/02] — **1610** (INT 1511) (a) [254/02]

Harwich Haven Authority Notice 4/02 (HH.242/480/14).

768* SCOTLAND, East Coast — Inverness Firth — River Ness and Kessock Road — Thornbush Quay and Charlestown Southwards — Depths

Insert depth 2m enclosed by 2m contour (a) 57° 29'·427N., 4° 14'·166W.
depth 157 m enclosed by 20m contour (b) 57° 29'·89N., 4° 15'·56W.

Chart [*Last correction*].— **1078 (plan, Inverness)** (a) & **1078** (b) [1904/01]

Clydeside Surveys (HH.266/440/05).

769* IRELAND, West Coast — River Shannon — Foynes Harbour — Poultaillin Point to Durnish Point — Maintained depths; Light

Amend legend to, *Maintained depth 7·8m* (a) 52° 37'·04N., 9° 07'·34W.
(b) 52° 36'·85N., 9° 06'·29W.
(c) 52° 36'·99N., 9° 07'·12W.

legend to, *Maintained depth 11·7m*,
(main sheet, legend to, *11·7m*) (d) 52° 36'·78N., 9° 06'·42W.
(e) 52° 36'·83N., 9° 06'·09W.
(f) 52° 36'·87N., 9° 05'·95W.
(g) 52° 36'·89N., 9° 05'·90W.
(h) 52° 36'·77N., 9° 06'·21W.

Move ★ *LFl.R.5s2m2M*, from:
to: (i) 52° 36'·913N., 9° 06'·474W.
(j) 52° 36'·905N., 9° 06'·522W.

Chart [*Last correction*].— **1549 (plan, Foynes Harbour)** (a,b,d-j) & **1549** (c-e) [*New Edition* 7/6/01]

Light List Vol. A, 2001/02, 6347.55

Shannon Foynes Port Company (HH.292/470/03).

770* IRELAND, East Coast — Donaghadee — South Pier — Fog signal

Delete fog signal, Siren 12sec (occas), at light,
(charts 1753 & 2198, Siren (1) 12s (occas)),
(chart 2724, Siren (1) (occas)) (a) 54° 38'·69N., 5° 31'·80W.
fog signal, Siren (1)12s (occas), at light (b) 54° 38'·7N., 5° 31'·8W.

Note: **Positions** on some 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*].— **3709** (a) [549/02] — **1753** (INT 1661) (a) [549/02] — **2198** (a) [549/02] — **2093** (b) [549/02] — **1411** (INT 1608) (b) [549/02] — **2724** (a) [549/02]

Light List Vol. A, 2001/02, 5974

Commissioners of Irish Lights (HH.288/430/03).

771* SCOTLAND, West Coast — Eilean Shona, North Coast and Loch nan Ceall — Rock; Marine farm

Insert + 56° 48'·48N., 5° 51'·90W.
symbol, marine farm 56° 54'·34N., 5° 52'·90W.

Chart [*Last correction*].— **2207** [4965/01]

M. Lawrence and The Crown Estate (HH.272/560/03).

II

772* WALES, North Coast — Anglesey — Holyhead Bay — Approaches to Holyhead Harbour — Pilot boarding places

Insert ① 53° 20'·91N., 4° 38'·95W.
Delete ① (a) 53° 20'·169N., 4° 37'·374W.

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].— **2011** (a) [156/02] — **1413** [405/02]

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Holyhead Harbour Master Notice 2/02 (HH.212/420/08).

773* ENGLAND, South Coast — Lyme Bay — Lyme Regis Harbour — Buoy; Outfalls

Insert S. cardinal pillar light–buoy, Q(6)+LFl.15s (a) 50° 43'·17N., 2° 55'·66W.
outfall joining: 50° 43'·50N., 2° 55'·90W.(shore)

Delete outfall joining: (a) above
50° 43'·49N., 2° 55'·80W.(shore)
50° 43'·42N., 2° 55'·65W.

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].— **3315** (plan, Lyme Regis Harbour) [1226/01]

Harbour Master, Lyme Regis (HH.232/530/04).

774* ENGLAND, South Coast — The Solent and the Isle of Wight, North Coast — Solent Bank and Grantham Rocks — Buoyage

Insert special spherical light–buoy with topmark, Fl.Y.4s (Mar–Dec) PA (a) 50° 44'·83N., 1° 26'·09W.
special spherical light–buoy, Fl.Y.4s (Mar–Dec) PA (b) 50° 46'·09N., 1° 18'·43W.

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].— **2793** (b) [New Edition 28/6/01] — **2035** (INT 1729) (a) [2466/01] — **2036** (INT 1730) [35/02]
Cowes Combined Clubs (HH.232/590/08).

775* ENGLAND, South Coast — Littlehampton Southwestwards and Worthing Southwards — Depths

Insert depth 1₆ m enclosed by 2m contour 50° 46'·21N., 0° 34'·40W.
depth 12₆ m (a) 50° 42'·48N., 0° 23'·86W.
depth 4₉ m enclosed by 5m contour (b) 50° 46'·68N., 0° 22'·00W.

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].— **1652** [5074/01] — **2450** (INT 1703) (a,b) [415/02]

Naval Party 1016 (mv *Confidante*) (HH.232/680/08).

762 NORWAY, West Coast — Grøtsundet — Tromsøya, North Coast — Nesland — Lights

Insert the accompanying block, showing amendments to lights, centred on: (a) 69° 44'·15N., 19° 03'·80E.
(b) 69° 43'·35N., 19° 01'·50E.

Amend sectors at light, Oc(2)WRG.8s6m9M, as follows: (c) 69° 42'·78N., 18° 59'·88E.
R 216° – 229° (13°)
W 229° – 229·5° (0·5°)
G 229·5° – 250° (20·5°)
Remaining sectors unchanged

Chart [Last correction].— **3751** (plan, Tromsøya) (c) [249/01] — **3762** (a) [159/02] — **3763** (b) [421/02]

Light List Vol. L, 2001/02, 3642, 3643, 3644, 3645

Norwegian Notice 22/987/01 (HH.309/430/03).

776 NORWAY, West Coast — Mursteinfjorden — Sitter — Light

Delete ★ Iso.R.2s13m4M Sitter 64° 31'·98N., 10° 58'·13E.

Chart [Last correction].— **3503** [4351/01]

Light List Vol. L, 2001/02, 1748·8

Norwegian Chart 46 (HH.310/515/02).

II

777 NORWAY, West Coast — Mindværfjorden — Harbour limit

- Insert harbour limit, pecked line, joining: (a) 65° 45'·8N., 12° 31'·2E.
(existing limit)
65° 43'·4N., 12° 25'·7E.
65° 42'·4N., 12° 23'·2E.
(b) 65° 42'·3N., 12° 19'·3E.
(existing limit)
(a) above
(b) above
- Delete former harbour limit, pecked line, joining:

Chart [*Last correction*].— **2310** [4862/01]
Norwegian Chart 55 (HH.310/530/04).

778 NORWAY, South–West Coast — Lysefjorden — Marine farms; Lights; Rock; Buoy

- Insert the accompanying note, MARINE FARMS, centred on: 59° 28'·30N., 6° 59'·00E.
★ *F.R* (a) 58° 54'·20N., 6° 04'·60E.
Amend light to, *Fl.G* 58° 58'·30N., 6° 11'·50E.
Substitute ★ *F.G*, for ☉ 58° 54'·10N., 6° 05'·10E.
Delete S. cardinal spar buoy close SW. of (a) above

Chart [*Last correction*].— **2281** [4235/01]
Light List Vol. B, 2001/02, 3288.4, 3288.6, 3294
Norwegian Chart 132 (HH.310/415/04).

779 NORWAY, South Coast — Approaches to Arendal, Kristiansand and Farsund — Pilot boarding places

- Move ① *Arendal*, from: (a) 58° 23'·6N., 8° 50'·5E.
to: (b) 58° 23'·5N., 8° 48'·6E.
① from: (c) 58° 03'·3N., 8° 07'·2E.
to: (d) 58° 03'·3N., 8° 05'·6E.
① from: (e) 58° 01'·5N., 6° 48'·3E.
to: (f) 58° 01'·5N., 6° 50'·0E.

Chart [*Last correction*].— **2984** (c,d) [4040/01] — **3152** (a,b) [4772/01] — **275** (e,f) [4672/01]
Admiralty List of Radio Signals Vol. 6 (2), 2001/02
Norwegian Notice 1/48/02 (HH.308/130/03).

780 FÆROE ISLANDS — Suðuroy — Vágsfjørður — Marknoyri — Submarine power cable

- Insert submarine power cable joining: 61° 28'·28N., 6° 48'·08W.(shore)
61° 28'·18N., 6° 48'·20W.(★)

Chart [*Last correction*].— **3557 (plan, Vágsfjørður)** [4770/01]
Danish Notice 50/397/01 (HH.335/440/01).

781 BALTIC SEA — Sweden, East Coast — Stockholms Skärgård — Brandalsund and Hallsfjärden — Buoyage

- Insert starboard–hand conical light–buoy, *Q.G* (a) 59° 06'·495N., 17° 41'·744E.
port–hand can light–buoy, *Fl.R.3s* (b) 59° 05'·55N., 17° 39'·751E.
Substitute port–hand can light–buoy, *Q.R*, for port–hand spar buoy 59° 07'·375N., 17° 40'·982E.
Delete starboard–hand spar buoy close NE. of (a) above
port–hand spar buoy (c) close SE. of (b) above

Chart [*Last correction*].— **3168 (plan D, Brandalsund)** (a–c) & **(plan A, Södertälje)** [349/02]
Swedish Notice 1/23/02 (HH.318/465/04).

782 BALTIC SEA — Gulf of Bothnia — Sweden, East Coast — Approaches to Hudiksvall — Agön, East Coast — Light

- Amend light to, *Fl.WRG.5s31m9–5M*, (chart 2252, *Fl.WRG.9–5M*) 61° 32'·58N., 17° 28'·18E.

Chart [*Last correction*].— **70 (plan A, Approaches to Hudiksvall)** [645/02] — **2296** [3570/01] — **2299** [3642/01] — **2252** [4573/01]
Light List Vol. C, 2001/02, 6060
Swedish Notice 1/15/02 (HH.318/570/02).

783 BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Approaches to Oulu — Hailuoto — Keskiniemi — Light; Beacon

- Substitute ★ *Fl.6s8m6M*, for beacon,
(chart 2302, ★ *Fl.6s8m6M*, for ☉ Bn) 65° 04'·82N., 24° 39'·47E.

Note: Chart 3062, radar reflector remains.

Chart [*Last correction*].— **3062** [559/02] — **2302** [317/01]
Light List Vol. C, 2001/02, 4147.05
Finnish Chart 57 (HH.321/460/02).

II

784 BALTIC SEA — Latvia — Irbe Strait — Mihailova s\$klis Northwards — Depths

Insert depth 13₄ m (a) 57° 46'·48N., 21° 38'·95E.
Delete depth 14m close SE. of (a) above

Chart [*Last correction*].— **2226** [4853/00] — **2223** (a) [4355/01]

Latvian Notice 1/8/02 (HH.344/490/03).

785 BALTIC SEA — Latvia — Liepāja — Kara ostas kanāls — Buoyage; Lights

Insert port-hand pillar light-buoy, *Fl.R.3s* 56° 32'·683N., 21° 00'·900E.
starboard-hand pillar light-buoy, *Fl.G.3s* 56° 32'·470N., 21° 01'·740E.
56° 32'·705N., 20° 59'·940E.
★ *Fl.R.3s*, at □ 56° 32'·763N., 20° 59'·861E.
★ *Fl.R.3s* 56° 32'·746N., 20° 59'·974E.
(head of jetty)

Chart [*Last correction*].— **2289** [431/02]

Light List Vol. C, 2001/02, 3399.5, 3399.6

Latvian Notice 1/11/02 (HH.345/430/04).

786 BALTIC SEA — Germany, North Coast — Rügen — Prorer Wiek — Foul; Obstruction

Substitute # for ○ Obstn least depth 14m 54° 28'·3N., 13° 38'·3E.

Chart [*Last correction*].— **2365** [45/02] — **2150** [561/02]

German Notice 1/(16)1516/02 (HH.327/530/05).

787 BALTIC SEA — Germany, North Coast — Untertrave — Kleine Holzwiek Northwards — Buoy

Insert starboard-hand conical buoy, *No 19* (a) 53° 54'·43N., 10° 50'·85E.
Delete former No 19 buoy 53° 54'·60N., 10° 51'·25E.

Chart [*Last correction*].— **2354** (INT 1362) [*New Edition* 27/12/01] — **2355** (INT 1363) (a) [408/02]

German Notice 3/(16)51/02 (HH.327/470/02).

788 BALTIC SEA — Denmark — Rødbyhavn Eastwards — Guldberg Sund — Rødsand Northwards — Buoyage

Insert S. cardinal pillar buoy (a) 54° 37'·58N., 11° 50'·73E.
N. cardinal pillar buoy 54° 35'·23N., 11° 54'·23E.

Chart [*Last correction*].— **2117** (a) [244/02] — **2365** [786/02]

Danish Chart 197 (HH.333/620/03).

789 BALTIC SEA — Denmark — Møn Southwards and Eastwards — Hjelm Bugt and Kriegers Flak Westwards — Depths

Insert depth 13₃ m (a) 54° 51'·45N., 12° 24'·20E.
depth 15₈ m (b) 54° 52'·06N., 12° 28'·55E.
depth 11₃ m (c) 54° 54'·30N., 12° 30'·20E.
depth 12₁m enclosed by 20m contour (d) 54° 55'·28N., 12° 21'·80E.
depth 14m (e) 54° 56'·10N., 12° 26'·30E.
depth 16₈ m (f) 55° 01'·75N., 12° 41'·42E.
(g) 55° 01'·75N., 12° 41'·58E.
depth 19₆ m enclosed by 20m contour (h) 55° 02'·11N., 12° 42'·60E.
(i) 55° 02'·11N., 12° 42'·76E.
(j) 55° 01'·00N., 12° 41'·91E.
○ *Wk*, least depth 22m (k) close N. of (b) above
Delete depth 17m (l) close S. of (c) above
depth 18₉ m (m) close S. of (e) above
depth 17₂ m (n) close NW. of (f)/(g) above
depth 19m

Chart [*Last correction*].— **2115** (a-f,h,k-m) [558/02] — **2365** (a-e,k-m) [788/02] — **2360** (g,i,j,n) [558/02] — **2816** (a,f,n) [427/02]

Danish Chart 198 (HH.333/700/02).

790 NORTH SEA — Norwegian Sector — Heimidal Gas Field Northwards — Submarine pipeline

Insert submarine pipeline joining: (a) 59° 40'·80N., 2° 18'·62E.
(existing pipeline)
(b) 59° 42'·37N., 2° 18'·63E.
(c) 59° 40'·8N., 2° 18'·5E.
(d) 59° 42'·3N., 2° 18'·5E.

Chart [*Last correction*].— **292** (a,b) [4110/01] — **2182C** (INT 1041) (c,d) [5083/01]

Norwegian Notice 1/41/02 (HH.310/590/02).

II

791 NORTH SEA — Danish Sector — Tyra Gas Field — Submarine pipeline

Insert	submarine pipeline joining:	(a) 55° 43'·2N., 4° 48'·0E. (□)
	legend, <i>Oil and Gas</i> (see Note)	(b) 55° 38'·4N., 4° 53'·0E. (□)
	legend, <i>Oil and Gas</i>	(c) along (a)–(b) above
		(d) along (a)–(b) above

Chart [*Last correction*].— **267** (a–c) [4779/01] — **1404** (a,b,d) [357/02] — **2182B** (INT 1042) (a,b) [669/02]
Danish Chart Correction 51–52/403/01 (HH.334/402/01).

792 GERMANY, North Sea Coast — The Weser — Wremer Loch — Robbensüdsteert — Buoyage

Insert	W. cardinal spar buoy, <i>Bu 10</i>	53° 38'·80N., 8° 25'·72E.
	W. cardinal spar buoy, <i>Bu 12</i>	53° 38'·55N., 8° 26'·28E.
	W. cardinal spar buoy, <i>Bu 14</i>	53° 38'·22N., 8° 27'·26E.
Amend	designation of former Bu 14 buoy to, <i>Bu 16</i>	53° 37'·64N., 8° 28'·41E.
Delete	former Bu 10 buoy	53° 38'·68N., 8° 26'·05E.
	Bu 10A buoy	53° 38'·48N., 8° 26'·57E.
	former Bu 12 buoy	53° 38'·19N., 8° 27'·33E.

Chart [*Last correction*].— **3621** (INT 1457) [4463/01]
German Notice 3/(21)4/02 (HH.328/520/06).

793 NETHERLANDS — Nieuwe Waterweg — Maassluis Eastwards and Southwards — Lights

Amend	light 13 to, <i>LFl.G.8s</i>	(a) 51° 56'·48N., 4° 11'·23E.
	light 22 to, <i>LFl.R.8s</i>	(b) 51° 55'·68N., 4° 13'·65E.
	light 30 to, <i>LFl.R.8s</i>	(c) 51° 54'·86N., 4° 14'·86E.

Chart [*Last correction*].— **132** (INT 1475) (**part A, Nieuwe Waterweg and Europoort**) (a,b) & (**part B, Continuation Nieuwe Waterweg Nieuwe Maas**) (b,c) [566/02]
Netherlands Notice 3/60/02 (HH.340/540/03).

794* NORTH SEA — U.K. Sector — Davy Gas Field Southwards — Foul

Insert	#	(a) 52° 57'·42N., 2° 55'·49E.
		(b) 52° 57'·47N., 2° 55'·57E.

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*].— **1503** (INT 1509) (a) [341/02] — **1505** (INT 1420) (b) [545/02] — **1408** (b) [545/02]
H. Krijger (HH.340/530/06).

795 NETHERLANDS — Ijmuiden Westsouthwestwards — Wreck; Buoy

Insert	○ Wk, unsurveyed clearance depth 13 ₂ m	(a) 52° 26'·86N., 4° 18'·37E.
	W. cardinal pillar light–buoy, <i>VQ(9)10s</i>	(b) close W. of (a) above
Delete	○ Wk least depth by wire sweep 16 ₂ m	close NW. of (a) above

Chart [*Last correction*].— **2322** (INT 1415) (a,b) [435/02] — **1408** [794/02]
Netherlands Notice 2/50/02 (HH.340/590/04).

796 BELGIUM — Westerschelde — Bol van Knokke Southwards — Foul; Wreck

Substitute	# for ○ Wk least depth by wire sweep 9 ₄ m	51° 23'·90N., 3° 19'·18E.
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Chart [*Last correction*].— **1874** (INT 1474) [4987/01] — **1872** [359/02]
Belgian Notice 26/173/01 (HH.342/710/06).

797 NORTH SEA — Belgian Sector — Westhinder Southeastwards — Foul; Wreck

Insert	#	(a) 51° 22'·24N., 2° 34'·54E.
		(b) 51° 22'·19N., 2° 34'·46E.
Delete	○ Wk least depth by wire sweep 17m, (chart 3371, ○ Wk least depth 17m)	(c) adjacent to (a)/(b) above

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*].— **1873** (INT 1480) (a,c) [359/02] — **1872** (a,c) [796/02] — **2449** (b,c) [254/02] — **3371** (INT 1416) (a,c) [250/02] — **1406** (a,c) [249/02]
Belgian Notice 26/173/01 (HH.342/710/06).

II

798 BELGIUM — Oostende Southwestwards — Kleine Rede — Wreck

Delete $\odot$ Wk least depth by wire sweep 4₄ m 51° 13'·42N., 2° 51'·50E.

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*].— **1873** (INT 1480) [797/02] — **1874** (INT 1474) [796/02] — **1872** [797/02] — **2449** [797/02] Belgian Notice 26/172/01 (HH.342/710/06).

763 FRANCE, West Coast — Entrance to La Loire — Montoir Southwestwards — Lights; Depth; Wharf; Jetty

Insert the accompanying block, showing new lights, depth, wharf and jetty, centred on: (a) 47° 17'·55N., 2° 09'·83W.
(b) 47° 17'·40N., 2° 09'·96W.

Chart [*Last correction*].— **2985** (INT 1842) (**plan A, Pointe de Mindin to Paimbœuf**) (a) [5088/01] — **2989** (INT 1841) (b) [*New Edition* 29/11/01]

Light List Vol. D, 2001/02, 1130.4, 1130.5, 1130.52
French Notice 48/31/01 (HH.353/500/03).

799 FRANCE, West Coast — Approaches to La Rochelle — Rade de la Pallice — Foul; Obstruction; Wreck; Buoy

Insert # (a) 46° 09'·47N., 1° 15'·20W.
Substitute # for $\odot$ Obstrn least depth 0₇ m (b) (a) above
Delete $\searrow$ (Q 9) (c) 46° 09'·49N., 1° 15'·21W.
Sablonceaux Sud buoy (d) close E. of (b) above

Chart [*Last correction*].— **2743** (INT 1844) (b–d) [3375/01] — **2999** (INT 1843) (a,c) [*New Chart* 31/1/02]
French Notice 50/27/01 (HH.353/520/04).

800 SPAIN, North Coast — Approaches to Ría de Santoña — Pta del Pescador — Light

Amend light to, Fl(3+1)15s37m17M (a) 43° 27'·9N., 3° 26'·2W.
range of light to, 17M (b) (a) above

Chart [*Last correction*].— **1102** (a) [61/02] — **1104** (b) [440/02]

Light List Vol. D, 2001/02, 1542
Spanish Notice 3/19/02 (HH.359/460/03).

801 SPAIN, North–West Coast — Punta Langosteira Westwards and Southwestwards and Punta de la Frouseira Northwards — Depths; Data buoy; Rock

Insert depth 10₇ m (a) 43° 37'·77N., 8° 11'·41W.
special spherical light–buoy, Q(5)Y.20s ODAS (b) 43° 21'·28N., 8° 31'·72W.
 $\odot$ (c) 43° 19'·57N., 8° 35'·31W.
Delete depth 15m (d) close N. of (a) above
depth 1₁ m (e) close N. of (c) above

Chart [*Last correction*].— **1111** [1527/01] — **3633** (b,c,e) [4790/01]
Spanish Notice 52/970/01 & Spanish Chart 412 (HH.359/560/03).

802 PORTUGAL, South Coast — Approaches to Faro and Olhão — Ilha da Barreta Southwards — Molhe W Southwards — Wreck

Insert $\odot$ Wk, least depth 5m (a) 36° 57'·78N., 7° 52'·19W.
(b) 36° 57'·60N., 7° 52'·18W.

Chart [*Last correction*].— **83** (**plan, Approaches to Faro and Olhão**) (a) [4791/01] — **89** (b) [571/02]
Portuguese Notice 26/448/01 (HH.363/480/04).

803 NORTH ATLANTIC OCEAN — Arquipélago dos Açores — Ilha de São Miguel, North Coast and South Coast — Ponta da Agulha and Ponta Delgada — Depths; Rock; Marina; Light

Insert depth 1₅ m (a) 37° 44'·60N., 25° 38'·61W.
 $\odot$ (0₈) (b) 37° 44'·43N., 25° 39'·23W.
symbol, marina, centred on: (c) 37° 44'·46N., 25° 39'·52W.
Amend range of light to, 10M (d) 37° 53'·9N., 25° 45'·2W.
Delete depth 3₉ m (e) close NW. of (a) above
depth 1₅ m (f) close E. of (b) above

Chart [*Last correction*].— **1958** (**plan, Ponta Delgada**) (a–c,e,f) & **1958** (d) [2888/01] — **1950** (d) [2888/01]
Light List Vol. D, 2001/02, 2655.6
Portuguese Chart 46406 (HH.364/410/03).

II

804 NORTH ATLANTIC OCEAN — Islas Canarias — Isla de Lanzarote, South Coast — Bahia de Avila — Marine farm; Buoyage

- Insert limit of marine farm, pecked line, joining:
- (a) 28° 53'·76N., 13° 44'·00W.
 - (b) 28° 53'·13N., 13° 44'·22W.
 - (c) 28° 53'·17N., 13° 44'·43W.
 - (d) 28° 53'·81N., 13° 44'·20W.
- special spar light–buoy, *Fl.Y.5s*
- (a) above
 - (b) above
 - (c) above
 - (d) above

Chart [*Last correction*].— **886** [4781/00]
 Spanish Notice 3/20/02 (HH.419/460/03).

805 MEDITERRANEAN SEA — France, South Coast — Gulf of Lions Southwards — Data buoy

- Insert special $\hookleftarrow$ *Fl(5)Y.20s* ODAS LION 42° 06'·5N., 4° 41'·9E.

Chart [*Last correction*].— **1705** [66/02] — **1780** [4690/01]
 French Notice 2/28/02 (HH.350/003/03).

806 MEDITERRANEAN SEA — Italy, West Coast — Approaches to La Spezia — Diga Foranea Southwards — Shellfish beds

- Insert limit of shellfish bed, pecked line, joining:
- (a) 44° 04'·383N., 9° 52'·343E.
 - 44° 04'·566N., 9° 52'·710E.
 - 44° 04'·516N., 9° 52'·760E.
 - (b) 44° 04'·333N., 9° 52'·393E.
 - within (a)–(b) above
- Delete legend, *Shellfish Beds* (see Note), orientated SW./NE.
 former limit of shellfish bed, pecked line, and associated
 legend, *Shellfish Beds* (see Note), centred on: 44° 04'·550N., 9° 52'·570E.

Chart [*Last correction*].— **118** (plan, *Rada di la Spezia*) [576/02]
 Italian Notice 24.7/01 (HH.368/211/02).

807 MEDITERRANEAN SEA — Adriatic Sea — Federal Republic of Yugoslavia — Kotorski Zaliv — S. Ilija — Light

- Insert ★ *Fl(2)R.5s8m6M* 42° 26'·18N., 18° 46'·15E.

Chart [*Last correction*].— **1582** [366/02]
 Light List Vol. E, 2001/02, 3683
 Yugoslavian Notice 6/6/01 (HH.376/400/01).

808 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Psará Eastwards — Depths

- Substitute depth 107m enclosed by 200m contour for depth 307m 38° 34'·50N., 25° 40'·65E.

Chart [*Last correction*].— **1058** [267/02] — **1087** [578/02]
 Greek Notice 12/337/01 (HH.383/440/03).

809* MEDITERRANEAN SEA — Lebanon — Beyrouth — Jun el Khudr — Legends

- Insert legend, *See NM 754(P)/02*, centred on:
- (a) 33° 54'·945N., 35° 32'·215E.
 - (b) 33° 54'·560N., 35° 30'·620E.
 - (c) 33° 55'·13N., 35° 32'·66E.

Chart [*Last correction*].— **1563** (INT 3670) (plan A, *Beyrouth*) (a,b) & **1563** (INT 3670) (c) [244/00]
 Ministry of Telecommunications, Lebanese Republic and HMS *Edinburgh* (HH.401/410/02).

810* SOUTH ATLANTIC OCEAN — Ascension Island — Porpoise Point Northeastwards — Firing practice area

- Insert the accompanying note, FIRING PRACTICE AREA, centred on:
- (a) 7° 48'·20S., 14° 26'·20W.
 - (b) 7° 47'·80S., 14° 06'·00W.
 - (c) 7° 53'·68S., 14° 22'·06W.(shore)
 - (d) 7° 51'·44S., 14° 21'·38W.
 - (e) 7° 53'·23S., 14° 18'·77W.
 - (f) 7° 54'·81S., 14° 20'·26W.(shore)
 - (g) 7° 53'·00S., 14° 20'·40W.
 - (h) 7° 52'·90S., 14° 20'·90W.
- limit of firing practice area, pecked line, joining:
- legend, *FIRING PRACTICE AREA* (see Note), centred on:

Chart [*Last correction*].— **1691** (INT 2515) (a,c–g) [1448/00] — **1771** (INT 2516) (plan A, *Approaches to Ascension Island*) (b–f,h) [1448/00]
 RAF Ascension Island (HH.448/400/03).

II

811 ARABIA — Iran — Approaches to Khowr-e Mūsá — Buoyage; Light-beacon; Radar beacons

Substitute	starboard-hand pillar light-buoy, <i>Fl.G.3s</i> No 9, for No 9 light-beacon	(a) 29° 54′.85N., 49° 09′.60E.
	radar beacon, <i>Racon (M)</i> , for radar beacon, <i>Racon(O)</i> (3&10cm), at light-buoy	(a) above
Move	No 6 light-buoy from: to:	29° 46′.00N., 49° 22′.00E. 29° 45′.60N., 49° 22′.00E.

Chart [*Last correction*].— **1268** [468/02]
Admiralty List of Radio Signals Vol. 2, 2002: 78250 (7/02)
Iranian Notice 1/02 (HH.496/400/05).

812 INDIA, West Coast — Jawahar Lal Nehru Port — Buoyage

Move	‘C’ light-buoy from:	18° 56′.53N., 72° 55′.97E.
	to:	18° 56′.50N., 72° 55′.77E.
Delete	‘F’ light-buoy	18° 57′.86N., 72° 56′.80E.

Chart [*Last correction*].— **2627** [193/02]
Indian Notice 2/55/02 (HH.502/440/04).

813 INDIA, West Coast — Mormugao — Works

Insert	legend, <i>Works in progress</i> (2002), orientated NW./SE., between:	15° 24′.87N., 73° 48′.28E. 15° 24′.58N., 73° 48′.50E.
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Chart [*Last correction*].— **492 (plan B, Mormugao)** [4276/01]
Indian Notice 2/64(P)/02 (HH.502/480/04).

814 INDIA, West Coast — Trivandrum Westwards — Depth

Insert	depth 95m enclosed by 100m contour	8° 26′.3N., 76° 28′.9E.
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Chart [*Last correction*].— **1566** [5008/00]
Russian Chart 41025 (HH.502/530/02).

815 INDIA, East Coast — Approaches to Kākināda — Depths

Insert	depth 16 ₆ m and extend 20m contour S. to enclose depth 13 ₄ m and extend 20m contour E. to enclose	(a) 17° 21′.50N., 82° 49′.20E. (b) 16° 42′.90N., 82° 24′.20E.
Delete	depth 25 ₅ m	(c) 16° 42′.00N., 82° 24′.00E.

Chart [*Last correction*].— **2061 (a)** [1772/01] — **2062 (b,c)** [3310/00]
Indian Chart 354 (HH.503/440/03).

816 SRI LANKA — Approaches to Trincomalee Harbour — Depth

Insert	depth 43m enclosed by 50m contour	8° 27′.86N., 81° 29′.24E.
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Chart [*Last correction*].— **815** [2483/97] — **1583** [938/01]
Russian Chart 45234 (HH.506/430/02).

817 SINGAPORE STRAIT — Singapore — Tanjong Punggol Northwards — Buoy; Light-beacon

Insert	port-hand can light-buoy, <i>Fl(4)R.15s Punggol</i>	(a) 1° 25′.332N., 103° 54′.690E.
Delete	Punggol light-beacon	close S. of (a) above

Chart [*Last correction*].— **2586 (plan B, Johor Port) & 2586** [3477/01]
Light List Vol. F, 2001/02, 1750
Singaporean Notices 2/18–19/02 (HH.523/500/03).

II

818* SINGAPORE STRAIT — Singapore — Jurong Island Southwards — Works; Buoyage

Insert	limit of works area, pecked line, joining:	(a) 1° 13'·262N., 103° 40'·407E. (existing limit)
		(b) 1° 13'·175N., 103° 40'·270E.
		(c) 1° 13'·329N., 103° 40'·200E. (W. border)
		(d) 1° 13'·502N., 103° 40'·121E.
		(e) 1° 13'·657N., 103° 40'·200E. (W. border)
		(f) 1° 13'·685N., 103° 40'·214E. (existing limit)
Move	special pillar light–buoy, <i>Fl.Y.4s PKDBH-1</i>	(g) (d) above
	special pillar light–buoy, <i>Fl(4)Y.15s PKDBH-9</i> , from:	(h) (a) above
	to:	(i) (b) above
Delete	former limit of works area, pecked line, joining:	(j) (a) above
		(k) (f) above

Chart [*Last correction*].— **4030** (*a,b,d,f-k*) [4381/01] — **4031** (*a,b,d,f-k*) [368/02] — **4032** (*a-c,e,f,h-k*) [368/02] — **2570** (*g-i*) [368/02]

Maritime and Port Authority, Singaporean Notice DBNM 10/02 (HH.521/400/10).

819* SINGAPORE STRAIT — Singapore — Cruise Bay — P Keppel Southwestwards — Light–beacon

Delete	Keppel light–beacon	1° 15'·752N., 103° 48'·589E.
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Chart [*Last correction*].— **4034** [470/02] — **4035** [370/02]

Light List Vol. F, 2001/02, 1706

Maritime and Port Authority, Singaporean Notice DBNM 11/02 (HH.521/405/05).

820* SINGAPORE STRAIT — Singapore — Gul Basin — Depths

Insert	depth 4 ₆ m enclosed by 5m contour	(a) 1° 17'·883N., 103° 40'·394E.
	depth 6m	(b) 1° 17'·685N., 103° 40'·749E.
Delete	depth 5 ₂ m	close NW. of (a) above
	depth 6 ₂ m	close W. of (b) above

Chart [*Last correction*].— **4033** [409/02]

Maritime and Port Authority, Singaporean Notice DBNM 9/02 (HH.521/400/10).

821 SINGAPORE STRAIT — Singapore — Changi — Angler Bank — Buoy

Insert	special pillar light–buoy, <i>Fl.Y.6s BCA-1</i>	1° 20'·38N., 104° 02'·80E.
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Chart [*Last correction*].— **2569** [4853/01] — **2585** [4853/01]

Singaporean Notice 2/20/02 (HH.521/405/05).

822 SOUTH CHINA SEA — Vietnam, South–East Coast — Vanguard Bank Westwards — Legend

Insert	legend, <i>LAN TAY GASFIELD</i> (see Note), centred on:	7° 30'·00N., 108° 37'·00E.
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Chart [*Last correction*].— **3482** (INT 550) [483/02]

UK Hydrographic Office (HH.546/180/02).

823 CHINA, South Coast — Approaches to Zhanjiang — Nansan Dao — Light

Amend	light to, <i>Iso.6s19m7M</i>	21° 05'·79N., 110° 33'·70E.
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Chart [*Last correction*].— **3349** [166/01]

Light List Vol. F, 2001/02, 3374

Chinese Notice 1/2/02 (HH.548/430/03).

824 CHINA, South–East Coast — Hong Kong — North Western Approaches to Hong Kong — Urmston Road — Reclamation area

Insert	limit of reclamation area, pecked line, joining:	(a) 22° 21'·87N., 113° 55'·74E.(shore)
		(b) 22° 21'·72N., 113° 55'·98E.(shore)
	legend, <i>Being reclaimed</i> (2002), centred on:	22° 21'·95N., 113° 55'·90E.
Delete	charted detail	within (a)–(b) above
	legend, Works in progress (2000), centred on:	22° 22'·03N., 113° 55'·67E.

Chart [*Last correction*].— **1919** (INT 5510) [585/02]

Hong Kong Notice 1/4/02 (HH.550/406/06).

II

825 CHINA SEA — T'ai-wan, West Coast — Approaches to T'ai-Nan — Wreck; Lights

Insert  legend, 2*Fl.R.4s5M* (a) 23° 00'·22N., 120° 04'·13E.
adjacent to (a) above

Note: Former Notice 3824(T)/01 is cancelled.

Chart [*Last correction*].— **2409** [3958/01]

Light List Vol. F, 2001/02, 4629.8

Taiwanese Notice 3/67/01 (HH.549/400/05).

826 CHINA, East Coast — Zhoushan Qundao — Dahuanglong Dao — Light

Insert ★ *Fl(3)10s35m10M*, (chart 2412, ★ *Fl(3)10M*) 30° 40'·84N., 122° 33'·33E.

Chart [*Last correction*].— **1199** [473/02] — **2412** [696/02]

Light List Vol. F, 2001/02, 3740.08

Chinese Notice 24/384(1062)/01 (HH.548/460/03).

827 JAPAN — Seto Naikai — Aki Nada — Shimo Kamagari Shima — Ojizo — Light; Breakwater

Insert ★ *Fl.R.3s8m3M* (a) 34° 10'·35N., 132° 39'·67E.
breakwater, single firm line, joining: (a) above
34° 10'·29N., 132° 39'·71E.
34° 10'·27N., 132° 39'·78E.(shore)

Chart [*Last correction*].— **3603** [*New Edition* 6/12/01]

Light List Vol. F, 2001/02, 5695.9

Japanese Notice 2/47/02 (HH.568/448/05).

828 JAPAN — Seto Naikai — Ō Shima, West Coast — Tsukura — Light; Breakwater

Insert ★ *Fl.R.3s6M* (a) 34° 09'·37N., 133° 02'·03E.
breakwater, single firm line, joining: (a) above
34° 09'·33N., 133° 01'·90E.(shore)

Chart [*Last correction*].— **3604** [701/02]

Light List Vol. F, 2001/02, 5480.6

Japanese Notice 2/46/02 (HH.568/458/05).

829 JAPAN — Hokkaidō, North-East Coast — Monbetsu Kō — Light

Insert ★ *Fl.R.3s10m4M* 44° 20'·45N., 143° 23'·45E.

Chart [*Last correction*].— **1802** [478/02]

Light List Vol. F, 2001/02, 6886.2

Japanese Notice 2/37/02 (HH.562/430/02).

764 KOREA, South Coast — Pusan — Kamch'ŏn Southwards — Dredged area; Depths

Insert the accompanying block, showing amendments to dredged
area and depths, centred on: 35° 04'·0N., 129° 00'·2E.

Chart [*Last correction*].— **1259 (plan, Pusan)** [480/02]

Korean Chart 201B (HH.557/461/03).

II

830 KOREA, West Coast — Approaches to Inch'ŏn Hang — Yŏnghŭngdo Westwards to Sanggonggyŏngdo Eastwards — Recommended route

Insert	recommended route, pecked line, joining:	(a) 37° 17'·17N., 126° 23'·88E. (existing route)
		(b) 37° 12'·80N., 126° 21'·32E.
		(c) 37° 10'·90N., 126° 20'·97E.
		(d) 37° 07'·10N., 126° 18'·88E.
	recommended direction of traffic flow arrows (direction 205°) and associated legend, 205°	along (a)–(b) above
	recommended direction of traffic flow arrows (direction 188°) and associated legend, 188°	along (b)–(c) above
	recommended direction of traffic flow arrows (direction 204°) and associated legend, 204°	along (c)–(d) above
Delete	former recommended route, pecked line, joining:	(e) (a) above
		(f) 37° 16'·0N., 126° 22'·8E.
		(g) 37° 13'·7N., 126° 22'·1E.
		(h) 37° 12'·4N., 126° 21'·3E.
		(i) 37° 10'·9N., 126° 21'·0E.
		(j) 37° 07'·6N., 126° 19'·2E.
	recommended direction of traffic flow arrows (direction 218°) recommended direction of traffic flow arrows (direction 195°) and associated legend, 195°	along (e)–(f) above
	recommended direction of traffic flow arrows (direction 206°) and associated legend, 206°	along (f)–(g) above
	recommended direction of traffic flow arrows (direction 188°) and associated legend, 188°	along (g)–(h) above
	recommended direction of traffic flow arrows (direction 203°) and associated legend, 203°	along (h)–(i) above
		along (i)–(j) above

Chart [Last correction].— **1270** (INT 5363) [New Edition 7/2/02]

Korean Notice 50/646/01 (HH.557/419/07).

831 KOREA, West Coast — Tong Sudo and Asan Man — Depths; Quarantine anchorage areas

Insert	depth 6 ₇ m enclosed by 10m contour	37° 04'·950N., 126° 12'·117E.
	depth 4 ₉ m enclosed by 5m contour	37° 07'·200N., 126° 14'·133E.
	depth 10 ₈ m	37° 06'·933N., 126° 33'·033E.
	depth 10 ₁ m	37° 08'·217N., 126° 34'·267E.
	depth 10 ₅ m	38° 08'·000N., 126° 34'·867E.
	limit of quarantine anchorage area, pecked line, joining:	37° 09'·700N., 126° 27'·700E.
		37° 09'·700N., 126° 30'·900E.
		37° 08'·700N., 126° 30'·900E.
		37° 08'·700N., 126° 27'·700E.
		37° 07'·130N., 126° 32'·017E.
Substitute	depth 1 ₉ m with seabed character, R, for depth 2 ₃ m	
	depth 9 ₆ m and extend 10m contour NE. to enclose for	
	depth 10 ₂ m	37° 02'·150N., 126° 34'·685E.
	depth 15 ₃ m with seabed character, R, for depth 18 ₂ m	37° 05'·010N., 126° 32'·385E.
Delete	former limit of quarantine anchorage area, radius 1000m, pecked line, centred on:	37° 09'·0N., 126° 30'·0E.

Chart [Last correction].— **1270** (INT 5363) [830/02]

Korean Notices 3/43–45/02 & 3/47/02 (HH.557/419/08).

832 KOREA, West Coast — Approaches to Inch'ŏn — Sŏng'gap To Southwards — Light–beacon

Insert	isolated danger light–beacon, Fl(2)10s12m6M	37° 03'·40N., 126° 04'·53E.(islet)
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Note: The above update has been included in a New Edition of Chart 1270 published 7 February 2002.

Chart [Last correction].— **1258** [286/02]

Light List Vol. F, 2001/02, 4149.3

Korean Notice 49/634/01 (HH.557/419/07).

833 KOREA, West Coast — Approaches to Mokp'o — Depths; Mooring buoys

Insert	depth 5 ₈ m with seabed character, R	(a) 34° 45'·545N., 126° 19'·763E.
	⚓ No A	34° 43'·988N., 126° 21'·977E.
	⚓ No B	34° 43'·833N., 126° 22'·347E.
	⚓ No C	34° 43'·742N., 126° 22'·577E.
Delete	depth 7 ₄ m	close NNW. of (a) above

Chart [Last correction].— **1558 (plan A, Mokp'o)** [592/02]

Korean Notices 2/17–18/02 (HH.557/405/02).

II

834 KOREA, West Coast — Maenggol Gundo Southwestwards — Pyŏn Sŏ — Light; Light-beacon

Amend light to, *Fl(2)5s15m10M* (a) 34° 11'·6N., 125° 49'·6E.
light-beacon to, *Fl(2)5s15m10M* (b) (a) above

Chart [*Last correction*].— **3928** (a) [383/02] — **3365** (INT 5252) (b) [594/02]

Light List Vol. F, 2001/02, 4248.5

Korean Notice 1/7/02 (HH.557/400/07).

835 KOREA, South Coast — Approaches to Kwangyang Hang — Kalto Eastwards — Fish haven

Insert limit of fish haven, dotted line, joining: (a) 34° 34'·07N., 128° 11'·78E.
(b) 34° 34'·07N., 128° 12'·55E.
(c) 34° 33'·27N., 128° 12'·55E.
(d) 34° 33'·27N., 128° 11'·78E.
(e) 34° 33'·80N., 128° 12'·20E.

Chart [*Last correction*].— **3391** (INT 5360) (a–d) [595/02] — **127** (e) [595/02]

Korean Chart 209 (HH.557/440/04).

836 KOREA, East Coast — Ulsan Man — Quarantine anchorage areas

Insert symbol, quarantine anchorage area (a) 35° 25'·0N., 129° 25'·5E.
(b) 35° 24'·3N., 129° 27'·5E.
(c) 35° 24'·8N., 129° 26'·7E.

Chart [*Last correction*].— **898** (plan A, Ulsan and Mip'o) (a,b) [597/02] — **896** (INT 5355) (c) [596/02]

Korean Notice 3/28/02 (HH.557/466/08).

837 BORNEO, North–West Coast — Sarawak — Sungai Sarawak — Tanjung Po Northwestwards — Wrecks

Insert  (a) 1° 45'·325N., 110° 30'·925E.
1° 48'·00N., 110° 28'·15E.

Chart [*Last correction*].— **1822** (a) [4912/01] — **3834** [4394/01] — **3835** [4394/01] — **1336** [482/02]

Director of Marine, Sarawak Notice 4/02 (HH.519/450/03).

838 NORTH AMERICA, West Coast — California — San Diego Bay — South San Diego Bay — Dredged channel depth

Amend dredged channel depth to, *19ft* (1990) 32° 39'·45N., 117° 07'·13W.

Chart [*Last correction*].— **2885** (plan, San Diego Bay) [725/02]

U.S. Notice 4/18773/01 (HH.612/400/03).

839 SOUTH AMERICA, West Coast — Colombia — Approaches to Tumaco — Buoyage

Insert starboard–hand pillar light–buoy, *Fl.R.5s '12'* 1° 50'·35N., 78° 43'·40W.
Delete former '12' light–buoy 1° 49'·21N., 78° 43'·45W.

Chart [*Last correction*].— **2799** (plan D, Tumaco) [386/02]

Colombian Notice 47/01 (HH.641/400/02).

840* ANTARCTICA — South Georgia — Stromness Harbour — Mooring buoy

Delete  54° 09'·48S., 36° 42'·15W.

Note: Ground tackle remains as charted.

Former Notice 5052(P)/01 is cancelled.

Chart [*Last correction*].— **3587** (plan G, Approaches to Leith, Stromness and Husvik Harbours) [440/01] — **3588** [*New Chart* 25/1/01]

SALMO (HH.691/400/03).

841 SOUTH AMERICA, East Coast — Chile — Estrecho de Magallanes — Canal Magdalena — Pta Anxious — Light

Amend range of light to, *10M* 54° 07'·2S., 70° 56'·3W.

Chart [*Last correction*].— **554** [512/02]

Light List Vol. G, 2001/02, 1447

Chilean Notice 12/219/01 (HH.648/430/03).

II

842 CARIBBEAN SEA — Colombia, North Coast — Peninsula de la Guajira — Pta Gallinas — Light

Amend light to, *Fl.10s18m20M*, (chart 1966, *Fl.10s59ft20M*) 12° 27'·5N., 71° 40'·1W.

Chart [*Last correction*].— **2194** [5154/01] — **2195** [337/02] — **1966** [2647/01]

Light List Vol. J, 2001/02, 6267

Colombian Notice 63/01 (*HH.640/400/03*).

843 WEST INDIES — Nederlandse Antillen — Aruba — Noordwestpunt to Manchebo — Wreck; Obstruction

Delete  (a) 12° 34'·25N., 70° 03'·50W.
 (b) 12° 33'·50N., 70° 04'·90W.
 (c) 12° 33'·50N., 70° 05'·10W.

Chart [*Last correction*].— **2193** (a,b) [4001/01] — **1966** (c) [842/02]

UK Hydrographic Office (*HH.669/400/02*).

844 CARIBBEAN SEA — Nederlandse Antillen — Bonaire Westwards — Legend; Submarine exercise area

Delete legend, SUBMARINE EXERCISE AREA (see Note), centred on: 12° 07'·00N., 68° 28'·00W.
 note, SUBMARINE EXERCISE AREA, centred on: 10° 36'·00N., 68° 22'·50W.

Chart [*Last correction*].— **2192** [3054/01]

UK Hydrographic Office (*HH.669/450/01*).

845 WEST INDIES — Leeward Islands — Montserrat — Old Fort Point — Light; Radio masts

Delete ★ Aero Oc.R.2s104m22M (a) 16° 40'·75N., 62° 11'·54W.
 ★ Aero Oc.R.22M (b) 16° 40'·50N., 62° 11'·25W.
 symbol, radio mast, (charts 585 & 593, ○) (c) 16° 40'·66N., 62° 11'·29W.
 symbol, radio mast, (79)(R Lts),
 (charts 585 & 593, ○ Radio Masts (79)(R Lts) (d) 16° 40'·62N., 62° 11'·24W.

Chart [*Last correction*].— **254** (plan, Montserrat) (a,c,d) [2152/01] — **585** (a,c,d) [2153/01] — **593** (a,c,d) [104/01] — **955** (b) [3707/01]

Light List Vol. J, 2001/02, 5867

UK Hydrographic Office (*HH.671/460/04*).

846* WEST INDIES — Sint Eustatius and Saint Christopher — Depths

Insert depth 24₉ m and extend 30m contour NE. to enclose (a) 17° 25'·39N., 62° 54'·15W.
 (b) 17° 25'·44N., 62° 54'·11W.
 Delete depth 28m (c) close SW. of (b) above

Chart [*Last correction*].— **487** (a) [1596/00] — **583** (b,c) [124/02] — **584** (b,c) [2155/01]

NP Enterprise (*HH.671/460/04*).

847 WEST INDIES — Haïti, South Coast — Pedernales Southwards and Alta Vela Eastwards — Depths

Insert depth 9¼ fm and extend 100fm contour S. to enclose 17° 58'·0N., 71° 44'·2W.
 depth 8fm enclosed by 10fm contour 17° 28'·4N., 71° 36'·2W.

Chart [*Last correction*].— **3689** [4555/01]

UK Hydrographic Office (*HH.676/415/03*).

848 WEST INDIES — Haïti, South Coast — Morne Rouge Southeastwards to Pedernales Westwards — Depths

Insert depth 10¼ fm (a) 18° 11'·8N., 72° 07'·2W.
 depth 10¾ fm (b) 18° 09'·4N., 72° 00'·8W.
 depth 7fm (c) 18° 05'·0N., 71° 50'·6W.
 depth 11fm (d) 18° 01'·6N., 71° 49'·6W.
 Substitute depth 10¾ fm for depth 21fm 18° 10'·6N., 72° 04'·6W.
 Delete depth 25fm close E. of (a) above
 depth 200fm close S. of (b) above
 depth 20fm close N. of (c) above
 close SE. of (d) above

Chart [*Last correction*].— **3689** [847/02]

UK Hydrographic Office (*HH.677/405/01*).

II

849 WEST INDIES — Haïti, North Coast — Baie de Fort Liberté — Pointe de l'Ouest Northwestwards — Depth

Insert depth 20fm enclosed by 20fm contour 19° 44'·26N., 71° 52'·36W.

Chart [*Last correction*].— **465 (plan, Baie de Fort Liberté)** [4757/99]

UK Hydrographic Office (HH.677/410/02).

850 WEST INDIES — Haïti, North Coast — Cap Haitien Northwards — Light

Insert ★ *Fl.4s30M* 19° 47'·5N., 72° 11'·8W.

Chart [*Last correction*].— **3689** [848/02]

Light List Vol. J, 2001/02, 5410

UK Hydrographic Office (HH.677/410/02).

851 WEST INDIES — Haïti, North Coast — Banco de Monte Cristi — The Seven Brothers Westwards — Depths

Insert depth 19fm and extend 20fm contour W. to enclose (a) 19° 53'·94N., 71° 56'·91W.
Delete depth 27fm close NW. of (a) above

Chart [*Last correction*].— **463 (plan, Punta Mangle to Pointe Yaquezi)** [4555/01] — **465** [849/02]

UK Hydrographic Office (HH.676/420/02).

852 GULF OF MEXICO — Texas — Houston Ship Channel — Pasadena — Light–beacons

Delete '161' light–beacon, Fl.G.2·5s17ft PA 29° 43'·66N., 95° 12'·54W.
'163' light–beacon, Fl.G.2·5s17ft 29° 43'·47N., 95° 12'·84W.

Chart [*Last correction*].— **3188 (panel 2)** [4305/01]

Light List Vol. J, 2001/02, 4145.2, 4145.15

U.S. Notice 4/11325/02 (HH.615/425/05).

853 GULF OF MEXICO — Texas — Galveston Channel and Bolivar Roads — Light; Light–beacon

Insert ★ *2Fl.R.6s19ft* 29° 18'·710N., 94° 48'·415W.
Amend light–beacon to, *Q.G.35ft* 29° 21'·30N., 94° 45'·80W.

Chart [*Last correction*].— **3183 (plan, Galveston and Approaches)** [4632/01]

Light List Vol. J, 2001/02, 4037, 4043.5

U.S. Notice 6/11324/02 (HH.615/415/06).

854 GULF OF MEXICO — Texas — Outer Approaches to Galveston and Sabine Bank Southwards — Platforms; Wells

Insert □ (lighted) (a) 28° 54'·90N., 94° 12'·30W.
(b) 28° 23'·40N., 93° 17'·50W.
29° 13'·62N., 93° 49'·63W.

Substitute □ (lighted) for ○ Well least depth 138ft,
(chart 3850, □ (lighted) for ○ Well least depth 23fm) (c) 28° 29'·50N., 93° 28'·60W.

Chart [*Last correction*].— **3854** [735/02] — **3850 (a,b,c)** [736/02]

U. S. Notices 6/11330/02 & 6/11332/02 (HH.616/181/2002).

855 GULF OF MEXICO — Texas — Freeport Southwestwards — Platform

Insert □ (lighted) 28° 42'·95N., 95° 31'·60W.

Chart [*Last correction*].— **3854** [854/02]

U.S. Notice 6/11321/02 (HH.616/181/2002).

856 GULF OF MEXICO — Louisiana — Mississippi Delta — Southwest Pass Westwards — Platform; Obstruction

Insert □ (lighted) 29° 05'·73N., 89° 51'·50W.
○ *Obstn*, least depth 8₅ fm 28° 59'·83N., 89° 31'·70W.

Chart [*Last correction*].— **3857** [5159/01]

U.S. Notices 6/11358/02 & 6/11361/02 (HH.616/181/2002).

II

857 GULF OF MEXICO — Louisiana — Chandeleur Islands Southeastwards — Platform; Well

Substitute  (lighted) for  Well least depth 23fm 29° 38'·2N., 88° 29'·3W.

Chart [*Last correction*].— **3858** [737/02] — **3851** [737/02]

U.S. Notice 6/11366/02 (HH.616/181/2002).

858 GULF OF MEXICO — Alabama — Dauphin Island Southwards — Platforms

Insert  (lighted) 30° 11'·70N., 88° 11'·25W.
30° 12'·07N., 88° 07'·62W.

Chart [*Last correction*].— **3150** [739/02] — **3858** [857/02]

U.S. Notice 6/11376/02 (HH.616/181/2002).

859 GULF OF MEXICO — Mississippi — Mississippi Sound — Ship Island Northwards and Horn Island Northwards — Wrecks

Insert  PA 30° 15'·00N., 88° 37'·00W.
 Rep (2001) PA 30° 18'·25N., 88° 54'·67W.

Chart [*Last correction*].— **3151** [5032/01]

U.S. Notice 6/11373/02 (HH.616/181/2002).

860 GULF OF MEXICO — Louisiana — Mississippi River — Gulf Outlet Canal — Dredged depth

Amend dredged depth to, 26ft (2001) 30° 00'·0N., 89° 58'·6W.

Chart [*Last correction*].— **3382 (panel 4, New Orleans Harbor)** [521/02]

U.S. Notice 52/11368/02 (HH.615/451/01).

861 NORTH AMERICA, East Coast — Florida — Port of Palm Beach — Dredged channel

Insert limit of dredged channel, pecked line, joining: 26° 46'·310N., 80° 02'·263W.
(existing limit)
26° 46'·385N., 80° 02'·215W.
(existing limit)

Delete former limit of dredged channel, pecked line, joining: 26° 46'·30N., 80° 02'·30W.
(existing limit)
26° 46'·35N., 80° 02'·32W.
(existing limit)

Chart [*Last correction*].— **3684 (plan, Port of Palm Beach)** [619/02]

U.S. Notice 4/11466/02 (HH.614/645/04).

862 NORTH AMERICA, East Coast — South Carolina — Inner Approaches to Charleston Harbor — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS for existing table, centred on: 32° 47'·9N., 79° 48'·7W.

Chart [*Last correction*].— **2806** [3620/01]

U.S. Notice 6/11523/02 (HH.614/011/2002).

863 NORTH AMERICA, East Coast — South Carolina — Outer Approaches to Charleston Harbor — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS for existing table, centred on: 32° 52'·30N., 79° 54'·30W.

Chart [*Last correction*].— **2803** [2270/01]

U.S. Notice 6/11521/02 (HH.614/011/2002).

864 NORTH AMERICA, East Coast — Chesapeake Bay — Crumps Bank — Buoyage

Insert starboard-hand pillar light-buoy, Fl.R.2·5s '2' 36° 56'·490N., 76° 10'·793W.
Delete '2LC' light-buoy, Fl.R.2·5s 36° 56'·997N., 76° 10'·728W.

Chart [*Last correction*].— **2829** [526/02] — **2919** [4841/01]

U.S. Notice 6/12255/02 (HH.614/555/06).

II

865 NORTH AMERICA, East Coast — Maryland — Chesapeake Bay — Kent Island Westwards — Lights

Amend	range of light to, <i>3M</i>	38° 57'·95N., 76° 28'·15W.
	light to, <i>Fl.R.2·5s15ft4M '2F'</i>	38° 54'·65N., 76° 27'·30W.
	'3' light to, <i>Q.G.15ft3M</i>	38° 54'·62N., 76° 27'·60W.
	'2' light to, <i>Fl.R.2·5s15ft4M</i>	38° 51'·90N., 76° 29'·45W.

Chart [*Last correction*].— **2921 (panel 2)** [741/02]
 Light List Vol. J, 2001/02, 2206.3, 2206.4, 2197.4, 2211
 U.S. Notice 5/12270/02 (HH.614/585/04).

866 NORTH AMERICA, East Coast — Maryland — Chesapeake Bay — Approaches to Baltimore — Craighill Channel Entrance Range — Light

Amend	light to, <i>Oc.4s24ft & Iso.6s24ft5M</i>	39° 06'·1N., 76° 24'·4W.
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Chart [*Last correction*].— **2850** [133/02]
 Light List Vol. J, 2001/02, 2227.9, 2227.901
 U.S. Notice 5/12282/02 (HH.614/590/04).

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

Amend	light to, <i>F.R.15ft8M & Al.WR.10s53ft Horn(1)10s</i> , (chart 1227, <i>F.R.8M & Al.WR.10s Horn(1)10s</i>)	(a) 42° 20'·39N., 70° 57'·27W.
Delete	sectors at light, as follows:	(a) above
	<i>Oc.R</i> 328° – 336° (8°)	
	<i>Oc.W</i> 336° – 339° (3°)	
	<i>Oc.G</i> 339° – 347° (8°)	
	Remaining sectors unchanged	

Chart [*Last correction*].— **1528** [4546/01] — **1516** [747/02] — **1227 (a)** [135/02]
 Light List Vol. J, 2001/02, 0324
 U.S. Notice 3/13272/02 (HH.614/435/03).

II

868(P)/02 ENGLAND, East Coast — River Humber — Hull Middle — Depths; Drying heights

1. Recent ABP Humber port surveys have shown the following changes (positions are referred to a WGS84 compatible datum):
 - a. Hull Middle drying bank has extended east and south. The following depth and drying heights, less than charted, now exist:

depth 1 ₈ m	53° 44′.16N., 0° 17′.70W.
drying height 0 ₃ m	53° 44′.15N., 0° 18′.03W.
drying height 1 ₄ m	53° 44′.04N., 0° 18′.73W.
drying height 0 ₆ m	53° 43′.87N., 0° 17′.88W.
drying height 1 ₁ m	53° 43′.54N., 0° 18′.53W.
drying height 1 ₄ m	53° 43′.32N., 0° 19′.19W.
 - b. The unmarked channel south of Hull Middle has moved 400 metres south. The mid-line of the channel is now represented by the following depths:

depth 1 m	53° 43′.62N., 0° 17′.73W.
depth 1 ₃ m	53° 43′.44N., 0° 18′.17W.
depth 0 ₈ m	53° 43′.25N., 0° 18′.73W.
depth 0 ₅ m	53° 43′.06N., 0° 19′.54W.
2. These depths and other amendments will be included in New Editions of Charts 3497 and 109 to be published later this year.

Charts affected — 3497 — 109

ABP Humber (HH.252/410/12).

869(T)/02 JAPAN — Kyūshū, West Coast — Gottō Rettō — Nakadōri Shima Eastwards — Depths

1. Depths considerably less than charted are reported to exist as follows:

depth 14m	33° 02′.98N., 129° 19′.97E.
depth 13 ₂ m	33° 01′.72N., 129° 18′.33E.
depth 12 ₇ m	33° 00′.69N., 129° 18′.62E.
depth 9 ₂ m	32° 58′.70N., 129° 17′.03E.
depth 13 ₃ m	32° 59′.00N., 129° 16′.43E.
depth 8 ₉ m	32° 57′.99N., 129° 16′.23E.
depth 15 ₇ m	32° 56′.65N., 129° 16′.64E.
2. All positions in this notice are referred to WGS84 Datum.
3. Former Notice 3303(T)/99 is cancelled.

Charts affected — 1527 — 359

Japanese Notice 21/1318(T)/99 (HH.564/420/08).

870(T)/02 JAPAN — Kyūshū, West Coast — Approaches to Sasebo — Terashima Suidō — Depths

1. A shoal depth of 9₃ m has been located in position 33° 02′.76N., 129° 39′.11E.
2. Former Notice 1755(T)/99 is cancelled.

Charts affected — 3881 — 1527

Japanese Notice 12/526(T)/99 (HH.564/424/04).

871(T)/02 JAPAN — Kyūshū, North Coast — Approaches to Imari Wan — Izu Shima Westwards — Shoal

1. A shoal depth of 7m has been located in position 33° 25′.75N., 129° 41′.18E.
2. Former Notice 4648(T)/01 is cancelled.

Charts affected — 1527 — 3514

Japanese Notice 40/1548(T)/01 (HH.564/421/03).

872(T)/02 JAPAN — Kyūshū, North Coast — Genkai Nada — Konagama Shō — Depth

1. A shoal depth of 11m has been located in position 33° 41′.67N., 130° 10′.66E.
2. Former Notice 4018(T)/01 is cancelled.

Chart affected — 3514

Japanese Notice 36/1436(T)/01 (HH.564/421/03).

873(P)/02 JAPAN — Kyūshū, North Coast — Genkai Nada — Koga Northwestwards — Submarine cable

1. Mariners are advised that submarine cable laying operations are in progress between the following positions:

33° 44′.22N., 130° 27′.53E. (shore)
33° 46′.28N., 130° 21′.75E.
33° 45′.02N., 130° 12′.89E.
33° 45′.78N., 130° 10′.39E.
33° 49′.16N., 130° 06′.32E.
33° 50′.08N., 129° 58′.93E.
33° 55′.60N., 129° 55′.41E. (N. border)
2. Charts will be updated when full details become available.
3. Former Notice 4107(P)/01 is cancelled.

Chart affected — 3514

Korean Notice 35/253/01 (HH.557/300/01).

II

874(T)/02 KOREA, West Coast — Inch'ŏn Hang — Wreck

A dangerous wreck exists in position 37° 30'·67N., 126° 36'·00E.

Chart affected — 3642

Korean Notice 2/27(T)/02 (HH.557/418/08).

875(T)/02 NEW ZEALAND — North Island, East Coast — Research instruments

1. Unmarked sub-surface research moorings are established in the following positions:

Cape Rodney	36° 10'·00S., 174° 55'·50E.
ENE. of Cape Brett	34° 50'·00S., 175° 09'·97E.
Firth of Thames	36° 46'·05S., 175° 18'·33E.
E. of Tutukaka	35° 36'·85S., 174° 55'·60E
2. Mariners are requested to exercise care when in the vicinity.
3. Former Notice 1313(T)/01 is cancelled.

Charts affected — NZ 51 — NZ 52 — NZ 53 — NZ 521 — NZ 522 — NZ 531 — NZ 532

New Zealand Notice 1/22(T)/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 1 11 January 2002

NZ 20/02 NEW ZEALAND – North Island – East Coast – Auckland Harbour – Savage Memorial.

Chart NZ 5322 [246/01]

Move	symbol for Savage Memorial, from:	36° 50'·765S., 174° 49'·560E.
	to:	36° 50'·730S., 174° 49'·560E.

Land Information New Zealand
NI 1/2002

On Chart 2281

Numerous marine farms exist within the area of this chart, not all of which are shown. They may be floating or fixed structures and fishing within 100 metres or sailing within 20 metres is prohibited. The farms are generally marked by buoys or beacons, which may be lit.

On Chart 2806

CHANNEL DEPTHS (see Note)								
CHARLESTON HARBOR ENTRANCE TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO AUG 2000								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	42.6	41.6	42.8	41.9	2-99	1000	9.0	47
MOUNT PLEASANT RANGE	41.2	44.9	45.6	44.4	8-00	1000-600	1.6	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

On Chart 2803

CHANNEL DEPTHS (see Note)								
CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO AUG 2000								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	42.6	41.6	42.8	41.9	2-99	1000	9.0	47
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 876/02

On Chart 711

CHART 712: POSITIONS

To agree with smaller scale chart 712, which is referred to World Geodetic System (1984) Datum, positions read from chart 711 should be moved 0.18 minutes SOUTHWARD and 0.42 minutes EASTWARD.

On Chart 835

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 2643

CHART 2655: POSITIONS

To agree with smaller scale chart 2655, which is referred to European Terrestrial Reference System (1989) Datum, positions read from chart 2643 should be moved 0.06 minutes SOUTHWARD and 0.08 minutes WESTWARD.

On Chart 2644

CHARTS 2655 and 2656: POSITIONS

To agree with smaller scale charts 2655 and 2656, which are referred to European Terrestrial Reference System (1989) Datum, positions read from chart 2644 should be moved 0.06 minutes SOUTHWARD and 0.09 minutes WESTWARD.

On Chart 2646

CHART 2655: POSITIONS

To agree with smaller scale chart 2655, which is referred to European Terrestrial Reference System (1989) Datum, positions read from chart 2646 should be moved 0.06 minutes SOUTHWARD and 0.08 minutes WESTWARD.

On Chart 2656

**CHARTS 2644, 2668, 2669 and 2613:
POSITIONS**

To agree with larger scale charts 2644, 2668, 2669 and 2613, which are referred to European Datum (1950), positions read from chart 2656 should be moved 0.06 minutes NORTHWARD and 0.09 minutes EASTWARD for charts 2644 and 2668, and 0.06 minutes NORTHWARD and 0.08 minutes EASTWARD for charts 2669 and 2613.

On Chart 2668

CHARTS 2655 and 2656: POSITIONS

To agree with smaller scale charts 2655 and 2656, which are referred to European Terrestrial Reference System (1989) Datum, positions read from chart 2668 should be moved 0.06 minutes SOUTHWARD and 0.09 minutes WESTWARD.

To accompany Notice to Mariners 810/02



On Chart 1691

FIRING PRACTICE AREA

Although no restrictions are placed on the right to transit the firing practice area at any time, mariners are advised to exercise particular caution whilst in the area. Red flags are displayed to indicate that an area is in use. The firing practice area is operated using a clear range procedure. Exercises and firing only take place when the area is considered to be clear of all shipping. For further details see Annual Notice No 5.

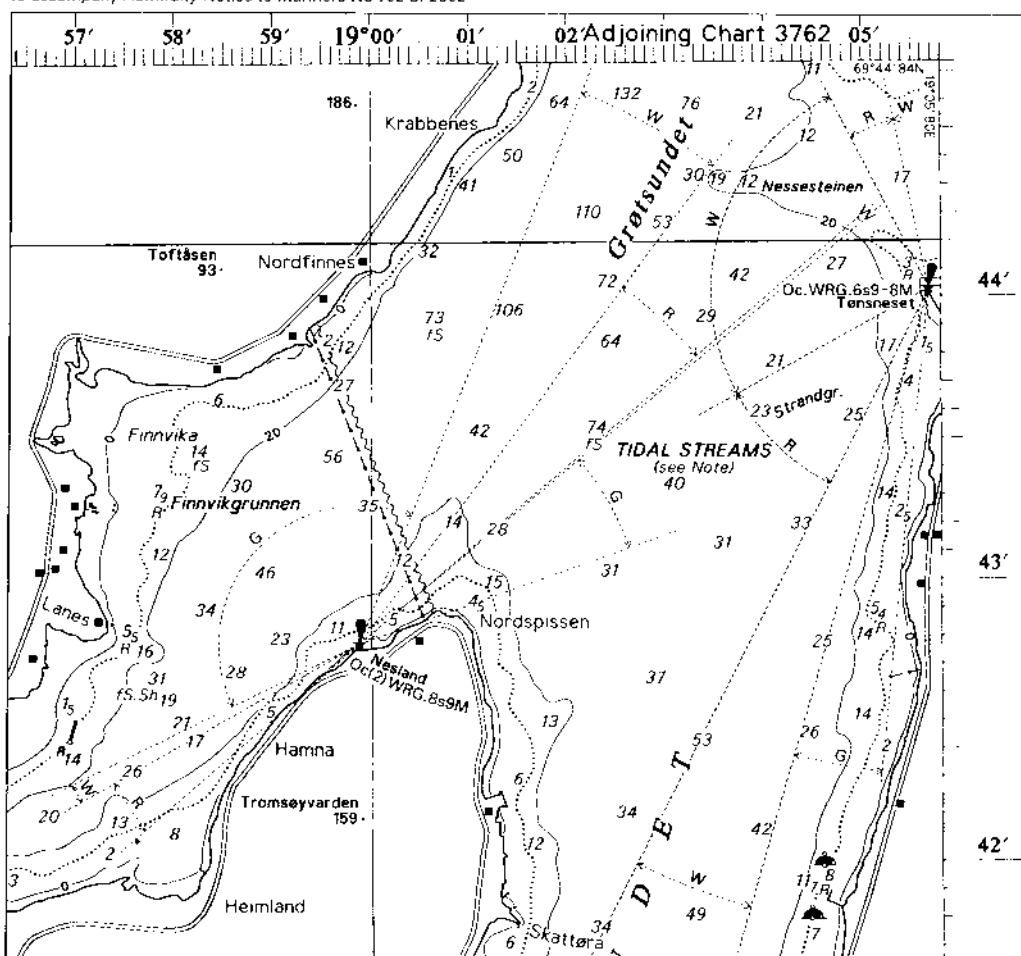
On Chart 1771

FIRING PRACTICE AREA

Although no restrictions are placed on the right to transit the firing practice area at any time, mariners are advised to exercise particular caution whilst in the area. Red flags are displayed to indicate that an area is in use. The firing practice area is operated using a clear range procedure. Exercises and firing only take place when the area is considered to be clear of all shipping. For further details see Annual Notice No 5.

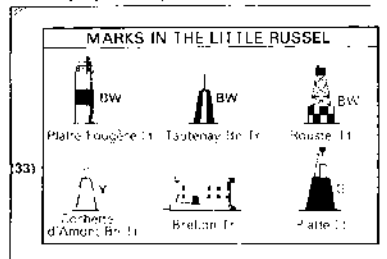
[illegible]

To accompany Admiralty Notice to Mariners No 762 of 2002



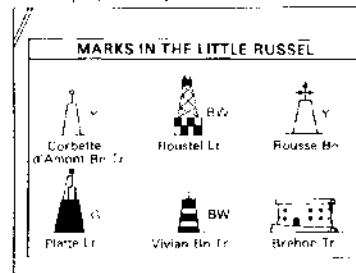
Block for Chart No 3763

To accompany Admiralty Notice to Mariners No 761 of 2002



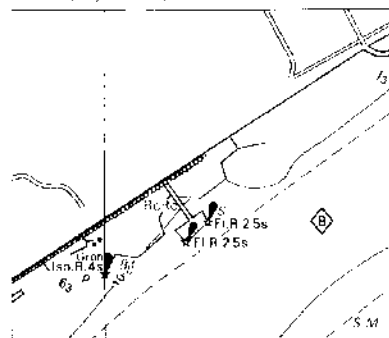
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To accompany Admiralty Notice to Mariners No 761 of 2002



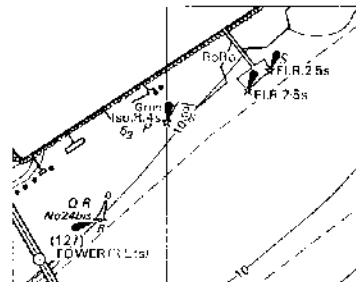
Block for Chart No 808

To accompany Admiralty Notice to Mariners No 763 of 2002



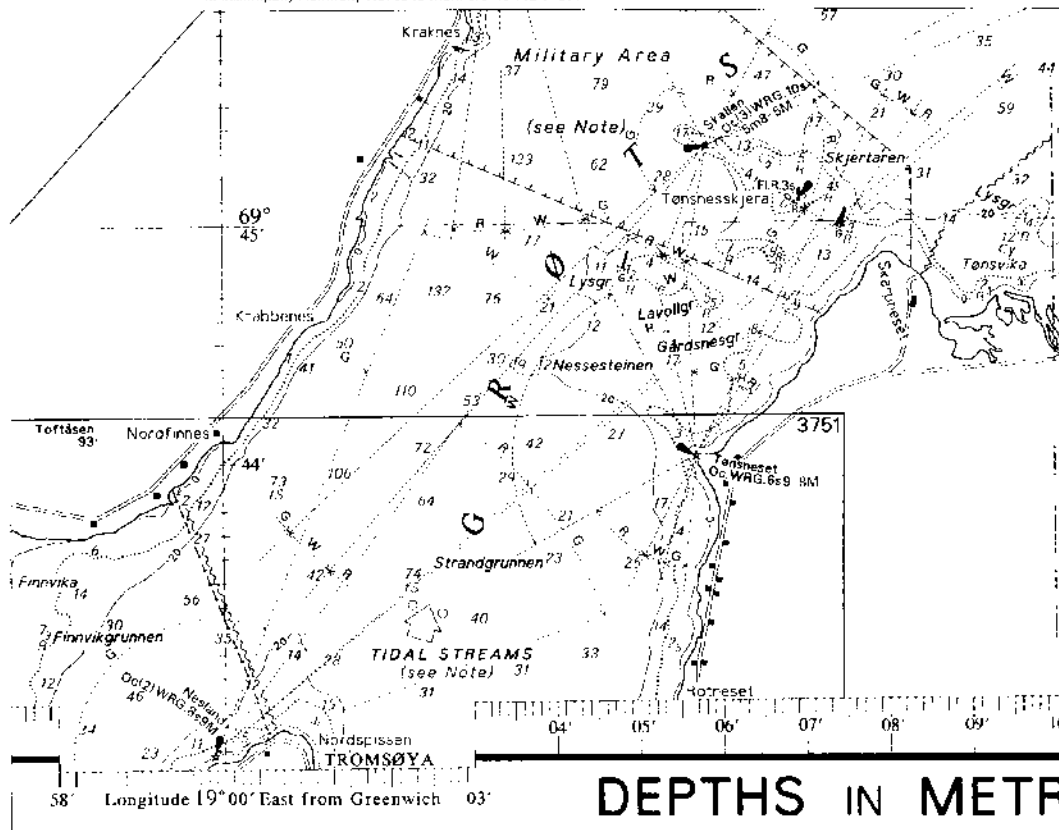
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To accompany Admiralty Notice to Mariners No 763 of 2002

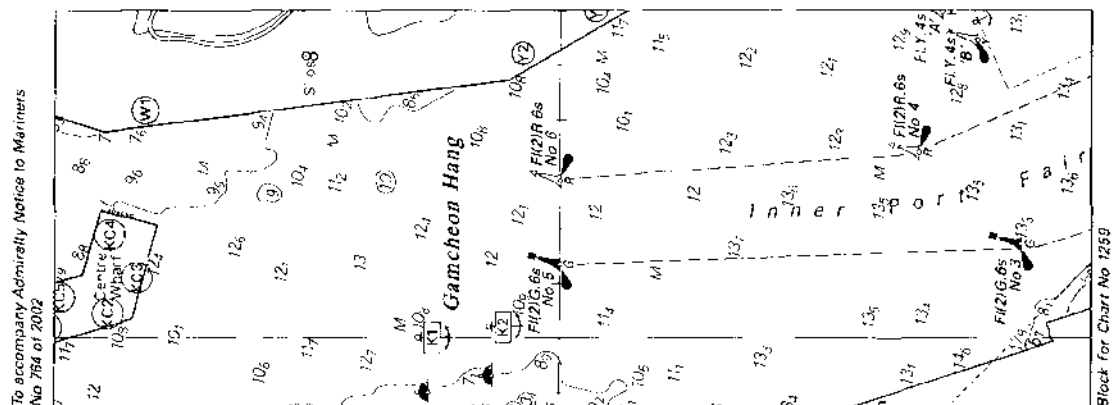


Block for Chart No 2989

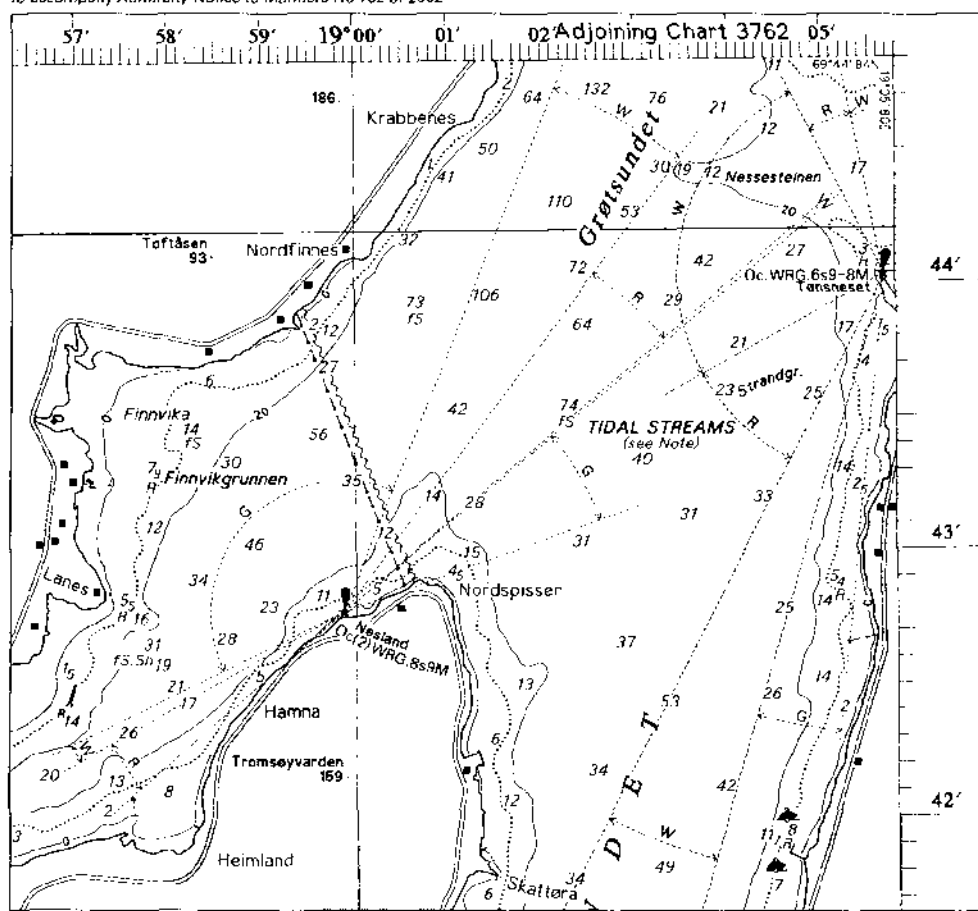
To accompany Admiralty Notice to Mariners No 762 of 2002



Block for Chart No 3762



To accompany Admiralty Notice to Mariners No 762 of 2002



III

NAVIGATIONAL WARNINGS

See N.M. 13/02. Messages printed below are all in force on 12 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) 8th Week 21/2/02.

NAVAREA I warnings in force 12/2/02: 2000 series: 189 397 419 473 533.

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

2002 series: 005 008 029 032 039 054 056 059 060 061 062.

053 Cancelled.

054 ENGLAND, East Coast. Great Yarmouth Approaches. Stanford Channel. Chart BA 1536. North Newcome lightbuoy moved 150 metres North-northeastwards to 52°28'·39N 001°46'·37E.

055 Cancelled.

056 ENGLAND, Northeast Coast. Blackrocks Point. Chart BA 111. Bamburgh Light (A2810) 55°37'N 001°43'W changed to Oc(2)WRG.8s12m14-11M. Light exhibited continuously.

057 Cancelled.

058 Cancelled.

059 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 121000z Feb 02.

52°22'·1N	003°46'·6E	Noble Lynda Bossler
52°22'·9N	003°16'·0E	Ensco 100
53°20'·4N	003°19'·4E	Ensco 80
53°21'·4N	003°59'·0E	Noble Piet Van Ede
53°42'·3N	004°36'·1E	Glomar Adriatic 11
53°55'·7N	000°32'·3E	Noble Julie Robertson

NOTES:

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

2. Cancel 049/02.

III

060 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 121000z Feb 02.

55°31'·8N	005°00'·4E	Maersk Endeavour
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°42'·4N	001°41'·4E	Glomar Grand Banks
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°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:

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

2. Cancel 050/02.

061 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 121000z 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
NEW	60°52'·6N	003°29'·7E	West Venture
	61°02'·0N	001°07'·7E	Sedco 712
NEW	Sandnes		Deepsea Trym
NEW	61°16'·6N	002°07'·2E	Bideford Dolphin
NEW	Marstein Fjord		Transocean Arctic
	61°20'·5N	001°59'·8E	Borgland Dolphin
	61°25'·9N	002°34'·1E	West Vanguard
NEW	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
NEW	Haugesund		West Alpha
	66°03'·6N	008°10'·7E	Stena Don

NOTES:

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

2. Cancel 051/02.

III

062 RIGLIST. South and West Coasts of the British Isles. Correct at 121000z Feb 02.

NIL

NOTES:

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

2. Cancel 052/02.

Cancel 521/01. ANM 415/02 refers.

(2) Navarea II (E Atlantic) 8th Week 21/2/02.

Edited Navarea II warnings in force 12/2/02: NIL.
061 to 067 received.

(3) Navarea III (Mediterranean) 8th Week 21/2/02.

Edited Navarea III warnings in force 12/2/02: 466/01, 552/01.
054 to 065 received.

(4) Navarea IV (NW Atlantic) 8th Week 21/2/02.

Edited Navarea IV warnings in force 12/2/02: 383/01.
046 to 054 received.

(5) Navarea V (W Atlantic) 8th Week 21/2/02.

Edited Navarea V warnings in force 12/2/02: 923/97, 568/98, 055/01, 1368/01.
Nil received.

(6) Navarea VI (SW Atlantic) 8th Week 21/2/02.

Edited Navarea VI warnings in force 12/2/02: 101/01, 175/01.
Nil received.

(7) Navarea VII (SE Atlantic) 8th Week 21/2/02.

Edited Navarea VII warnings in force 12/2/02: NIL.
015 and 016 received.

(8) Navarea VIII (Indian Ocean) 8th Week 21/2/02.

Edited Navarea VIII warnings in force 12/2/02: 388/00, 268/01, 497/01, 077/02.
073 to 088 received.

077 INDIA, West Coast. Approaches to Bombay. Prongs Reef, Southward. Chart BA 2621.
Dangerous Wreck reported 18°51'03N 072°48'03E PA.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 8th Week 21/2/02.

Edited Navarea IX warnings in force 12/2/02: NIL.
010 to 027 received.

(10) Navarea X (Australia, New Guinea) 8th Week 21/2/02.

Edited Navarea X warnings in force 12/2/02: 020/00.
Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 8th Week 21/2/02.

Edited Navarea XI warnings in force 12/2/02: NIL.
Nil received.

III

(12) Navarea XII (NE Pacific) 8th Week 21/2/02.

Edited Navarea XII warnings in force 12/2/02: 288/01.
042 to 050 received.

(13) Navarea XIII (NW Pacific) 8th Week 21/2/02.

Edited Navarea XIII warnings in force 12/2/02: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 8th Week 21/2/02.

Edited Navarea XIV warnings in force 12/2/02: NIL.
016 to 018 received.

(15) Navarea XV (SE Pacific) 8th Week 21/2/02.

Edited Navarea XV warnings in force 12/2/02: NIL.
Nil received.

(16) Navarea XVI (E Pacific) 8th Week 21/2/02.

Edited Navarea XVI warnings in force 12/2/02: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 8th Week 21/2/02.

Edited Hydropacs in force 12/2/02: 1272/99, 1639/01, 1647/01.
225 to 265 received.

(18) Hydrolants (Atlantic, Mediterranean) 8th Week 21/2/02.

Edited Hydrolants in force 12/2/02: 2002/98, 1581/00, 2659/01, 192/02.
295 to 356 received.

IV

[08/02]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 8 Pacific Coasts of Central America and United States Pilot (1995 Edition) — Supplement 1–1998

Columbia River – Sand Island southwards — Wreck

376

R 4 *Add:*

S of a dangerous wreck (1¾ miles WNW) of which only the masts are visible at chart datum.

377

L 5 *Add:* Attention is drawn to a dangerous wreck, of which only the masts are visible at chart datum, which lies in the approaches to the channel in position 46°15'·2N, 123°58'·2W.

U.S. Notice 4/1852/02
(HH. 612/455/04)

[08/02]

NP 15 Australia Pilot Volume III (1999 Edition)

Hawkesbury River — Directions

87

Paragraph 3.57 1 lines 2–4 *Replace by:*
...151°15'E) (3.45), the track leads NNW, then NNE, passing (positions...
Paragraph 3.57 2 lines 5–6 *Replace by:*
...hand). And:
Paragraph 3.58 1 lines 5–8 *Replace by:*
...on the other. The fairway is marked by light–beacons.

Australian Notice 2/74/02
(HH. 576/440/03)

[08/02]

NP 32 China Sea Pilot Volume III (1982 Edition) — Supplement 7–1998

Mai-liao Kung-yeh-kang

107

Existing Section IV Notice Week 37/01, paragraph 5.79c line 8 *Add:*

No 3 Anchorage (not shown on the chart) is centred on approximate position 23°43'·6N, 120°02'·0E.

Existing Section IV Notice Week 37/01, paragraph 5.79c line 11 *Add:*

Berthing takes place in daylight hours only.

Existing Section IV Notice Week 37/01, paragraph 5.79e line 14 *Add:*

Caution. Many fishing nets and boats are reported to be found close to the coast in the vicinity of the harbour approaches and anchorages.

Hua-lien Hsi

126

L 26 *For* 26° *Read* 23°

mt *Haminea*
(HH. 549/825/01)

[08/02]

NP 34 Indonesia Pilot Volume II (1999 Edition)

South Pulau Laut Coal Terminal

268

After 10.86 1 line 2 *Insert:*

General information

10.86a

- 1 **Position.** South Pulau Laut Coal Terminal (04°02'S, 116°02'E) is situated on the SW coast of Pulau Laut. The operator is Adaro, PT Indonesia Bulk Terminals.

Berths

10.86b

- 1 One berth capable of handling a vessel of 90 000 dwt. It was reported (2002) that there are plans to construct a second berth, capable of handling a vessel of 200 000 dwt.

United Kingdom Hydrographic Office
(HH. 527/815/01)

[08/02]

NP 56 Norway Pilot Volume I (2000 Edition)

Norway south coast – Oslofjorden — Precautionary area and recommended direction of traffic

11

Paragraph 1.86 3 *Add:* Recommended directions of traffic flow are established within the area, as shown on the chart.

118

Paragraph 5.15 4 *Add:* Recommended directions of traffic flow are established within the area, as shown on the chart. However, due to restrictions affecting vessels passing, overtaking and meeting in the Precautionary Area, the route to be used will be as directed by the Vessel Traffic Service (5.16).

It is reported that deep–draught vessels are routed to pass W of Gåsungane.

131

Paragraph 5.163 3–5 *Replace by:*

- 3 **Second leg.** From the vicinity of Drøbak (59°40'N, 10°38'E) the main channel follows the E side of the fjord, over the least charted depth in the channel (5.166), through the narrows of Drøbaksundet (59°40'3N, 10°37'1E), and E of Askholmane and Storegrundet. Thence the recommended direction of flow for northbound traffic continues between the E shore and the islands of Aspond, Lågøya and Søre Langåra to a position NNW of Spro Light.

The recommended southbound route passes W of Søre Langåra, Lågøya and Aspond, then W of Askholmane.

- 4 **Third leg.** From a position NW of Spro (59°46'N, 10°35'E) the recommended northbound route passes W of Steilene and SE of Gåsungane, to the TSS W of Nesodden.

The recommended southbound route from Nesodden TSS passes SE of Gåsøya and NW of Gåsungane, then continues S to a position W of Søre Langåra.

132

Paragraph 5.173 centre-heading *For* **Directions Read**
Directions – northbound

133

Paragraph 5.173 5 line 1 *For* through *Read* into

Paragraph 5.175 5 line 4 *For* 5.179 *Read* 5.188a

Paragraph 5.178 1 lines 7–8 *Delete*

Paragraph 5.179 *Delete*

134

Paragraphs 5.181 and 5.182 *Delete*

Paragraph 5.183 1 *Replace by:*

- 1 From a position 7 cables NNW of Spro Light (59°46'N, 10°35'E) the route leads 2 miles N, thence 8 cables NNE, passing (with positions from the light on Steilene SW point (59°49'0N, 10°35'6E)):

Paragraph 5.183 5 *Replace by:*

- 5 Clear of, depending on draught, a detached patch with a depth of 12.5 m over it (5 cables WNW), which lies within the E part of a white sector (174°–179°) of Spro Light (5.180).

Paragraph 5.185 *Replace by:*

- 1 From a position NW of Steilene Light (5.172), the recommended route leads 3½ miles NE, passing (with positions from Illjærnsflu Light (59°51'4N, 10°38'0E)):

Clear of Østre Måsane (2¼ miles SW) a group of shoals marked on their SW side by a buoy (isolated danger), thence:

- 2 NW of Merseflua (1¾ miles SSW), a group of shoals marked by two buoys (starboard hand), and:

SE of Gåsungane (1½ miles SW), a reef which dries in parts, on the SW end of which stands Gåsungane Light (white lantern on piles). The SW and NE ends of the reef are marked by buoys (starboard hand and port hand, respectively) and a beacon–tower (black with white band) stands 1½ cables E of the light. A shoal patch with a least depth of 11.5 m lies 5 cables E of the light. Thence:

SE of Gåsøya Light (white lantern on piles) (1¼ miles WSW), standing on Arnesflua, a rock close off the SE side of the island, thence:

- 3 NW of Illjærnsflu Light (5.172), standing near the centre of a ridge on which depths of less than 12 m extend up to 3 cables NE and SW from the light, thence:

To the NE-bound lane of Nesodden TSS. Nesoddtangen Buoy (safe water) marks the NE end of the separation zone; on the SE side of the lane, a spit with a depth of 9 m over it extends 1½ cables NW of Nesodden Light.

(Directions continue for Oslohavn Western Channel at 5.254; Oslohavn Southern Channel at 5.258; Lysakerfjorden at 5.275)

Paragraphs 5.186–5.188 *Replace by:*

Directions – southbound**Nesodden to Gåsungane****5.186**

- 1 From a position 5 cables NW of Nesodden Light (59°52'N, 10°39'E) in the SW-bound lane of Nesodden TSS, the track leads 2¾ miles SW, passing (with positions from Illjærnsflu Light (59°51'4N, 10°38'0E)):

SE of Geitegrunnen (1¼ miles NNE), marked at its NE end by a buoy (port hand), thence:

- 2 SE of Vassholmgrunnen (1 mile N), the SE of the shoals lying SE of Vassholmane, 2 islets containing a marina, thence:

Clear of, depending on draught, Storesanden (6 cables NW), an extensive ridge about 8 cables in length, orientated ENE/WSW, with a least depth of 11 m near its centre, thence:

NW of Illjærnsflu Light (5.172), thence:

SE of Gåsøya Light (1¼ miles WSW) (5.185), thence:

NW of Gåsungane (1½ miles SW).

Gåsungane to Spro**5.187**

- 1 From a position NW of Gåsungane the track leads 4¾ miles SSW and S, passing (with positions from Steilene Light (59°49'0N, 10°35'6E)):

Clear of, depending on draught, a patch with a least depth of 13.5 m (1¼ miles NNW), thence:

- 2 ESE of Vestre Måsane (1½ miles NW) a group of shoals marked by a buoy (isolated danger), thence:

WNW of Østre Måsane (7 cables NNW), thence:

W of Steilene Light (5.172), thence:

IV

- 3 Clear of, depending on draught, Storegrunnane (1 mile WSW), a group of shoal heads lying on the W side of the fairway, and with a least depth of 13.5 m, thence:
E of Håmerrgrunnen (2¾ miles SW) and Torpene (7 cables farther S).

Spro to Aspond 5.188

- 1 From a position W of Spro Light (59°46'N, 10°35'E), the recommended route leads 2 miles S on the W side of the precautionary area, passing (with positions from Nordre Sundbyholmen Light (59°43'6N, 10°32'2E):
W of the bank fringing Søre Langåra (2¼ miles NNE) (5.180), and:
2 E of Langårgrunnane, a chain of shoals extending 6 cables S from Klokkegrunnen (2 miles N), which is the least depth along the chain, and is marked by a buoy (port hand), thence:
W of Sydvestgrunnen (1½ miles NNE), marked by an iron perch, thence:
E of Østre Ramtongrunnen (1 mile N), marked at its NE end by a spar buoy (port hand), thence:
3 W of Lågøya (1 mile NE); shoal ground extending 2 cables W of the island is marked by a spar buoy (starboard hand), and:
E of the reef extending 2 cables NNE from Høvikskjera (4 cables NNW), marked near its N end by an iron perch.
4 Thence the track leads 6 cables SE into Ristsundet, in a white sector (143°–145°) of Storegrunnen Light (59°42'6N, 10°35'5E), passing (positioned from the light):
NE of Nordre Sundbyholmen Light (GRP tower on concrete base) (2 miles NW), thence:
NE of Flågrunnen (1½ miles NW), a reef extending 3 cables NW from the NW part of Nordre Håøya and marked by an iron perch at its NW end, thence:
5 SW of Aspond (1 mile NNW) (5.180). A shoal with a least depth of 3.5 m lies 1 cable W of the S point of the island and is marked by a spar buoy (starboard hand). And:
NE of the bank fringing the N coast of Nordre Håøya (1 mile NW), marked nearest the track by a spar buoy (port hand).

Aspond to Kaholmen 5.188a

- 1 From a position in Ristsundet (59°43'2N, 10°34'4E), between Aspond and Nordre Håøya, the route leads 1½ miles SSE on the alignment (160°) of Tronstaodden Leading Lights (front light GRP lantern on concrete base, no topmark, rear light triangle topmark point down) (59°41'5N, 10°35'6E), passing (positioned from the front light):
WSW of Storegrunnen Light (1 mile N) (5.176) and Nordre Torskekrakken, an underwater rock lying 1 cable W of the light, thence:

- 2 WSW of Søre Torskekrakken (8 cables NNW), a shoal marked by a light, thence:
ENE of Galteryggen (6 cables NNW), a shoal marked by a light, and:
WSW of the Askholmene group of islets (6 cables N) (5.176). The W side of the group is marked by a spar buoy (starboard hand), and the SW danger, Askholmgrunnen, is marked by a light.
3 Thence the track is adjusted to pass E of Tronstaodden and enter a white sector (311°–321°), astern, of the front leading light, which leads SW of Langebåt Light (5.176) to rejoin the N-bound route NE of Nordre Kaholmen (59°40'7N, 10°36'6E).
4 The S-bound route continues as the reverse of the N-bound route, with directions given at 5.174.

140

Paragraph 5.254 continuity *Replace by:*

(continued from 5.185)

Paragraph 5.254 1 line 1 *For 3½ cables Read 3 cables*

141

Paragraph 5.258 continuity *Replace by:*

(continued from 5.185)

Paragraph 5.258 1 line 1 *For 3½ cables Read 3 cables*

143

Paragraph 5.275 continuity *Replace by:*

(continued from 5.185)

Norwegian Chart 4
(HH. 308/080/01)

[08/02]

NP 61 Pacific Islands Pilot Volume II (1984 10th Edition) — Supplement 7–2001

Nouvelle-Calédonie – Passe de Poum — Leading line

99

L 53 *After ... Sommet Poum (Pume Peak) Insert: 414 m in height.*

L 63–65 Including existing Supplement amendment
Replace by:

Approaching from W, Sommet Poum (414 m in height) bearing 092° leads through Passe de Poum. A conical buoy (north cardinal) at the entrance to the passage marks the N extremity of Grand Récif de Poum.

French Chart 7320
(HH. 585/510/02)

[08/02]

IV

Tonga – Vava’u Group north–westwards — Volcanic activity

345

R 45 *Insert:*

Volcanic activity

12.194a

Volcanic activity has been reported (2001) in position 18°19′.1S, 174°21′.1W, about 25 miles NW of the Vava’u Group.

New Zealand Notice 02/27/02

(HH. 132/600/02)

[08/02]

Mys Svyatoy Nos northwards — Unexploded ordnance

83

L 53 *Insert:*

Unexploded ordnance

4.22a

An area in which unexploded ordnance exists lies N of Mys Svyatoy Nos in position 68°27′.4N, 39°56′.0E.

Russian Notice 79/7576/01

(HH. 306/430/02)

[08 /02]

NP 69A East Coasts of Central America and Gulf of Mexico Pilot (1993 Edition) — Supplement 2–1999

Alabama – Mobile Ship Channel – Arlington Channel — Additional leading lights

220

R 66 *After* (289°) *Insert:* ahead and the reciprocal (109°) astern of...

221

L 6 *Add:*

Outer Front Light (30°38′.5N, 88°01′.8W)

Outer Rear Light (614 m from Front Light)

U.S. Notice 4/11376/02

(HH. 615/455/08)

[08/02]

NP 72 Southern Barents Sea and Beloye More Pilot (1996 Edition) — Supplement 1–1999

Mys Teriberskiy east–north–eastwards — Area dangerous to navigation

74

L 17 *Insert:*

Area dangerous to navigation

3.32a

An area which is dangerous to navigation due to the presence of explosives lies ENE of Mys Teriberskiy, bounded by the following coordinates:

69°20′N, 36°45′E

69°55′N, 36°45′E

69°55′N, 38°30′E and

69°20′N, 38°30′E.

Russian Notice 47/7223(T)/01

(HH. 306/410/03)

[08/02]

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2001/02. Weekly Edition No. 8, Dated 21st February, 2002.

Last Amendment: Weekly Edition No. 7, dated 14th February, 2002.

0640-2	-- Berth 203. Ro Ro Linkspan. E end	50 54.2 1 26.9	2 F G(vert)					
*	*	*	*	*	*	*		*
0640-21	---- W end	50 54.2 1 26.9	2 F G(vert)					
*	*	*	*	*	*	*		*
0725-8	- Royal Clarence Yard. Entrance. No 8 (A)	50 48.1 1 07.2	Fl(2)G 5s	...	...	Pile		On trial (T) until April 2002
*	*	*	*	*	*	*		*
2810	Black Rocks Point. Bamburgh (T)	55 37.0 1 43.5	Oc(2)WRG 8s	12	W 14 R 11 G 11	White building 9		<i>ec 1, lt 1, ec 1, lt 5.</i> G122°-165°(43°), W165°-175°(10°), R175°-191°(16°), W191°-238°(47°), R238°-275°(37°), W275°-289°(14°), G289°-300°(11°). Shown 24 hours
	*		*		*	*		*
3855-51	--- Head	60 08.1 1 17.0	Fl(3)R 8s	4	3	Grey metal pole		
		*	*					
3942	- Ornsay. Off N end (N)	57 09.1 5 46.5	Fl R 6s	8	4	White clad metal framework tower on stone column 8		<i>fl 0.5. Synchronized Fl W 6s 8m</i> 5M shown from top of scaffold tower at N and S corners (T) 2002
								*
4413-6	- Strone (A)	56 07.7 4 49.2	Fl G 3s	3	3	Green metal post		<i>fl 0.3.</i> Destroyed (T) 2002
								*
6413-5	- Spoil Ground	52 08.1 10 16.5	2 F G(vert)	5	2		5	
								*

Volume B, 2001/02. Weekly Edition No. 8, Dated 21st February, 2002.

Last Amendment: Weekly Edition No. 7, dated 14th February, 2002.

0236	- NIEUW NEUZENPOLDER. Ldg Lts 125°. Front	51 21.0 3 47.3	Oc W 5s	6	9	White □ on white mast, black bands 4		<i>ec 1. Intens (13M) 117°-133°(16°)</i>
					*			
4062	- Straumsund. Straumøytangen	60 35.4 4 51.6	Iso WRG 2s	8	W 6 R 4 G 4	White lantern		G044°-048°(4°), W048°-049°(1°), R049°-199°(150°), W199°-230°(31°), G230°-275°(45°)
		*			*			*

V

Volume B *continued.*

4106	Geitingen. W side	60 34·7 4 47·4	Iso WRG 6s	16	W 8 R 5 G 5	White lantern on tripod	R353·5°-024°(30·5°), W024°-035°(11°), G035°-045°(10°), W045°-075°(30°), R075°-174·5°(99·5°), G174·5°-224°(49·5°), R224°-271°(47°), W271°-273·5°(2·5°), G273·5°-286°(12·5°)
		*			*	*	*
4114	Sæløy. SW side. Nautnes. Ldg Lts 066°. Front	60 37·5 4 47·7	Oc W 6s	9	...	White lantern	Vis 061°-071°(10°). Intens on leading line
		*			*		*
4114·1	---- Rear. 190m from front	60 37·5 4 47·9	Oc W 6s	20	...	White lantern on wooden structure	Vis 061°-071°(10°). Intens on leading line
		*			*		*
4118	Storholmens. W side. Laksholmsund	60 38·0 4 47·2	Iso WRG 6s	8	W 6 R 4 G 4	White lantern	G319°-351°(32°), R351°-166°(175°), W166°-168°(2°), G168°-186°(18°).
		*					*
4122	Svellingen	60 39·3 4 47·2	Iso WRG 2s	9	...	White lantern on wooden structure	R006°-082·5°(76·5°), W082·5°-087°(4·5°), G087°-164°(77°)
		*			*		*
4128	Nordøyni. N point	60 43·2 4 43·5	Oc(3)WRG 10s	11	W 11 R 10 G 9	White lantern	G037°-047·5°(10·5°), W047·5°-087·5°(40°), R087·5°-136·5°(49°), W136·5°-148·5°(12°), G148·5°-199°(50·5°), W199°-290°(91°)
		*			*		*
4150	- Moldøyosen. Karigeita	60 47·3 4 41·7	Iso WRG 4s	2	...	White lantern	R124°-136·5°(12·5°), W136·5°-141°(4·5°), G141°-257°(116°), W257°-261°(4°), R261°-288°(27°), G288°-030°(102°), R030°-039°(9°)
		*			*		*
4154	Grisholmens. SE point. Grisholmsundet	60 47·7 4 42·2	Iso WRG 2s	5	...	White lantern on concrete column	G146·5°-170°(23·5°), W170°-176·5°(6·5°), R176·5°-210°(33·5°), W210°-214·5°(4·5°), G214·5°-233°(18·5°), W233°-257°(24°), R257°-071·5°(174·5°), G071·5°-078°(6·5°)
					*		*
4170	Marøy. NW side. Onglesundet	60 42·8 4 51·9	Oc(2)WRG 8s	14	W 10 R 8 G 8	White lantern	R335°-356°(21°), W356°-021°(25°), G021°-062·5°(41·5°), R062·5°-107°(44·5°), W107°-113°(6°), G113°-247·5°(134·5°), W247·5°-250°(2·5°), R250°-270°(20°)
		*			*		*

V

Volume B *continued*.

4228	Senuksen. NW point	60 47:2 4 47:9	Iso WRG 4s	15	W 7 R 5 G 5	White lantern, stone base	R229°-291°(62°), G291°-300°(9°), R300°-346°(46°), G346°-354°(8°), W354°-119°(125°), R119°-171°(52°), G171°-221°(50°), W221°-229°(8°)
		*				*	*
4230	Store Brattholmens. E side. Rongevær	60 48:3 4 47:7	Iso WRG 6s	5	...	White lantern	G162°-171:5°(9:5°), R171:5°-004°(192:5°), W004°-010°(6°), G010°-027°(17°)
		*				*	*
4232	Lamholmens. E side. Rongeværsund	60 49:4 4 47:6	Iso WRG 4s	9	...	White lantern	R133°-151°(18°), W151°-173°(22°), G173°-358:5°(185:5°), R358:5°-020°(21:5°)
		*				*	*
4234	Rongevær. Teistholmen	60 48:9 4 46:5	Iso WRG 2s	7	...	White lantern on wooden structure	R253:5°-265:5°(12°), W265:5°-287°(21:5°), G287°-028:5°(101:5°),W028:5°-072°(43:5°), R072°-090°(18°), W090°-092°(2°), G092°-109°(17°)
		*				*	*
4236	Vetegjøgraskjeret	60 49:1 4 45:2	Iso WRG 6s	12	...	White lantern on tripod	R002:5°-084°(81:5°), W084°-087:5°(3:5°), G087:5°-104:5°(17°), W104:5°-107°(2:5°), R107°-119°(12°), W119°-124:5°(5:5°), G124:5°-155°(30:5°), W155°-176°(21°), R176°-190:5°(14:5°), W190:5°-193°(2:5°), G193°-203°(10°), W203°-222°(19°), R222°-312°(90°), G312°-340°(28°), W340°-002:5°(22:5°)
	*	*				*	*
4237	- Grimeskjæret	60 50:9 4 45:2	Fl WRG 5s	15	W 12 R 10 G 10	Lantern	G203°-267°(64°), W267°-275°(8°), R275°-320°(45°), G320°-010°(50°), W010°-032°(22°), R032°-090°(58°), W090°-103°(13°), G103°-128°(25°), W128°-136°(8°), R136°-203°(67°). Racon
	*	*		*	*	*	*
4241:5	- Hillesøyflua	60 51:3 4 51:2	Fl R 3s	8	8	Lantern on tripod	For continuation of Fjensfjorden see B4247
		*				*	*

V

Volume B *continued.*

4243-6	-- Ærholmen	60 52·5 4 51·8	Iso WRG 2s	4	W 5 R 4 G 3	White lantern, concrete base	R323°-333°(10°), G333°-008°(35°), G(unintens) 008°-115°(107°), G115°-147°(32°), W147°-152°(5°), R152°-157°(5°)
		*			*		*
4252	- Byrknesøy. SE point. Vikingneset	60 51·3 4 56·0	Oc(2)WRG 8s	13	W 10 R 8 G 8	White lantern, stone base	G143°-204·5°(61·5°), W204·5°-206·5°(2°), R206·5°-216°(9·5°), W216°-268·5°(52·5°), G268·5°-289°(20·5°), R289°-297·5°(8·5°), W297·5°-303°(5·5°), G303°-324°(21°), W324°-005°(41°), R005°-073°(68°), G073°-078°(5°), W078°-082·5°(4·5°), R082·5°-098°(15·5°)
		*			*		*
4256	- Halsvikklubben	60 49·9 5 05·8	Oc(3)WRG 10s	23	W 10 R 8 G 8	White lantern	G306°-316°(10°), W316°-321·5°(5·5°), R321·5°-326°(4·5°), G326°-008°(42°), W008°-016·5°(8·5°), R016·5°-086·5°(70°), G086·5°-095·5°(9°), W095·5°-103°(7·5°), R103°-180·5°(77·5°), G180·5°-208°(27·5°)
		*		*	*		*
4264	-- Kråka	60 43·4 5 20·9	Iso WRG 6s	18	W 8 R 5 G 5	White lantern	G107°-122°(15°), W122°-128·5°(6·5°), R128·5°-132·5°(4°), G132·5°-166°(33·5°), R166°-217°(51°), W217°-226°(9°), G226°-295°(69°), W295°-304°(9°), R304°-324·5°(20·5°), W324·5°-334°(9·5°), G334°-348°(14°), W348°-353°(5°), R353°-010°(17°)
		*			*		*
4280	- Grytenes	60 52·8 4 57·9	Iso WRG 6s	6	...	White lantern	R shore-008°, W008°-028°(20°), G028°-039°(11°), W039°-057°(18°), R057°-171°(114°), W171°-173°(2°), G173°-shore
	*	*		*	*		*

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2738-1	- Port of Police. Jetty. S end	53 33·5 14 35·4	F G	7	3	Red mast	Reserve light below. TE 2002
							*
2738-2	-- Jetty. N end	55 33·8 14 35·4	F G	7	3	Green mast	Reserve light below. TE 2002
							*

V

Volume C *continued.*

3021·2	-- SE corner	54 32·0 18 33·2	Q Y	...	...	...	Works in progress (T) 2001
*	*	*	*	*	*	*	*
3022·2	<i>Remove from List</i>						
3837·1	--- Rear. 210m from front	59 27·4 24 42·0	Iso R 6s	38	6	White ◇, red stripe, on metal framework tower 35	Vis on leading line only. Synchronized with front light
							*
3840·81	-- Rear. 407m from front	59 28·0 24 49·5	Iso R 4s	31	5	White square tower on building 28	Vis on leading line only
		*					
3938·5	-- Ldg Lts 039°. Front	59 50·2 27 11·5	Q W	6	1	White △ on red framework beacon 5	Occas
*	*	*	*	*	*	*	*
3938·51	--- Rear. 55m from front	59 50·2 27 11·5	Iso W 2s	7	1	White ▽ on red framework beacon 10	Occas
*	*	*	*	*	*	*	*
4374	Kaijakari	61 36·8 21 22·1	Fl(2)W 20s	24	9	White lantern on metal framework tower	<i>fl 0·5, ec 2, fl 0·5, ec 17</i>
		*		*	*		*
4804	Ldg Lts 024°. Saksa. Front	60 25·1 22 08·2	Q WRG	5	3	Red □, yellow stripe	G220°-248°(28°), W248°-250°(2°), R250°-279°(29°), W279°-031°(112°). Ra refl
	*	*		*	*		*
4804·1	- Anna. Ruissalo. Rear. 530m from front	60 25·3 22 08·5	LFl W 6s	13	5	Red □, yellow stripe 12	<i>fl 2. Vis 008·5°-040·5°(32°)</i>
							*
4805·4	Kalkkiniemi	60 25·4 22 10·3	Oc WRG 3s	7	7	White lantern	<i>ec 1. G011°-074·5°(63·5°), W074·5°-077·5°(3°), R077·5°-145·5°(68°)</i>
							*
4824	- Tupalahti	60 27·4 22 03·6	Oc WRG 2·5s	3	6	White hut, red band	<i>ec 1. W050°-102°(52°), G271°-301·5°(30·5°), W301·5°-305·5°(4°), R305·5°-318°(12·5°), G318°-326°(8°), W326°-345°(19°), R345°-050°(65°)</i>
							*
7572	<i>Remove from List</i>						
7572·1	<i>Remove from List</i>						

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0815·8	- Approaches. Pointe Sainte-Barbe. Westwards	48 17·0 4 34·8	VQ(9)W 10s	...	...	Σ on yellow beacon, black band	
*	*	*	*	*	*	*	*

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Volume D *continued.*

1893·1	--- Rear. 356m from front	42 11·7 F G 8 47·7	18	4 Black ◇ on post, white stripes 16	TE 2002 *
1895	- Outer breakwater. Head	42 15·7 Fl R 5s 8 46·7 *	8	3 Red round tower 6	<i>fl 0·5, ec 4·5</i> *
1895·4	- Inner Jetty. Head	42 15·7 Fl(2+1)R 15s 8 46·9 *	8	1 White square tower, red bands 7 * *	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5, fl 0·5, ec 7·5</i> *
1895·5	- Passenger Jetty. Head	42 15·8 Fl G 4s 8 47·0	...	1 Green △ on green beacon *	<i>fl 0·5</i> *
1901·6	- El Con. Pier. Head	42 16·3 Fl(4)R 11s 8 44·2 *	9	5 Red round masonry tower 7 * *	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4·5.</i> TE 2002 *
1902	- Puerto de Moaña. Breakwater. Head	42 16·5 Fl(3)R 9s 8 44·1 *	7	5 Red metal column, white bands 6 *	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i> *
1902·6	- Puerto de Meira. Breakwater. Head	42 16·9 Fl(2)R 7s 8 43·2 *	5	5 Masonry tower 4 *	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i> *
1904·6	- Puerto de Domayo. Mole. Head	42 17·0 Fl R 5s 8 41·0 *	4	5 White tower, red bands * *	<i>fl 0·5. Vis 074°-341°(267°)</i> *
1906	Ensenada de San Simón. Muelle de Cesantes. Head	42 17·7 F G 8 37·1	7	5 Aluminium column 7 *	
1906·5	- San Adrián de Cobres. Wharf. Head	42 18·2 Fl(4)R 11s 8 39·4	...	5 Red column *	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4·5</i>
1913	- Commercial Wharf. Head	42 07·3 Q R 8 50·6	6	1 Red tower	
*	*	* *	*	* *	*
1914	- Pier. Head	42 08·5 Fl(3)R 9s 8 49·5 *	10	5 Red masonry tower 7	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i> *
1920·5	- Breakwater. Head	41 54·0 Fl(2)R 7s 8 52·9 *	11	5 Red truncated conical tower 3	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i> *

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Volume D *continued.*

1921	- Mole. Head	41 54·1 8 52·7	Fl(2)G 7s	11	5	Green truncated conical tower 3	<i>fl 0·5, fl 1·5, fl 0·5, ec 4·5</i>
			*				*
1924	Rio Minho. Camposancos. Mole. Head	41 53·4 8 50·9	Fl R 4s	6	5	Red round masonry tower 6	<i>fl 1. TE 2002</i>
							*
2059·3	- Triângulo. S	40 38·7 8 44·0	Fl R 4s	4	8	White round tower, red band 4	<i>fl 1. TE 2002</i>
							*
2154	<i>Remove from List</i>						
2154·1	<i>Remove from List</i>						
2324	<i>Remove from List</i>						
2324·05	-- Dir Lt	37 08·6 6 50·7	Dir WRG	...	8		
*	*	*	*	*	*	*	*
2324·1	<i>Remove from List</i>						

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0065·7	-- E Head	36 42·1 4 25·1	Fl R 5s	...	5	Red truncated pyramidal tower 5	<i>fl 0·5. Ra refl</i>
							*
0253	- PUERTO DE LA SABINA. Dique de Abrigo. Head	38 44·2 1 25·2	Fl(3)G 9s	11	3	Green $\triangle$ on column on white tower 8	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i>
			*				*
0253·2	-- Fishing Harbour. Jetty. Head	38 44·1 1 25·2	Fl(3)R 9s	5	1	Red round tower 3	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i>
			*				*
0264	- PUERTO DE IBIZA. Islote Botafoch. Summit	38 54·3 1 27·3	Oc WR 7s	31	7	White tower and dwelling, grey lantern and cupola 16	<i>ec 2. R034°-045°(11°) over Islotes Malvins and Esponja, W045°-034°(349°), obscured over Lladós N and S by Isla Grossa</i>
----		...	Siren(2) 10s	...	...	...	<i>bl 2, si 2, bl 2, si 4</i>
			*				
0286	- Isla Mitjana	39 35·2 2 20·6	Q(9)W 15s	10	3	Yellow beacon, black band 5	<i>(fl 0·3, ec 0·7) x 8, fl 0·3, ec 6·7</i>
							*
0306·55	--- Dolphin	39 50·2 3 08·3	Fl(2)G 6s	4	5	Green post 2	<i>fl 1, ec 1, fl 1, ec 3. Synchronized with E0306·56</i>
					*		

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Volume E *continued*.

0306-56	----	39 50-2 3 08-3	Fl(2)G 6s	4	5	Green post 2	<i>fl 1, ec 1, fl 1, ec 3.</i> Synchronized with E0306-55
					*		
0328-55	<i>Remove from List</i>						
0328-6	<i>Remove from List</i>						
0393-6	- Altafulla Beach. Breakwater	41 07-8 1 22-2	Q(6)+LF1 W 15s	5	5	∇ on black beacon, yellow top 4	<i>(fl 0-5, ec 0-5) x 6, fl 2, ec 7</i> *
0434-59	- New Entrance. Breakwater. N Head	41 22-2 2 11-5	Q(3)W 10s	6	5	⊕ on black post, yellow band	<i>(fl 0-3, ec 0-7) x 2, fl 0-3, ec 7-7</i> *
1216	- MOLO DUCA DI GALLIERA. Spur. NE corner	44 23-8 8 55-0	Fl(3)R 7s	10	7	Red column on pedestal 5	<i>(fl 0-5, ec 1) x 2, fl 0-5, ec 3-5.</i> Private. Obscured from seaward. TE; replaced by buoy Fl R 4s (T) 2001 *
2056	--	35 59-4 14 19-8	Fl R 5s	6	2		
*	*	*	*	*	*	*	*
2988	-- Mole. Head	44 45-3 14 46-1	Fl G 1-5s	7	4	Green tower with column and gallery 6	
			*		*		*
6660	- Jetée du Large. Head	35 56-1 0 04-2	Fl(4)WR 12s	17	W 13 R 10	White round tower 10	R197°-234°(37°), W234°-197°(323°) *
6669	- Jetée Abri. NE head	35 51-6 0 17-4	Oc G 4s	9	9	White column 8	<i>ec 1</i> *
6670	- Jetée du Large. Near head	35 50-9 0 17-4	Q(4)W 6s	15	12	White tripod tower 14	<i>(fl 0-5, ec 0-5) x 3, fl 0-5, ec 2-5</i> *
6678	- Jetée du Large . Head	35 43-2 0 37-5	Fl(2+1)W 15s	21	22	White pylon on hut 15	
	---	...	Horn 60s				*
6679	- Êpi du Large	35 43-1 0 37-6	Iso G 4s	8	7	Black column 7	*
6679-4	- Traverse du Large	35 43-0 0 37-5	Iso R 4s	9	8	Red column 8	*

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Volume E *continued*.

6682	- Spur opposite Môle Millerand	35 42·8 0 38·3	Oc(3)G 12s	9	6	Black column 7	(<i>ec 1·5, lt 1·5</i>) $\times$ 2, <i>ec 1·5, lt 4·5</i> . Vis 213°-123°(270°)
							*
6708	Cap Falcon	35 46·3 0 47·9	Fl(4)W 25s	104	31	White 8-sided stone tower, with dwelling 27	(<i>fl 0·2, ec 2·9</i>) $\times$ 3, <i>fl 0·2, ec 15·5</i> . F R lights on radio masts 5·2M S
							*
6722	- N Jetty. Head	35 06·3 1 52·2	Oc R 4s	17	8	Red metal column 15	<i>ec 1. TE 2001</i>
							*
6722·2	-- Spur	35 06·3 1 51·9	F R	8	6	Red metal column 6	Vis 262°-097°(195°). TE 2001
							*

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1386	- Pulau Jemur	2 53·0 100 34·0	Fl W 5s	46	18	White metal framework tower 24	<i>fl 1</i>
							*
1750	<i>Remove from List</i>						
2232	- Talikud Island (PCG)	6 54·6 125 41·3	Fl W 5s	...	10	Round concrete tower 10	Vis 313°-151°(198°). TE 2001
							*
2235·7	- Sigaboy (PCG)	6 37·8 126 04·0	Fl(4)W 10s	...	...	...	TE 2001
							*
2244	- Caut Point (PCG)	9 18·4 126 12·3	Fl W 5s	11	9	White concrete tower 10	Vis 157°-001°(204°)
							*
2247·2	-- Dapa	9 44·7 126 02·6	Fl W 5s	9	6	Concrete tower 9	TE 2001
							*
2252	- Sumilon Island (PCG)	9 55·0 125 26·5	Fl W 15s	...	...	...	TE 2001
							*
2261·7	-- Medina (PCG)	8 54·6 125 01·3	Fl G 5s	...	7		
							*
2282	- DAPITAN BAY. Tagolo Point (PCG)	8 43·7 123 22·7	Fl W 5s	33	15	White concrete house 8	Vis 002°-265°(263°)
							*

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Volume F *continued.*

2292	Jintotolo (PCG)	11 50.5 123 07.2	Fl(3)W 5s	57	20	Grey square stone tower and dwelling 16	
			*				
2293	- Pulanduta (PCG)	11 54.4 123 09.8	Fl W 5s				
			*				
2296	Tanguingui Islet (PCG)	11 29.3 123 43.5	Fl R 5s	39	15	Black metal tower, white lantern and concrete dwelling, white roof 34	
			*		*		
2503	Burias Island. Punta Aguja (PCG)	12 41.8 123 23.0	Fl W 5s				*
			*				
2607	Malajibomanoc Islet (PCG)	13 37.7 120 57.8	Fl(3)W 15s	13	10	White concrete tower 10	Vis 133°-088°(315°)
			*				*
2642.4	- Pamarawan	14 45.5 120 48.9	Fl(2)W 8s	10			*
		*					
2643	- San Nicolas Shoals (PCG)	14 26.3 120 45.8	Fl R 5s	11	7		*
2677	- Botolan (PCG)	15 14.1 120 00.6	Fl(3)W 15s				*
2688	Cape Bolinao. Piedra Point (PCG)	16 18.5 119 47.1	Fl W 5s	89	22	White tower 27	<i>fl 0-21.</i> Vis 017°-215°(198°)
			*				
POLILLO STRAIT							
2743	- Maligaya	14 57.9 121 33.9	Fl W 5s	...	15		
*	*	*	*	*	*	*	*
2747.7	- Buguitay	14 57.2 122 03.7	Fl W 5s				
*	*	*	*	*	*	*	*
2772	Canimo Island. NW end (PCG)	14 07.8 123 03.1	Fl W 5s	42	18	White concrete tower 8	Vis 341°-264°(283°)
			*				*
2778.5	Gata (PCG)	13 54.8 123 48.8	Fl W 5s				*
			*				

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Volume F *continued.*

2779	Coloncogong (PCG)	13 43·5 123 58·6	Fl W 5s					*	*
2782	- Tabugoc (PCG)	14 03·5 124 14·0	Fl(2)W 5s					*	*
2800	San Miguel Island. (PCG)	13 24·3 123 45·8	Fl(2)G 4s						*
2819·5	Sabtang Island. (PCG)	20 17·2 121 52·0	Fl W 5s	...	12	...			TE 2001
2822·5	- Basco (PCG)	20 27·1 121 57·8	Fl R 4s	...	7	...			TE 2001
2986	-	12 39·9 101 08·7	Fl W 3s	10	16				
	*	*							
2986·1	- Ldg Lts 345°30'. Front. No 18	12 40·0 101 08·7	Iso G 6s	27					
	*	*	*	*	*				
2986·11	-- Rear	12 41·2 101 08·6	Q G	53					
*	*	*	*	*	*	*			*
3716·71	Xiaochang Shan	30 10·0 122 06·8	Fl W 3s	26	9	White stone tower 4			fl 0·5
*	*	*	*	*	*	*			*
3716·723	Liangmao Shan (Longwanggong)	30 07·1 122 09·6	Fl(2)W 6s	15	9	White stone tower 4			fl 0·5, ec 1, fl 0·5, ec 4
*	*	*	*	*	*	*			*
4260	- Biyangdo Hang. E Breakwater	33 24·1 126 14·0	Fl(2)R 6s	7	6	Red metal post 5			
*	*	*	*	*	*	*			*
4265·4	- Gonae Hang. Breakwater	33 27·9 126 20·4	Fl(2)R 6s	7	6	Red round metal tower 5			
*	*	*	*	*	*	*			*
4269·29	- Jocheon Hang. Breakwater	33 32·3 126 38·1	Fl(2)G 6s	9	6	White round metal tower 8			
*	*	*	*	*	*	*			*
4320·4	- E Breakwater. Head	34 55·2 128 04·2	Fl(2)R 6s	11	7	Red round concrete tower 10			
	*		*		*	*			

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Volume F *continued.*

4320-42	- W Breakwater. South	34 55-3 128 04-0	Fl(2)G 6s	10	7	White round concrete tower 10	
*	*	*	*	*	*	*	*
4320-43	-- North	34 55-4 128 04-0	Fl(4)Y 8s	7	7	Yellow metal post 4	
*	*	*	*	*	*	*	*
4763	-- Hedo Misaki	26 52-1 128 14-9	Fl W 6s	70	14	White round concrete tower 11	
	*	*			*		
4793	-- Shimama Saki	30 27-7 130 51-1	Iso W 8s	16	13	White round concrete tower 11	
			*				
5110-4	<i>Remove from List</i>						
5129-2	- Nakata Kō. Breakwater. Head	32 20-0 130 09-6	Fl G 5s	12	3	White square metal framework tower 8	
			*	*	*		
5154-6	Kamitsuura Kō. N Breakwater. Head	32 29-3 130 17-6	Fl G 3s	13	2	White tower 10	
	*			*	*		
5351	- Shimonoeseki Ku. Hanano-machi Breakwater. Head	33 56-9 130 56-0	Fl R 5s	9	2	Red tower 8	
			*		*		
5353	- Shimonoseki Ku	33 57-3 130 56-7	Fl R 4s	7	5		
			*		*		
6531	- Breakwater	38 23-9 141 15-9	Fl(2)R 6s	12	4	Red tower 10	R and G lights on jetties 0-8M NNE
				*	*		
6570-8	- Ishihama Ko. Breakwater	38 54-6 141 39-0	Fl(2)G 6s	9	3		
*	*	*	*	*	*	*	*
6577	- Rikuzen Osawa Ko. Breakwater	38 57-9 141 38-2	Fl G 3s	7	3		
*	*	*	*	*	*	*	*
6774	- IDEMITSU HOKKAIDO SEA BERTH	42 36-3 141 38-7	Mo(U)W 14s	31	11	...	Ra refl
	--	...	Siren Mo(U) 30s				
	*		*				
7349-15	- Detached breakwater. S end	34 53-7 132 03-4	Fl(2)G 6s	13	2	White round concrete tower 10	
				*	*		

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Volume F *continued.*

9522	- TAPIS OILFIELD, Marine Terminal Tapis A	5 32·1 105 01·6	Mo(U)W 15s	17	2	...	Numerous installations out to 48M, some marked by lights and fog signals, exist in this field
	---	...	Horn 30s				
	*						
9522·55	- BELIDA GASFIELD (I)	4 07·9 105 07·6	Mo(U)W	25	11	Platform	Other structures, some lit, exist in this field
	*						
9522·57	- TEMBANG GASFIELD, Hang Tuah	4 09·0 105 23·5	Lit	...	...	Platform	
*	*	*	*	*	*	*	*
9531	<i>Remove from List</i>						
9531·1	- LAWIT A	6 33·1 103 21·3	Lit	...	...	Platform	Racon
*	*	*	*	*	*	*	*
9531·2	- JERNEH, AC/AP	6 34·3 103 44·4	Lit	...	...	Platform	Racon
*	*	*	*	*	*	*	*
9532	<i>Remove from List</i>						
9532·1	- LARUT A	6 24·6 104 34·1	Lit	...	...	Platform	
*	*	*	*	*	*	*	*

Volume G, 2001/02. Weekly Edition No. 8, Dated 21st February, 2002.

Last Amendment: Weekly Edition No. 7, dated 14th February, 2002.

0119	Ponta Pecem	3 33·0 38 49·1	AlFl WWR 30s	75	W 26	Square metal tower with red and white bands	(W fl 1, ec 9) x 2, R fl 1, ec 9
					R 21	30	
		*					
1447·37	-	54 14·6 70 12·9	Fl W 10s	34	10	White metal pillar, red band	fl 0·5. Vis 124°-336°(212°)
		*				4	
1736·5	-- Eastwards	39 53·6 73 23·0	Fl G 3s	3	2		
*	*	*	*	*	*	*	*
1741·1	- Isla Guacamayo. No 19	39 51·6 73 17·6	Fl G 10s	5	2		
*	*	*	*	*	*	*	*
1742	- Confluence of Ríos Cau-Cau and Río Cruces	39 47·0 73 15·8	Fl G 10s	5	2	□ on green metal column, red bands	fl 1
			*	*		2	
1885	--	32 44·9 71 29·5	Dir F WRG	9	2	White metal post, orange stripe	R342°-352°(10°), W352°-357°(5°), G357°-007°(10°)
						10	*

V

Volume G *continued.*

3968	Point Arguello	34 34·6 Fl W 15s 120 38·9	30	9 Mast	20	
	- 290m W	... Horn(2) 20s	...	...	...	<i>bl 2, si 2, bl 2, si 14.</i> Sounded continuously
	*	*	*	*	*	*
4823·3	<i>Remove from List</i>					
4851·4	- Breakwater. A	47 43·9 Fl R 4s 122 39·0	6	... On piling		Private
	*					
4851·6	- Breakwater. B	47 43·8 Fl Y 10s 122 38·9	6	... On piling		Private
	*					
4851·8	- Breakwater. C	47 43·9 Fl Y 10s 122 38·8	6	... On piling		Private
	*					
5148	- BLAINE. Entrance	48 59·6 Fl W 6s 122 47·0	8	9 Black and white chequered ◇ on framework tower		Vis 024°-294°(270°)
				*		

Volume J, 2001/02. Weekly Edition No. 8, Dated 21st February, 2002.
Last Amendment: Weekly Edition No. 7, dated 14th February, 2002.

4043·5	Galveston Terminal Dock	29 18·7 2 Fl R 6s 94 48·4	6	... On dock		Private
*	*	*	*	*	*	*
4213·41	- Port Aransas rock. Groin.	27 50·5 Fl W 2·5s 97 05·0	2	... On pile		Private
*	*	*	*	*	*	*
5657·7	- Gailsbay. Jetty. Head	18 04·9 Fl(3)WRG 12s 63 05·4	10	W 8 Metal post R 6 G 6		
	*			*		
5705·2	--- Spur. Head	15 59·1 Fl(2)G 6s 61 42·8	...	... Green pylon		
						*
5712	-- Head	16 05·4 Fl(2)WRG 6s 61 46·1	11	W 8 White tower R 7 G 7	11	<i>fl 1, ec 1, fl 1, ec 3.</i> R050°-064°(14°), W064°-081°(17°), G081°-115°(34°)
		*		*		*
5732	<i>Remove from List</i>					
5733	-- Port de Plaisance. Dique Est. Head	16 15·2 Fl R 2·5s 61 15·6	4	2 White pylon, red top 3		TE 2002
						*

V

Volume J *continued.*

5743	- Port de Bananier. Jetty. Head	16 00·3 61 35·6	Fl R 2·5s	6	4	Red △ on white pylon, red top	
			*				
5745	- Terre de Haut. NW of Petite Anse	15 52·1 61 35·1	Fl(2)G 6s	7	3	Green □ on green beacon	<i>fl 1, ec 1, fl 1, ec 3. Ra refl</i>
*	*	*	*	*	*	*	*

Volume K, 2002/03. Weekly Edition No. 8, Dated 21st February, 2002.

Last Amendment: Weekly Edition No. 7, dated 14th February, 2002.

1964·3	-- No 7	33 05·1 137 58·7	Q G	6	9	Green △ on beacon	
							*
1965	-- No 13	33 06·0 137 59·4	Q G	...	...	Green △ on beacon	
							*
2707·7	<i>Remove from List</i>						
2707·8	-- Flat Rock Point	33 32·9 151 13·9	Fl R 3s	8	4	Pile	<i>fl 1. R and G lights on Hawkesbury rail bridge 0·8M NNW</i>
	*	*	*	*	*		*
3666	-- Ldg Lts 177° 32'. Front	42 13·2 145 13·0	F Bu				
*	*	*	*	*	*	*	*
3666·1	--- Rear. 100m from front	42 13·2 145 13·0	F Bu				
*	*	*	*	*	*	*	*
3667	-- Ldg Lts 322° 11'	42 12·9 145 12·8	F Bu				
*	*	*	*	*	*	*	*
3667·1	--- Rear. 90m from front	42 12·9 145 12·8	F Bu				
*	*	*	*	*	*	*	*
3673·3	- Sophia Point. 0·42M SW	42 15·4 145 21·5	Q(9)W 15s	...	...	∇ on yellow beacon, black band	
*	*	*	*	*	*	*	*

Volume L, 2002/03. NEW EDITION. Weekly Edition No. 8, Dated 21st February, 2002.

NOTE: These are the first amendments issued for the New Edition.

1130	Møyslatten. S side	63 10·2 7 51·5	Iso WRG 6s	21	W 6 R 4 G 4	Small hut	R247°-255°(8°), W255°-257°(2°), G257°-033°(136°), W033°-037°(4°), R037°-049°(12°), W049°-071°(22°), G071°-080°(9°). Shown 21/7-16/5
					*		*

VI

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 8 dated 21 February 2002

VOLUME 1, 2001/02—PART 2

Published Wk 31/01

(Last Amendments: Weekly Edition No. 6 dated 7 February 2002)

Page 124, **INDONESIA (Irian Jaya), Jayapura (PNK)**, delete station and replace by:

Jayapura (PNK) [2211] 2°31'S 140°43'E

TELEPHONE: +62 967 541 530 / 630 / 730

FAX: +62 967 542 563

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. GMDSS

Digital Selective Calling (DSC):

MMSI 005250007

Distress and Safety

Sea Areas: A1: Ch 70

A2: 2187.5

A3/A4: 4, 6, 8, 12 & 16 MHz

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189.5	0300–0400 0600–0800 2200–0100
8436.5	8415	0100–0200 0400–0500 0800–1000 1200–1300
12657	12577.5	0200–0300 0500–0600 1000–1200 1300–1400

2. RT (MF)

2182	2182	H24
3180	2080	

3. RT (HF)

4125	4125	0000–0100 0400–0500 0800–0900 ¹
4357 (401)	4065	
6215	6215	0700–1200 2200–0300 ²
6224	6224	
6510 (604)	6209	
8291	8291	0100–0200 0400–0600 0900–1000 2000–0000 ³
8800 (828)	8276	0100–0300 0400–0600 0700–0800 1000–1100
12290	12290	
13110 (1212)	12263	0000–0100 0300–0400 0600–0700 0900–1000 ⁴
16420	16420	
17269 (1610)	16387	

(1) Sun and Public Holidays: 0200–0230

(2) Sun and Public Holidays: 0700–1000 2300–0000

(3) Sun and Public Holidays: 0000–0200 0700–0800 0900–1000

(4) Sun and Public Holidays: 0200–0300 0800–0900

Continued on next column

4. VHF

Ch 16	Ch 16
Ch 20 26	Ch 20 26

H24¹

(1) Sun and Public Holidays: 0000–0300 0700–1000

5. Telex [2211]

2174.5	2174.5	0000–0200 1200–1400
4177.5	4177.5	0200–0400 1400–1600
6268	6268	0400–0600 1600–1800
6317 (606)	6265.5	0600–0800 2200–0100
8376.5	8376.5	0600–8000 1800–2000
12520	12520	0800–1000 2000–2200
12588 (1218)	12485.5	0100–0400 0800–1000 1200–1300
16695	16695	1000–1200 2200–0000
16812 (1611)	16686.5	0400–0600 1000–1200 1300–1400

6. WT (MF)

465		
500	500	H24 ¹

(1) Sun and Public Holidays: 0000–0300 0700–1000

TRAFFIC LISTS: 465 kHz: 0000 2200

7. WT (HF)

8694	8 MHz (3 9)	0000–0100 0300–0500 ¹
12682.5	12 MHz (3 9)	0100–0200 0530–0700 0900–1000 ²
17074.4	16 MHz (3 9)	0045–0100 0200–0300 0315–0330 0700–0900

(1) Sun and Public Holidays: 0000–0100 0700–0900

(2) Sun and Public Holidays: 0100–0200 0900–1000

TRAFFIC LISTS: 8694 kHz: 0000 0300
12682.5 kHz: 0100 0530 0900
17074.4 kHz: 0200 0700

8/02

Pages 124 and 125, **Sorong (PKY4)**, delete station and replace by:**Sorong (PKY4) [2215]**

0°53'S 131°16'E

TELEPHONE: +62 951 25507

TELEX: +73 77111

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. GMDSS

Digital Selective Calling (DSC):

MMSI 005250011

Distress and Safety

Sea Areas: A1: Ch 70

A2: 2187.5

A3/A4: 8 MHz

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189.5	0000–0100 0900–1100
8436.5	8415	0500–0900

Continued on next page

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2. RT (MF)

2182	2182	2300–1500
3180	2080	

3. RT (HF)

6215	6215	0200–0300 0800–0900 1100–1300 2300–2330
6227	6227	
6501	(601) 6200	
8291	8291	0900–1000 2330–0000
8800	(828) 8276	

4. VHF

Ch 16	Ch 16	2300–1500
Ch 10 20 22 26	Ch 10 20 22 26	

5. Telex [2215]

2174-5	2174-5	2300–1500
6317	6265	0100–0500
8376-5	8376-5	2300–1500

6. WT (MF)

458		
500	500	2300–1500

TRAFFIC LISTS: 458 kHz: 0000 2300

7. WT (HF)

6337	6 MHz (9)	0500–0600
8461	8 MHz (9)	0000–0100 0400–0500
12970-5	12 MHz (3 9)	0100–0200

TRAFFIC LISTS: 8461 kHz: 0000 0400

8/02

Pages 125 and 126, **INDONESIA (Jawa), Jakarta (PKX) [2200]**, delete station and replace by:

Jakarta (PKX) [2200]

6°07'S 106°51'E

TELEPHONE: +62 21 8812 018 / 287

+62 21 493746 / 492444

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. GMDSS

Digital Selective Calling (DSC):
Distress and Safety

MMSI 005250000

Sea Areas: A1: Ch 70

A2: 2187-5

A3/A4: 4, 6, 8, 12 & 16 MHz

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189-5	H24
4219-5	4208	H24
6331	6312-5	H24
8436-5	8415	H24
12657	12577-5	H24
16903	16805	H24
22444	22374-5	H24

2. RT (MF)

2182	2182	H24
2690	2090	

TRAFFIC LISTS: 2690 kHz: 0005 0405 0805 1205 1605 2005

Continued on next column

3. RT (HF)

4125	4125	H24
4402	(416) 4110	
6215	6215	H24
6224	6224	
6501	(601) 6200	
8291	8291	H24
8752	(812) 8228	
12290	12290	
13104	(1210) 12257	
16420	16420	
17269	(1610) 16387	
22795	(2234) 22099	

4. VHF

Ch 16	Ch 16	H24
Ch 20 22 25 26 27 28	Ch 20 22 25 26 27 28	

5. Telex [2200]

2174-5	2174-5	H24
4177-5	4177-5	H24
6268	6268	H24
6319	(610) 6267-5	0200–0400 0700–0800
8376-5	8376-5	H24
8428	(824) 8388	0400–0500 0800–0900
12520	12520	H24
12595	(1232) 12492-5	0500–0600 0800–0900
16695	16695	H24
16819-5	(1627) 16696-5	0600–0700 0900–1000

6. WT (MF)

470		
500	500	H24

TRAFFIC LISTS: 470 kHz: 0018 0418 0818 1218 1618 2018

7. WT (HF)

8542	8 MHz (3 9)	0030-0400 0830-1200 1630-2000
12970-5	12 MHz (3 9)	0230-0600 1000-1400 1800-2200
17239-7	16 MHz (3 9)	0400-0800 1200-1600 2000-0000
22575-5	22 MHz (3 9)	0600-1000 1400-1800 2200-0200

TRAFFIC LISTS: 8542 kHz: 0030 0830 1630

12970-5 kHz: 0230 1000 1800

17239-7 kHz: 0400 1200 2000

22575-5 kHz: 0000 0600 1400 2200

8/02

Pages 126 and 127, **Semarang (PKR)**, delete station and replace by:

Semarang (PKR) [2212]

6°59'S 110°21'E

TELEPHONE: +62 24 661084

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. GMDSS

Digital Selective Calling (DSC):
Distress and Safety

MMSI 005250008

Sea Areas: A1: Ch 70

A2: 2187-5

A3/A4: 8 MHz

For full details and location of antenna sites see ALRS Volume 5

Continued on next page

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Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189-5	0000-0100 0400-0500 0700-0800
8436-5	8415	0000-0100 0400-0500 0700-0800

2. RT (MF)

2182	2182	H24
3180	2080	

3. RT (HF)

6215	6215	H24
6510 (604)	6209	
8291	8291	H24
8800 (828)	8276	

4. VHF

Ch 16	Ch 16	H24
Ch 12 14 20 26	Ch 12 14 20 26	

5. Telex [2212]

2174-5	2174-5	H24
6316 (604)	6264-5	0400-0500 1100-1200
8376-5	8376-5	H24
8419-5 (807)	8379-5	0200-0300 0700-0800

6. WT (MF)

456		
500	500	H24

TRAFFIC LISTS: 456 kHz: 0000

7. WT (HF)

6337	6 MHz (9)	0200-0300 1000-1100
8461	8 MHz (9)	0100-0200 0500-0600 0900-1000 1300-1400
12912	12 MHz (9)	0400-0500 1400-1500

TRAFFIC LISTS: 8461 kHz: 0100 0500 0900 1300

8/02

Page 127, **Surabaya (PKD) [2201]**, delete station and replace by:

Surabaya (PKD) [2201]

7°13'S 112°44'E

TELEPHONE: +62 31 3291964

TELEX: +73 31389

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. GMDSS

Digital Selective Calling (DSC):

MMSI 005250001

Distress and Safety

Sea Areas: A1: Ch 70

A2: 2187-5

A3/A4: 4, 6, 8, 12 & 16 MHz

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189-5	H24
8436-5	8415	H24
12657	12577-5	H24

2. RT (MF)

2182	2182	H24
2690	2090	

Continued on next column

3. RT (HF)

4125	4125	H24
6215	6215	H24
6504 (602)	6203	
8291	8291	H24
8794 (826)	8270	
12290	12290	
13110 (1212)	12263	
16420	16420	

4. VHF

Ch 16	Ch 16	H24
Ch 20 22 26 28	Ch 20 22 26 28	

5. Telex [2201]

2174-5	2174-5	H24
4177-5	4177-5	H24
6268	6268	H24
6316 (604)	6264-5	0000-0200 0700-1100
8376-5	8376-5	H24
8418 (804)	8378	0000-0200 0700-1100
12520	12520	H24
12580 (1202)	12477-5	0200-0700
16695	16695	H24
16810 (1607)	16686-5	1100-0000

6. WT (MF)

430		
500	500	H24

TRAFFIC LISTS: 430 kHz: 0300 1000 1300 1600 2000 2300

7. WT (HF)

8461	8 MHz (3 9)	0200-0330 0730-0900
12704-5	12 MHz (3 9)	0000-0100 1100-1200
17239-7	16 MHz (3 9)	0100-0200 0930-1030

TRAFFIC LISTS: 8461 kHz: 0200 0730
12704-5 kHz: 0000 1100
17239-7 kHz: 0100 0930

8/02

Page 128, **INDONESIA (Kalimantan), Balikpapan**, delete station and replace by:

Balikpapan (PKN) [2213]

1°16'S 116°09'E

TELEPHONE: +62 542 21096 / 35333

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. GMDSS

Digital Selective Calling (DSC)

MMSI 005250009

Distress and Safety

Sea Areas: A1: Ch 70

A2: 2187-5

A3/A4: 8 MHz

For full details and location of antenna sites see ALRS Volume 5

Public correspondence

Transmits	Receives	Hours of Watch
2177	2189-5	0000-0600
8436-5	8415	0600-1200

2. RT (MF)

2182	2182	H24
2690	2090	

Continued on next page

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3. RT (HF)				6337	6 MHz (9)	0600–0700
4125		4125		8457	8 MHz (9)	0200–0300 0500–0600
4357	(401)	4065	0200–0230			0900–1000
6215		6215	H24	12690	12 MHz (9)	0000–0100 0300–0400
6510	(604)	6209				0700–0800 1300–1400
8291		8291	1200–0000	TRAFFIC LISTS: 8457 kHz: 0200 0500 0530 0900		
8746	(810)	8222		8/02		
4. VHF				Pages 129 and 130, INDONESIA (Sulawesi), Bitung (PKM) , delete station and replace by:		
16 20 26		16 20 26		Bitung (PKM) [2209]		1°27'N 125°11'E
5. Telex [2213]				TELEPHONE: +62 438 21268		
2174-5		2174-5	0200–0300 0800–0900	NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination		
6318-5		6267	0000–0100 0400–0500	1. GMDSS		
8376-5		8376-5	0600–0700 1000–1100	Digital Selective Calling (DSC)		
8427		8387	0000–0100 0500–0600	Distress and Safety		
6. WT (MF)				MMSI 005250005		
448				Sea Areas: A1: Ch 70		
500		500	H24	A2: 2187-5		
TRAFFIC LISTS: 448 kHz: 0000 0400 0800				A3/A4: 4, 6, 8, 12 & 16 MHz		
7. WT (HF)				For full details and location of antenna sites see ALRS Volume 5		
6499 9		6 MHz (3 9)	0000–0100 0600–0700	Public Correspondence		
8705 4		8 MHz (3 9)	0200–0300 0400–0500	Transmits	Receives	Hours of Watch
			0800–0900 1100–1200	2177	2189-5	H24
12715		12 MHz (3 9)	0500–0600 1200–1300	8436-5	8415	
TRAFFIC LISTS: 8705-4 kHz: 0200 0400 0800 1100				12657	12577-5	H24
8/02				2. RT (MF)		
Page 128, Banjarmasin (PKG) , delete station and replace by:				2182	2182	H24
Banjarmasin (PKG)				2690	2090	
		3°21'S 114°38'E		TRAFFIC LISTS: 2690 kHz: 0200 0600 1000 1400 1800 2200		
TELEPHONE: +62 511 68454				3. RT (HF)		
FAX: +62 511 54732				4125	4125	0000–0100 0800–0900
NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination				4408	(418) 4116	
1. RT (MF)				6215	6215	H24
Transmits	Receives	Hours of Watch		6510	(604) 6209	
2182	2182	0000–1600		8291	8291	0200–0330 0600–0800
3180	2080					1100–1300
2. RT (HF)				8806	(830) 8282	
4125		4125	0130–0200	12290	12290	
4387	(411) 4095			13104	(1210) 12257	
6215		6215	0000–1600	16420	16420	
6504	(602) 6203			17269	17269	
6510	(604) 6209			4. VHF		
8291		8291	0300–0400 0600–0700	Ch 16	Ch 16	H24
			0800–0900	Ch 20 26	Ch 20 26	
8764	(816) 8240			5. Telex [2209]		
13110	(1212) 12263		0700–0800	2174-5	2174-5	On request
3. VHF				4177-5	4177-5	On request
Ch 16	Ch 16	0000–1600		6268-5	6268-5	On request
Ch 20 22 26	Ch 20 22 26			6315	(602) 6263-5	0000–0200 0800–1000
4. WT (MF)				8376-5	8376-5	On request
456				8423	(814) 8383	0200–0430 1030–1300
500	500	0000–1600		12520	12520	On request
TRAFFIC LISTS: 456 kHz: 0100 0500 1000				12582	(1206) 12479-5	0400–0600 1200–1430
5. WT (HF)				16695	16695	On request
4238	4 MHz (9)	0100–0200 0400–0500		16821	(1630) 16698	0600–0800 1400–1600
		1100–1330		Continued on next page		
Continued on next column						

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6. WT (MF)

438		
500	500	H24

TRAFFIC LISTS: 438 kHz: 0000 0400 0800 1200 1600 2000

7. WT (HF)

6428.5	6 MHz (3 9)	0600-0700
8694	8 MHz (3 9)	0100-0200 0500-0600 0900-1000
12704.5	12 MHz (3 9)	0100-0130 1000-1030

TRAFFIC LISTS: 6428.5 kHz: 0600
8694 kHz: 0100 0500 0900

8/02

Page 130, **Makassar (PKF) [2203]**, delete station and replace by:

Makassar (PKF) [2203]

5°07'S 119°26'E

TELEPHONE: +62 411 319282 / 322886 / 320980

TELEX: +73 71154

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination.

1. GMDSS

Digital Selective Calling (DSC):
Distress and Safety

MMSI 005250002

Sea Areas: A1: Ch 70

A2: 2187.5

A3/A4: 4, 6, 8, 12 & 16 MHz

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189.5	H24
8436.5	8415	H24
12657	12577.5	H24

2. RT (MF)

Transmits	Receives	Hours of Watch
2182	2182	H24
2690	2090	

3. RT (HF)

4125	4125	0000-0100
4396 (414)	4104	0700-0800
6215	6215	H24
6510 (604)	6209	
8291	8291	0200-0300 0800-0900
8800 (828)	8276	
12290	12290	
13077 (1201)	12230	
16420	16420	

4. VHF

Ch 16	Ch 16	H24
Ch 20 26	Ch 20 26	

5. Telex [2203]

2174.5	2174.5	0000-0100
4177.5	4177.5	0930-1030
6268	6268	0100-0200
6320	6289	0900-1000
8376.5 (801)	8376.5	1400-1600
8419.5 (807)	8379.5	0800-0900
8421 (810)	8381	0300-0400
12520	12520	0500-0700
12584.5 (1211)	12482	1100-1200
16816	16692.5	1200-1300

Continued on next column

6. WT (MF)

465		
500	500	H24

TRAFFIC LISTS: 465 kHz: 0130 0530 0930 1330 1730 2130

7. WT (HF)

4295	4 MHz (3)	0200-0300 0900-1000
8686	8 MHz (3 9)	0100-0130 0400-0430 0630-0730 1030-1100 1200-1230
12682.5	12 MHz (3 9)	0430-0530 1000-1030 1230-1300

TRAFFIC LISTS: 8686 kHz: 0100 0400 0630 1030 1200
12682.5 kHz: 0430 1000 1230

8/02

Page 132, **INDONESIA (Sumatera), Dumai (PKP)**, delete station and replace by:

Dumai (PKP) [2208]

1°41'N 101°27'E

TELEPHONE: +62 765 31221 / 31382 / 31429

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. GMDSS

Digital Selective Calling (DSC):
Distress and Safety

MMSI 005250004

Sea Areas: A1: Ch 70

A2: 2187.5

A3/A4: 4, 6, 8, 12 & 16 MHz

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189.5	0200-0400
8436.5	8415	0600-0800
12657	12577.5	1000-1200

2. RT (MF)

2182	2182	H24
3180	2080	

3. RT (HF)

4215	4215	0000-0200 0800-1000 1600-1800
4357 (401)	4065	
6215	6215	0100-0500 0600-1100 1200-1600
6510 (604)	6209	
8291	8291	0200-0400 1000-1200
8764 (816)	8240	
12290	12290	
13101 (1209)	12254	
16420	16420	

4. VHF

Ch 16	Ch 16	H24
Ch 20 22 26 28	Ch 20 22 26 28	

5. Telex [2208]

2174.5	2174.5	0000-0100 0700-0800 1200-1300
4177.5	4177.5	0200-0300 0900-1000
6268	6268	0100-0200 0800-0900 1300-1400
6318	6318	0000-0200

Continued on next page

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6376-5	6376-5	0300-0400 1000-1100
8414	8377	0400-0600
12520	12520	0400-0500 1100-1200
12580	12577	0800-1000
16695	16695	0600-0700
16814	(1615) 16690-5	1200-1400

6. WT (MF)

448		
500	500	H24

TRAFFIC LISTS: 448 kHz: every H+00

7. WT (HF)

6337	6 MHz (3 9)	0100-0500 0600-0900 1200-1330
8457	8 MHz (3 9)	0100-0200 0600-0700 1000-1100 1300-1400
12682 5	12 MHz (3 9)	0230-0330 0700-0800
17184 8	16 MHz (3 9)	0500-0600 0900-1000

TRAFFIC LISTS: 8457 kHz: 0100 0600 1000 1300
12682-5 kHz: 0230 0700
17184-8 kHz: 0500 0900

8/02

Page 133, **Sabang (PKA)**, delete station and replace by:

Sabang (PKA)

5°54'N 95°21'E

TELEPHONE: +62 652 21303

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination

1. RT (MF)

Transmits	Receives	Hours of Watch
2182	2182	See table
3180	2080	

HOURS OF WATCH: 2182 kHz: 0100-0200 0500-0600 0900-1000 1400-1500
1600-1700¹

(1) Sun and Public Holidays: 0130-0230 0500-0530

2. RT (HF)

6215	6215	0200-0230 1030-1100
4387 (411)	4095	
6215	6215	0300-0400 0600-0800 1200-1300 1500-1600
6513 (605)	6212	
8291	8291	0230-0300 1100-1130
8794 (826)	8270	

3. VHF

Ch 16	Ch 16	0100-0700 0800-1500 ¹
Ch 20 22 26 28	Ch 20 22 26 28	

(1) Sun and Public Holidays: 0100-0530

4. WT (MF)

438		
500	500	See table

HOURS OF WATCH: 500 kHz: 0100-0300 0400-0600 0800-1000 1200-1400
1500-1600¹

(1) Sun and Public Holidays: 0100-0200 0400-0500

TRAFFIC LISTS: 474 kHz: 0000 0100 0400 0800 1200 1500

5. WT (HF)

8686	8 MHz (3 9)	0130-0200 1000-1330 1330-1400 ¹
17184-8	16 MHz (3 9)	

Continued on next column

(1) Sun and Public Holidays: 0200-0230

TRAFFIC LISTS: 8686 kHz: 0130 1330
17184-8 kHz: 0230 1030 1400

8/02

Pages 134 and 135, **INDONESIA (Timor), Kupang (PKK)**, delete station and replace by:

Kupang (PKK) [2214]

10°13'S 123°37'E

TELEPHONE: +62 391 21090

NOTE: Accepts radiomaritime letters (SLT) from vessels to all offices in Indonesia, which are forwarded by telegraph to their destination.

1. GMDSS

Digital Selective Calling (DSC):

MMSI 005250010

Distress and Safety

Sea Areas: A1: Ch 70

A2: 2187-5

A3/A4: 8 MHz

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189-5	H24
8436-5	8415	H24

2. RT (MF)

2182	2182	H24
2690	2090	

TRAFFIC LISTS: 2690 kHz: 0000 0400

3. RT (HF)

6215	6215	0600-1100 1200-1400 2200-0400
6510 (604)	6209	
8291	8291	0100-0300 0700-1000 2300-0000
8794 (826)	8270	

TRAFFIC LISTS: 6510 kHz: 0030 0630 1230

4. Telex [2214]

2174-5	2174-5	0100-0200 0600-0700
6318 (608)	6266-5	0200-0300 0700-0800
8376-5	8376-5	0400-0500 0900-1000
8417 (802)	8377	0300-0400 0800-0900

5. VHF

Ch 16	Ch 16	H24
Ch 20 22 26 28	Ch 20 22 26 28	

6. WT (MF)

430		
500	500	H24

TRAFFIC LISTS: 430 kHz: 0000 0400

7. WT (HF)

8445	8 MHz (9)	0000-0100 0400-0500 1000-1100
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TRAFFIC LISTS: 8445 kHz: 0030 0430 1030

ITU List of Coast Stations, Supplement No 3, 2001 8/02

VOLUME 2, 2002/03

Published Wk 6/02

*(Last Amendments: Weekly Edition No. 7 dated 14 February 2002)***RADAR BEACONS***Page 138, KOREA, SOUTH, insert station:*

Hwado Lt Racon 33°43'65N 126°21'60E **82625**
(3 & 10 cm) 10 n miles **K**

Korean Notice 2/16/02 (HH557/435/06 – E13) 8/02

VOLUME 6, 2001/02—PART 4

Published Wk 41/01

*(Last Amendments: Weekly Edition No. 5 dated 31 January 2002)**Page 92, CHINA, SHANTOU***Pilots and Port**, PROCEDURE, delete section (4) and replace by:

(4) Pilot boards at the Quarantine Anchorage (23°17'N 116°48'E).

Chinese Chart 15111 8/02

*Page 159, JAPAN, before MISUMI, Kyūshū entry, insert new entry:***MINAMATA, Kyūshū** 32°12'N 130°23'E**Pilots and Port**

TELEPHONE: Port: +81(0)96 663 2449

FREQUENCY: Ch 16

PROCEDURE:

- (1) Pilotage is not compulsory but is available 0600–2000 if required.
- (2) Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 24h prior to arrival.
- (3) Pilot boards in position 32°11'N 130°05'E (approximately 1 n mile S of To Shima Lt).

Minamata Website and UKHO Chart 2401 8/02

*Page 171, JAPAN, before Kurushima Kaikyō entry, insert new entries:***Kudamatsu** 34°00'N 131°51'E**Pilots and Port**

CALL: Tokuyama–Kudamatsu Port Radio

TELEPHONE: Port: +81(0)83 421 1787

FAX: Port: +81(0)83 432 5090

FREQUENCY: Tokuyama–Kudamatsu Port Radio: Ch 16; 11 12 18

PROCEDURE:

- (1) Pilotage is not compulsory but is available if required (Pilots are not available from sunset to sunrise).
- (2) Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 24h prior to arrival.
- (3) Requests for pilots should be made through the agent 24h in advance.
- (4) Pilot boards at the Quarantine Anchorage.

Tokuyama–Kudamatsu Website and UKHO Chart 3153 8/02

*Continued on next column***Kure**

34°14'N 132°32'E

Pilots and Port

TELEPHONE: Port: +81(0)82 325 3333 & 3336

FAX: Port: +81(0)82 321 8849

FREQUENCY: Ch 16; 12

PROCEDURE:

- (1) Pilotage is not compulsory but is available if required (Harbour pilots are not available from sunset to sunrise).
- (2) Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 24h prior to arrival.
- (3) Requests for pilots should be made through the agent 24h in advance.
- (4) Harbour Pilot boards at the Quarantine Anchorage (34°13'75N 132°31'00E).

Kure Website 8/02

*Page 173, JAPAN, before Ōita, Kyūshū entry, insert new entry:***Mizushima**

34°30'N 133°45'E

Pilots and Port

CALL: Mizushima Port Radio

TELEPHONE: Port: +81(0)86 444 7141

FREQUENCY: Ch 16; 11 12 14

PROCEDURE:

- (1) Pilotage is compulsory for vessels over 10,000 GT (Seto Naikai). Harbour Pilot is not available from sunset to sunrise.
- (2) Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 24h prior to arrival.
- (3) Requests for pilots should be made through the agent 24h in advance.
- (4) Harbour Pilot boards at the Quarantine Anchorage (34°26'5N 133°44'5E).

Mizushima Website 8/02

*Page 179, JAPAN, before Yo Shima entry, insert new entry:***Tokuyama**

34°03'N 131°48'E

Pilots and Port

CALL: Tokuyama Ho–An or Tokuyama–Kudamatsu Port Radio

TELEPHONE: Port: +81(0)83 421 1787

FREQUENCY: Tokuyama Ho–An: Ch 16; 12

Tokuyama–Kudamatsu Port Radio: Ch 16; 11 12 18

PROCEDURE:

- (1) Pilotage is not compulsory but is available if required (Pilots are not available from sunset to sunrise).
- (2) Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 24h prior to arrival.
- (3) Requests for pilots should be made through the agent 24h in advance.
- (4) Pilot boards in the vicinity of No 2 Lt buoy (33°57'7N 131°44'7E).

Tokuyama–Kudamatsu Website and UKHO Chart 3153 8/02

*Page 187, JAPAN, before TOMAKOMAI, Hokkaidō entry, insert new entry:***SUSAKI KŌ**

33°23'N 133°17'E

Pilots and Port

CALL: Suzaki Ho–An

TELEPHONE: Pilots: +81(0)88 833 4150

Port: +81(0)88 823 1111

FAX: Port: +81(0)88 825 2537

FREQUENCY: Ch 16; 12

Continued on next page

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PROCEDURE:

- (1) Pilotage is not compulsory but is advisable.
- (2) Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 24h prior to arrival.
- (3) Pilot boards in position 33°19'56N 133°18'38E.

UKHO Chart 995 and Susaki Port Website 8/02

Page 188, **JAPAN**, after **WAKKANAI, Hokkaido** entry, insert new entry:

YATSUSHIRO, Kyūshū 32°30'N 130°36'E

Pilots and Port

TELEPHONE: Port: +81(0)96 537 0338

FREQUENCY: Ch 16

PROCEDURE:

- (1) Pilotage is not compulsory. Bay Pilots are available 0600–2200 if required. Harbour pilots are available from sunrise to sunset.
- (2) Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 4h prior to arrival.
- (3) Bay Pilot boards in position 32°11'N 130°05'E (approximately 1 n mile S of To Shima Lt). Harbour Pilot boards at the Ōtsuku Shima S side Quarantine Anchorage (32°28'N 130°29'E).

Yatsushiro Website and UKHO Chart 2401 8/02

VOLUME 8, 2001/02

Published Wk 12/01

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

Page 50, **NETHERLANDS**, insert station:

Gilze–Rijen	51°37'N 4°56'E	302	200		426	100		On trial	
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Netherlands Annual Notices 2002 (HH080/060/12 – E40) 8/02

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