



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 51

27 December 2001



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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

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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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NEW ADMIRALTY CHARTS AND PUBLICATIONS

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⊙2104 INT 3661	International Chart Series, Turkey - South Coast, İskenderun to Yakacık. 36°34'·00N. — 36°46'·50N., 36°03'·90E. — 36°14'·50E. <i>One of two new charts replacing existing Chart 2187, providing improved coverage of the ports of İskenderun, İsdemir and Yakacık. (A modified reproduction of INT 3661 originally published by Turkey in 2000).</i>	1:25,000	30	42	£16·30
4762	Canada, Golfe du Saint-Laurent/Gulf of St. Lawrence. 45°15'·00N. — 50°27'·50N., 57°20'·00W. — 67°30'·00W. <i>One of a series of new charts providing improved coverage of the Gulf of Saint Lawrence, replacing existing Chart 2516. (A modified reproduction of Canadian Chart 4002 originally published by the Canadian Hydrographic Service).</i>	1:750,000	79	124	£16·30
4763	Canada, Atlantic Coast, Sydney to Saint-Pierre. 45°30'·00N. — 47°50'·00N., 55°54'·00W. — 60°29'·00W. <i>One of a series of new charts providing improved coverage of the Gulf of Saint Lawrence. (A modified reproduction of Canadian Chart 4015 originally published by the Canadian Hydrographic Service).</i>	1:350,000	78	124	£16·30
4764	Canada, Gulf of St. Lawrence, Cabot Strait and Approaches, Scatarie Island to Anticosti Island. 46°00'·00N. — 49°10'·00N., 58°22'·35W. — 61°53'·50W. <i>One of a series of new charts providing improved coverage of the Gulf of Saint Lawrence, replacing existing Chart 1134 (A modified reproduction of Canadian Chart 4022 originally published by the Canadian Hydrographic Service).</i>	1:350,000	79	124	£16·30
4766	Canada, Québec/Quebec, Golfe du Saint-Laurent/Gulf of St. Lawrence, Baie des Chaleurs/Chaleur Bay aux/to Îles de la Madeleine. 47°00'·00N. — 49°15'·15N., 61°26'·96W. — 66°05'·96W. <i>One of a series of new charts providing improved coverage of the Gulf of Saint Lawrence, replacing existing Chart 1621. (A modified reproduction of Canadian Chart 4024 originally published by the Canadian Hydrographic Service).</i>	1:350,000	79	124	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 20 December 2001

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙344	China - Zhu Jiang, Shanban Zhou to Nizhou Tou. <i>This partial new edition is limited to include changes to depths, buoyage, anchorage area and fairways.</i> <i>Note: On publication of this New Edition Former Notice 2040(P)/00 is cancelled.</i>	1:25,000	49	74	£16·30
⊙346	China - Zhu Jiang, Nizhou Tou to Huangpu. <i>Includes amendments to depths, anchorage areas and coastline throughout.</i>	1:25,000	49	74	£16·30
⊙1753 INT 1661	International Chart Series, Northern Ireland - East Coast, Belfast Lough. Ⓐ Belfast Docks. Ⓑ Bangor Bay. <i>Includes amendments to coastline, depths, lights, buoyage and beacons in Victoria Channel and Belfast Docks from recent Port Authority surveys.</i> <i>Note: On publication of this New Edition Former Notice 108(P)/01 is cancelled.</i>	1:37,500 1:12,500 1:17,500	3	22	£16·30
⊙3490 INT 1643	International Chart Series, England - West Coast, Port of Liverpool. Panel Ⓐ. Panel Ⓑ. <i>Includes changes to depths from the latest Mersey Docks and Harbour Company surveys.</i>	1:15,000 1:15,000 1:15,000	3	22	£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 ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 27 December 2001

Chart	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙894	Denmark - Kattegat, Ålborg Bugt. 56°28'46N. — 57°04'46N., 10°14'92E. — 11°00'42E. <i>Additional to existing chart cover providing larger scale coverage of Ålborg Bugt, including the eastern approaches to Limfjorden. The chart is referred to WGS 84 datum. (A modified reproduction of Danish Chart 122).</i>	1:75,000	10	28	£16.30
⊙958 INT 1336	International Chart Series, Baltic Sea - Sweden and Denmark, Bornholmsgat. 54°54'00N. — 55°28'00N., 13°47'00E. — 15°15'00E. Ⓐ Christiansø. 55°18'98N. — 55°19'96N., 15°10'11E. — 15°11'91E. Ⓑ Rønne. 55°05'43N. — 55°06'42N., 14°40'56E. — 14°42'04E. Ⓒ Nexø. 55°03'37N. — 55°03'96N., 15°07'99E. — 15°08'60E. <i>Additional to existing cover providing larger scale coverage of Bornholmsgat, Bornholm and adjacent islands. The chart is referred to WGS 84 datum. (A modified reproduction of INT 1336 originally published by Denmark).</i>	1:100,000 1:10,000 1:12,500 1:8,000	10	30, 32	£16.30
⊙2341 INT 1364	International Chart Series, Baltic Sea - Germany, Kieler Förde, Outer Part. 54°23'35N. — 54°30'35N., 10°08'90E. — 10°17'50E. Ⓐ Strande. 54°25'62N. — 54°26'23N., 10°09'95E. — 10°10'50E. Ⓑ Laboe. 54°23'97N. — 54°24'29N., 10°12'72E. — 10°13'27E. <i>Additional to existing chart cover providing larger scale coverage of Kieler Förde. The chart is referred to WGS 84 datum. (A modified reproduction of INT 1364 originally published by Germany).</i>	1:12,500 1:6,000 1:6,000	10	30	£16.30

Admiralty Publications

NP No.	Title and other remarks	Date	UK(RRP)*	Remarks
NP 152	Fisherman's Pilot - Ireland and Irish Sea.	Dec 2001	£29.95	NP 152 is the third in the series of the Fisherman's Pilots which provide authoritative navigational guidance and specific information to the industry. This publication satisfies UK legislation under the provisions of the Merchant Shipping (Carriage of Nautical Publications) Regulations.

*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 27 December 2001

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙745	South Pacific Ocean, Fiji, Kadavu to Suva Harbour. <i>Includes changes to depths and beacons from the latest Fiji Government Charts.</i> <i>Note: This chart remains affected by Former Notice 2968(T)/01.</i>	1:150,000	70	102	£16·30
⊙1200 INT 1556	International Chart Series, England - East Coast, The Wash Ports. Ⓐ Boston. Ⓑ Approaches to Boston. Ⓒ Continuation of the River Nene. Ⓓ Continuation of the River Nene to Wisbech. Ⓔ Lynn Cut continued. Ⓕ King's Lynn. <i>This new edition includes details of a new approach channel into Kings Lynn using the latest Kings Lynn Conservancy Board information. Depths have been amended from the latest surveys.</i> <i>Note: On publication of this New Edition Former Notices 3537(P)/01 and 463(P)9/01 are cancelled. This chart remains affected by Former Notices 283(T)/00 and 3784(T)/00.</i>	1:37,500 1:10,000 1:20,000 1:50,000 1:50,000 1:37,500 1:10,000	7	22	£16·30
⊙1456	Cameroun, Port de Douala and Approaches. Ⓐ Baie Ambas, Limbe. Ⓑ Port de Douala. Ⓒ Rivière Bimbia, Ova Pool to Tiko Port. <i>Includes changes to depths in Port de Douala from French Government Charts and general updating throughout.</i> <i>Note: On publication of this New Edition Former Notice 3629(P)/01 is cancelled.</i>	1:100,000 1:25,000 1:25,000 1:10,000	34	50	£16·30
⊙1689	North Atlantic Ocean, Ports in the Arquipélago da Madeira. Ⓐ Ilha da Madeira, Baía do Funchal and Praia Formosa. Ⓑ Porto do Funchal. Ⓒ Ilha do Porto Santo, Baía do Porto Santo. Ⓓ Porto do Porto Santo. <i>The plans of Porto do Porto Santo and Baía do Porto Santo have been completely revised, from the latest Portuguese Government Charts.</i> <i>Note: On publication of this New Edition Former Notice 3627(P)/01 is cancelled. This chart remains affected by Former Notice 1519(P)/01.</i>	1:15,000 1:7,500 1:20,000 1:7,500	20	48	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 27 December 2001 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙1957	North Atlantic Ocean, Harbours in the Arquipélago dos Açores (Central Group).		19	48	£16·30
	Canal do Faial.	1:37,500			
	Ilha Graciosa, Vila da Praia.	1:12,500			
	Ilha Terceira, Praia da Vitória.	1:12,500			
	Ilha Terceira, Angra do Heroísmo.	1:12,500			
	Ilha do Faial, Horta.	1:10,000			
	<i>This partial new edition is limited to amendments to coastline, harbour developments and lights.</i>				
⊙2354 INT 1362	International Chart Series, Baltic Sea - Germany, Travemünde and Approaches.	1:12,500	10	30	£16·30
	Ⓐ Travemünde.	1:8,000			
	<i>Includes amendments to depths and port developments from the latest edition of the German Government Chart.</i>				
⊙2370 INT 1355	International Chart Series, Baltic Sea - Germany, Rostock.	1:12,500	10	30	£16·30
	Ⓐ Warnemünde.	1:5,000			
	Ⓑ Marienehe Bis Stadthafen.	1:15,000			
	<i>Includes amendments to depths and coastline throughout, and port developments, from the latest edition of the German Government Chart.</i>				
⊙3285	Angola (Cabinda Enclave) and Congo, Angola Oil Terminals and Pointe-Noire, Congo.		34	50	£16·30
	Ⓐ Congo, Pointe-Noire.	1:15,000			
	Ⓑ Congo, Approaches to Pointe-Noire.	1:40,000			
	Ⓒ Angola, Cabinda Enclave, Takula and Malongo Terminals.	1:150,000			
	<i>Includes changes to depths and port facilities in Pointe-Noire. Also additions to oilfields and associated installations in the vicinity of the Takula and Malongo Terminals.</i>				
	<i>Note: On publication of this New Edition Former Notice 1840(T)/95 is cancelled.</i>				

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 24 JANUARY 2002

New Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
4736	Canada, Newfoundland/Terre-Neuve, South-east Coast/ Côte Sud-est, Motion Bay to/à Cape St Francis. 47°26'·99N. — 48°02'·78N., 52°17'·94W. — 52°53'·95W. St John's Harbour. 47°33'·19N. — 47°34'·25N., 52°39'·99W. — 52°42'·85W. Quidi Vidi Harbour. 47°34'·71N. — 47°35'·03N., 52°40'·03W. — 52°40'·73W. <i>A replacement for Chart 298. (This chart is a modified reproduction of Canadian Chart 4846, originally published by the Canadian Hydrographic Service).</i>	1:60,000 1:5,000 1:5,000	298
4782	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Pointe au Boisvert à/to Cap de la Tête au Chien. 47°50'·00N. — 48°35'·25N., 69°00'·97W. — 69°48'·97W. Les Escoumins. 48°18'·50N. — 48°21'·30N., 69°22'·47W. — 69°25'·47W. <i>A replacement for Chart 312. The chart is referred to North American Datum (1983). (This chart is a modified reproduction of Canadian Chart 1235, originally published by the Canadian Hydrographic Service).</i> <i>NOTE: The plan of Port de Gros Cacouna at present on Chart 312, will be included on New Chart 4783 to be published in due course.</i>	1:80,000 1:15,000	312

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
304 INT 1836	International Chart Series, France - West Coast, Lorient and Approaches, Gâvres to Lanester. Ⓐ Le Blavet, Lanester to Hennebont. <i>The chart is now referred to WGS 84 datum and the title has changed. (A modified reproduction of INT 1836 originally published by France).</i>	1:10,000 1:12,500	304
1166	England - West Coast, River Severn, Avonmouth to Sharpness and Hock Cliff. Ⓐ Avonmouth to Severn Bridge. 51°29'·32N. — 51°37'·83N., 2°36'·10W. — 2°44'·40W. Ⓑ Severn Bridge to Sharpness. 51°35'·82N. — 51°44'·33N., 2°25'·89W. — 2°40'·73W. Ⓒ Sharpness to Hock Cliff. 51°42'·93N. — 51°47'·26N., 2°22'·56W. — 2°30'·19W. Ⓓ Sharpness Docks. 51°42'·69N. — 51°43'·46N., 2°28'·28W. — 2°29'·34W. <i>Includes the latest depth information supplied by Gloucester Harbour Trustees and the Bristol Port Company. The limits of the plans have been revised to provide additional coverage between Sharpness and Hock Cliff. A larger scale plan of Sharpness Docks has been included.</i>	1:25,000 1:25,000 1:25,000 1:10,000	1166

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 24 JANUARY 2002

New Editions of Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
1237	Northern Ireland - East Coast, Larne Lough and Approaches. <i>Includes the latest Larne Harbour Ltd surveys.</i>	1:10,000	1237
1410 INT 1609	International Chart Series, British Isles, Saint George's Channel. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:200,000	1410 INT 1609
1484	Wales - West Coast, Plans in Cardigan Bay. Ⓐ Aberystwyth. Ⓑ Aberdovey. Ⓒ Barmouth. Ⓓ Fishguard Bay. Ⓔ New Quay. Ⓕ Aberaeron. Ⓖ Newport Bay. Ⓗ Approaches to Cardigan. Ⓙ Aberporth.	 1:18,000 1:25,000 1:25,000 1:15,000 1:12,500 1:18,000 1:37,500 1:37,500 1:30,000	1484
	<i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>		
1512	Wales - West Coast, Plans on the Llein Peninsula. Ⓐ Pwllheli. Ⓑ Saint Tudwal's Roads. Ⓒ Approaches to Porthmadog. Ⓓ Porthmadog Harbour. Ⓔ Mochras Lagoon. Ⓕ Porth Dinllaen.	 1:12,500 1:18,000 1:25,000 1:7,500 1:10,000 1:18,000	1512
	<i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>		
1772	Republic of Ireland - East Coast, Rosslare Europort and Wexford Harbours with Approaches. Rosslare Europort. <i>Includes depths from the latest Larnród Éireann Port Authority surveys.</i>	1:30,000	1772
1970	Wales - West Coast, Caernarfon Bay. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:75,000	1970

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 24 JANUARY 2002

New Editions of Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
1971	Wales - West Coast, Cardigan Bay, Northern Part. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:75,000	1971
1972	Wales - West Coast, Cardigan Bay, Central Part. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:75,000	1972
1973	Wales - West Coast, Cardigan Bay, Southern Part. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:75,000	1973
2278	Baltic Sea - Russia, Baltiysk and Kaliningrad. Ⓐ Approaches to Baltiysk. Ⓑ Kaliningradskiy Morskoy Kanal. Ⓒ Continuation of Kaliningradskiy Morskoy Kanal. Ⓓ Baltiysk. Ⓔ Kaliningrad. <i>Includes new buoyage, renumbering of buoyage in the Kaliningradskiy Morskoy Kanal and port developments.</i>	1:75,000 1:25,000 1:25,000 1:12,500 1:12,500	2278
2499 INT 1660	International Chart Series, Ireland - North Coast, Approaches to Londonderry and Coleraine. Ⓐ River Foyle to Londonderry. Ⓑ River Bann to Coleraine and Approaches. <i>Includes amendments to lights, light-beacons and bouyage in Lough Foyle and River Foyle. Also includes changes to depths between Warren Point and Moville from the latest Londonderry Port Authority surveys and amendments to the coastline at Lisahally.</i>	1:40,000 1:17,500 1:20,000	2499 INT 1660

Reproductions of Australian Government Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
Aus 315	Timor Sea, Darwin to Penguin Shoal (Western Sheet). <i>Includes general amendments throughout.</i>	1:300,000	Aus 315

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>
344	China - Zhu Jiang, Shanban Zhou to Nizhou Tou.	⊙344
346	China - Zhu Jiang, Nizhou Tou to Huangpu.	⊙346
745	South Pacific Ocean, Fiji, Kadavu to Suva Harbour.	⊙745
1134	Canada - East Coast, Gulf of Saint Lawrence, Cabot Strait and Îles de la Madeleine.	4764
1200 INT 1556	International Chart Series, England - East Coast, The Wash Ports.	⊙1200 INT 1556
1456	Africa - West Coast, Cameroun, Port de Douala and Approaches.	⊙1456
1621	Canada - East coast, Gulf of St. Lawrence, St. Paul Island to Pointe de Cloridorme.	4766
1689	North Atlantic Ocean, Ports in the Arquipélago da Madeira.	⊙1689
1753 INT 1661	International Chart Series, Northern Ireland - East Coast, Belfast Lough.	⊙1753 INT 1661
1957	North Atlantic Ocean - Portuguese Islands, Harbours in the Arquipélago dos Açores (Central Group).	⊙1957
2187	Mediterranean Sea, Plans on the South Coast of Turkey.	⊙2101 INT 3657 & ⊙2104 INT 3661
2354 INT 1362	International Chart Series, Baltic Sea, Germany, Travemünde and Approaches.	⊙2354 INT 1362
2370 INT 1355	International Chart Series, Baltic Sea, Germany, Rostock.	⊙2370 INT 1355
2516	Canada - East coast, Gulf of Saint Lawrence.	4762
3285	Africa - West Coast, Angola Oil Terminals and Pointe-Noire, Congo.	⊙3285
3490 INT 1643	International Chart Series, England - West Coast, Port of Liverpool.	⊙3490 INT 1643

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM

The following is the current list of Admiralty Charts of Great Britain that are referred to a WGS 84 compatible datum. Former Notice 4731(P)/00 refers.

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

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

⊙ denotes chart available in the ARCS series.

II

INTENTION TO WITHDRAW CHART 1936

It is proposed to withdraw Chart 1936 without replacement. This chart provides coverage of the following islands/islets in the North Pacific Ocean.

Roca Partida.
Rocas Alijos.
Isla del Coco.
Isla Malpelo.
Clipperton Island.
Clarion Island.
San Benedicto Island.
Isla Socorro (including the plan of Braithwaite Bay).
Isla Guadalupe (including the plan of Melpomene Cove).

Chart users who are likely to be inconvenienced by the withdrawal of this chart are asked to contact:

Product Manager (Charts)
United Kingdom Hydrographic Office
Admiralty Way
TAUNTON
Somerset TA1 2DN
UK

Tel: +44 (0)1823 723359
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E-mail: nigel.brown@ukho.gov.uk

II

5168 MISCELLANEOUS UPDATES TO CHARTS

<i>Chart</i>	<i>Previous Notice to Mariners</i>	<i>Details</i>
232a	4096/01	Insert reference, (<i>see Chart N 283</i>), in the following position: 49° 14'·0N., 59° 15'·0W. Insert reference, (<i>see Chart N 4763</i>), in the following position: 46° 25'·0N., 57° 40'·0W. Amend reference to read, (<i>see Chart N 4764</i>), in positions: a) 47° 21'·0N., 59° 45'·0W. b) 48° 35'·0N., 59° 45'·0W.
696	2480/01	Insert reference, <i>Adjoining Chart 2341 (see Note–POSITIONS)</i>, in N. border at longitude 10° 12'·5E. Substitute accompanying note, CHARTS 2341 and 2113: POSITIONS, for existing note, POSITIONS, centred on 54° 23'·95N., 10° 07'·20E.
744	4621/01	Substitute accompanying note, CHARTS 379, 382, 440 and 2691: POSITIONS, for existing note, POSITIONS, centred on 17° 47'·0S., 178° 29'·0E. Amend reference in position 18° 05'·2S., 178° 47'·2E. to read, 1674
746	323/95	Substitute accompanying notes, CHART 1673: POSITIONS, and CHART 2691: POSITIONS, for existing note, POSITIONS, centred on 18° 01'·0S., 177° 47'·0E.
1651	4225/01	Insert reference, <i>Adjoining Chart 4762</i>, in N. border at longitude a) 63° 30'·0W. b) 60° 30'·0W. Index of Admiralty Charts: Insert magenta limit and chart number, 4763, as follows: North: – East: – South: 45° 30'·0N. West: 60° 30'·0W. Insert magenta limit and chart number, 4764, as follows: North: – East: 58° 20'·0W. South: 46° 00'·0N. West: 61° 50'·0W. Delete existing magenta limit and chart number 1134. Delete existing magenta limit and chart number 1621.
2107 INT 1301	5077/01	Insert magenta limit and chart number, 894, as follows: North: 57° 04'·46N. East: 11° 00'·42E. South: – West: 10° 14'·92E.
2108 INT 1302	3757/01	Insert magenta limit and chart number, 894, joining the following positions: 56° 47'·50N., 10° 14'·92E. (N. border) 56° 34'·25N., 10° 14'·92E. (plan) and 56° 28'·46N., 10° 20'·25E. (plan) 56° 28'·46N., 11° 00'·42E. 56° 47'·50N., 11° 00'·42E. (N. border)
2113	4242/01	Insert magenta limit and chart number, 2341, as follows: North: 54° 30'·35N. East: 10° 17'·50E. South: 54° 23'·35N. West: 10° 08'·90E. Amend reference in position 54° 25'·10N., 10° 07'·00E. to read, 696 (<i>see Note–POSITIONS</i>).
2150	4864/01	Insert magenta limit and chart number, 958, joining the following positions: 55° 12'·70N., 13° 47'·00E. (N. border) 55° 02'·75N., 13° 47'·00E. 55° 02'·75N., 14° 28'·08E. 54° 54'·00N., 14° 28'·08E. 54° 54'·00N., 15° 15'·00E. 55° 12'·70N., 15° 15'·00E. (N. border) Delete magenta limit and associated reference, (<i>see Plan on 2360</i>), in position 55° 06'·0N., 14° 42'·0E.
2185	932/01	Insert magenta limit and chart number, 2104, as follows: North: 36° 46'·50N. East: 36° 14'·50E. South: 36° 34'·00N. West: 36° 03'·90E. Delete magenta limit and chart number, 2187 (PLAN ®), in position 36° 35'·20N., 36° 12'·80E.

II

5168 (continued)

2360	4977/01	Insert magenta limit and chart reference, 958 (<i>see Note-POSITIONS</i>), joining the following positions: 54° 58'·00N., 14° 28'·25E. (S. border) 55° 02'·75N., 14° 28'·25E. 55° 02'·75N., 13° 47'·17E. 55° 28'·00N., 13° 47'·17E. 55° 28'·00N., 14° 56'·77E. 55° 21'·20N., 14° 56'·77E. 55° 21'·20N., 15° 15'·17E. 54° 58'·00N., 15° 15'·17E. (S. border) Substitute accompanying note, CHARTS 958 and 2150: POSITIONS, for existing note, POSITIONS, centred on 55° 37'·0N., 12° 46'·5E. Delete plan Rønne. Delete magenta limit and reference, See Plan, in position 55° 06'·0N., 14° 42'·0E.
2632	4477/01	Insert magenta limit and chart number, 2101, as follows: North: 36° 49'·28N. East: 34° 43'·50E. South: 34° 44'·83N. West: 34° 35'·50E. Delete magenta limit and chart number, 2187 (PLAN A), in position 36° 43'·00N., 34° 40'·50E.
2666	1974/01	Insert magenta limit and chart number, 4762, as follows: North: — East: 57° 20'·0W. South: 45° 15'·0N. West: — Amend reference to read, (<i>For Traffic Separation Scheme see Chart 4762</i>), in the following positions: 47° 46'·0N., 60° 10'·0W. 49° 56'·0N., 59° 36'·0W. Delete magenta limit and chart number, 2516, in position 46° 42'·0N., 56° 04'·0W.
2670	4756/01	Insert magenta limit and chart number, 4762, joining the following positions: 45° 15'·0N., 58° 29'·0W. (E. border) 45° 15'·0N., 62° 20'·0W. 46° 20'·0N., 65° 20'·0W. (N. border)
2727	4225/01	Insert reference, <i>Adjoining Chart 4763</i>, in E. border at latitude 46° 25'·0N. Amend reference in N. border at longitude 60° 20'·0W. to read, <i>Adjoining Chart 4764</i>. Amend reference in W. border at latitude 47° 30'·0N. to read, <i>Adjoining Chart 4766</i>.
4765	New Chart 18/10/01	Amend reference in N. border at longitude 63° 30'·0W. to read, <i>Adjoining Chart/Carte adjacente 4766</i>. Amend reference in N. border at longitude 61° 40'·0W. to read, <i>Adjoining Chart/Carte adjacente 4764</i>. Amend reference in E. border at latitude 46° 53'·0N. to read, <i>Adjoining Chart/Carte adacente 4764</i>.
4767	New Chart 20/9/01	Amend reference in S. border at longitude 62° 55'·0W. to read, <i>Carte adjacente, Adjoining Chart 4766</i>. Amend reference in S. border at longitude 60° 45'·0W. to read, <i>Carte adjacente, Adjoining Chart 4764</i>. Substitute accompanying notes, SÉPARATION DU TRAFIC and TRAFFIC SEPARATION, for existing notes, centred on 48° 53'·0N., 63° 03'·0W.
4774	3825/01	Amend reference in S. border at longitude 63° 25'·0W. to read, <i>Carte adjacente, Adjoining Chart 4766</i>.

UK Hydrographic Office.

II

5054* IRELAND, North–East Coast — Belfast Lough — Victoria Channel — Maintained channel; Buoyage; Lights; Radio reporting points; Pilot boarding place

Insert the accompanying block, showing amendments to maintained channel, buoyage, lights, radio reporting points and pilot boarding place, centred on: 54° 41'·0N., 5° 46'·0W.

Note: Chart 2198 is to be deleted from the list of charts affected by Former Notice 108(P)/01

Chart [Last correction].— **2198** [3916/01]

Light List Vol. A, 2001/02, 5994, 5994.2, 5994.3

Admiralty List of Radio Signals Vol. 2, 2001: 53670 & Vol. 6 (1), 2001/02 (50/01)

Belfast Harbour Commissioners (HH.288/440/05).

5055* WALES, South Coast — Cardiff Docks and Approaches — Light

Insert the accompanying block A, showing amendments to light and sectors, centred on: (a) 51° 26'·6N., 3° 09'·6W.
the accompanying block B, showing amendments to light and sectors, centred on: (b) 51° 25'·7N., 3° 09'·3W.
the accompanying block, showing amendments to light and sectors, centred on: (c) (b) above

Note: **Positions** on both of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.
Former Notice 1796(P)/01 is cancelled.

Chart [Last correction].— **1182** (INT 1653) (**plan B, Cardiff Docks**) (a) & **1182** (INT 1653) (b) [4769/01] — **1176** (INT 1654) (c) [4769/01]

Light List Vol. A, 2001/02, 5441

Associated British Ports, Cardiff and Barry (HH.218/400/14).

5061* ENGLAND, East Coast — Thames Estuary — North Edinburgh Channel — Depths

Insert depth 4₇ m and extend 5m contour SW. to enclose (a) 51° 31'·62N., 1° 21'·79E.
depth 5₂ m (b) 51° 31'·56N., 1° 21'·67E.
Substitute depth 4₇ m for depth 5₁ m and extend 5m contour SW. to enclose (c) (a) above
Delete depth 4₆ m (d) close NE. of (a) above
depth 4₄ m and associated 5m contour (e) close S. of (b) above
depth 4₅ m enclosed by 5m contour (f) 51° 31'·55N., 1° 21'·79E.

Note: **Positions** on all of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **1606** (b,c,e) [4027/01] — **1607** (INT 1562) (a,b,d,e) [4026/01] — **1183** (INT 1561) (f) [4654/01]
Port of London Authority (HH.244/410/06).

5062* SHETLAND ISLANDS — Lerwick Harbour — Bressay Sound — North Ness and Holmsgarth — Light; Floating dock

Amend sectors at light, Iso.WG.4s4m5M, (chart 3272, Iso.WG) as follows: 60° 09'·570N., 1° 08'·765W.
W 216° – 301° (85°)
Delete Remaining sectors unchanged
floating dock, centred on: 60° 09'·790N., 1° 09'·420W.

Note: **Positions** on both of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **3271** [1736/01] — **3272** [2677/01]

Light List Vol. A, 2001/02, 3784

Lerwick Port Authority (HH.270/400/11).

II

5063* SCOTLAND, West Coast — Firth of Clyde — Loch Long and Loch Goil — Knap Rock to Cnap Point Northwards — Depths

Insert	depth 197 m enclosed by 20m contour	(a)	56° 5′.966N., 4° 52′.530W.
	depth 173 m	(b)	56° 4′.443N., 4° 52′.980W.
	depth 47 m enclosed by 5m contour	(c)	56° 5′.773N., 4° 52′.719W.
	depth 47 m	(d)	56° 5′.78N., 4° 52′.65W.
Substitute	depth 49m enclosed by 50m contour for depth 57m	(e)	56° 8′.163N., 4° 49′.352W.
	depth 80m for depth 88m	(f)	56° 4′.581N., 4° 52′.461W.
Delete	depth 22m	(g)	close S. of (a) above
	depth 19 ₆ m	(h)	close N. of (b) above
	depth 68 m	(i)	close S. of (c)/(d) above

Note: **Positions** on one of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **3746** (INT 1635) (**plan B, Approaches to Finnart**) (a,g) (**plan A, Upper Loch Long**) (e) & **3746** (INT 1635) (a–c,f–i) [3915/01] — **2131** (d,i) [4856/01]
HM Surveying Motor Launch *Gleaner* (HH.274/460/05).

5064* IRELAND, West Coast — Galway Bay — Barna to Peter Rock — Lights; Harbour limit; Buoyage; Legend

Insert	★ <i>Fl(2)WRG.5s6m5–8M</i>	(a)	53° 14′.93N., 9° 08′.90W.
	sectors at light, as follows:	(b)	(a) above
	<i>G</i> shore – 344.5° (94.5°)		
	<i>W</i> 344.5° – 355.5° (11°)		
	<i>R</i> 355.5° – shore (94.5°)		
	harbour limit, pecked line, joining:	(c)	53° 15′.0N., 9° 07′.0W.
		(d)	53° 13′.2N., 9° 02′.9W.(shore)
	legend, <i>Galway Harbour Company Limit</i>	(e)	along (c)–(d) above
Substitute	N. cardinal pillar light–buoy, <i>Q</i> , for N. cardinal pillar buoy	(f)	53° 14′.36N., 9° 01′.78W.
	S. cardinal pillar light–buoy, <i>Q(6)+LFl.15s</i> , for S. cardinal pillar buoy	(g)	53° 15′.15N., 9° 01′.07W.
		(h)	53° 15′.05N., 9° 04′.95W.
Amend	legend to, <i>Dredged to 3.4m (2001) (see Note)</i> , centred on:	(i)	53° 15′.73N., 9° 02′.36W.

Chart [*Last correction*].— **1903** (f,g,i) [3173/00] — **1984** (a–h) [2882/98]
Light List Vol. A, 2001/02, 6309.5
Galway Harbour Company (HH.292/440/04).

5065* ENGLAND, West Coast — Approaches to Solway Firth — Two Feet Bank — Buoy

Substitute	W. cardinal pillar light–buoy, <i>Q(9)15s Two Feet Bank</i> , for former Two Feet Bank buoy, (chart 1826, W. cardinal pillar light–buoy, <i>Q(9)15s</i> , for W. cardinal pillar buoy)	54° 42′.4N., 3° 44′.5W.
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Note: **Positions** on some of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **2013** [1809/01] — **1346** [1809/01] — **1826** (INT 1607) [4967/01]
Trinity House Notice 58/01 (HH.206/400/05).

5066* WALES, North Coast — Menai Strait — North–West Entrance — Perch Rock — Beacon tower; Lighted beacon tower

Substitute	port–hand lighted beacon tower with topmark, <i>Fl.R.5s</i> , for port–hand beacon tower with topmark, (charts 1977 & 1978, port–hand lighted beacon tower, <i>Fl.R.5s</i> (8), for beacon tower (8))	53° 18′.75N., 4° 02′.16W.
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Note: **Positions** on all of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **1464** (**upper panel**) [*New Edition* 25/10/01] — **1977** [*New Edition* 25/10/01] — **1978** [4967/01]
Light List Vol. A, 2001/02, 5141
Trinity House Notice 59/01 (HH.212/410/08).

II

5067* WALES, North Coast — Anglesey, North–West Coast — Buoyage

Substitute	starboard–hand conical light–buoy, <i>Fl.G.2-5s</i> , for starboard–hand conical buoy	(a)	53° 21′.5N., 4° 35′.3W.
	N. cardinal pillar light–buoy, <i>VQ</i> , for N. cardinal pillar buoy	(b)	53° 25′.6N., 4° 31′.4W.
		(c)	53° 26′.6N., 4° 33′.7W.
	S. cardinal pillar light–buoy, <i>Q(6)+LFl.15s</i> , for S. cardinal pillar buoy	(d)	53° 25′.9N., 4° 32′.8W.
	N. cardinal pillar light–buoy, <i>Q</i> , for N. cardinal pillar buoy	(e)	53° 26′.7N., 4° 30′.9W.
	starboard–hand conical light–buoy, <i>Fl.G.2-5s Furlong</i> , for former Furlong buoy	(f)	53° 25′.4N., 4° 30′.5W.

Note: **Positions** on some of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **1413** (*a–e*) [*New Edition 25/10/01*] — **1977** [*5066/01*] — **1411** (INT 1608) (*a,c–e*) [*4563/01*] — **1826** (INT 1607) (*a,c–e*) [*5065/01*] — **1121** (INT 1062) (*c,e*) [*4342/01*] —
Trinity House Notice 59/01 (HH.212/420/08).

5068* WALES, West Coast — Cardigan Bay — Sarn–y–Bwch — Buoy

Substitute	W. cardinal pillar light–buoy, <i>VQ(9)10s Sarn–y–Bwch</i> , for former Sarn–y–Bwch buoy, (chart 1410, W. cardinal pillar light–buoy, <i>VQ(9)10s Bwch</i> , for former Bwch buoy), (charts 1121 & 1123, W. cardinal pillar light–buoy, <i>VQ(9)10s</i> , for W. cardinal pillar buoy)	52° 34′.8N., 4° 13′.5W.
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Chart [*Last correction*].— **1971** [*4947/00*] — **1972** [*2800/01*] — **1410** (INT 1609) [*2683/01*] — **1121** (INT 1062) [*5067/01*] — **1123** [*3918/01*] —
Trinity House Notice 59/01 (HH.213/410/06).

5069* WALES, West Coast — Cardigan Bay — Cynfelyn Patches Westwards — Buoy

Substitute	W. cardinal pillar light–buoy, <i>Q(9)15s Patches</i> , for former Patches buoy, (charts 1121 & 1123, W. cardinal pillar light–buoy, <i>Q(9)15s</i> , for W. cardinal pillar buoy)	52° 25′.8N., 4° 16′.3W.
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Chart [*Last correction*].— **1972** [*5068/01*] — **1410** (INT 1609) [*5068/01*] — **1121** (INT 1062) [*5068/01*] — **1123** [*5068/01*] —
Trinity House Notice 59/01 (HH.213/420/06).

5070* ENGLAND, West Coast — Hartland Point Southwestwards — Depths

Insert	depth 147 m enclosed by 20m contour	(a)	50° 58′.0N., 4° 37′.9W.
Delete	depth 158 m enclosed by  <i>Rep</i>		close S. of (a) above

Note: **Positions** on some of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **1156** (*a*) [*New Edition 22/11/01*] — **1164** (*a*) [*New Edition 22/11/01*] — **1178** (INT 1611) (*a*) [*3562/01*] — **1123** [*5069/01*] —
NP 1008 (*mv Marine Explorer*) (HH.220/440/04).

5071* WALES, South Coast — Newport — River Usk — Powder House Point Eastwards — Light; Leading line

Delete	★ F.G.4M former leading line, pecked and firm line and associated legend, 149°	(a)	51° 33′.27N., 2° 57′.89W. extending in direction 329° from (a) above
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Note: **Positions** on the chart affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Front ★ F.G.4M of former leading line remains.

Chart [*Last correction*].— **1176** (INT 1654) (**plan, Newport**) [*5055/01*] —
Light List Vol. A, 2001/02, 5468.1
Newport Harbour Commissioners Notice 8/01 (HH.218/420/04).

II

5072* ENGLAND, West Coast — Severn Estuary — Bristol Deep Westwards — The Bridge — Depths

Insert	depth 9 ₄ m enclosed by 10m contour	51° 27'·03N., 2° 59'·60W.
	depth 9m	(a) 51° 26'·77N., 2° 59'·98W.
	depth 9 ₈ m and extend 10m contour N. to enclose with (a) above	51° 26'·65N., 3° 00'·22W.
Delete	depth 13 ₆ m	close NNE. of (a) above

Note: **Positions** on the chart affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **1176** (INT 1654) [5071/01]
Bristol Port Company (HH.218/410/03).

5073* ENGLAND, South Coast — Poole Bay — Hook Sand — Buoy

Move	South Hook buoy from:	50° 39'·82N., 1° 55'·25W.
	to:	50° 39'·757N., 1° 55'·223W.

Note: **Positions** on both of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **2611** (INT 1726) [4859/01] — **2175** [4859/01]
Poole Harbour Commissioners Notice 17/01 (HH.232/560/13).

5074* ENGLAND, South Coast — Littlehampton — West Pier — Light

Amend	light to, Q.R.7m6M, (chart 1652, Q.R.6M)	50° 47'·88N., 0° 32'·48W.
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Note: **Positions** on both of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **1991** (plan B, Littlehampton Harbour) [2090/01] — **1652** [4861/01]
Light List Vol. A, 2001/02, 0800
Littlehampton Harbour Board (HH.232/690/04).

5075* ENGLAND, South Coast — Eastbourne Eastwards — Obstruction

Insert	○ <i>Obstn</i> , least depth 10 ₉ m	50° 45'·23N., 0° 20'·09E.
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Note: **Positions** on all of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **536** (INT 1740) [4658/01] — **2450** (INT 1703) [4860/01] — **2451** (INT 1704) [4784/01] — **2656** [4878/01]
Shoreline Surveys and Trinity House (HH.232/720/09).

5076 NORWAY, West Coast — Skudeneshjorden to Førdesfjorden — Harbour limit

Insert	harbour limit, pecked line, joining:	59° 07'·72N., 5° 30'·06E. (existing limit)
		(a) 59° 06'·75N., 5° 22'·31E. (existing limit)
Delete	former harbour limit, pecked line, joining:	59° 10'·00N., 5° 32'·30E. (existing limit)
		(a) above
		(b) 59° 08'·93N., 5° 20'·83E.
		(c) 59° 13'·80N., 5° 21'·07E.

59° 14'·55N., 5° 22'·46E.
59° 15'·67N., 5° 22'·81E.
59° 15'·78N., 5° 24'·34E.
59° 16'·23N., 5° 25'·86E.
59° 17'·32N., 5° 24'·95E.
59° 17'·74N., 5° 23'·47E.
59° 20'·51N., 5° 23'·08E.
59° 21'·97N., 5° 22'·50E.
(N. border)
along (b)–(c) above

legend, Karmsund Harbour District Limit

Chart [Last correction].— **3025** [2584/01]
UK Hydrographic Office (HH.310/425/02).

II

5077 SWEDEN, West Coast — Krogstadsudde — Fog signal

Delete fog signal, Horn (occas), at light

57° 14'·3N., 12° 05'·8E.

Chart [*Last correction*].— **2107** (INT 1301) [4671/01]

Light List Vol. C, 2001/02, 0682

Swedish Notice 44/817/01 (HH.317/580/03).

5078 BALTIC SEA — Gulf of Bothnia — Sweden, East Coast — Approaches to Skelleftehamn — Skelleftebukten — Anchorage areas; Recommended anchorages

Insert circular limit of anchorage area, radius 0·25M, pecked line, centred on:

⚓ Area A

⚓ Area B

⚓

(a) 64° 40'·07N., 21° 27'·26E.

(b) 64° 38'·47N., 21° 23'·76E.

(c) within (a) above

(d) within (b) above

(e) (a) above

(f) (b) above

Chart [*Last correction*].— **57** (plan, Approaches to Skelleftehamn) (a–d) [4126/01] — **2301** (e,f) [2092/01]

Swedish Notice 45/829/01 (HH.318/625/03).

5079 BALTIC SEA — Gulf of Finland — Russia — Approaches to Sankt Peterburg — Ostrov Seskar Northeastwards — Firing practice area

Insert limit of firing practice area, pecked line, joining:

(a) 60° 07'·00N., 28° 34'·00E.

(b) 60° 10'·30N., 28° 45'·67E.

Delete former limit of firing practice area, pecked line, joining:

(a) above

60° 10'·30N., 28° 34'·00E.

(b) above

Chart [*Last correction*].— **2264** [4667/01]

Russian Notice 46/7058/01 (HH.304/580/03).

5080 NORTH SEA — Norwegian Sector — Oseberg Oil Field Southwestwards — Template

Insert ☉ Template

60° 28'·05N., 2° 39'·20E.

Chart [*Last correction*].— **294** [4248/01] — **2673** [4248/01] — **2182C** (INT 1041) [4869/01] — **2182D** (INT 1040) [4341/01]

Norwegian Notice 9/417(T)/01 (HH.314/465/01).

5081 NORTH SEA — Norwegian Sector — Oseberg Oil Field Southwards — Submarine pipeline; Submarine cable

Insert submarine pipeline joining:

(a) 60° 15'·87N., 2° 46'·55E.

(☉ Template)

(b) 60° 16'·22N., 2° 46'·63E.

(W. border)

(c) 60° 20'·00N., 2° 47'·24E.

(S. border)

(d) 60° 22'·73N., 2° 48'·12E.

(e) 60° 23'·42N., 2° 47'·82E. (☐)

(f) 60° 23'·60N., 2° 48'·65E.

(g) 60° 23'·85N., 2° 48'·88E.

(h) 60° 24'·20N., 2° 48'·67E.

(i) 60° 27'·72N., 2° 49'·15E.

(j) 60° 28'·80N., 2° 49'·43E.

(k) 60° 29'·33N., 2° 50'·20E.

(l) 60° 29'·57N., 2° 50'·37E.

(m) 60° 29'·53N., 2° 49'·68E. (☐)

submarine cable joining:

(n) (e) above

(o) (d) above

(p) 60° 16'·18N., 2° 46'·63E.

(W. border)

(q) (a) above

(r) along (h)–(j) above

(s) along (g)–(j)/(g)–(m) above

legend, Oil (see Note)

legend, Oil

Chart [*Last correction*].— **294** (a,d–o,q,r) [5080/01] — **288** (b,d–p,r) [4245/01] — **2673** (a,d,e,g,j,l,m,s) [5080/01] — **2182C** (INT 1041) (a,e,g,m,s) [5080/01] — **2182D** (INT 1040) (c,e,g,m,s) [5080/01]

Norwegian Notice 11/480/01 (HH.314/404/01).

II

5082 NORTH SEA — Norwegian Sector — East Brae Gas Field Southeastwards — Moored storage tanker; Well; Restricted area; Maritime limit; Submarine pipeline; Submarine cable

Insert	⬮ (lighted), 15/6 Petrojarl 1, (chart 2182C, ⬮ (lighted) Glitne Oil Field), (charts 2 & 4140, ⬮ (lighted) Glitne) ○ Well circular restricted area, pecked line, radius 630m (0·34M), centred on: circular maritime limit, pecked line, radius 2042m (1·1M), centred on: submarine pipeline joining: submarine cable joining: legend, Chains and Anchors (see Note) legend, Oil legend, GLITNE OIL FIELD (Statoil), centred on: <td> (a) 58° 42'·77N., 1° 40'·00E. (b) 58° 43'·97N., 1° 38'·56E. (c) (a) above (d) (a) above (e) (a) above (f) (b) above (g) (a) above (h) (b) above (i) close SE. of (d) above (j) along (e)–(f) above (k) 58° 43'·70N., 1° 46'·00E. </td>	(a) 58° 42'·77N., 1° 40'·00E. (b) 58° 43'·97N., 1° 38'·56E. (c) (a) above (d) (a) above (e) (a) above (f) (b) above (g) (a) above (h) (b) above (i) close SE. of (d) above (j) along (e)–(f) above (k) 58° 43'·70N., 1° 46'·00E.
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Note: Former Notice 2440(T)/01 is cancelled.

Chart [Last correction].— **274** [3646/01] — **291** [4869/01] — **2182C** (INT 1041) (a,b,e,f) [5081/01] — **2** (INT 160) (a) [4361/01] — **4140** (INT 140) (a) [4872/01]
 Light List Vol. A, 2001/02, 8069.5
 Norwegian Notice 14/606/01 (HH.314/462/01).

5083* NORTH SEA — U.K. Sector — Durward and Dauntless Oil Fields — Foul; Moored storage tanker; Restricted area; Maritime limit

Insert	#	(a) 57° 28'·92N., 0° 07'·59E.
Delete	⬮ (lighted) 21/11 21/16, (charts 2182B, 2182C & 4140, ⬮ (lighted)) circular limit of restricted area, radius 500m (0·27M), pecked line, centred on: circular maritime limit, pecked line and associated legend, Chains and Anchors (see Note), centred on: legend, DURWARD & DAUNTLESS OIL FIELDS (Amerada Hess), (charts 2182B & 2182C, legend, Durward & Dauntless Oil Fields), (chart 4140, legend, Durward & Dauntless)	(b) 57° 29'·82N., 0° 07'·39E. (c) (b) above (d) (b) above (e) close NE. of (b) above

Note: Former Notice 566(P)/00 is cancelled.

Chart [Last correction].— **278** [4869/01] — **2182B** (INT 1042) (b,e) [4870/01] — **2182C** (INT 1041) (b,e) [5082/01] — **4140** (INT 140) (b,e) [5082/01]
 Light List Vol. A, 2001/02, 7962.5
 Amerada Hess Limited (HH.254/597/02).

5084 GERMANY, North Sea Coast — Norderney Northwestwards — Dovetief — Depth

Insert	depth 1 ₁ m and extend 5m contour N. to enclose	53° 44'·25N., 7° 08'·39E.
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Chart [Last correction].— **3761** [4675/01]
 German Notice 46/(21)89/01 (HH.328/480/02).

5085 NETHERLANDS — Nieuwe Waterweg — Rozenburg Eastwards — Lights

Amend	designation of light 14 to, 29 designation of light 15 to, 31 designation of light 16 to, 33 designation of light 17 to, 35 designation of light 18 to, 37	51° 54'·65N., 4° 14'·87E. 51° 54'·43N., 4° 15'·42E. 51° 54'·18N., 4° 16'·04E. 51° 54'·00N., 4° 16'·47E. 51° 53'·79N., 4° 17'·23E.
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Chart [Last correction].— **132** (INT 1475) (part B, Continuation Nieuwe Waterweg Nieuwe Maas) [4877/01]
 Light List Vol. B, 2001/02, 0654.3
 Netherlands Notice 46/633/01 (HH.340/540/02).

5056 PORTUGAL, West Coast — Approaches to Lisboa — Rio Tejo — Algés Southwards — Harbour developments; Lights; Depths

Insert	the accompanying block, showing harbour developments, and amendments to lights and depths, centred on:	38° 41'·70N., 9° 13'·90W.
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Chart [Last correction].— **3221** (INT 1876) [4850/01]
 Light List Vol. D, 2001/02, 2127.3, 2127.31
 Portuguese Notice 21/394/01 (HH.363/450/03).

II

5086 FRANCE, North Coast — Approaches to Calais — Ridens de Calais — Depths

Insert depth 114 m and extend 15m contour E. to enclose (a) 50° 59'·450N., 1° 46'·590E.
 Substitute depth 114 m for depth 141 m (b) 50° 59'·40N., 1° 46'·51E.

Note: **Positions** on some of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **1351** (INT 1483) (a) [3771/01] — **323** (INT 1564) (b) [4444/01] — **1892** (INT 1741) (b) [4658/01]

French Notice 44/26/01 (HH.351/420/03).

5087 FRANCE, North Coast — Boulogne-sur-Mer Westwards — Les Ridens — Depths

Insert depth 106 m (a) 50° 44'·78N., 1° 16'·81E.
 Delete depth 133 m close E. of (a) above

Note: **Positions** on all of the charts affected by this notice are referred to a **WGS 84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [Last correction].— **1892** (INT 1741) (a) [5086/01] — **2451** (INT 1704) (a) [5075/01] — **2675** (INT 1070) [4878/01]

French Notice 44/26/01 (HH.351/420/03).

5088 FRANCE, West Coast — La Loire — Cordemais Southwards — Light

Amend light to, Fl(3)R.12s 47° 16'·46N., 1° 52'·45W.

Chart [Last correction].— **2985** (INT 1842) (panel B, Paimbœuf to Ile de Bois) [New Edition 29/11/01]

Light List Vol. D, 2001/02, 1143

French Notice 45/19/01 (HH.353/500/03).

5089 SPAIN, North Coast — Ria de Santoña — Depths; Anchorage area; Buoyage

Substitute the accompanying note, SHOAL DEPTHS for existing note, 43° 23'·92N., 3° 25'·45W.
 ENTRANCE TO RIA DE SANTOÑA, centred on:
 Insert limit of anchorage area, pecked line, joining: (a) 43° 26'·12N., 3° 27'·04W.(shore)
 (a) 43° 26'·17N., 3° 27'·24W.
 (b) 43° 26'·02N., 3° 27'·35W.
 (c) 43° 25'·87N., 3° 27'·36W.
 43° 25'·86N., 3° 27'·08W.(shore)
 Substitute special can buoy for special can light-buoy, Fl.Y (a) above
 (b) above
 (c) above

Chart [Last correction].— **1171** (plan, Ria de Santoña) [2498/01]

Spanish Chart 3942 (HH.359/460/03).

5090 SPAIN, South Coast — Pta del Gato Southwestwards — Wrecks

Insert  (a) 37° 07'·01N., 7° 08'·20W.
 (b) 37° 06'·9N., 7° 08'·3W.
 Substitute  for ++ (c) 37° 06'·83N., 7° 08'·19W.
 Delete ++ (d) 37° 07'·00N., 7° 08'·25W.

Chart [Last correction].— **89** (c) [4066/01] — **90** (a,d) [4065/01] — **92** (a) [4587/01] — **3132** (b) [3578/01]

Spanish Chart 441A (HH.360/400/03).

5091* NORTH ATLANTIC OCEAN — Bermuda — Hamilton Harbour — Long Island to Albuoy Point — Light-beacons; Beacon; Jetty; Depths

Insert green and white light-beacon, Fl.G.4s 32° 17'·208N., 64° 48'·019W.
 32° 16'·895N., 64° 48'·019W.
 red and white beacon 32° 17'·190N., 64° 48'·945W.
 ★ F.G (a) 32° 17'·389N., 64° 47'·241W.
 (b) 32° 17'·375N., 64° 47'·308W.
 jetty, single firm line, joining: 32° 17'·434N., 64° 47'·253W.
 (shore)
 (a) above
 (b) above
 Delete white light-beacon, Fl.G.4s2m3M 32° 17'·420N., 64° 47'·322W.
 depth 46 m 32° 17'·382N., 64° 47'·277W.
 depth 58 m close SE. of (b) above
 close N. of (b) above

Chart [Last correction].— **1073** [444/98]

Light List Vol. J, 2000/01, 4501, 4501.1, 4502, 4503, 4507

Department of Marine and Port Services, Bermuda (HH.686/420/02).

II

5092* NORTH ATLANTIC OCEAN — Bermuda — Great Sound and Little Sound — Long Point, Plaice's Point, Tender Pier and Grace Island Northwards and Westwards — Light-beacons; Light; Buoyage

Insert	red and white light-beacon, <i>Fl.R.2.5s</i>	32° 17'·815N., 64° 51'·530W.
	E. cardinal light-beacon, <i>VQ(3)5s</i>	32° 17'·830N., 64° 51'·420W.
	★ <i>Fl.R.4s</i>	32° 16'·080N., 64° 51'·230W.
	safe water pillar light-buoy with topmark, <i>Mo(A)8s 'G'</i>	(a) 32° 16'·642N., 64° 50'·071W.
Delete	'KP2' buoy	32° 16'·330N., 64° 50'·610W.

Chart [*Last correction*].— **332** [2419/97] — **1073** (a) [5091/01]

Light List Vol. J, 2000/01, 4531, 4532, 4537

Department of Marine and Ports Services, Bermuda (HH.686/420/02).

5093* NORTH ATLANTIC OCEAN — Bermuda — Hamilton Island Northeastwards — Gibbett Island — Light-beacon; Light

Insert	red and white light-beacon, <i>Fl.R.4s</i>	32° 19'·390N., 64° 44'·672W.
Delete	★ <i>Fl.R.4s7m2M</i>	32° 19'·395N., 64° 44'·640W.

Chart [*Last correction*].— **867** [2939/00]

Light List Vol. J, 2000/01, 4490

Department of Marine and Ports Services, Bermuda (HH.686/420/02).

5094* NORTH ATLANTIC OCEAN — Bermuda — Saint David's Island — Light

Amend	light to, <i>Aero Al.WG.10s43m15M</i> , (chart 334, <i>Aero Al.WG.10s15M</i>)	32° 22'·01N., 64° 40'·64W.
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Chart [*Last correction*].— **1315** [1724/98] — **868** [3937/01] — **334** [1395/98] — **360** [3780/99]

Light List Vol. J, 2000/01, 4482

Department of Marine and Ports Services, Bermuda (HH.686/420/02).

5095* NORTH ATLANTIC OCEAN — Bermuda — Hamilton Island Southeastwards — Buoyage

Delete	special pillar light-buoy, <i>Fl.Y.4s</i>	32° 09'·05N., 64° 43'·35W.
	special spherical light-buoy, <i>Fl.4s</i>	32° 09'·00N., 64° 38'·50W.

Chart [*Last correction*].— **334** [5094/01] — **360** [5094/01]

Department of Marine and Ports Services, Bermuda (HH.686/420/02).

5057 MEDITERRANEAN SEA — Spain, South-East Coast — Alicante — Dredged areas; Reclamation; Light; Fishing harbour

Insert	the accompanying block, showing amendments to dredged areas, reclamation areas and light, centred on:	38° 19'·70N., 0° 29'·50W.
Delete	symbol, fishing harbour	38° 19'·820N., 0° 30'·172W.

Chart [*Last correction*].— **469** (INT 3168) [1361/01]

Light List Vol. E, 2001/02, 0159

Spanish Chart 4722 (HH.361/510/03).

5058 MEDITERRANEAN SEA — Turkey — İstanbul Boğazi Güneyi — Fatih Sultan Mehmet Bridge and Boğazi Bridge — Lights; Legend

Insert	the accompanying block, showing new bridge diagrams, centred on:	(a) 41° 02'·24N., 29° 05'·30E.
	★ <i>Oc.R.6s</i>	(b) 41° 03'·18N., 29° 05'·50E.
	★ <i>Q.R</i>	(c) 41° 05'·53N., 29° 03'·45E.
		(d) 41° 05'·55N., 29° 04'·00E.
		(e) 41° 03'·00N., 29° 01'·89E.
		(f) 41° 02'·59N., 29° 02'·29E.
Amend	light to, <i>Oc.R.6s</i>	(g) (d) above
	light to, <i>Oc.Y.6s</i>	(h) 41° 05'·55N., 29° 03'·86E.
		(i) 41° 05'·54N., 29° 03'·56E.
	light to, <i>Oc.3s</i>	(j) 41° 05'·54N., 29° 03'·72E.
	legend to, <i>Boğaziçi Bridge</i>	(k) 41° 02'·80N., 29° 02'·13E.
		(l) 41° 02'·50N., 29° 02'·60E.
Delete	★ <i>Fl.Y</i>	(m) 41° 05'·55N., 29° 03'·93E.

Chart [*Last correction*].— **1159** (a,c,e-k) [3667/01] — **1198** (b-f,h-j,l) [3118/01]

Light List Vol. E, 2001/02, 4936.4, 4936.6, 4946.2

Turkish Notice 36/185/01 (HH.394/400/03).

II

5096 MEDITERRANEAN SEA — France, South Coast — Étang de Thau — Marseillan Northeastwards — Beacon tower

Substitute starboard-hand beacon tower with topmark for
beacon tower, (dest) 43° 21'·48N., 3° 32'·35E.

Chart [*Last correction*].— **2606** [273/01]
French Notice 25/45/01 (HH.354/490/02).

5097 MEDITERRANEAN SEA — Italy, West Coast — Gulf of Genoa — Golfo Tigullio — Punta di Portofino Northeastwards and Punta de Pedale — Depth; Light-beacon

Insert depth 48m enclosed by 50m contour 44° 18'·49N., 9° 13'·52E.
light-beacon with special topmark, *Fl.Y.3s4m2M* 44° 19'·21N., 9° 12'·86E.

Chart [*Last correction*].— **351 (plan, Golfo Tigullio)** [3581/01]
Light List Vol. E, 2001/02, 1240.7
Italian Chart 58 (HH.369/480/04).

5098* MEDITERRANEAN SEA — Malta — Il-Port Il-Kbir — Deep Water Wharf, Laboratory Wharf and Pinto Wharves — Depths

Insert depth 8m 35° 53'·260N., 14° 30'·336E.
Substitute depth 7₆ m for depth 8₈ m 35° 53'·090N., 14° 30'·445E.
Delete depth 10m enclosed by 10m contour 35° 53'·60N., 14° 30'·73E.

Chart [*Last correction*].— **177** [3779/01]
Malta Maritime Authority Notice 52/01 (HH.375/450/05).

5099 MEDITERRANEAN SEA — Ionian Sea — Greece — Níros Kérkira and Kérkiraiki Thálassa — Piryí to Ak.Ay. Aikateríni and Prasóudhi to Kepi i Stilít Eastwards — Restricted areas

Delete limit of restricted area, pecked line and associated legends,
Entry Prohibited (see Note), joining:

	(a)	39° 42'·3N., 19° 50'·7E.(shore)
	(b)	39° 44'·57N., 19° 56'·92E. (S. border)
	(c)	39° 48'·13N., 19° 56'·29E. (N. border)
	(d)	39° 49'·4N., 19° 51'·1E.(shore) and
	(e)	39° 30'·68N., 20° 09'·23E.(shore)
	(f)	39° 30'·62N., 20° 07'·88E. (W. border)
	(g)	39° 41'·5N., 20° 00'·5E.(shore)
	(h)	39° 31'·9N., 20° 14'·5E.
	(i)	39° 04'·4N., 19° 04'·4E.
	(j)	40° 14'·0N., 20° 14'·0E.

note, ENTRY PROHIBITED, centred on:

note, PROHIBITED AREAS, centred on:

Chart [*Last correction*].— **2406 (plan, Approaches to Igoumenítsa)** (e,f,h) [3747/01] — **206 (plan, Vóron Stenón Kerkíras)** (b,c) & **206** (a,d,e,g,i) [3205/00] — **188** (a,d,e,g,j) [4888/01]
Greek Notice 10/260/01 (HH.381/400/04).

5100 MEDITERRANEAN SEA — Greece — Aegean Sea — Níros Mílos — Órmos Voúdhia — Rock

Insert  36° 45'·25N., 24° 32'·65E.

Chart [*Last correction*].— **1539 (plan, Stená Kimólou with Órmos Voúdhia)** [2505/01]
Greek Notice 10/270/01 (HH.385/420/02).

5101 MEDITERRANEAN SEA — Greece, West Coast — Órmos Prévezis — Mooring buoy

Delete special  Fl.Y 38° 57'·50N., 20° 45'·65E.

Chart [*Last correction*].— **2405 (plan B, Préveza)** [925/01]
Greek Notice 10/264/01 (HH.381/410/03).

5102 MEDITERRANEAN SEA — Greece — Níros Kríti, South Coast — Agkyrovólia Palaiochóras and Níros Gavdhopoúla — Depths; Light

Insert depth 0₈ m enclosed by 2m contour (a) 35° 13'·46N., 23° 40'·69E.
Substitute depth 2₈ m for depth 3₁ m (b) 35° 13'·44N., 23° 40'·70E.
Amend light to, *Fl.8s56m12M* (c) 34° 56'·3N., 23° 59'·3E.

Chart [*Last correction*].— **1707 (plan I, Agkyrovólia Palaiochóras)** (a,b) [4798/01] — **3680** (c) [4272/99] — **3681** (c) [4108/01] — **1091** (c) [1663/01]
Light List Vol. E, 2001/02, 4838
Greek Notices 9/227/01 & 10/267/01 (HH.386/430/02).

II

5103 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Skopélos — Loutráki — Lights

Amend light to, *Fl.R.3s3M* 39° 09'·9N., 23° 36'·9E.
light to, *Fl.G.3s3M* 39° 10'·0N., 23° 37'·0E.

Chart [*Last correction*].— **1062** [157/01]

Light List Vol. E, 2001/02, 4475, 4475.1

Greek Notices 5/132/99 & 10/271/01 (HH.383/400/02).

5104 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Thásos, West Coast — Skála Marión — Light

Insert ★ *Fl.G.3s3M* 40° 38'·80N., 24° 30'·80E.

Chart [*Last correction*].— **1687 (plan, Kólpos Kaválas and Approaches)** [4229/01]

Light List Vol. E, 2001/02, 4547.4

Greek Notice 10/274/01 (HH.387/430/02).

5105 MEDITERRANEAN SEA — Aegean Sea — Alexandroúpoli — Outfall; Mooring buoys; Light; Breakwater; Works

Insert outfall joining: (a) 40° 50'·85N., 25° 55'·10E.(shore)
(b) 40° 50'·13N., 25° 55'·30E.
Q.Y (c) 40° 49'·87N., 25° 55'·40E.
(d) 40° 49'·90N., 25° 55'·28E.
★ *Fl.R.3s10m6M* (e) 40° 50'·10N., 25° 53'·93E.
breakwater, single firm line, joining: (f) (e) above
(g) 40° 50'·3N., 25° 53'·3E.
(breakwater)
Amend light to, *Fl.R.3s10m6M* (h) (e) above
Substitute breakwater, double firm line, width 20m, for double
pecked line, joining: (i) (e) above
(j) 40° 50'·20N., 25° 53'·50E.
(breakwater)
Delete legend, Works in progress (2000) (k) close NNE. of (i)–(j) above

Chart [*Last correction*].— **1636 (plan, Alexandroúpoli)** (*a–d,h–k*) [1662/01] — **1086** (*e–g*) [2586/01]

Light List Vol. E, 2001/02, 4555

Greek Notices 10/279–280/01 (HH.382/400/03).

5106 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Lésvos, West Coast — Buoy

Delete special pillar light–buoy, *Fl(5)Y.20s* 39° 16'·1N., 25° 47'·2E.

Chart [*Last correction*].— **1061** [3664/01] — **1087** [4334/01]

Greek Notice 10/275/01 (HH.383/430/03).

5107 MEDITERRANEAN SEA — Turkey — İstanbul Boğazi Kuzeyi — Umur Banklari — Depths; Buoyage; Mooring buoy

Insert depth 21m 41° 09'·77N., 29° 04'·14E.
depth 04 m enclosed by 2m contour (a) 41° 09'·25N., 29° 04'·00E.
depth 119 m (b) 41° 09'·18N., 29° 04'·01E.
spherical buoy 41° 09'·25N., 29° 03'·96E.
Move W. cardinal light–buoy, *VQ(9)10s6M*,
(chart 1198, W. cardinal light–buoy, *VQ(9)10s*) from: 41° 09'·16N., 29° 03'·85E.
to: 41° 09'·11N., 29° 03'·83E.
from: 41° 09'·19N., 29° 04'·47E.
to: 41° 09'·25N., 29° 04'·29E.
Delete depth 08 m enclosed by 2m contour, Rep (2001) close W. of (a) above
depth 145 m close SSE. of (b) above

Chart [*Last correction*].— **1158** [3118/01] — **1198** [5058/01] Turkish Notice 36/185/01 (HH.394/400/03).

II

5108 BLACK SEA — Bulgaria — Approaches to Varna — Restricted area; Anchorage area; Anchor berth

Insert	limit of pipeline area, pecked line, joining:	(a) 43° 07′·02N., 27° 55′·80E.(shore)
		(b) 43° 02′·79N., 28° 12′·40E.
		(c) 43° 01′·80N., 28° 11′·81E.
		(d) 43° 06′·10N., 27° 55′·42E.(shore)
	legend, <i>Gas</i>	(e) within (a)–(d) above
	symbols, anchoring prohibited and fishing prohibited	(f) within (a)–(d) above
	limit of anchorage area, pecked line, joining:	(g) 43° 06′·58N., 27° 57′·78E. (existing limit)
		(h) 43° 06′·80N., 27° 56′·58E. (existing limit)
Move	anchor berth, 2 from:	(i) 43° 06′·4N., 27° 57′·2E.
	to:	(j) 43° 08′·1N., 27° 57′·5E.
Delete	former limit of anchorage area, pecked line, joining:	(k) (g) above
		(l) 43° 06′·10N., 27° 57′·70E.
		(m) 43° 06′·10N., 27° 56′·45E.
		(n) (h) above

Chart [*Last correction*].— **2283** (*a–h,k–n*) [4890/01] — **2230** [4890/01]
Bulgarian Notices 11/10–13/01 (HH.397/400/03).

5109 BLACK SEA — Romania — Constanța Eastwards — Wreck

Insert		44° 13′·0N., 29° 17′·7E.
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Chart [*Last correction*].— **2230** [5108/01] — **2232** [4474/01]
Romanian Notice 10/261/01 (HH.398/430/03).

5110 BLACK SEA — Ukraine — Buz kyy Lyman — Port Mykolayiv Kanal — Buoyage

Insert	special pillar buoy with topmark	46° 55′·63N., 31° 58′·23E.
Substitute	port–hand pillar light–buoy with topmark, <i>Fl.R.</i> 3s, for port–hand pillar buoy	(a) 46° 56′·10N., 31° 59′·22E.
	starboard–hand pillar light–buoy with topmark, <i>Fl.G.</i> 3s, for starboard–hand pillar buoy	close NW. of (a) above

Chart [*Last correction*].— **2203** (**plan B, Mykolayiv**) [4594/01]
Russian Notice 46/7098/01 (HH.396/540/03).

5111* RED SEA — Gulf of Aqaba — Jordan — Marine Peace Park Southwestwards — Submarine cable

Insert	submarine cable joining:	(a) 29° 25′·78N., 34° 57′·99E. (restricted limit)
		(b) 29° 25′·76N., 34° 57′·92E. (restricted limit)
		(c) 29° 25′·67N., 34° 57′·72E. (S. border)
		(d) 29° 24′·00N., 34° 54′·00E.
		(e) 29° 22′·50N., 34° 52′·65E.
		(f) 29° 21′·36N., 34° 51′·80E.
		(g) 29° 21′·00N., 34° 51′·67E. (S. border)

Chart [*Last correction*].— **801** (**plan B, Eilat and El‘Aqaba**) (*a,c*) & (**plan A, Approaches to Eilat and El‘Aqaba**) (*b,d–g*)
[4688/00]
Global Marine Ltd (HH.100/302/04).

II

5112* ARABIA — Qatar, East Coast — Umm Said (Musay'id) and Approaches — Depths

Insert	depth 10 ₅ m	(a)	24° 53'·64N., 51° 39'·95E.
	depth 14 ₉ m enclosed by 15m contour	(b)	24° 53'·02N., 51° 40'·18E.
	depth 6 ₆ m	(c)	24° 55'·76N., 51° 35'·41E.
	depth 8 ₈ m	(d)	24° 58'·60N., 51° 46'·35E.
	depth 11 ₈ m	(e)	25° 00'·02N., 51° 46'·00E.
	depth 12 ₃ m, (chart 3787, depth 12 ₃ m and extend 15m contour SW. to enclose)	(f)	25° 00'·54N., 51° 46'·02E.
	depth 16m, (chart 3787, depth 16m and extend 20m contour W. to enclose)	(g)	25° 00'·58N., 51° 45'·82E.
	depth 13 ₁ m, (chart 3787, depth 13 ₁ m and extend 15m contour W. to enclose)	(h)	25° 04'·65N., 51° 44'·51E.
	depth 13 ₅ m enclosed by 15m contour	(i)	24° 54'·42N., 51° 36'·27E.
	depth 10 ₅ m	(j)	24° 57'·40N., 51° 42'·48E.
	depth 15 ₂ m	(k)	close W. of (h) above
	depth 11 ₁ m	(l)	close N. of (j) above
	depth 12 ₅ m	(m)	(e) above
	depth 12 ₅ m	(n)	close SE. of (e) above
Delete	depth 9 ₇ m	(o)	close S. of (d) above

Chart [*Last correction*].— **3786 (plan B, Umm Said (Musay'id) and Inner Approaches)** (a–c,i) [4697/01] — **3787** (a,b,d–l,n) [4697/01] — **3950** (d,e,m,o) [3952/01]
 Qatar Petroleum (HH.489/400/03).

5113* ARABIA — Iran — Soroosh Oilfield Northwestwards — Wreck

Insert	⊕ PA, (charts 2847, 2858 & 4705, ⊕)	(a)	29° 12'·00N., 49° 20'·00E.
		(b)	29° 11'·87N., 49° 19'·96E.

Chart [*Last correction*].— **2882** (a) [4698/01] — **2884** (b) [4892/01] — **2847** (a) [4892/01] — **2858** (a) [4698/01] — **4705** (INT 705) (a) [4698/01]
 Hydropac Notice 1859/01 (HH.496/400/05).

5114 ARABIA — Iran — Jazireh-ye Qeys — Buoyage; Works

Insert	safe water pillar light–buoy, <i>Fl(2)5s</i>	26° 34'·60N., 54° 00'·90E.
	legend, <i>Works in progress (2001)</i> , centred on:	26° 34'·30N., 54° 00'·50E.
Delete	safe water pillar light–buoy, Iso	26° 34'·36N., 54° 00'·07E.

Chart [*Last correction*].— **3409 (plan G, Qeys Anchorage)** [2084/00]
 PSO Iran Notice 10/01 (HH.498/400/02).

5115 INDIA, West Coast — Port of Bombay — Uran Beacon Westwards — Buoy

Delete	West Uran light–buoy	18° 55'·7N., 72° 53'·5E.
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Chart [*Last correction*].— **2624** [1839/01] — **2627** [4558/01] — **2621** [1839/01]
 Indian Notice 21/376/01 (HH.502/440/04).

5059 CHINA, South-East Coast — Zhujiang Kou — Jingxing Gang — Lights; Light-beacon; Pier; Bridge

Insert	the accompanying block, showing new lights, light–beacon	22° 22'·88N., 113° 36'·50E.
	and pier and amendments to bridge, centred on:	

Chart [*Last correction*].— **343** [4701/01]
 Light List Vol. F, 2001/02, 3452, 3453, 3454
 Chinese Chart 15435 (HH.548/436/04).

5116 CHINA, South-East Coast — Southern Approaches to Hong Kong — Depth; Wrecks; Obstruction

Insert	depth 9m enclosed by 10m contour with seabed character, R	(a)	22° 02'·01N., 113° 44'·44E.
	⊕ PA	(b)	22° 08'·30N., 114° 11'·21E.
		(c)	22° 08'·40N., 114° 11'·09E.
	⊕	(d)	22° 06'·99N., 114° 17'·90E.
		(e)	22° 07'·09N., 114° 17'·78E.
Substitute	○ <i>Obstn</i> PA, unsurveyed safe clearance depth 10m for	(f)	22° 08'·58N., 114° 10'·86E.
	○ Wk least depth 21m	(g)	22° 08'·67N., 114° 10'·72E.

Chart [*Last correction*].— **1917** (INT 5511) (b,f) [4806/01] — **937** (INT 5508) (c,e,g) [4806/01] — **3026** (a,b,d,f) [4701/01]

Light List Vol. F, 2001/02, 3521
 Chinese Charts 15435 & 15379 (HH.548/436/04).

II

5117 CHINA, South-East Coast — Zhujiang Kou — Light-beacon; Wrecks; Depths; Obstructions

Insert	light-beacon with $\odot$ topmark, <i>FL(2)5s6m6M</i>	(a)	22° 17'·31N., 113° 36'·20E.
	$\odot$ Wk, least depth by wire sweep 87 m	(b)	22° 22'·59N., 113° 46'·49E.
	depth 2m enclosed by 2m contour	(c)	22° 22'·07N., 113° 48'·22E.
	depth 31 m enclosed by 5m contour	(d)	22° 23'·86N., 113° 49'·95E.
	depth 09 m enclosed by 2m contour	(e)	22° 24'·66N., 113° 50'·63E.
	depth 22 m	(f)	22° 23'·97N., 113° 51'·74E.
		(g)	22° 23'·98N., 113° 51'·77E.
	$\odot$ Obstn, least depth by wire sweep 45 m	(h)	22° 19'·94N., 113° 51'·35E.
		(i)	22° 19'·95N., 113° 51'·38E.
	$\odot$ Obstn, least depth by wire sweep 37 m	(j)	22° 19'·73N., 113° 49'·20E.
Substitute	$\blacktriangleleft$ (2 4) for $\oplus$	(k)	22° 18'·10N., 113° 50'·83E.
	$\odot$ Obstn Rep (2001), for $\odot$ Obstn Rep (2001) unsurveyed clearance depth 57 m	(l)	22° 20'·20N., 113° 47'·32E.

Chart [*Last correction*].— **1919** (INT 5510) (g,i) [4805/01] — **343** (plan, Chiwan and Shekou) (f) & **343** (a,f,h,j-l) [5059/01] — **3026** (e) [5116/01]

Light List Vol. F, 2001/02, 3449.9

Chinese Charts 15435 & 15379 (HH.548/436/04).

5118 CHINA, South-East Coast — Zhujiang Kou — Chuanbi Shuidao — Buoy

Delete	Lingding Shuidao No 16 light-buoy	22° 41'·86N., 113° 40'·70E.
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Chart [*Last correction*].— **343** [5117/01]

UK Hydrographic Office (HH.548/440/03).

5119 CHINA, East Coast — Xiamen Gang — Gulang Yu Northwards — Pylons; Power transmission line; Vertical clearance

Insert	$\odot$ Pyl	(a)	24° 28'·08N., 118° 02'·60E.
		(b)	24° 28'·14N., 118° 03'·33E.
		(c)	24° 28'·19N., 118° 04'·09E.
	power transmission line, joining:		24° 28'·05N., 118° 02'·10E.
			(W. border)
		(d)	(a) above
		(e)	(b) above
		(f)	(c) above
	vertical clearance, 57m		close N. of (d)–(e) above
			close N. of (e)–(f) above

Chart [*Last correction*].— **3449** [4900/01]

Chinese Notice 21/300/01 (HH.548/300/01).

5120 CHINA SEA — T'ai-wan, South-East Coast — Kang-k'ou Wan — Islets

Insert	islet	(a)	21° 56'·25N., 120° 51'·53E.
	islet, (8), (chart 3804, islet, (27))	(b)	21° 56'·25N., 120° 51'·63E.
	danger line to enclose		(a)–(b) above

Chart [*Last correction*].— **3232** [4902/01] — **3233** [4808/01] — **3804** [4146/98]

Taiwanese Chart 0345 (HH.549/420/02).

5121 CHINA — Yellow Sea — Shandong Bandao — Weihai — Harbour limit

Insert	harbour limit, pecked line, joining:	(a)	37° 29'·65N., 122° 12'·88E.(★)
		(b)	37° 29'·65N., 122° 17'·17E.
Delete	legend, <i>Outer Harbour Limit</i>		(E. border)
	former harbour limit, pecked line, and associated		along (a)–(b) above
	legend, <i>Outer Harbour Limit</i> , joining:	(a)	above
			37° 27'·67N., 122° 14'·53E.

Chart [*Last correction*].— **1260** (plan B, Approaches to Weihai) [3124/00]

Chinese Notice 21/303/01 (HH.548/509/02).

5122 JAPAN — Seto Naikai — Kyūshū — Shin Moji — Light

Amend	range of light to, 9M	33° 52'·18N., 131° 00'·76E.
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Chart [*Last correction*].— **3225** [2835/01]

Light List Vol. F, 2001/02, 4985

Japanese Notice 45/1706/01 (HH.568/415/06).

II

5123 JAPAN — Kyūshū, West Coast — Ikitsuki Shima — Tachiura — Lights

Delete	★ Fl.G	(a)	33° 21'·25N., 129° 26'·27E.
	★ Fl.R		close NE. of (a) above

Chart [*Last correction*].— **1527** [945/01] — **3514** [4390/01]

Light List Vol. F, 2001/02, 5239, 5239.1

Japanese Notice 46/1744/01 (HH.564/421/03).

5124 JAPAN — Kyūshū, North Coast — Genkai Nada — Kurinokami Shō Northeastwards — Depths

Insert	depth 169 m enclosed by 20m contour	(a)	33° 48'·94N., 130° 18'·82E.
Delete	depth 24m		close NE./E. of (a) above

Chart [*Last correction*].— **532** [4389/01] — **3514** [5123/01]

Japanese Notice 7/287(T)/99 (HH.564/421/03).

5125 JAPAN — Honshū, North-West Coast — Toyama Wan — Approaches to Fushiki and Shinminato — Quarantine anchorage area

Delete	quarantine anchor berth and associated swinging circle, centred on:	36° 46'·8N., 137° 08'·6E.
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Chart [*Last correction*].— **1342 (plan B, Fushiki and Shinminato)** [4606/01] — **1347** [4907/01]

Japanese Notice 46/1735/01 (HH.563/510/03).

5126 KOREA, West Coast — Kogunsan Kundo — Malto Eastwards — Light-beacon

Insert isolated danger light-beacon, *Fl(2)10s12m8M* 35° 51'·67N., 126° 21'·10E.

Chart [*Last correction*].— **913** (INT 5254) [4909/01]

Light List Vol. F, 2001/02, 4205.5

Korean Notice 45/561/01 (HH.557/410/04).

5127 RUSSIA, Pacific Coast — Gulf of Tartary — Ostrov Sakhalin — Approaches to Portovyy Punkt Shakhtërsk — Wreck

Delete 49° 09'·0N., 142° 01'·7E.

Chart [*Last correction*].— **2161 (plan E, Portovyy Punkt Shakhtërsk)** [2738/01]

Russian Notice 46/7135/01 (HH.570/440/03).

5128 PHILIPPINE ISLANDS — Luzon, West Coast — Lingayen Gulf — Light

Amend light to, *Fl.5s7M* 16° 21'·4N., 120° 20'·4E.

Chart [*Last correction*].— **3805** [4282/01] — **3806** [4282/01]

Light List Vol. F, 2001/02, 2697

Philippine Notice 10/125/01 (HH.552/655/04).

5129 PHILIPPINE ISLANDS — Sibuyan, South Coast — Kaut Point — Light

Amend	light to, <i>Fl(2)10s33ft16M</i> , (chart 3489, <i>Fl(2)16M</i>)	12° 16'·2N., 122° 37'·9E.
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Chart [*Last correction*].— **3818** [2914/01] — **3822** [*New Edition* 30/11/00] — **3807** [*New Edition* 23/8/01] — **3489** (INT 553) [4899/01]

Light List Vol. F, 2001/02, 2512

Philippine Notice 10/110/01 (HH.552/575/02).

5130 PHILIPPINE ISLANDS — Mindanao, West Coast — Sindangan Point — Light

Amend	light to, <i>Fl.4s</i>	8° 09'·7N., 122° 39'·7E.
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Chart [*Last correction*].— **3811** [4713/01]

Light List Vol. F, 2001/02, 2207

Philippine Notice 10/121/01 (HH.552/415/02).

II

5131 PHILIPPINE ISLANDS — Mindanao, North Coast — Dapitan Bay — Pulauan Pier — Light

Amend light to, *Fl.5s146ft4M* 8° 38'·27N., 123° 22'·80E.

Chart [*Last correction*].— **3426 (plan, Dapitan and Dipolog)** [645/01]

Light List Vol. F, 2001/02, 2284

Philippine Notice 10/122/01 (*HH.552/475/02*).

5132 INDONESIA — Flores, North Coast — Maumere — Light

Move ★ *Fl(3)20s361ft25M*, from: 8° 37'·2S., 122° 13'·1E.
to: 8° 37'·9S., 122° 13'·5E.

Chart [*Last correction*].— **1697** [3492/01]

Light List Vol. K, 2001/02, 1335

Indonesian Notice 37/288/01 (*HH.529/600/03*).

5060 AUSTRALIA — Western Australia — Fremantle — Rous Head Northwards and Inner Harbour — Coastline; Spoil ground; Buoy; Depth

Insert the accompanying block, showing amendments to coastline and spoil ground, centred on: (a) 32° 02'·5S., 115° 44'·0E.
the accompanying block, showing amendments to coastline, centred on: (b) 32° 02'·5S., 115° 44'·3E.
special spar light-buoy with topmark, *Fl.Y.5s* (c) 32° 02'·519S., 115° 45'·117E.
Delete depth 8₆ m (d) close W. of (c) above

Chart [*Last correction*].— **Aus 113 (a,c,d)** [2748/01] — **Aus 112 (b)** [2249/01]

Australian Notices 23/637–638/01 (*HH.571/009/01*).

5133 AUSTRALIA — Satellite derived positions

Insert the accompanying note, SATELLITE DERIVED POSITIONS, centred on: (a) 38° 23'·42S., 145° 12'·85E.
Substitute the accompanying note, SATELLITE DERIVED POSITIONS, for existing note, centred on: (b) outside N. border (right of title)
(c) 32° 03'·90S., 115° 45'·30E.
(d) 42° 53'·2S., 147° 18'·6E.
(e) 34° 51'·8S., 138° 31'·2E.
(f) outside N. border (left of title)
(g) 41° 16'·3S., 146° 53'·2E.
(h) 31° 55'·1S., 115° 47'·1E.
(i) 24° 03'·5S., 151° 24'·0E.
(j) 20° 16'·2S., 118° 25'·3E.
(k) 23° 15'·0S., 151° 14'·0E.
(l) 11° 13'·6S., 142° 32'·4E.
(m) 12° 36'·0S., 142° 10'·0E.
(n) 36° 46'·5S., 149° 30'·5E.
(o) 23° 04'·0S., 149° 42'·5E.
(p) 13° 16'·5S., 142° 37'·0E.
(q) 5° 56'·0S., 145° 54'·0E.
(r) 4° 00'·0S., 143° 46'·5E.
(s) 17° 25'·0S., 136° 12'·5E.

Chart [*Last correction*].— **Aus 152 (plan, Hanns Inlet)** (a) [1135/96] — **Aus 195 (b)** [1283/01] — **Aus 113 (c)** [5060/01] — **Aus 172 (d)** [3983/01] — **Aus 137 (e)** [2533/01] — **Aus 250 (f)** [3691/01] — **Aus 168 (g)** [2204/00] — **Aus 112 (h)** [5060/01] — **Aus 246 (i)** [1685/01] — **Aus 53 (j)** [2913/99] — **Aus 247 (k)** [3973/01] — **Aus 839 (l)** [2922/01] — **Aus 301 (m)** [2018/00] — **Aus 359 (n)** [3500/01] — **Aus 367 (o)** [3507/01] — **Aus 375 (p)** [2528/01] — **Aus 387 (q)** [3030/00] — **Aus 388 (r)** [3030/00] — **Aus 410 (s)** [3499/01]

Australian Notice 23/621/01 (*HH.571/009/01*).

5134 AUSTRALIA — Queensland — Moreton Bay — Mud Island Southwestwards — Beacon

Delete W. cardinal beacon 27° 20'·9S., 153° 14'·2E.

Chart [*Last correction*].— **Aus 236** [4717/01]

Australian Notice 23/622/01 (*HH.571/009/01*).

5135 AUSTRALIA — Queensland — Approaches to Gladstone — Boyne Island Cutting — Legend

Amend legend to, *Boyne Cutting*, centred on: 23° 55'·9S., 151° 27'·7E.

Chart [*Last correction*].— **Aus 246** [5133/01]

Australian Notice 23/623/01 (*HH.571/009/01*).

II

5136 AUSTRALIA — Queensland — Port Alma — Raglan Creek — Buoy

Move No 12 light-buoy from: 23° 35'·02S., 150° 51'·92E.
to: 23° 35'·025S., 150° 51'·934E.

Chart [*Last correction*].— **Aus 247 (plan, Port Alma) & (plan, Approaches to Port Alma)** [5133/01]

Australian Notice 23/624/01 (HH.571/009/01).

5137 AUSTRALIA — Queensland — Hay Point — Depths

Insert	depth 9 ₁ m enclosed by 10m contour	(a)	21° 13'·493S., 149° 17'·333E.
	depth 9 ₁ m and extend 10m contour SE. to enclose	(b)	21° 13'·129S., 149° 17'·212E.
	depth 9 ₅ m enclosed by 10m contour	(c)	21° 13'·318S., 149° 17'·560E.
	depth 9 ₁ m	(d)	21° 13'·49S., 149° 17'·33E.
	depth 9 ₅ m	(e)	21° 13'·32S., 149° 17'·56E.
	depth 9 ₈ m	(f)	21° 12'·99S., 149° 16'·93E.
	depth 9 ₉ m enclosed by 10m contour and extend contour		
	to enclose with (d)–(f) above	(g)	21° 12'·89S., 149° 17'·33E.
Substitute	depth 13 ₁ m for depth 12 ₉ m	(h)	21° 15'·76S., 149° 18'·85E.
Delete	depth 10m enclosed by 10m contour	(i)	21° 13'·05S., 149° 17'·15E.

Chart [*Last correction*].— **Aus 250 (plan, Hay Point) (a–c,h)** [5133/01] — **Aus 249 (d–g,i)** [4400/01]

Australian Notice 23/625/01 (HH.571/009/01).

5138 AUSTRALIA — Northern Territory — Braithwaite Point Eastwards — Breakers

Delete ○ Rep 11° 46'·0S., 134° 09'·0E.
11° 43'·0S., 134° 04'·0E.

Chart [*Last correction*].— **942B** [4720/01]

Australian Notice 23/628/01 (HH.571/009/01).

5139 AUSTRALIA — Northern Territory — Hawkesbury Point Eastwards — Rocks

Insert	⊙	(a)	11° 55'·7S., 134° 10'·8E.
Delete	⊕		close W. of (a) above

Chart [*Last correction*].— **942B** [5138/01]

Australian Notice 23/629/01 (HH.571/009/01).

5140 AUSTRALIA — Northern Territory — Darwin — Darwin Naval Base — Light

Amend light to, *FRG.14m3M* 12° 27'·58S., 130° 49'·29E.

Chart [*Last correction*].— **Aus 28 (plan, Port Darwin)** [4924/01]

Light List Vol. K, 2001/02, 3328.1

Australian Notice 23/630/01 (HH.571/009/01).

5141 AUSTRALIA — Western Australia — Approaches to Port Hedland — Newman Leads Eastwards — Depths

Insert	depth 7 ₂ m	(a)	20° 12'·72S., 118° 34'·82E.
	depth 7 ₁ m	(b)	20° 12'·99S., 118° 33'·99E.
	depth 8 ₃ m enclosed by 10m contour	(c)	20° 13'·04S., 118° 34'·45E.
	depth 7 ₅ m and extend 10m contour N. to enclose	(d)	20° 11'·87S., 118° 34'·39E.
Delete	depth 7 ₆ m	(e)	close SE. of (a) above

Chart [*Last correction*].— **Aus 53 (a–c,e)** [5133/01] — **Aus 739 (a,d,e)** [4610/01]

Australian Notice 23/635/01 (HH.571/009/01).

5142 AUSTRALIA — Western Australia — Port Dampier — Mermaid Sound, East Intercourse Island Northwards and King Bay — Light-beacons; Light

Substitute	N. cardinal light-beacon, Q, for isolated danger		
	light-beacon, Fl(2)5s	(a)	20° 36'·23S., 116° 42'·91E.
Amend	No 12W light-beacon to, <i>Fl.3s</i>	(b)	20° 38'·15S., 116° 41'·07E.
	light to, <i>Q.G</i>	(c)	20° 37'·57S., 116° 44'·91E.

Chart [*Last correction*].— **Aus 59 (plan, Dampier Wharves) (a,b) & (plan, Withnell Bay to King Bay) (c)** [4925/01]

Light List Vol. K, 2001/02, 1691.095, 1691.44, 1691.48

Australian Notice 23/636/01 (HH.571/009/01).

II

5143 AUSTRALIA — South Australia — Port Lincoln — Proper Bay to Louth Bay — Marine farms

Insert	symbol, marine farm, centred on:	(a) 34° 44'·75S., 135° 57'·60E. (b) 34° 39'·15S., 135° 53'·63E. (c) 34° 40'·02S., 135° 52'·85E. (d) 34° 40'·13S., 135° 51'·99E. (e) 34° 40'·50S., 135° 52'·79E. (f) 34° 41'·65S., 135° 52'·10E. (g) 34° 41'·99S., 135° 54'·04E. (h) 34° 46'·26S., 135° 52'·85E. (i) 34° 46'·76S., 135° 53'·74E. (j) 34° 46'·77S., 135° 53'·09E. (k) 34° 47'·40S., 135° 53'·19E. (l) 34° 47'·41S., 135° 52'·54E. (m) 34° 46'·08S., 135° 50'·83E. (n) 34° 39'·58S., 135° 53'·52E. (o) 34° 33'·32S., 136° 04'·93E. (p) 34° 34'·02S., 135° 58'·47E.
Move	symbol, marine farm, from: to: symbol, marine farm, from: to: symbol, marine farm, from: to: symbol, marine farm, from: to: symbol, marine farm, from: to: symbol, marine farm, from: to: symbol, marine farm, from: to: symbol, marine farm, from: to:	(q) 34° 40'·7S., 135° 54'·3E. (r) 34° 40'·90S., 135° 54'·35E. (s) 34° 43'·0S., 135° 54'·3E. (t) 34° 43'·04S., 135° 54'·90E. (u) 34° 43'·6S., 135° 55'·1E. (v) 34° 43'·76S., 135° 55'·30E. (w) 34° 43'·8S., 135° 56'·2E. (x) 34° 43'·86S., 135° 56'·10E. (y) 34° 43'·6S., 135° 56'·4E. (z) 34° 43'·69S., 135° 56'·54E. (aa) 34° 44'·9S., 135° 56'·3E. (bb) 34° 44'·77S., 135° 56'·93E. (cc) 34° 44'·8S., 135° 56'·2E. (dd) 34° 44'·85S., 135° 56'·56E.
Delete	depth 11 ₉ m depth 12 ₂ m depth 10 ₃ m depth 15 ₂ m depth 11 ₃ m depth 15 ₅ m	(ee) close S. of (a) above (ff) close NE. of (e) above (gg) close N. of (bb) above (hh) close W. of (dd) above (ii) close NW. of (r) above (jj) close NE. of (dd) above (kk) close NE. of (v) above

Chart [Last correction].— **Aus 134** (a–n,q–kk) [4926/01] — **Aus 776** (o,p) [4926/01]
Australian Notice 23/639/01 (HH.571/009/01).

5144 AUSTRALIA — Victoria — Portland — Portland Harbour and Portland Aerodrome — Dredged areas; Aero radiobeacon; Depth contour

Insert	limit of dredged area, pecked line, joining: legend, <i>Maintained depth 13·0m</i> , orientated 018°/198°, centred on: 5m contour joining:	(a) 38° 20'·860S., 141° 37'·210E. (b) 38° 20'·866S., 141° 37'·237E. (c) 38° 20'·67S., 141° 37'·30E. (d) 38° 20'·90S., 141° 36'·78E. (e) 38° 20'·89S., 141° 36'·72E. (f) 38° 18'·86S., 141° 28'·40E.
Delete	radiobeacon, <i>Aero RC</i> limit of dredged area, pecked line and associated legend, Maintained depth 4·4m, centred on:	(g) 38° 20'·95S., 141° 36'·73E.

Chart [Last correction].— **Aus 140** (plan, Portland) (a–e,g) & **Aus 140** (f) [New Chart 30/3/01]
Australian Notice 23/640/01 (HH.571/009/01).

5145 AUSTRALIA — Tasmania — North Bruny Island Westwards — Snake Island — Beacons

Substitute	starboard–hand beacon with topmark for • Bn	43° 10'·7S., 147° 17'·2E.
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Chart [Last correction].— **Aus 173** [3689/01]
Australian Notice 23/642/01 (HH.571/009/01).

5146 AUSTRALIA — Tasmania — River Tamar — Long Reach — Light–beacons; Leading line

Insert	light–beacon, <i>F.R.4m3M</i> light–beacon, <i>F.R.8m3M</i> leading line, pecked line for 3300m legend, 131·9°	41° 10'·936S., 146° 56'·647E. (a) 41° 11'·018S., 146° 56'·768E. (b) extending in direction 311·9° from (a) above seaward end of (b) above
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Chart [Last correction].— **Aus 168** [5133/01]
Light List Vol. K, 2001/02, 3588.1, 3588.11
Australian Notice 23/643/01 (HH.571/009/01).

II

5147 SOUTH PACIFIC OCEAN — Fiji — Great Astrolabe Reef Eastwards — Volcanic Activity

Insert ☉ Volcanic Activity Rep (2001) 18° 46'·5S., 179° 10'·8E.

Note: The above update will be included in a New Edition of Chart 4602 to be published 3 January 2002

Chart [Last correction].— **441** [4621/01] — **2691** [3146/01] — **4632** (INT 632) [3911/01] — **4638** (INT 638) [268/00] — **4604** (INT 604) [3146/01] — **4605** (INT 605) [3146/01] — **4060** (INT 60) [3492/01] — **4061** (INT 61) [4502/01]
Fiji Coastal Navigational Warning 25/01 (HH.586/490/02).

5148 NORTH AMERICA, West Coast — California — Cape Mendocino Westwards — Fog signal

Amend fog signal at “2B” light–buoy to, Bell 40° 26' 20"N., 124° 30' 10"W.

Chart [Last correction].— **3121** [4932/01] — **2531** [4932/01] — **2530** [4932/01]
U.S. Notice 47/18623/01 (HH.612/435/02).

5149 SOUTH AMERICA, West Coast — Peru — Malabrigo — Dolphins; Submarine pipelines; Wreck

Insert □

(a) 7° 40'·95S., 79° 26'·53W.
(b) 7° 41'·16S., 79° 26'·24W.
(c) 7° 41'·26S., 79° 26'·43W.
(d) 7° 41'·25S., 79° 26'·55W.
(e) 7° 41'·48S., 79° 26'·46W.

submarine pipeline joining:

(a) above
7° 40'·99S., 79° 26'·10W.(shore)
and
(b) above
7° 41'·11S., 79° 26'·09W.(shore)
and
(c) above
7° 41'·13S., 79° 26'·09W.(shore)
and
(d) above
7° 41'·23S., 79° 26'·09W.(shore)
and
(e) above
7° 41'·63S., 79° 26'·15W.(shore)
close N. of (e) above

Delete ⊕

Chart [Last correction].— **3092 (plan D, Malabrigo)** [3317/01]
Peruvian Notice 8/68/01 (HH.643/480/02).

5150 SOUTH AMERICA, West Coast — Peru — Puerto Supe — Bahía Supe — Buoyage

Insert E. cardinal pillar buoy (a) 10° 47'·66S., 77° 45'·24W.
Delete conical buoy close S. of (a) above

Chart [Last correction].— **3083 (plan A, Puerto Supe)** [3321/01]
Peruvian Notice 7/57/01 (HH.643/460/02).

5151 SOUTH AMERICA, East Coast — Argentina — Puerto de Buenos Aires — Canal Sur — Safe overhead clearance

Amend safe overhead clearance to 165ft 34° 37'·9S., 58° 20'·3W.

Chart [Last correction].— **1751** [294/01]
Argentine Notice 20/199/01 (HH.651/465/02).

5152 SOUTH AMERICA, East Coast — Brazil, North Coast — Pecém — Pta. Pecém — Pier

Insert pier, single firm line, joining: 3° 32'·75S., 38° 48'·64W.(shore)
3° 31'·89S., 38° 47'·45W.

Chart [Last correction].— **3957** [4735/01]
Brazilian Notice 20/166(P)/01 (HH.658/430/03).

5153 SOUTH AMERICA, East Coast — Brazil, North Coast — Rio Pará — Canal dos Poções — Note; Legend

Substitute the accompanying note, RIO AMAZONAS, RIO PARÁ,
CANAL DOS POÇÕES AND THEIR APPROACHES, for
existing note, RIO AMAZONAS, RIO PARÁ AND THEIR
APPROACHES, centred on:
Insert legend, (see Note), centred on: 1° 11'·00S., 49° 30'·00W.
0° 29'·70S., 47° 57'·00W.

Chart [Last correction].— **3959** [3249/01]
UK Hydrographic Office (HH.659/420/03).

II

5154 CARIBBEAN SEA — Colombia, North Coast — Punta Chimaré to Punta Espada — Lights

Insert	★ <i>Fl.12s25m20M</i>	(a)	12° 23'·70N., 71° 27'·60W.
	★ <i>Fl.10s27m20M</i>	(b)	12° 17'·10N., 71° 13'·60W.
	★ <i>Fl.8s50m20M</i>	(c)	12° 05'·50N., 71° 07'·50W.
Delete	★ <i>Fl.12s25m20M</i>		close SE. of (a) above
	★ <i>Fl.10s27m20M</i>		close NE. of (b) above
	★ <i>Fl.8s70m20M PA</i>		close SE. of (c) above

Chart [*Last correction*].— **2194** [2647/01]

Light List Vol. J, 2000/01, 6267.3, 6267.6, 6267.8

Colombian Chart 040 (HH.640/400/03).

5155 GULF OF MEXICO — Texas — Southern Approaches to Corpus Christi — Fish haven; Platform; Well

Insert	☉ (14)	27° 26'·9N., 96° 45'·8W.
Substitute	☐ (lighted) for ☉ Well least depth 34fm	27° 09'·8N., 96° 42'·6W.

Chart [*Last correction*].— **3849** [5029/01]

U.S. Notice 49/11300/01 (HH.616/181/2001).

5156 GULF OF MEXICO — Texas — Outer Approaches to Galveston Bay — Claypile Bank Southeastwards — Fish havens; Platform

Insert	☉ (84), (chart 3850, ☉ (14))	(a)	28° 14'·5N., 93° 52'·7W.
	☉ (14)		28° 01'·1N., 93° 59'·4W.
	☐ (lighted)		28° 00'·9N., 92° 55'·6W.

Chart [*Last correction*].— **3854** (a) [5028/01] — **3850** [5031/01]

U.S. Notice 49/11340/01 (HH.616/181/2001).

5157 GULF OF MEXICO — Louisiana — Calcasieu River — Choupique Island Northeastwards to Clooney Island — Dredged depths

Amend	dredged depth to, 39ft (2001)	(a)	30° 06'·38N., 93° 17'·22W.
	dredged depth to, 33ft (2001)	(b)	30° 12'·67N., 93° 16'·78W.
	dredged depth to, 28ft (2001)	(c)	30° 13'·36N., 93° 16'·60W.
	dredged depth to, 37ft (2001)	(d)	30° 13'·48N., 93° 15'·88W.

Chart [*Last correction*].— **3190** (panel C) (a) & (panel E) (b–d) [4941/01]

U.S. Notice 48/11347/01 (HH.615/435/06).

5158 GULF OF MEXICO — Louisiana — Ship Shoal Southwards — Well

Insert	☉ Well, least depth 32fm	28° 22'·0N., 91° 15'·8W.
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Chart [*Last correction*].— **3850** [5156/01]

U.S. Notice 49/11340/01 (HH.616/181/2001).

5159 GULF OF MEXICO — Mississippi — LOOP Deepwater Port Northwards — Obstruction

Insert	☉ <i>Obstn PA</i>	29° 01'·80N., 89° 59'·93W.
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Chart [*Last correction*].— **3857** [5031/01] — **3851** [5031/01]

U.S. Notice 49/11358/01 (HH.616/181/2001).

5160 NORTH AMERICA, East Coast — Massachusetts — Nantucket Sound — Chappaquiddick Island Northeastwards — Buoyage

Insert	port–hand pillar light–buoy, <i>Fl.G.4s</i> '21A'	(a)	41° 26'·91N., 70° 25'·20W.
Delete	'7' port–hand buoy		0·7M WSW. of (a) above

Chart [*Last correction*].— **2456** [4545/01]

U.S. Notice 49/13233/01 (HH.614/455/03).

II

5161(T)/01 JAPAN — Honshū, North–West Coast — Kanazawa Kō — Less water

Mariners are advised of the following:

1. Less water, minimum depth 4 metres, has been reported in the vicinity of position 36° 37'·47N., 136° 36'·32E.
2. Less water, minimum depth 5·1 metres, has been reported in the vicinity of position 36° 37'·70N., 136° 36'·28E.
3. Less water, minimum depth 9·2 metres, has been reported in the vicinity of position 36° 37'·50N., 136° 36'·24E.

Chart affected — 1304

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

5162(T)/01 PAPUA NEW GUINEA — Cape Nelson — Lights

The following lights are temporarily unlit:

Greaves Reef in position 9° 10'·6S., 149° 27'·0E.

Ham Reef in position 9° 11'·9S., 149° 26'·7E.

Stewart Reefs in position 9° 07'·8S., 149° 23'·6E.

Charts affected — Aus 384 — Aus 385 — Aus 519

Australian Notice 23/654(T)/01 (HH.571/009/01).

5163(T)/01 AUSTRALIA — Victoria — Port Phillip — Pinnacle Channel — Buoy; Restricted area

1. A special light–buoy with topmark, Q.Y, exists in position 38° 16'·63S., 144° 51'·05E.
2. The buoy marks the centre of a circular restricted area, radius 400m, established for scientific research. Entry into the area is prohibited.

Charts affected — Aus 143 — Aus 158

Australian Notice 23/658(T)/01 (HH.571/009/01).

5164(T)/01 SOUTH PACIFIC OCEAN — Polynésie Française — Îles de la Société — Fish havens

1. Fish havens marked by special light–buoys, *Fl*, have been established in the following positions:

	<i>Position</i>	<i>Chart</i>
Vairao	17° 50'·2S., 149° 21'·7W.	1382
Paea	17° 47'·6S., 149° 43'·7W.	1382
Moorea (Haapiti)	17° 39'·9S., 149° 50'·2W.	1382
Arue	17° 24'·2S., 149° 35'·2W.	1382
Mahina	17° 24'·6S., 149° 27'·2W.	998
Huahine (N)	16° 38'·8S., 151° 01'·3W.	1060
Huahine (SE)	16° 49'·5S., 150° 54'·7W.	1060
Raiatea (E)	16° 53'·9S., 151° 15'·9W.	1060
Raiatea (Mirimiri)	16° 43'·6S., 151° 35'·0W.	1103
Tahaa (NW)	16° 34'·9S., 151° 36'·5W.	1060
Bora–Bora (W)	16° 28'·6S., 151° 50'·4W.	1060
Tetiaroa (S)	17° 04'·7S., 149° 35'·0W.	998
Tetiaroa (W)	16° 58'·7S., 149° 38'·0W.	998
Maiao (E)	17° 41'·3S., 150° 34'·0W.	998
Maiao (W)	17° 38'·5S., 150° 42'·3W.	4653
Maiao (N)	17° 35'·6S., 150° 37'·7W.	4653

2. Former Notice 4223(T)/01 is cancelled.

Charts affected — 1103 — 1382 — 1060 — 998 — 4653

French Notice 46/08(T)/01 (HH.595/420/02).

5165(P)/01 NORTH AMERICA, East Coast — South Carolina — Charleston Harbor and Approaches — Channels; Buoyage; Pilot boarding place; Light–beacons

1. The buoyed channel in the approach to Charleston Harbor has been extended approximately 4·5 miles further seaward. Safe–water pillar light–buoy 'C', Mo(A) Whis, which marks its seaward extent has been moved to position 32° 37'·08N., 79° 35'·50W. It has been reported that a pilot boarding place for deep draught vessels has been established in this vicinity. Additional buoyage has been placed to mark the extended channel.
2. Channels within Charleston Harbor have been slightly realigned and associated changes to buoys and light–beacons are underway between Fort Sumpter Range and Drum Island.
3. For the latest information mariners are advised to contact local authorities at the port.
4. These changes will be included on charts when full details become available.

Charts affected — 2809 — 2806 — 2803 — 2864 — 2865 — 2710

Seventh Coast Guard District Notices 47/11521/01 & 47/11523–11524/01 (HH.614/615/05).

II

5166

CURRENT HYDROGRAPHIC PUBLICATIONS

(Sailing Directions, Light Lists, Lists of Radio Signals & Tidal Publications)

(Corrected 31st December 2001)

(Former Notice 4020/01 is cancelled)

(1) CURRENT EDITIONS OF SAILING DIRECTIONS AND THEIR LATEST SUPPLEMENTS

NP No	Title	Edition	Supplement No
1	Africa Pilot Vol I	13th (1982)	7/1999
2 †	Africa Pilot Vol II	12th (1977)	11/1999
3	Africa Pilot Vol III	13th (1980)	10/2001
4	South-East Alaska Pilot	6th (1993)	2/2000
5 ‡ †	South America Pilot Vol I	13th (1999)	
6	South America Pilot Vol II	16th (1993)	2/1999
7 ‡	South America Pilot Vol III (19/04/01)	7th (2000)	
7A	South America Pilot Vol IV	2nd (1983)	7/1999
8	Pacific Coasts of Central America and United States Pilot	9th (1995)	1/1998
9	Antarctic Pilot	5th (1997)	
10	Arctic Pilot Vol I	7th (1985)	6/1997
11	Arctic Pilot Vol II	8th (1996)	
12	Arctic Pilot Vol III	7th (2001)	
13	Australia Pilot Vol I	7th (1992)	3/2001
14 ‡ †	Australia Pilot Vol II	7th (1999)	
15 ‡	Australia Pilot Vol III	8th (1999)	
17	Australia Pilot Vol V	7th (1992)	2/1997*
18 ‡ †	Baltic Pilot Vol I	11th (1998)	
19 ‡ †	Baltic Pilot Vol II	11th (1998)	
20 ‡	Baltic Pilot Vol III	8th (2000)	
21	Bay of Bengal Pilot	10th (1978)	11/2001
22 ‡ †	Bay of Biscay Pilot	7th (1998)	
23	Bering Sea and Strait Pilot	5th (1980)	10/2000
24 ‡	Black Sea Pilot	13th (2000)	
25 ‡ †	British Columbia Pilot Vol I	10th (1998)	
26 ‡ †	British Columbia Pilot Vol II	7th (1999)	
27 ‡ †	Channel Pilot	4th (1999)	
28 ‡	Dover Strait Pilot	5th (1999)	
30 †	China Sea Pilot Vol I	4th (1978)	4/1996
		(Revised 1987)	
31 ‡	China Sea Pilot Vol II	6th (2001)	
32	China Sea Pilot Vol III	4th (1982)	7/1998
33	Philippine Islands Pilot	1st (1978)	11/2000
34 ‡	Indonesia Pilot Vol II	2nd (1999)	
35 †	Indonesia Pilot Vol III	1st (1980)	9/1996
36 ‡ †	Indonesia Pilot Vol I	3rd (1999)	
37 ‡ †	West Coasts of England and Wales Pilot	14th (1999)	
38 ‡ †	West Coast of India Pilot	12th (1998)	
39 ‡	South Indian Ocean Pilot	10th (2001)	
40 ‡	Irish Coast Pilot	15th (2000)	
41	Japan Pilot Vol I	7th (1982)	7/1998
42A	Japan Pilot Vol II	7th (1979)	10/2001
42B	Japan Pilot Vol III	7th (1981)	8/1997*
43	South and East Coasts of Korea, etc Pilot	6th (1983)	7/1999
44	Malacca Strait and West Coast of Sumatra Pilot	6th (1987)	5/1999
45 †	Mediterranean Pilot Vol I	10th (1978)	10/1998
46	Mediterranean Pilot Vol II	10th (1978)	10/1998
47 †	Mediterranean Pilot Vol III	10th (1988)	4/1998
48 ‡	Mediterranean Pilot Vol IV	11th (2000)	
49 ‡	Mediterranean Pilot Vol V	7th (1999)	
50	Newfoundland and Labrador Pilot	10th (1978)	11/2000
51 ‡	New Zealand Pilot	15th (2001)	
52 ‡	North Coast of Scotland Pilot	4th (2000)	
54 ‡	North Sea (West) Pilot	5th (2000)	
55 ‡ †	North Sea (East) Pilot	3rd (1999)	
56 ‡	Norway Pilot Vol I	11th (2000)	
57A	Norway Pilot Vol IIA	8th (1979)	10/2000

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CURRENT HYDROGRAPHIC PUBLICATIONS – continued

57B	Norway Pilot Vol IIB	8th (1979)	10/1999
58A	Norway Pilot Vol IIIA	6th (1982)	8/2000
58B	Norway Pilot Vol IIIB	6th (1984)	7/1998
59	Nova Scotia and Bay of Fundy Pilot	12th (1991)	3/2000
60	Pacific Islands Pilot Vol I	10th (1988)	5/2000
61	Pacific Islands Pilot Vol II	10th (1984)	7/2001
62	Pacific Islands Pilot Vol III	10th (1982)	8/1999
63	Persian Gulf Pilot	12th (1982)	8/2001
64 †	Red Sea and Gulf of Aden Pilot	12th (1980)	5/1998
		(Revised 1987)	
65	St Lawrence Pilot	13th (1987)	5/1999
66 ‡	West Coast of Scotland Pilot	14th (2001)	
67 ‡ †	West Coast of Spain and Portugal Pilot	7th (1999)	
68 ‡	East Coast of the United States Pilot Vol I	10th (2001)	
69 ‡	East Coast of the United States Pilot Vol II	8th (1999)	
69A	East Coasts of Central America and Gulf of Mexico Pilot	2nd (1993)	2/1999
70	West Indies Pilot Vol I	2nd (1993)	2/1998
71 ‡	West Indies Pilot Vol II	13th (2000)	
72	Southern Barents Sea and Beloye More Pilot	1st (1996)	1/1999
100	The Mariner's Handbook	7th (1999)	
136	Ocean Passages for the World	4th (1987)	
150 •	The Fisherman's Pilot (North Sea)	2002	
151 •	The Fisherman's Pilot (North and West Scotland)	2002	
152 •	The Fisherman's Pilot (Ireland and Irish Sea)	2002	
735	Maritime Buoyage System	5th (1994)	

‡ Books in Continuous Revision (New editions every three years)

† New or Revised Edition due for publication within one year; scheduled publishing date in brackets.

* New Supplement due for publication within 3 months.

• Annual publications

(2) ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

<i>NP No</i>	<i>Current Edition</i>	<i>Published</i>
74	Volume A, 2001/02	March 2001
75	Volume B, 2001/02	April 2001
76	Volume C, 2001/02	May 2001
77	Volume D, 2001/02	June 2001
78	Volume E, 2001/02	July 2001
79	Volume F, 2001/02	August 2001
80	Volume G, 2001/02	October 2001
81	Volume H, 2001/02	November 2001
82	Volume J, 2001/02	December 2001
83	Volume K, 2001/02	January 2001
84	Volume L, 2001/02	February 2001

(3) ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS (DIGITAL)

<i>DP No</i>	<i>New Publication</i>	<i>Remarks</i>
561	Volume A, 2001	Published April 2001

(4) ADMIRALTY LIST OF RADIO SIGNALS

<i>NP No</i>	<i>Title</i>	<i>Published</i>
	Volume 1, 2001/02 —	
281(1)	Coast Radio Stations: Part 1: Europe, Africa and Asia (excluding the Philippine Islands and Indonesia)	August 2001
281(2)	Part 2: Philippine Islands, Indonesia, Australasia, the Americas, Greenland and Iceland	August 2001
282	Volume 2, 2001 — Radio Navigational Aids, Electronic Position Fixing Systems and Radio Time Signals	February 2001
	Volume 3, 2001/02 — Radio Weather Services and Navigational Warnings	
283(1)	Part 1: Europe, Africa and Asia (excluding the Philippine Islands and Indonesia)	June 2001

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ADMIRALTY LIST OF RADIO SIGNALS – continued

283(2)	Part 2:	Philippine Islands, Indonesia, Australasia, the Americas, Greenland and Iceland	June 2001
284	Volume 4, 2001/02 —	Meteorological Observation Stations	June 2001
285	Volume 5, 2001/02 —	Global Maritime Distress and Safety System (GMDSS)	August 2001
	Volume 6, 2000/01 —	Pilot Services, Vessel Traffic Services and Port Operations	
286(1)	Part 1	United Kingdom and Ireland (including European Channel Ports)	October 2001
286(2)	Part 2	Europe (excluding UK, Ireland and Mediterranean) and Iceland	October 2001
286(3)	Part 3	Mediterranean and Africa (including Persian Gulf)	October 2001
286(4)	Part 4	Asia and Australia	October 2001
286(5)	Part 5	Americas and Antarctica	October 2001
288	Volume 8, 2001/02 —	Satellite Navigation Systems	March 2001
289	2nd Edition 2001	Admiralty Maritime Communications United Kingdom and Mediterranean (including the Azores and Canary Islands)	April 2001
290		Admiralty Maritime Communications Caribbean	May 2001

(5) TIDAL PUBLICATIONS

<i>NP No</i>	<i>Admiralty Tide Tables</i> (corrected by Annual Notice to Mariners 1/01)		
201–01	Volume 1	United Kingdom and Ireland (including European Channel Ports)	
201–02	Volume 1	United Kingdom and Ireland (including European Channel Ports)	
202–01	Volume 2	Europe (excluding United Kingdom and Ireland), Mediterranean Sea and Atlantic Ocean	
202–02	Volume 2	Europe (excluding United Kingdom and Ireland), Mediterranean Sea and Atlantic Ocean	
203–01	Volume 3	Indian Ocean and South China Sea (including Tidal Stream Tables)	
203–02	Volume 3	Indian Ocean and South China Sea (including Tidal Stream Tables)	
204–01	Volume 4	Pacific Ocean (including Tidal Stream Tables)	
204–02	Volume 4	Pacific Ocean (including Tidal Stream Tables)	
160	Tidal Harmonic Constants (European Waters) Edition 3, 2000		
164–01	Dover, Times of High Water and mean ranges (published annually)		
164–02	Dover, Times of High Water and mean ranges (published annually)		

<i>NP No</i>	<i>Admiralty Tidal Stream Atlases</i>		
209	Edition 4	Orkney and Shetland Islands, 1986	
218	Edition 5	North Coast of Ireland, West Coast of Scotland, 1995	
219	Edition 2	Portsmouth Harbour and Approaches, 1991	
220	Edition 2	Rosyth Harbour and Approaches, 1991	
221	Edition 2	Plymouth Harbour and Approaches, 1991	
222	Edition 1	Firth of Clyde and Approaches, 1992	
233	Edition 3	Dover Strait, 1995	
249	Edition 2	Thames Estuary, 1985 (with Co-Tidal Charts)	
250	Edition 4	The English Channel, 1992	
251	Edition 3	North Sea, Southern Portion, 1976	
252	Edition 3	North Sea, North Western Part, 1975	
253	Edition 1	North Sea, Eastern Part, 1978	
256	Edition 4	Irish Sea and Bristol Channel, 1992	
257	Edition 3	Approaches to Portland, 1973	
264	Edition 5	The Channel Islands and the Adjacent Coasts of France, 1993	
265	Edition 1	France, West Coast, 1978	
337	Edition 4	The Solent and Adjacent Waters, 1993	

<i>NP No</i>	<i>Co-Tidal Atlas</i>		
214	Edition 2	Persian Gulf, 1999	
215	Edition 1	South-East Asia, 1979	

<i>DP No</i>	<i>Admiralty Tidal Prediction Software</i>	<i>Edition</i>
550	TotalTide CD-ROM	May 2001
560	Simplified Harmonic Method of Tidal Prediction (SHM for Windows) CD-ROM	May 2001

UK Hydrographic Office (HA.903/04/01/01).

II

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TEMPORARY AND PRELIMINARY NOTICES

In Force 31 December 2001

(Former Notice 4849/01 is cancelled)

Cancelled Notices					
Area	Notice No.	Area	Notice No.	Area	Notice No.
2	108/01, 1796/01, 2564/01	2	3537/01, 4639/01	4	2275/01, 2276/01, 2277/01
5	2110/98, 566/00, 2440/01	6	1939/00, 3731/01	7	3627/01
8	4136/99, 286/00	9	1840/95, 4933/00, 3629/01	11	432/01
12	2317/98, 1342/99	13	4106/01	14	2040/00
15	527/99, 1858/99, 2041/00	15	2427/00, 2967/01, 3062/01	18	1406/00, 222/01, 1310/01
18	3338/01, 3541/01, 3740/01	20	4223/01		

No. of Notice	Charts affected	Locality & Subject	Folio(s)
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1. MISCELLANEOUS

2318/99–		Dangerous and Non-dangerous wrecks: Depth criteria	
1882/01–		Electronic Navigational Charts: Availability of UKHO produced ENCs;	
		Cautionary guidance on the use and limitations of ENCs and associated	
		ECDIS systems	
3416/01–		Global Positioning System (GPS) and Chart Accuracy	–

2. BRITISH ISLES

1071/98–	633	Ireland, E. coast, Ardglass Harbour: Marina; Breakwater	3
2218/98–	1351	England, S. coast to Belgium, Kennack Cove to West Hinder:	1,7,9,16
		Submarine cable	
1065/99–	2484	England, E. coast, River Thames, Hole Haven Creek: Depths	8
1395/99–	633	Ireland, E. coast, Malahide Inlet Channel: Reclaimed area; Marina	3
2741/99–	2049, 2424	Ireland, S. coast, Port of Cork, Approaches to The Sound, Fort Davis:	
		Light; Leading line	2
3840/99–	2800	Ireland, E. coast, Carlingford Lough, Warrenpoint: Amendments to	3
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4303/99–	2789	Ireland, SW. coast, Dingle Bay, Castlemaine Harbour: Depths	4
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2288/01–	Aus 154	Victoria, Port Phillip, Maribyrnong River: Works	65
2576/01–	Aus 252	Queensland, Shute Harbour: Buoyage	66
2577/01–	Aus 372	Queensland, Chicken Reef Northwestwards: Scientific instrument	66
2578/01–	Aus 828	Queensland, Pith Reef Northwestwards: Scientific instrument	66
2784/01–	Aus 125, Aus 781	South Australia, Glenelg: Buoyage	65
3339/01–	4727	South Australia, Great Australian Bight: Scientific instruments	65
3542/01–	Aus 262, Aus 830	Queensland, Cairns: Depth information	66
3544/01–	Aus 236	Queensland, Moreton Bay: Light–beacon; Buoy	66
3546/01–	Aus 143, Aus 158	Victoria, Port Phillip, South Channel: Shoaling	65
3739/01–	Aus 250	Queensland, Hay Point: Depth information	66
4019/01–	Aus 109, Aus 112, Aus 333, Aus 334, Aus 754	Western Australia, Jurien Bay to Albany: Scientific instruments	64
4216/01–		Queensland, Whitsunday Passage: Compulsory Pilotage	–
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4219/01–	Aus 237, Aus 238	Queensland, Brisbane River: Depth information	66
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4765/01–	Aus 140	Victoria, Portland: Shoaling	65
4766/01–	Aus 143, Aus 158	Victoria, Port Phillip, West Channel: Buoy; Shoaling	65
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2836/00–	4640, 4060, 4061, 4065 4600	South Island, E. coast, Chatham Rise: Research instruments	63,71, 73
4740/00–	NZ 68, NZ 681	Stewart Island, Half Moon Bay: Wreck	72
1108/01–	4060, 4061, 4600	Bounty Islands Northwards and Southwards: Research moorings	63,71, 73
1313/01–	NZ 51, NZ 52, NZ 53, NZ 521, NZ 522, NZ 531, NZ 532	North Island, E. coast: Buoy, Research instruments	71
1314/01–	NZ 53, NZ 54	North Island, E. coast, Bay of Plenty: Research Moorings	71
2581/01–	NZ 43, NZ 45, NZ 46, NZ 62, NZ 63, NZ 463	South Taranaki Bight, Cook Strait and South Island NE. coast: Submarine cables	71,72
4328/01–	NZ 46, NZ 463, NZ 6153	South Island, N. coast, Tory Channel Entrance: Wreck	71
4329/01–	NZ 53, NZ 532	North Island, E. coast, Firth of Thames: Buoyage	71
4437/01–	NZ 53, NZ 532, NZ 5321, NZ 5324	North Island, E. coast, Hauraki Gulf: Data buoy	71
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II

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2302/97–		Pacific Ocean, Autonomous Temperature Line Acquisition System (ATLAS):	
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4946/00–	935, 936	Nouvelle-Calédonie: Fish havens	68
2285/01–	1436	Polynésie Française, Tahiti, Passe de Papeete: Wreck	73
2583/01–	1436	Polynésie Française, Tahiti, Port de Papeete: Restricted area	73
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3422/01–	3095	California, Humboldt Bay, Entrance Channel: Lights; Leading lines; Dredged channels	90
3548/01–	48	Washington, Puget Sound, Tacoma, Blair Waterway: Lights; Leading lines; Channel limits; Depths; Bridge	90

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3873/00–	530	South America, E. coast, Brazil, S. coast, Paranaguá Southeastwards: Fish aggregating devices	95
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II

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		Aids to navigation	
4638/98–	483	West Indies, Trinidad, Gulf of Paria, Boca Grande, Soldado Oilfield	87
		and Serpent's Mouth: Buoyage; Well	
230/99–	1330	Venezuela, Gulf of Paria, Entrance to Rio San Juan: Lights; Buoyage;	87
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2946/99–	1525	Venezuela, Lago de Maracaibo: Wreck	87
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UK Hydrographic Office (HA.903/05/01/01)

To accompany Notice to Mariners 5089/01

On Chart 1171

SHOAL DEPTHS

Depths shoaler than charted exist within the entrance to the Ria de Santoña, Canal de Colindres and Canal de Ano. Mariners are advised to navigate with caution and contact the local harbour authorities for the latest information.

To accompany Notice to Mariners 5133/01

On Chart Aus 53

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·08 minutes SOUTHWARD and 0·06 minutes WESTWARD to agree with this chart.

On Chart Aus 112

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 113

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·07 minutes SOUTHWARD and 0·08 minutes WESTWARD to agree with this chart.

On Chart Aus 137

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 152

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 168

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·09 minutes SOUTHWARD and 0·06 minutes WESTWARD to agree with this chart.

To accompany Notice to Mariners 5133/01 (continued)

On Chart Aus 172

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·089 minutes SOUTHWARD and 0·082 minutes WESTWARD to agree with this chart.

On Chart Aus 195

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 246

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 247

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 250

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 301

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·09 minutes SOUTHWARD and 0·05 minutes WESTWARD to agree with this chart.

On Chart Aus 359

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·11 minutes SOUTHWARD and 0·03 minutes EASTWARD to agree with this chart.

To accompany Notice to Mariners 5133/01 (continued)

On Chart Aus 367

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0.09 minutes SOUTHWARD and 0.06 minutes WESTWARD to agree with this chart.

On Chart Aus 375

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0.09 minutes SOUTHWARD and 0.06 minutes WESTWARD to agree with this chart.

On Chart Aus 387

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum cannot be plotted directly onto this chart. The difference between GPS positions and positions on this chart cannot be determined; mariners are warned that these differences MAY BE SIGNIFICANT TO NAVIGATION and are therefore advised to use alternative sources of positional information, particularly when closing the shore or navigating in the vicinity of dangers.

On Chart Aus 388

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 410

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 839

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

To accompany Notice to Mariners 5153/01

On Chart 3959

RIO AMAZONAS, RIO PARÁ, CANAL DOS
POÇÕES AND THEIR APPROACHES
The banks and channels of the Rio Amazonas
(1° 10'·0N, 49° 30'·0W), and the Rio Pará
(0° 13'·0S, 47° 40'·0W) and their approaches are
subject to constant change and depths less than
charted may be found. Buoys are moved as
necessary and mariners should exercise extreme
caution. Canal dos Poções (0° 30'·0S, 47° 57'·0W)
should not be attempted without local knowledge.
For pilotage of these areas see Admiralty Sailing
Directions.

To accompany Notice to Mariners 5168/01

On Chart 696

CHARTS 2341 and 2113: POSITIONS
To agree with adjoining chart 2341 and smaller
scale chart 2113, which are referred to World
Geodetic System (1984) Datum, positions read
from chart 696 should be moved 0.04 minutes
SOUTHWARD and 0.07 minutes WESTWARD.

On Chart 744

CHARTS 379, 382, 440 and 2691: POSITIONS
To agree with adjoining chart 379, which is
referred to Fiji (1956) Datum, positions read from
chart 744 should be moved 0.12 minutes
NORTHWARD and 0.23 minutes EASTWARD.
Positions on adjoining chart 382 and smaller scale
chart 440 and 2691 differ from those on 744 by
varying amounts; positions should be transferred by
bearing and distance from common charted objects
and not by latitude and longitude.

On Chart 746

CHART 1673: POSITIONS
To agree with larger scale chart 1673 which is
referred to Fiji (1956) Datum, positions read from
chart 746 should be moved 0.12 minutes
NORTHWARD and 0.23 minutes EASTWARD.

CHART 2691: POSITIONS
Positions read from smaller scale chart 2691 differ
from those on chart 746 by varying amounts;
positions should be transferred by bearing and
distance from common charted objects, not by
latitude and longitude.

On Chart 2360

CHARTS 958 and 2150: POSITIONS
To agree with larger scale chart 958, and adjoining
chart 2150, which are referred to World Geodetic
System (1984) datum, positions read from chart
2360 should be moved 0.17 minutes WESTWARD.



To accompany Notice to Mariners 5168/01 (continued)

On Chart 4767

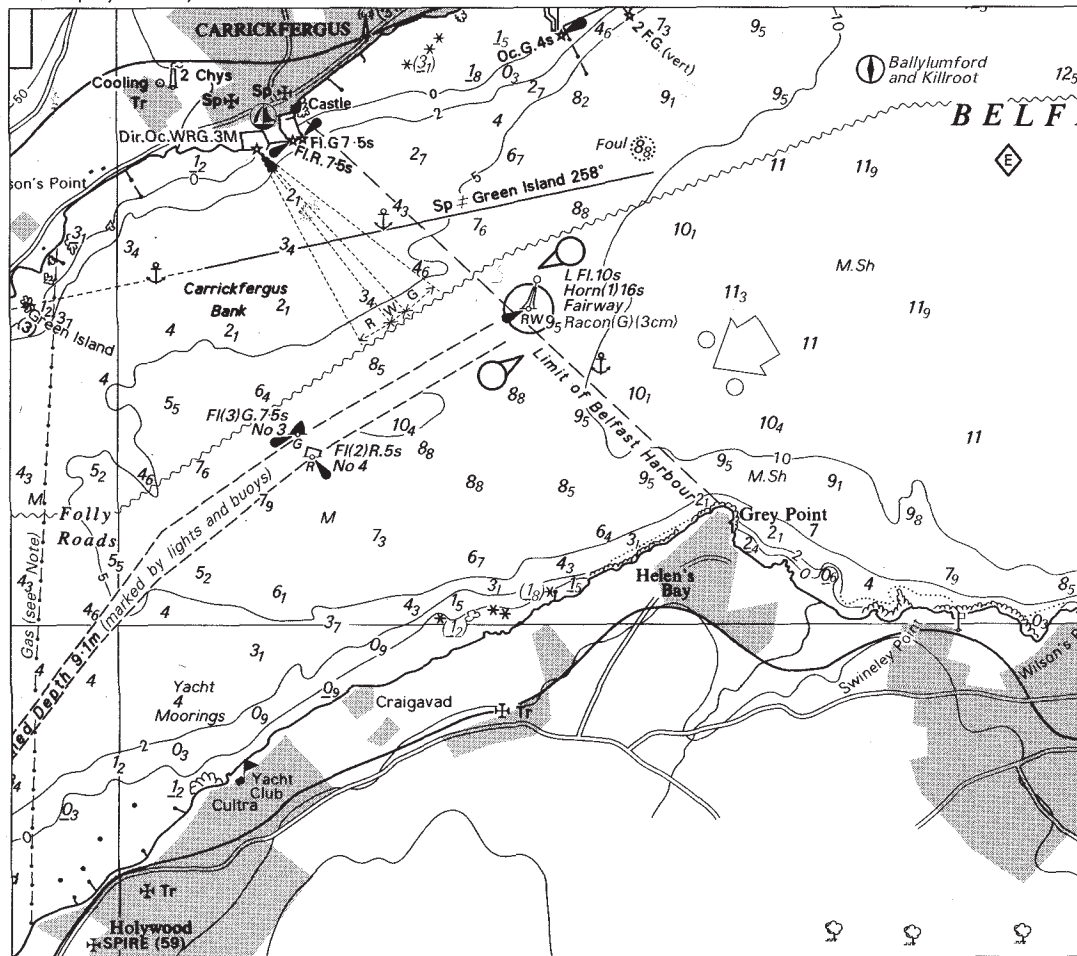
SÉPARATION DU TRAFIC

Pour le Dispositif de séparation du trafic dans cette zone
- Voir les cartes 4766 et 4774.

TRAFFIC SEPARATION

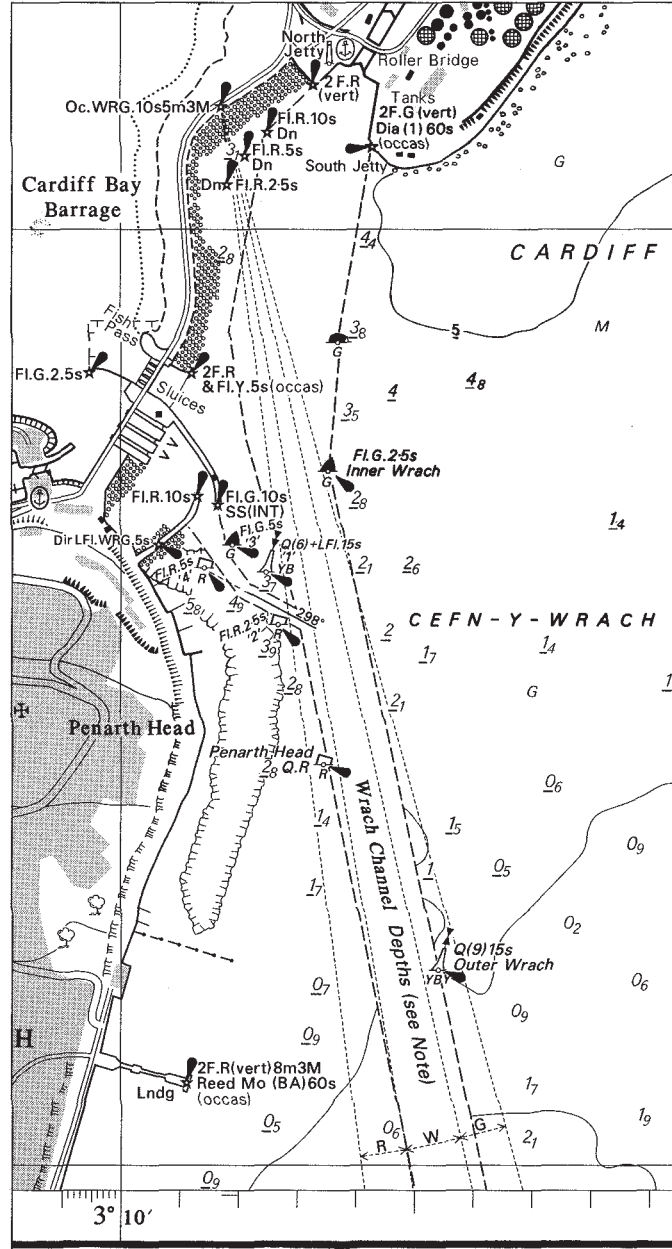
For the Traffic Separation Scheme in this area - See
Charts 4766 and 4774.

To accompany Admiralty Notice to Mariners No 5054 of 2001

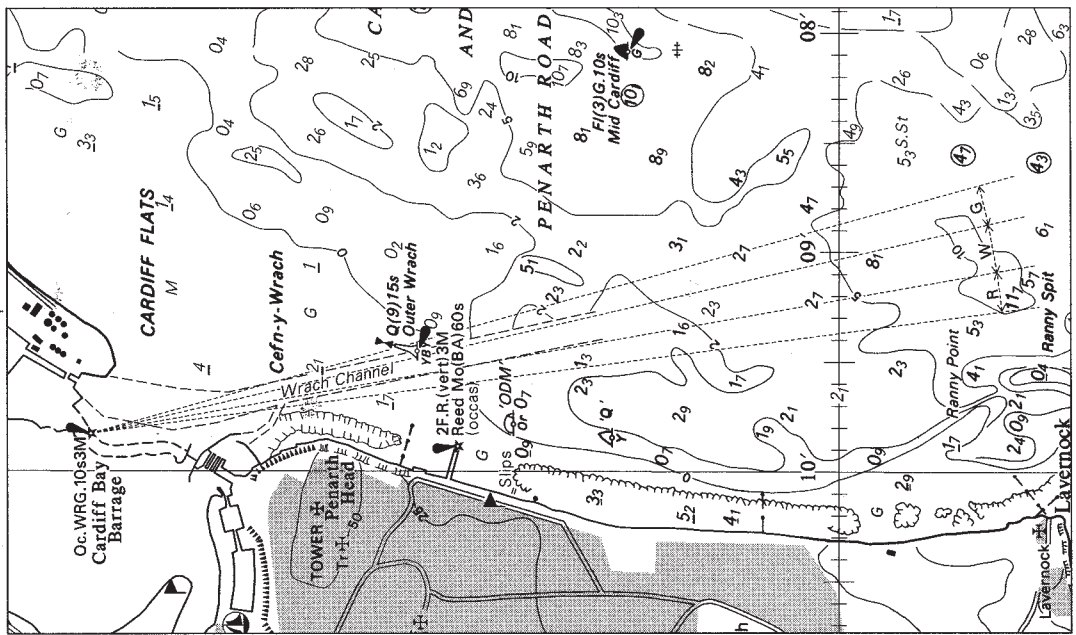


Block for Chart No 2198

To accompany Admiralty Notice to Mariners No 5055 of 2001

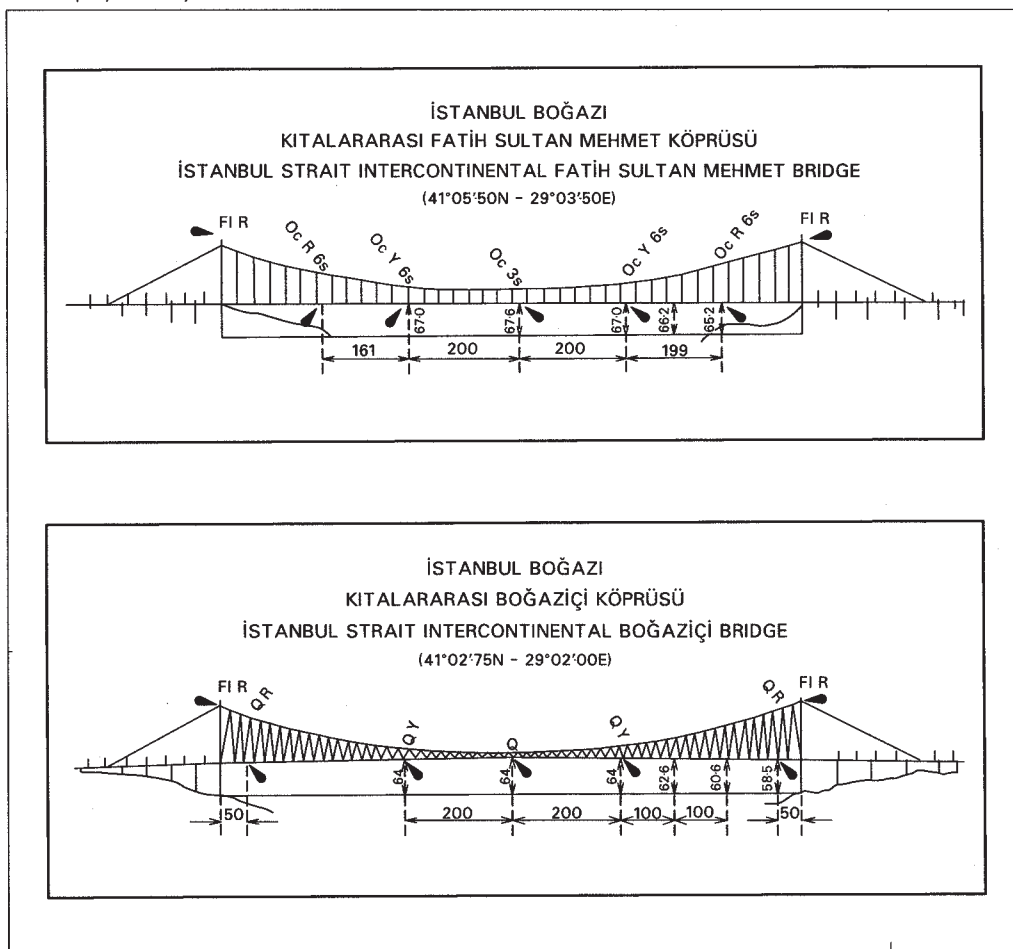


To accompany Admiralty Notice to Mariners No 5055 of 2001



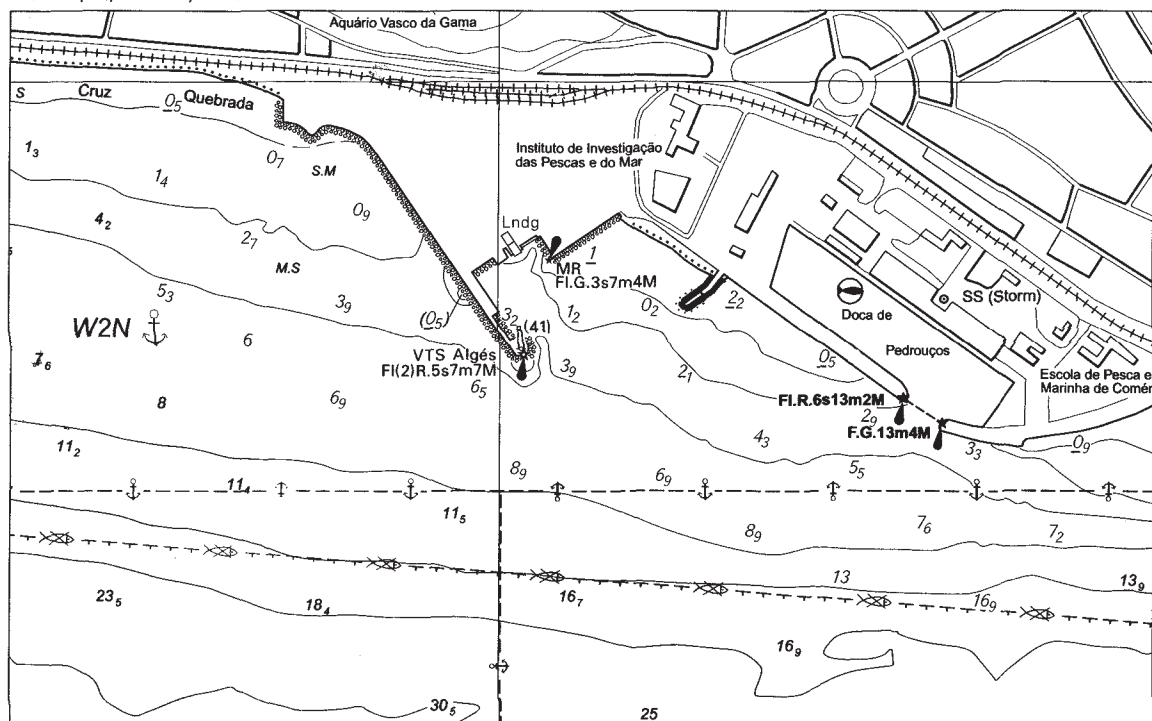
Block for Chart No 1176

To accompany Admiralty Notice to Mariners No 5058 of 2001



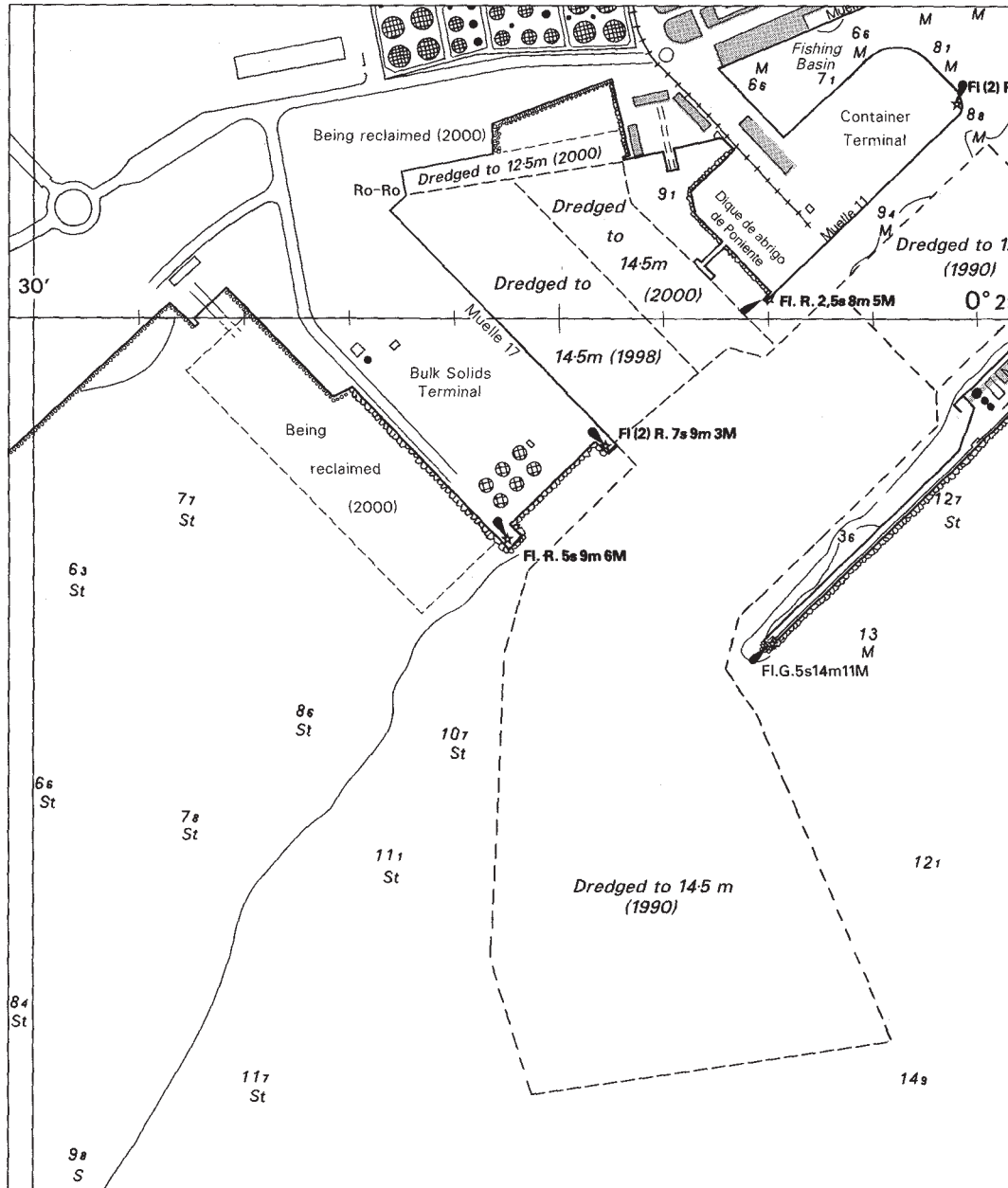
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To accompany Admiralty Notice to Mariners No 5056 of 2001



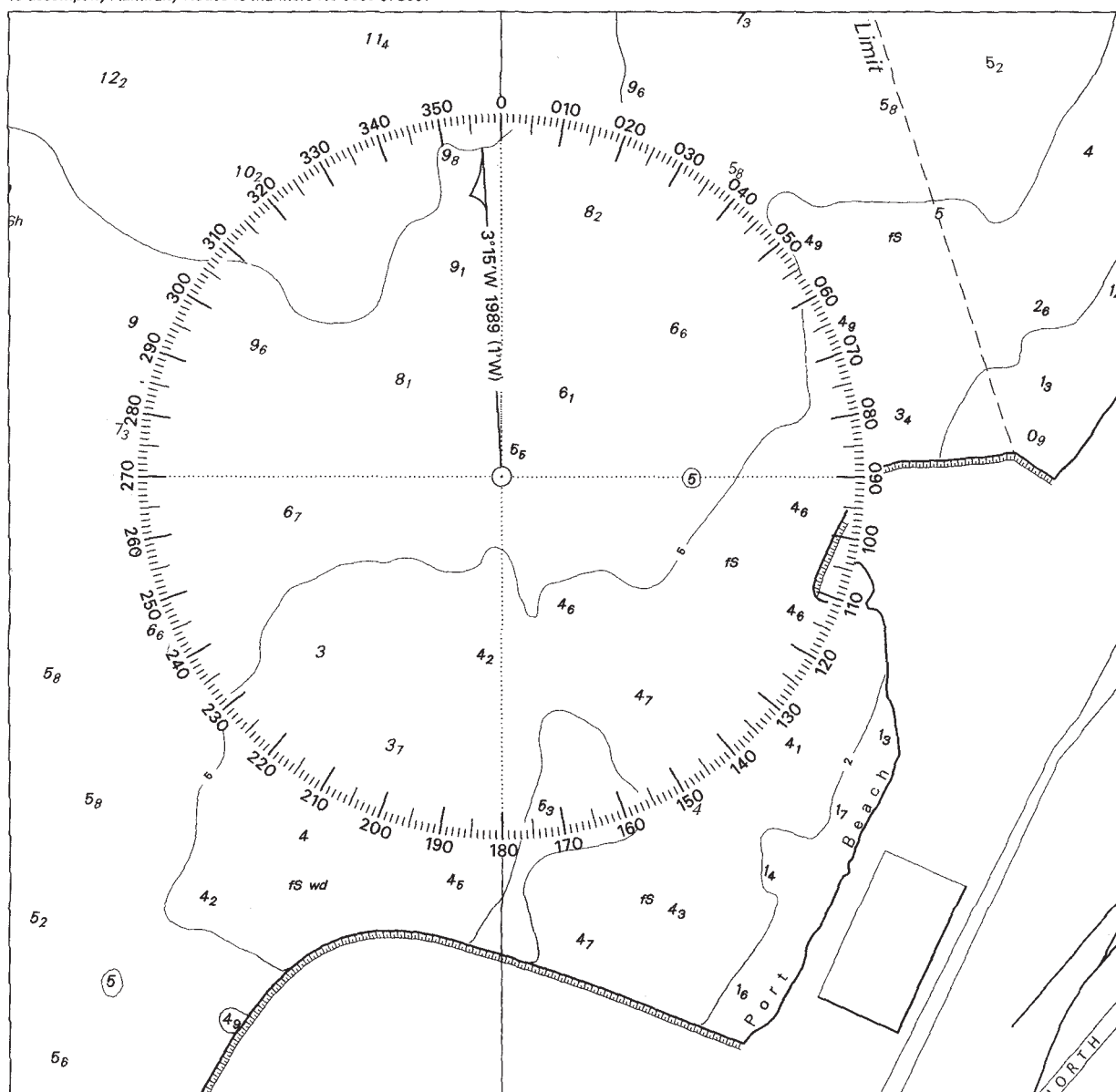
Block for Chart No 3221

To accompany Admiralty Notice to Mariners No 5057 of 2001



Block for Chart No 469

To accompany Admiralty Notice to Mariners No 5060 of 2001



Block for Chart No AUS 113

III

NAVIGATIONAL WARNINGS

See N.M. 13/01. Messages printed below are all in force on 11 December 2001. 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) 51st Week 27/12/01.

NAVAREA I warnings in force 11/12/01: 2000 series: 189 397 419 473 533.

2001 series: 088 114 116 151 152 179 222 252 258 269 283 303 311 444 447 449 450 456 457 459 465 467 472 478 487 492 493 494 495.

486 Cancelled. Cancel 481/01.

487 ENGLAND, East Coast. North Hewett Gas Field. Chart BA 1503. Hewett 48/30-8 wellhead buoy 53°05'·2N 001°51'·1E missing.

488 Cancelled.

489 Cancelled.

490 Cancelled.

491 Cancelled.

492 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 111000z Dec 01.

	53°04'·1N	004°03'·4E	Ensco 85
NEW	53°20'·4N	003°19'·4E	Ensco 80
	53°20'·8N	003°56'·8E	Noble Piet Van Ede
	53°42'·3N	004°36'·1E	Glomar Adriatic 11
	53°48'·2N	005°19'·5E	Noble Lynda Bossler

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 482/01.

III

493 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 111000z Dec 01.

	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°38'·4N	002°13'·3E	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
NEW	56°51'·2N	000°46'·0E	Bredford Dolphin
	57°04'·9N	002°05'·2E	Sedco 714
	57°08'·5N	000°38'·5E	Ocean Nomad
	57°10'·1N	000°49'·7E	Santa Fe 140
	57°48'·1N	001°01'·6W	Stena Dee
	57°49'·4N	000°58'·5W	Borgny Dolphin
NEW	57°59'·0N	000°09'·8E	Ocean Princess
NEW	58°01'·6N	001°06'·6E	Stena Spey
NEW	Invergordon	Santa Fe 135	
	58°17'·0N	002°02'·6E	Byford Dolphin
	58°18'·1N	001°42'·4W	Sedco 704
	59°09'·9N	002°29'·2E	Scarabeo 6
NEW	Bergen, Norway	Deepsea Bergen	
	59°26'·0N	001°40'·9E	Glomar Arctic 3
NEW	59°31'·3N	001°25'·4E	Sedco 711
	59°34'·9N	001°39'·3E	Borgsten Dolphin
NEW	Methil	West Epsilon	
NEW	59°44'·0N	001°34'·6E	Paul B. Loyd Jnr

NOTES:

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

2. Cancel 483/01.

494 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 111000z Dec 01.

	60°20'·1N	004°02'·2W	Transocean Leader
NEW	60°20'·4N	001°41'·7E	Transocean John Shaw
	60°20'·6N	004°14'·7W	Jack Bates
NEW	Invergordon	Sovereign Explorer	
	60°28'·1N	002°39'·2E	Deepsea Delta
NEW	60°35'·3N	004°40'·9W	West Navion
	60°42'·6N	003°30'·4E	West Venture
	60°48'·5N	003°33'·4E	Polar Pioneer
	60°51'·4N	002°39'·0E	Maersk Gallant
	60°53'·4N	003°39'·2E	Maersk Jutlander
NEW	Invergordon	Petrolia	
	60°56'·5N	001°41'·5E	Noble Ton Van Langeveld
	61°02'·0N	001°07'·7E	Sedco 712
	61°03'·3N	002°04'·4E	Deepsea Trym
	61°16'·1N	002°20'·5E	Transocean Arctic
NEW	61°22'·8N	002°06'·2E	Bideford Dolphin
NEW	61°25'·9N	002°34'·1E	West Vanguard
	61°26'·1N	001°55'·5E	Borgland Dolphin
	61°33'·9N	001°36'·4E	Ocean Guardian
	64°10'·0N	004°21'·0E	Scarabeo 5
	65°07'·1N	006°40'·5E	Transocean Searcher
	65°17'·2N	007°18'·2E	Transocean Prospect
	65°42'·1N	007°35'·8E	West Alpha

NOTES:

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

2. Cancel 484/01.

III

495 RIGLIST. South and West Coasts of the British Isles. Correct at 111000z Dec 01.

54°00'·7N 003°46'·2W Ensco 72

NOTES:

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

2. Cancel 485/01.

Cancel 099/01. ANM 4122(P)/00 refers.

Cancel 428/01. ANM 5087/01 refers.

Cancel 430/01. ANM 5086/01 refers.

(2) Navarea II (E Atlantic) 51st Week 27/12/01.

Edited Navarea II warnings in force 11/12/01: NIL.

426 to 432 received.

(3) Navarea III (Mediterranean) 51st Week 27/12/01.

Edited Navarea III warnings in force 11/12/01: 466/01, 552/01.

662 to 680 received.

(4) Navarea IV (NW Atlantic) 51st Week 27/12/01.

Edited Navarea IV warnings in force 11/12/01: 383/01.

456 to 467 received.

(5) Navarea V (W Atlantic) 51st Week 27/12/01.

Edited Navarea V warnings in force 11/12/01: 923/97, 568/98, 055/01, 1368/01.

Nil received.

(6) Navarea VI (SW Atlantic) 51st Week 27/12/01.

Edited Navarea VI warnings in force 11/12/01: 101/01, 175/01.

Nil received.

(7) Navarea VII (SE Atlantic) 51st Week 27/12/01.

Edited Navarea VII warnings in force 11/12/01: NIL

147 received.

(8) Navarea VIII (Indian Ocean) 51st Week 27/12/01.

Edited Navarea VIII warnings in force 11/12/01: 388/00, 268/01, 497/01, 569/01, 669/01.

666 to 676 received.

669 INDIA, West Coast. Okha. Chart BA 673. Dangerous Wreck reported 22°31'·0N 069°04'·7E PA.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 51st Week 27/12/01.

Edited Navarea IX warnings in force at 11/12/01: NIL.

Nil received.

(10) Navarea X (Australia, New Guinea) 51st Week 27/12/01.

Edited Navarea X warnings in force 11/12/01: 020/00.

Nil received.

III

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 51st Week 27/12/01.

Edited Navarea XI warnings in force 11/12/01: 786/01, 788/01, 791/01.
779 to 796 received.

786 MALACCA STRAIT. Pulau Langkawi, Southward. Chart BA 3943. Wreck located 05°56'·0N 099°48'·8E.

788 SOUTH CHINA SEA, Southern Part. Hon Bai Canh, Southwestward. Chart BA 3482. Dangerous Wreck located 07°55'·5N 106°04'·7E.

791 SINGAPORE STRAIT. North Channel. Ramunia Shoals, Northwestward. Chart BA 3831. Dangerous Wreck located 01°27'·3N 104°24'·6E marked by Isolated Danger light-buoy 01°27'·0N 104°24'·6E.

(12) Navarea XII (NE Pacific) 51st Week 27/12/01.

Edited Navarea XII warnings in force 11/12/01: 288/01.
370 to 378 received.

(13) Navarea XIII (NW Pacific) 51st Week 27/12/01.

Edited Navarea XIII warnings in force 11/12/01: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 51st Week 27/12/01.

Edited Navarea XIV warnings in force 11/12/01: 091/01, 239/01, 245/01.
252 to 254 received.

(15) Navarea XV (SE Pacific) 51st Week 27/12/01.

Edited Navarea XV warnings in force 11/12/01: 061/01.
114 to 117 received.

(16) Navarea XVI (E Pacific) 51st Week 27/12/01.

Edited Navarea XVI warnings in force 11/12/01: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 51st Week 27/12/01.

Edited Hydropacs in force 11/12/01: 1272/99, 1639/01, 1647/01.
1976 to 2012 received.

Cancel 1908/01. Navarea XI 791/01 refers.

(18) Hydrolants (Atlantic, Mediterranean) 51st Week 27/12/01.

Edited Hydrolants in force 11/12/01: 1516/94, 2002/98, 1581/00, 2659/01, 2748/01, 2864/01.
3083 to 3140 received.

IV

[51/01]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

There were no Section IV Notices issued in Week 50/01

NP 57B Norway Pilot Volume IIB (1979 Edition) — Supplement 10-1999

Oppløyfjorden — Overhead cables

236

L 60-62 Including existing Supplement amendment,
Replace by:

Several overhead cables, with a vertical clearance of 30 m, cross the entrance to the fjord 3 cables E of Galtnesskjeret. Overhead cables with a vertical clearance of 10 m cross from the S side of Krokøya to Monsøya.

Norwegian Chart 48
(*HH. 310/520/05*)

[51/01]

NP 68 East Coast of the United States Pilot Volume I (2001 Edition)

Code of Federal Regulations — Notices of Arrival and Departure

239

After §160.215 Insert

Note.

Temporary rule §160.T208 has introduced the following temporary amendments to §160.207:

- (i) A vessel on a voyage of 96 hours or more must report at least 96 hours before entering each port of destination (instead of 24 hours respectively).
- (ii) A vessel on a voyage of less than 96 hours (instead of 24 hours) must report before departing the previous port but not less than 24 hours before entering the port of destination.

Temporary rule §160.T212 has introduced the following temporary amendments to §160.211:

- (i) For vessels with a voyage time of 96 hours or greater, the report must be made at least 96 hours before arrival. A vessel with a voyage time of less than 96 hours, the report must be made before leaving the port of departure but no less than 24 hours before entering each port of destination.
- (ii) For a barge, the period is changed from 4 to 12 hours.

These notices of arrival and departure should now be made to the new National Vessel Movement Centre (NVMC) instead of to the individual Captains of the Port, except for foreign vessels of 300 gross tons or less in the Seventh Coast Guard District.

The exemption from making notice of arrival reports, previously granted to vessels complying with AMVER, has been suspended.

A requirement has been introduced to report any changes to previously submitted reports.

A requirement has been introduced for crew lists, passenger lists, and a general description of cargo, to be provided as additional items in the notice of arrival report.

Details of the new requirements may be obtained from the Captain of the Port of destination, shipping agents, or the US Coast Guard.

US Federal Register Volume 66/193
(*HH. 610/037/02*)

[51/01]

NP 136 Ocean Passages for the World (1987 Edition)

Main Route through South China Sea — Amendment

117

L 6 Replace by:

To Taiwan Strait, passing E of Taiwan Banks and through P'eng-hu Kang-tao.

In addition to getting smooth water and a favourable current, a great advantage in using P'eng-hu Kang-tao is the absence of big fleets of fishing junks, which are encountered along the mainland China coast and which, on a dark night or in poor visibility, are a source of great anxiety. The channel is well lighted.

L 70 For 1810 Read 1925

118

L 6-11 Delete

South China Sea — Recommended routes

119

L 60-61 Delete

United Kingdom Hydrographic Office
(*HH. 074/200/01*)

[51/01]

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[51/01]

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	154, 177	Tortugas Bank — Restricted area 01/01
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	297	Martinique - Fort de France — Submarine cable	07/01
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(HA. 905/008/001/13)

[51/01]

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

0263·5	- Den Point. SW end	50 32·4 3 30·1	Oc G 5·5s	...	...	△ on green beacon	<i>ec 0·5. Missing; Q G conical lightbuoy in situ 5m S (T) 2001</i>
	---	...	F G(vert)			Same structure	
	*		*				*
2343	- 4·1M NE. Meteorological Mast	52 59·1 1 22·0	2 Fl Y 3s	17	...	Grey tower on round yellow metal pile 67	Ra refl. Mast will remain until March 2005. Wind Farm development (P) 2004/5
	---	...	Horn Mo(U) 30s	...	...	Same structure	
	---	...	3 F R	60	...	On tower	
*	*	*	*	*	*	*	*
4208	- Reisa an t-Sruith. S end of island (N)	56 07·8 5 38·8	Fl(2)W 12s	12	7	White column, concrete base 5	<i>fl 0·5, ec 1·5, fl 0·5, ec 9·5.</i> Fl(2)W 12s 13m 5M shown from 7m scaffold tower (T) December 2001 to February 2002
							*
4254	- Rubh'an Dùin (N)	55 44·7 6 22·4	Fl(2)WR 7s	15	W 13 R 12	White stone tower 13	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5.</i> W218°-249°(31°), R249°-350°(101°), W350°-036°(46°). Unsectored Fl(2)W 7s 14m 8M shown from tower balcony (T) December 2001 to 2002
						*	*

Volume B, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

2417·5	-- Sjursøya Breakwater. Off NW head	59 53·2 10 44·7	Q G	4	2	Lantern on post	Shown 1/7-10/6. TE; replaced by buoy (T) 2001
							*
2816	- Spærholmen	58 22·9 8 44·8	Fl WRG 5s	7	W 8 R 6 G 6	White lantern	G020°-022°(2°), W022°-037°(15°), R037°-045°(8°), W045°-046°(1°), G046°-051°(5°), R051°-211°(160°), W211°-222°(11°), G222°-227°(5°)
		*			*	*	*
2818	- Fevik	58 22·0 8 40·4	Oc RG 6s	8	R 6 G 6	White lantern	G223°-231°(8°), R231°-251°(20°), G251°-311°(60°), R311°-323°(12°)
		*	*		*		*
2822	- Hesnes. Ldg Lts 227°. Håholmen. Front	58 20·5 8 40·1	Oc WRG 6s	4	W 9 R 7 G 6	White lantern	G126°-219°(93°), W219°-229°(10°), R229°-009°(140°), W009°-013°(4°), G013°-016°(3°)
		*			*		*
2822·1	--- Kvaløy. Rear	58 20·4 8 40·0	F R	14	...	White lantern	Vis 224°-230°(6°), intens on leading line
		*			*		

V

Volume B *continued.*

2828	- Hesnesøy. W point. Hesnessund Vestre	58 20.1 8 38.7	Oc WRG 6s	11	W 9 R 6 G 6	White lantern	R from shore to shore in Hesnessund, G024°-035°(11°), W035°-041°(6°), R041°-052°(11°), W150°-160°(10°)
		*			*		*
2846	- Ldg Lts 023°. Østre Tivillingholmen. Front	58 18.9 8 35.2	Oc(2)WRG 8s	7	W 5 R 3 G 3	White lantern	R020°-026°(6°), intens on leading line, R192°-200°(8°), W200°-208°(8°), G208°-282°(74°), G282°-003°(74°)
		*			*		
2846.1	-- Vessøyhodet. Rear	58 19.8 8 36.0	Oc RG 6s	20	R 5 G 5	White lantern on base	R018°-028°(10°) intens on leading line, G289°-301°(12°), R301°-311°(10°)
			*		*		
2854	- Bjørøy. NE point	58 17.4 8 33.6	Iso WRG 6s	18	W 7 R 5 G 5	White lantern	R198°-207°(9°), W207°-219°(12°), G219°-268°(49°), W268°-275°(7°), R275°-300°(25°), W300°-333°(33°), G333°-353°(20°), W353°-012.5°(19.5°), R012.5°-029°(16.5°)
		*		*	*		*
2862	- Sundholmen. N point	58 15.5 8 30.9	Oc(2)WRG 8s	8	W 5 R 3 G 3	White lantern	G067°-078°(11°), W078°-079.5°(1.5°), R079.5°-204°(124.5°), G204°-308°(104°)
		*			*		*
2864.1	--- Ramshaugen. Rear. 770m from front	58 15.9 8 30.3	Oc W 6s	29	12	White lantern on framework structure	Vis 039°-045°(6°), intens on leading line
		*	*			*	
2876	- W side. Saltholmen	58 13.8 8 24.5	Fl(3)WRG 15s	12	W 4 R 3 G 2	Aluminium lantern on tripod	(fl 0.7, ec 1.5) x 2, fl 0.7, ec 9.9 G109°-144°(35°), R144°-310°(166°), W310°-330°(20°), G330°-359°(29°), W359°-003°(4°), R003°-010°(7°)
		*			*	*	*
2899.9	- Ldg Lts 235°. Kvalsholmen. Front	58 08.5 8 17.2	Iso WRG 4s	7	W 6 R 4 G 3	White lantern	G040°-046°(6°), W046°-051°(5°), R051°-227°(176°), W227°-239°(12°), G239°-245°(6°)
	*	*		*	*		

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Volume C, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

5385	- Rankin Kivikari	60 21·2 26 57·4	UQ(5)W 6s	10	3	White metal post, red band	Racon. Ra refl
			*				
5387	- Retonpaasi	60 21·9 27 01·1	UQ(5)W 6s	10	2	White lantern on metal column	Ra refl
			*				
5408	- Merikari	60 21·1 27 05·6	UQ(5)R 6s	12	1	Mast	Ra refl
		*	*		*		
5411	Haapasaari. E side	60 17·4 27 12·3	IUQ Y 6s	4	2	Column	Vis 130°-310°(180°). F R on radio tower 0·5M WSW
					*		
5418	- Sovinnonmatala	60 28·6 27 08·5	UQ(5)W 6s	14	2	Yellow column, blue top	Ra refl
		*	*		*		
5438·58	Sunholma	60 22·1 27 18·5	VQ(5)W 6s	15	7	White lantern, red band	Vis 200°-204°(4°)
		*	*		*		
5441·3	Vaskonkari	60 27·4 27 19·1	UQ(5)G 6s	4	1	Red post, white band	
			*		*		

Volume D, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

0852			Remove Fog Signal				
1266·2	--	45 55·2 0 57·0	Fl(2)G 6s				
*	*	*	*	*	*	*	*
1307	-- Digue Sud. Head	45 37·2 1 01·5	Fl G 4s	2	6	White post, green top 4	fl 1. Vis 311°-151°(200°). TE 2001
							*
7800	Turshian Creek	24 04·6 67 24·0	Fl(3)W 20s	46	20		*

Volume E, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

4916	Remove from List						
4936·4	Bridge. Centre. N side	41 02·8 29 02·1	Q W	64			
	-- S side	...	Q W	64	...	...	TE 2001
	*		*	*			*

V

Volume E *continued*.

4936-5	- 200m NW of centre. N side	41 02-9 29 02-0	Q Y	64		
	- S side	...	Q Y	64		
	*		*	*		
4936-6	- 50m SE of centre. N side	41 02-8 29 02-0	Q R	59		
	- S side	...	Q R	59		
	*		*	*		
4937	Beylerbeyi	41 02-7 29 02-5	Fl(2)R 10s	6	9 White metal post on wall of palace	<i>fl 0-5, ec 2, fl 0-5, ec 7. Reserve light 6M</i>
					1	
				*		*
4937-4	Defterdar Burnu. Ortaköy	41 03-0 29 02-0	Fl(2)G 12s	15	5 White metal framework tower	<i>fl 0-5, ec 2, fl 0-5, ec 9. Reserve light 4M</i>
					12	
						*

Volume F, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

1058	Oyster Island. Centre. Mayu	20 11-8 92 32-3	Oc WR 15s	40	17 Black metal tower, white bands	<i>ec 5. R310°-325°(15°) over Oyster reef. W325°-310°(345°). TE 2001</i>
					43	
						*
1555	- Common Rear. Putih	4 14-2 100 35-6	Iso W 4s	10	7 ...	Vis 117-9°-137-9°(20°). TE 2001
						*
1557-4	-- NW 1	4 15-7 100 33-9	Oc R 3s	9	5 White tower	TE 2001
						*
1612	- Pulau Ketam. Tg Tentaram	3 00-1 101 12-6	Fl R 3s	10	6 Red □, on white column, on piles	
		*	*	*	*	*
2671-4	- Harbour Centre Port Terminals. LB-2	14 38-1 120 55-5	Fl R 4s	...	... Beacon	
*	*	*	*	*	*	*
2671-5	-- LB-3	14 38-1 120 55-7	Fl R 4s	...	... Beacon	
*	*	*	*	*	*	*
2671-6	-- LB-4	14 38-2 120 55-8	Fl R 4s	...	... Beacon	
*	*	*	*	*	*	*
2671-7	-- LB-5	14 38-2 120 56-0	Fl R 4s	...	... Beacon	
*	*	*	*	*	*	*

V

Volume F *continued.*

2837·2	- Outer	2 40·2 103 39·7	Q W	11	10	White □, black stripe, on white column, on piles	
		*	*	*	*	*	
4492	- Breakwater. Head	39 49·8 127 37·9	F R	12	2		
		*					
4921	<i>Remove from List</i>						
4921·2	- Saiki Wan. Breakwater. Head	33 03·0 131 55·9	Fl R 3s	10	3		
*	*	*	*	*	*	*	*
5858	- No 1 Breakwater. W Head	34 39·2 135 11·4	Iso R 6s	11	12	Red round concrete tower 12	Y and R lights mark works in progress (T) 2001 until 31 July 2002
							*
6514	- E Breakwater. S head	37 05·9 141 00·1	Fl R 5s	13	10	Red round concrete tower 9	
							*
6514·1	<i>Remove from List</i>						
6514·15	- S Breakwater. Head	37 06·0 141 00·0	Fl G 3s	14	5	White round concrete tower 11	
					*		*
6658·5	--	41 11·0 140 29·1	Fl(2)R 6s	...	3		
*	*	*	*	*	*	*	*

Volume G, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

3424·4	- Ldg Lts 044°. Front	14 42·5 92 24·2	Fl W 3s	20	14	Round concrete tower	<i>fl 1</i>
							*
3465	Morro de Papanoa	17 16·0 101 03·0	Fl(2)W 10s	130	14	Silver metal tower 12	<i>fl 1, ec 2, fl 1, ec 6. TE 2001</i>
							*
3537·67	Isla San Pedro Nolasco	27 57·7 111 22·1	Fl(3)W 12s	19	11	Silver metal tower 13	<i>(fl 1, ec 2) x 2, fl 1, ec 5. TE 2001</i>
							*
3574·1	-- No 6. Rear. 80m from front	24 11·4 110 18·1	Iso W 2s	38	17	White square masonry tower 6	TE 2001
							*
3575	- Muelle Fiscal. NE Head (Tourist Mole)	24 09·7 110 19·4	Iso G 2s	8	6	White structure, green bands 4	Fl(2)W 10s marks wreck 1·2M SW. TE 2001
							*

V

Volume H, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

0300	- Boxey Point	47 24.2 55 35.1	Fl W 3s	17	6	White □, red bands, on square framework tower	fl 0.5
					4		
			*		*	*	
0302	- English Harbour West	47 27.3 55 29.5	Fl W 4s	14	9	Red □, white band, on mast	
					4		
			*		*	*	
0304	- Saint Jacques Island. S end	47 28.4 55 24.4	Fl W 6s	40	16	White round tower	Emergency light
	---	...	Horn 30s	...	...	White flat-roofed building	bl 3. Horn points 207°
	*		*		*	*	*
0309.5	- Recontre East. Wharf	47 39.1 55 12.8	Fl R 4s	...	4	Mast	
					2		
*	*	*	*	*	*	*	*
0313.5	- Bay L'Argent. Wharf	47 32.8 54 52.8	Fl R 4s	3	4	Mast	
					2		
*	*	*	*	*	*	*	*

Volume K, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 50, dated 13th December, 2001.

4327	<i>Remove from List</i>						
4909	-- Soghonangola	9 07.1 160 09.1	Fl(2)G 10s	40	3	Orange structure	fl 0.3. TE 2001
							*
4952.3	--	17 31.3 149 31.5	Fl R 2.5s	3	5	Red □ on red beacon	fl 0.5
					5		
			*	*	*	*	*
4952.4	--	17 31.3 149 31.6	Q R	3	5	Red □ on red beacon	
					5		
			*		*	*	*

Volume L, 2001/02. Weekly Edition No. 51, Dated 27th December, 2001.

Last Amendment: Weekly Edition No. 49, dated 6th December, 2001.

2426	- Gjersholm. E point. Meløysund	66 49.8 13 33.8	Oc WRG 6s	7	W 10 R 8 G 7	White lantern on base	G212°-223°(11°), W223°-230°(7°), R230°-281°(51°), W281°-021°(100°), R021°-049°(28°), W049°-071°(22°), G071°-076(5°). Shown 1/8-5/5. TE 2001
							*

V

Volume L *continued.*

2428	- Meløya. E point. Meløyneset	66 50.3 13 35.1	Oc(2)WRG 8s	6	W 10 R 8 G 7	White lantern on base 8	G139°-148°(9°), W148°-160°(12°), R160°-222°(62°), W222°-225°(3°), G225°-283°(58°), R283°-035°(112°), W035°-039°(4°), G039°-051°(12°). Shown 1/8-5/5. TE 2001
							*
5719.1	Agto Anchor S. Ldg Lts 192.8°. Front	67 56.5 53 37.9	F G	...	...	Beacon	
	*						
5720.1	Agto Anchor E. Ldg Lts 111.6°. Front	67 56.6 53 37.6	F R	...	...	Beacon	
	*						

VI

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 51 dated 27 December 2001

VOLUME 2, 2001

Published Wk 8/01

(Last Amendments: Weekly Edition No. 50 dated 13 December 2001)

RADIOBEACONS AND RADIO DIRECTION-FINDING STATIONS

3868 Punta del Este

Delete station

Uruguayan Notice 10/94/01 (HH652/410/03 – E55) 51/01

RADAR BEACONS

57040 Kiel Lt

Delete position and replace by: 54°29'·98N 10°16'·42E

UKHO Chart 2341 51/01

Insert station:

Ardasier Bank Lt Buoy No 4 Racon

7°40'·20N 114°20'·68E **85765**
M

Insert station:

Ardasier Bank Lt Buoy No 3 Racon

7°56'·70N 114°26'·13E **85766**
K

Insert station:

Investigator Shoal Lt Buoy No 2 Racon

8°07'·25N 114°47'·83E **85767**
C

Insert station:

Investigator Shoal Lt Buoy No 1 Racon

8°09'·71N 114°43'·61E **85768**
B

Insert station:

Ardasier Bank Lt Buoy No 5 Racon

7°43'·07N 114°07'·07E **85769**
O

Malaysian Notice 10/182/01 (HH553/610/02 – E19) 51/01

VOLUME 3, 2001/02—PART 1

Published Wk 24/01

(Last Amendments: Weekly Edition No. 48 dated 29 November 2001)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 304, **UNITED KINGDOM, Thames** (Coastguard MRSC)

Delete frequency table and replace by:

Thames (Coastguard MRSC)				
A	Ch 23 73 84 86	VHF	CG District	
NOTE: Vessels should listen to the MSI announcement on VHF Ch 16 for details of the working channel to be used for the broadcast				
DIAGRAMS: pages 307, 308 and 309				

Thames Coastguard (HH080/001/021 – E42) 51/01

VI

VOLUME 3, 2001/02—PART 2

Published Wk 24/01

(Last Amendments: Weekly Edition No. 48 dated 29 November 2001)

RADIO-FACSIMILE

Page 16, **Halifax (CFH) [Facsimile]**

Schedule, line 7, C 850 mb Forecast (Wind / Temperature / Height), delete 0422(18/00) 1822(06/12) and replace by: 0522(12/00) 1822(00/12)

MetOc Centre Halifax (HH080/023/08 – E6) 51/01

VOLUME 5, 2001/02

Published Wk 31/01

(Last Amendments: Weekly Edition No. 49 dated 6 December 2001)

Page 178, **MARITIME RESCUE CO-ORDINATION CENTRES ASSOCIATED WITH INMARSAT LAND EARTH STATIONS (LESSs), New Zealand**, Associated LES, delete Netley and replace by: STRATOS

Contact details, delete Tel: and Fax: and replace by:

Tel: +64 4 9145623
Fax: +64 4 9145520

MSA NEW ZEALAND (HH080/084/04 – E3) 51/01

Page 183, **LAND EARTH STATION OPERATORS CONTACTS AND SERVICES, HELP-LINE SERVICE** delete section and replace by:

HELP-LINE SERVICE

Inmarsat 'Help-lines', which contain information about the various Inmarsat services, are available to any person, ashore or afloat, who has access to the International telephone and telex networks.

The 'Help-line' is also available on UK telex number (51) 920327 INMHLP G, 24 hours a day, 7 days a week, and is available for access by anyone with a telex terminal. This means that Inmarsat-A and -B users anywhere (or shipowners, agents, etc.), can obtain up-to-date information 24 hours a day. To use the telex 'Help-line', after connection wait for the system to exchange answerbacks; you will then be welcomed to the database. Do not type any message until you have received the welcome message. The option required should then be selected followed by . (full stop); the . (full stop) acts as the indication that you have finished your selection.

The following option facilities are available:

- (1) **Information retrieval** – A menu-driven database that can be used to retrieve any generic information placed in the database including information on Land Earth Stations and the services offered.
- (2) **Page Operator** – Whereby callers can have a 'live' telex conversation with Inmarsat Directorate personnel. This facility is available during normal UK working hours (0900-1700) when the Maritime Customer Relations Engineer will deal with answering enquiries using this facility. This facility is expected to be used when an immediate answer to a query is required.
- (3) **Director of Retrievable information** – This option gives a listing of all information available for retrieval together with the date of origination. This is to enable users to see if they have the latest updated information.
- (4) **Help** – This option contains instructions on how to use the Telex 'Help-line'.
- (5) **Query Inmarsat Ship Directory** – This facility contains the main and second ID numbers of all Inmarsat-A and Inmarsat-C equipped vessels. If the ID number is listed as ex-directory the enquirer will see the indication 'Private' instead of the ID number.
- (6) **Logoff**

Inmarsat (HH080/050/03 – E39) 51/01

VI

Page 316, **Chapter 17: DISTRESS, SEARCH AND RESCUE, NEW ZEALAND**, contact table, delete and replace by:

	Telephone +64	Telex +56	Fax +64	Others
MSA NEW ZEALAND	4 472 7367		4 473 1300	Inmarsat–C: 582 451 200 067
	e–mail: marine.duty.officer@msa.govt.nz			
TAUPO MARITIME RADIO (ZLM)	4 914 5623	94079631	4 914 5520	Inmarsat–C: 582 451 200 067 Mini–m: 00 872 761 958 175 (Fax) 00 872 761 958 176
	e–mail: maritime@bclnz.co.nz			
RCC NEW ZEALAND	4 570 1000		4 566 2525	AFTN: NZWNYCYX

MSA NEW ZEALAND (HH080/084/04 – E3) 51/01

VOLUME 6, 2001/02—PART 1

Published Wk 41/01

(Last Amendments: Weekly Edition No. 50 dated 13 December 2001)

Page 63, **IRELAND, REPUBLIC OF**, delete name **SHANNON ESTUARY PORTS** and replace by: **SHANNON ESTUARY**

Pilots, AREA, line 1, delete Shannon Estuary Ports and replace by: Shannon Foynes Company Ports

Delete **Port** section

Page 64, **IRELAND, REPUBLIC OF, Foynes Harbour**

Delete **Pilot and Port** section and replace by:

Pilots and Port

CALL: Shannon Estuary Radio

LOCATION: Foynes

TELEPHONE: +353(0)69 65111

FAX: +353(0)69 65552

E–MAIL: acoghlan@sep.ie

FREQUENCY: Ch 16; 12 13

HOURS: Office hours and when a vessel is expected

PROCEDURE: Inlet pilot boards near Foynes entrance.

Limerick

52°40'N 8°38'W

Port

FREQUENCY: Ch 16; 12 13

Shannon Foynes Company (HH080/001/21 – E40) 51/01

Page 66, **NETHERLANDS, DELFZIJL**

Pilots, FREQUENCY, delete Inmarsat–C: Mailbox 31 8441 (PSTN)

Pilot Office, delete 14 and replace by: 66

Netherlands Loodswezen regio Noord (HH080/002/10 – E8) 51/01

Page 67, **Vessel Traffic Services Delfzijl/Eemshaven**

FREQUENCY, delete and replace by:

FREQUENCY: Delfzijl Radar: Ch 01

Eemshaven Radar: Ch 03

Delfzijl/Eemshaven Port Control: Ch 66

Intership (Eemskanaal): Ch 10

Netherlands Hydrographic Office (HH080/002/10 – E10) 51/01

Page 73, **NETHERLANDS, HARLINGEN**

Pilots, after TELEX: +44 53785 insert:

E–MAIL: lodicon@loodswezen.nl

Netherlands Loodswezen regio Noord (HH080/002/10 – E8) 51/01

Page 216, **UNITED KINGDOM, Fawley**

Esso Marine Terminal, delete TELEPHONE and replace by:

TELEPHONE: +44(0)23 8089 6428 (H24)

Esso Petroleum Company Limited (HH080/001/22 – E1) 51/01

VOLUME 6, 2001/02—PART 2

Published Wk 41/01

(Last Amendments: Weekly Edition No. 50 dated 13 December 2001)

Page 134, **GERMANY (North Sea Coast), NORD–OSTSEE KANAL (KIEL KANAL)**

Vessel Traffic Service, delete FAX and FREQUENCY and replace by:

FAX: Kiel Canal 2: +49(0)4852 88 54 07

FREQUENCY: VTS Centre Kiel Canal 1 : Ch 09 13

VTS Centre Kiel Canal 2 : Ch 02

German Radio List and German Notices 46/01 51/01

Page 136, **GERMANY (North Sea Coast), WESER AND HUNTE**

Pilots, before TELEPHONE section insert:

Weser Pilots (Bremerhaven and Bremen):

51/01

Before **Vessel Traffic Service** section insert:

Hunte Pilots (Elsfleth):

TELEPHONE & FAX: +49(0)44 04 24 48

E–MAIL: bigeschke@surfeu.de

PROCEDURE: Request for pilots should be sent 48h before arrival stating the following information:

(1) Vessel's name and call sign

(2) ETA Elsfleth

(3) Port of destination

(4) Draught (in decimetres)

(5) Length and beam (in metres)

German VTS Guide and German Notices 45/01 51/01

VI

VOLUME 6, 2001/02—PART 3

Published Wk 41/01

(Last Amendments: Weekly Edition No. 49 dated 6 December 2001)

Page 122, ITALY, TERMINI IMERESE, Sicilia

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

Pilots and Port

TELEPHONE: +39(0)091 8141007
FAX: +39(0)091 8141857
E-MAIL: circomare-termini@libero.it
FREQUENCY: Ch 16; 14
HOURS: 0800–2000

Italian Notice 21.37/2001 (HH080/009/05 – E30) 51/01

VOLUME 6, 2001/02—PART 4

Published Wk 41/01

(Last Amendments: Weekly Edition No. 50 dated 13 December 2001)

Page 274, THAILAND (East Coast), ERAWAN AND PLATONG MARINE TERMINALS

Reporting System, REPORTING, add new section as follows:

Continued on next column

(4) Northern Approach: Vessels heading to the Northern Export Anchorage (9°39'·8N 101°29'·05E) must approach from the east, using the Northern Approach Lane and passing between the following two points:

(a) Northern Approach Lane Point NA-1: 9°37'·3N 101°35'·0E

(b) Northern Approach Lane Point NA-2: 9°42'·3N 101°35'·0E

Vessels must report to Platong FSO on VHF Ch 17 or Marine Control on VHF Ch 09 before coming within 10 n miles of the Restricted Area.

(former amendment 45/01)

Unocal Thailand Ltd (HH544/180/04 – E67) 51/01

VOLUME 6, 2001/02—PART 5

Published Wk 41/01

(Last Amendments: Weekly Edition No. 49 dated 6 December 2001)

Page 138, LEEWARD ISLANDS, PHILIPSBURG, Sint Maarten (Netherlands)

Pilots, Port and Terminals, PROCEDURE, delete section (5) and replace by:

(5) Pilot boards in position 18°00'·38N 63°04'·15W

Netherlands Notice 46/638/01 (HH671/450/04 – E15) 51/01

ADMIRALTY MARITIME COMMUNICATIONS NP289 – SECOND EDITION UNITED KINGDOM AND THE MEDITERRANEAN

Published Wk 15/01

(Last Amendments: Weekly Edition No. 47 dated 22 November 2001)

Page 135, La Garde [W] 518 kHz [S] 490 kHz (CROSS) (MRCC),

delete station and replace by:

La Garde [W] 518 kHz [S] 490 kHz (CROSS) (MRCC)					
MF	A	1696	VHF	B	
			Agde	Ch 79	43°18'N 3°30'E
			Mont Coudon	Ch 80	43°10'N 6°00'E
NAVTEX	C [W]	518 kHz	Pic de l'Ours	Ch 80	43°28'N 6°54'E
	D [S]	490 kHz	Pic de Neoulos	Ch 79	42°29'N 2°56'E
			Phare du Planier	Ch 80	43°12'N 5°14'E

Continued on next page

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Weather Warnings

A: On receipt. Every H+03. Storm warnings and B.M.S. (Special Meteorological Bulletins) for Golfe du Lion.

B: On receipt. Every H+03. Storm warnings and B.M.S. for coastal waters from Cerebère (French/Spanish border) to Menton (French/Italian border). B.M.S. for the area affected are only broadcast from the nearest VHF transmitter site whilst bulletin is in force. Broadcasts are made successively, in order from Pic de Neoulos to Pic de l'Ours

C: On receipt. 0340 0740 1140 1540 1940 2340 In English for Areas 514 (Eastern part), 515, 516, 521, 522, 523, 531–534 **see diagram on page 138**

Weather Bulletins

A: 1433 LT Gale warnings, synopsis and 24 hour forecast in French for Golfe du Lion

B: 0715 1233 1915 LT Gale warnings, synopsis and 24 hour forecast for coastal waters from Cerebère (French/Spanish border) to Menton (French/Italian border). Broadcasts are made successively, in order from Pic de Neoulos to Pic de l'Ours

C: 1140 2340 In English

D: 0700 1900 In French, Storm warnings, synopsis and development, 24 hour forecast for Areas 514 (Eastern part), 515, 516, 521, 522, 523, 531–534 **(Refer to diagram on page 138)**

Navigational Warnings

A: 0833 1603 LT Warnings for Golfe du Lion.

CROSS La Garde (HH080/007/07 – E24) 51/01

ADMIRALTY MARITIME COMMUNICATIONS NP290 – FIRST EDITION CARIBBEAN

Published Wk 21/01

(Last Amendments: Weekly Edition No. 47 dated 22 November 2001)

Page 120, **LAND EARTH STATION OPERATORS CONTACTS AND SERVICES** table,

Page 120, row 4, COMSAT Mobile Communications, delete and replace by:

COMSAT Mobile Communications	USA	A,B,C,m,M, GAN	Tel: +1 301 214 3100 Fax: +1 301 214 7284 Telex: +23 229717	cmc.customercare@comsat.com
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51/01

Page 120, rows 15 and 19, Station 12 and Telstra, delete.

Page 120, insert rows:

Xantic (Station 12)	Netherlands	A,B,C,D,m,M, GAN	Tel: +31 70 343 4543 Fax: +31 70 343 4796 Telex: +44 41400	services@xantic.net
Xantic (Telstra)	Australia	A,B,C,m,M, GAN	Tel: +61 7 5490 9090 Fax: +61 7 5490 9094 Telex: +71 22432	services@xantic.net

Inmarsat (HH080/050/03 – E38) 51/01

Page 121, **INMARSAT-A SERVICE PROVIDERS**, delete table and replace by:

INMARSAT–A SERVICE PROVIDERS ACCESS CODES

Service Provider	Country	AOR–W		AOR–E		POR	
		Octal	Decimal	Octal	Decimal	Octal	Decimal
Cable & Wireless (HKG Telecom)	Hong Kong (China)	13–6	11–6	13–6	11–6	13–6	11–6
Comsat Mobile Communications	USA	01	01	01	01	01	01
DeTeSaT – Deutsche Telekom	Germany	17	15	17	15	17	15
Eik Global Communications	Norway	04	04	04	04	05	05
Embratel	Brazil			14	12		
France Telecom	France	17	17	17	17	17	17

Continued on next page

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KDD	Japan	03	03	03	03	03	03
OTE	Greece	07	07	15	13	07	07
Polish Telecom	Poland			16	14		
Saudi Telecom Co.	Saudi Arabia						
Singapore Telecom	Singapore	10	8	13–5	11–5	10	08
Stratos Mobile Networks	Canada	13–1	11–1	13–1	11–1	13–1	11–1
Stratos Mobile Networks	Canada	02	02	02	02	05	05
Telecom Italia	Italy	05	05	05	05	13–4	11–4
Türk Telecom	Turkey			10	08		
Xantic (Station 12)	Netherlands	12	12	12	12	12	12
Xantic (Telstra)	Australia	13–3	13–3	13–3	13–3	02	02

51/01

Page 122, **INMARSAT-C SERVICE PROVIDERS**, delete table and replace by:

INMARSAT–C SERVICE PROVIDERS ACCESS CODES

Land earth station operator	Country	OCEAN REGION		
		AOR–W	AOR–E	POR
Comsat Mobile Communications	USA	001	101	201
CP Radio Marconi	Portugal		118	
DeTeSaT – Deutsche Telekom	Germany	021	121	221
Eik Global Communications	Norway	004	104	204
Embratel	Brazil		114	
France Telecom	France		121	
KDD	Japan	003	103	203
OTE	Greece		120	
Polish Telecom	Poland		116	
Saudi Telecom Co	Saudi Arabia		125	
Singapore Telecom	Singapore			210
Stratos Mobile Networks	Canada	002	102	202
Telecom Italia	Italy		105	
Türk Telecom	Turkey		110	
Xantic (Station 12)	Netherlands	012	112	212
Xantic (Telstra)	Australia	022	122	222

Inmarsat (HH080/050/03 – E38) 51/01

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