



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 48

29 November 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
Other navigational information:	e-mail: hdcfiles@ukho.gov.uk
General enquiries:	e-mail: generalenquiries@ukho.gov.uk
General Website	Web: www.ukho.gov.uk
Other matters:	Fax: +44(0)1823 284077 Telex: 46274

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

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

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

Access Details:

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

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

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

www.ukho.gov.uk.

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

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

www.ukho.gov.uk/notices_to_mariners.html

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

Details of File Content.

Weekly Notices to Mariners.

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49-RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

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

Annual Summary of Admiralty Notices to Mariners (NP247).

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

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

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

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

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

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

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49-RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

NM Feedback Form.

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

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

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

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

Help-Line

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

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

Fax: +44 (0) 1823 331945

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

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I

EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

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EXPLANATORY NOTES

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

While every effort is made to ensure the accuracy of the information on Admiralty charts and other publications, it should be appreciated that it may not always be complete and up-to-date. The mariner must be the final judge of the reliance he can place on the information given, bearing in mind his particular circumstances, local pilotage guidance and the judicious use of available navigational aids.

Charts

Charts should be used with prudence: there are areas where the source data are old, incomplete or of poor quality. The mariner should use the largest scale appropriate for his particular purpose; apart from being the most detailed, the larger scales are usually corrected first. When extensive new information (such as a new hydrographic survey) is received, some months must elapse before it can be fully incorporated in published charts.

On small scale charts of ocean areas where hydrographic information is, in many cases, still sparse, charted shoals may be in error as regards position, least depth and extent. Undiscovered dangers may exist, particularly away from well-established routes.

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[48/01]

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 29 November 2001

Chart	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
©3222 INT 1877	International Chart Series, Portugal - West Coast, Lisboa, Alcântara to Canal do Montijo. 38°37'00N. — 38°43'10N., 9°00'00W. — 9°11'00W. (A) Alfeite. 38°39'90N. — 38°40'90N., 9°08'00W. — 9°09'12W. (B) Azinheira. 38°38'50N. — 38°39'15N., 9°04'20W. — 9°05'00W. (C) Montijo. 38°41'30N. — 38°42'50N., 8°58'00W. — 9°00'50W. <i>One of a series of new charts providing improved coverage of the Port of Lisbon. (A replacement for chart 3264). (A modified reproduction of INT 1877 originally published by Portugal in 2000).</i>	1:15,000 1:7,500 1:7,500 1:15,000	18	38	£16·30

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 29 November 2001

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
©18	England - South Coast, Falmouth Inner Harbour including Penryn. 50°08'60N. — 50°10'36N., 5°02'31W. — 5°06'25W. <i>Limits of the chart have been revised to provide improved coverage from Pendennis Point to Penryn. Includes extensive changes to depths, port facilities and a new anchoring prohibited area. (The title has been changed).</i>	1:5,000	1	18	£16·30
©588	United States - West Coast, California, San Francisco Bay, Golden Gate to Alameda. Continuation to Alameda. <i>Includes changes to Oakland Middle Harbor, depths throughout and the removal of restricted areas.</i>	1:20,000 1:20,000	89	108	£16·30
©591	United States - West Coast, California, San Francisco Harbor and Approaches. <i>This partial new edition is limited to include changes to Oakland Middle Harbor and the removal of restricted areas throughout.</i>	1:50,000	89	108	£16·30

*UK (RRP) means UK recommended retail price.

© denotes chart available in the ARCS series.

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 29 November 2001 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
©902 INT 1334	International Chart Series, The Sound - Denmark, København Havn. Ⓐ Knippelsbros Passage Span. Ⓑ Langebros Passage Span. Ⓒ Slusehavnen Lock and Sjællandsbroens Passage Span. <i>Includes submarine cable through København Havn from Kastellet to Slusehavnen.</i> <i>Note: On publication of this New Edition Former Notice 4014(P)/01 is cancelled.</i>	1:12,500 1:2,000 1:2,000 1:3,000	10	30	£16.30
1375	South Pacific Ocean, Archipiélago de Colón, (Galapagos Islands). Ⓐ Isla Isabela, Bahía Isabel. Ⓑ Isla Isabela, Villamil. Ⓒ Isla Santa Cruz, Bahía Academia. Ⓓ Isla San Cristóbal, Bahía Stephens. Ⓔ Isla Isabela, Caleta Tagus. Ⓕ Isla San Cristóbal, Bahía Naufragio. <i>This partial new edition is limited to include changes to shoal depths and lights.</i> <i>Note: On publication of this New Edition Former Notice 432(T)/99 is cancelled.</i>	1:750,000 1:36,000 1:36,000 1:36,000 1:36,000 1:12,000 1:12,000	88	110	£16.30
©1702	Mediterranean Sea - Islas Baleares, Ibiza, Formentera and Southern Mallorca. <i>Includes changes throughout from the latest editions of Spanish Government Charts.</i>	1:300,000	25	38	£16.30
©1765	Republic of Ireland - South Coast, Old Head of Kinsale to Power Head. <i>Includes recent Port of Cork Company surveys.</i> <i>Note: On publication of this New Edition Former Notice 1417(P)/01 is cancelled. This chart is to be deleted from the list of charts affected by Former Notice 2741(P)/99.</i>	1:50,000	2	18	£16.30

*UK (RRP) means UK recommended retail price.

© denotes chart available in the ARCS series.

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 29 November 2001 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙2417	Harbours on the North Coast of Central America.		88	120	£16·30
	Ⓐ Panama - North Coast, Golfo de San Blas including Puerto Mandinga.	1:50,000			
	Ⓑ Puerto Nicuesa.	1:29,030			
	Ⓒ Panama - North Coast, Bahía Nombre de Dios and Rada Playa de Damas.	1:12,500			
	Ⓓ Panama - North Coast, Isla de Pinos Anchorage.	1:18,900			
	Ⓔ Panama - North Coast, Portobelo.	1:18,000			
	<i>This partial new edition is limited to include changes to depths on the plan of "Golfo de San Blas including Puerto Mandinga" and changes to shoal depths and coastline on the plan of "Portobelo". (The title of plan, "Puerto Bello" has been changed to "Portobelo").</i>				
⊙2595 INT 1332	International Chart Series, Entrance to the Baltic, The Sound, Southern Part.	1:75,000	10	30	£16·30
	Ⓐ Køge.	1:10,000			
	<i>Includes changes to depths in Swedish Waters and in Danish Waters in the Drogden channel and south of Saltholm from the latest Danish Government Chart.</i>				
	<i>Note: This chart remains affected by Former Notice 3864(T)/00.</i>				
⊙2598	Singapore and Indonesia, Main Strait and Selat Phillip. 1°01'·60N. — 1°12'·70N., 103°33'·20E. — 103°49'·70E.	1:30,000	45	64	£16·30
	<i>Includes new survey information and changes to anchorages and lights. (The northern limit of the chart has been revised to include Semakau directional light).</i>				
	<i>Note: This chart is to be deleted from the list of charts affected by Former Notice 4106(P)/01.</i>				
⊙2985 INT 1842	International Chart Series, France - West Coast, La Loire, Saint - Nazaire to Nantes.		17	17	£16·30
	Ⓐ Pointe de Mindin to Paimbœuf.	1:15,000			
	Ⓑ Paimbœuf to Ile de Bois.	1:20,000			
	Ⓒ Ile de Bois to Nantes.	1:20,000			
	Ⓓ Nantes.	1:15,000			
	<i>This partial new edition is limited to include changes to buoyage in the Loire river.</i>				
	<i>Note: This chart is to be deleted from the list of charts affected by Former Notice 3417(P)/01.</i>				

*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 29 November 2001 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙2989 INT 1841	International Chart Series, France - West Coast, Entrance to La Loire. <i>This partial new edition is limited to include changes to buoyage in the Loire river.</i> <i>Note:</i> This chart is to be deleted from the list of charts affected by Former Notice 3417(P)/01.	1:15,000	17	17	£16.30
⊙3850	United States, Gulf of Mexico, Galveston Bay to Ship Shoal. <i>This partial new edition is limited to include changes to oilfield information.</i> <i>Note:</i> On publication of this New Edition Former Notice 3743(P)/01 is cancelled.	1:500,000	83	118	£16.30
⊙3854	United States - Gulf of Mexico, Louisiana - Texas, Freeport to Calcasieu Pass. Freeport. <i>This partial new edition is limited to include changes to oilfield information and selected depths.</i> <i>Note:</i> On publication of this New Edition Former Notice 3743(P)/01 is cancelled.	1:250,000 1:40,000	83	118	£16.30

Admiralty Publications

NP No.	Title and other remarks	Date	UK(RRP)*	Remarks
NP 81	Admiralty List of Lights and Fog Signals Volume H 2001/02 Northern and Eastern Coasts of Canada including River Saint Lawrence and Saint Lawrence Seaway.	8/11/01	£21	Amended to Week 45/01 dated 8th November 2001. First amendment in Week 48/01. Volume H, 2000/01 is thereby cancelled.

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 3 JANUARY 2002

New Editions of Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
587	Central America - West Coast, Isla Coiba to Bahía Manzanillo. <i>This partial new edition is limited to include changes to depths and coastal information within the area of larger scale charts.</i>	1:2,189,000	587
1596	Greece - Saronikós Kólpos, Peiraiás. <i>This new edition includes changes to depths, coastline and names.</i>	1:12,500	1596

*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 3 JANUARY 2002

New Editions of Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
2579	West Indies, Cuba. 19°00'·0N. — 24°40'·0N., 73°23'·0W. — 85°17'·0W. <i>This partial new edition is limited to include changes to lights. Limits of charts revised to give improved coverage.</i>	1:967,000	2579
3089	South America - West Coast, Ports on the Coast of Peru. Ⓐ Talara. Ⓑ Punta Pariñas to Caleta Lobitos. Ⓒ Pimentel. Ⓓ Cabo Blanco. Ⓔ Pacasmayo. Ⓕ Paita. Ⓖ Caleta Lobitos. Ⓗ Salaverry. <i>This partial new edition is limited to include changes to depths and anchorage areas on the plan of Talara and changes to depths on other plans.</i>	1:15,000 1:75,000 1:25,000 1:10,000 1:75,000 1:30,000 1:30,000 1:15,000	3089
4602 INT 602	International Chart Series, South Pacific Ocean, Tasman and Coral Seas, Australia to Northern New Zealand and Fiji. <i>General amendments throughout, including the new Southern Cross submarine cables and updating lines of equal magnetic variation.</i>	1:3,500,000	4602 INT 602
4710 INT 710	International Chart Series, Indian Ocean, Cape Leeuwin to Southeast Indian Ridge. <i>General amendments throughout, including updating lines of equal magnetic variation.</i>	1:3,500,000	4710 INT 710

*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 3 JANUARY 2002

New Editions of Admiralty Charts (continued)

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
SC 5600	The Solent and Approaches.		SC 5600 4th Edition.
5600.1	Outer Approaches to the Solent.	1:150,000	
5600.2	Western Solent.	1:75,000	
5600.3	Eastern Solent.	1:75,000	
	Plan: Bembridge.	1:15,000	
5600.4	Needles Channel and Approaches.	1:25,000	
5600.5	Yarmouth to Beaulieu River.	1:25,000	
	Plan: Yarmouth Harbour.	1:6,000	
	Continuation of Beaulieu River.	1:25,000	
5600.6	Stansore Point to Ryde.	1:25,000	
	Continuation of Medina River.	1:25,000	
5600.7	Spithead.	1:25,000	
5600.8	Southampton Water and Approaches.	1:25,000	
	Plan: River Itchen.	1:10,000	
	Plan: Entrance to River Hamble.	1:10,000	
5600.9	Portsmouth and Langstone Harbours	1:25,000	
	Continuation of Fareham Lake.	1:25,000	
5600.10	Chichester Harbour.	1:25,000	
	Continuation of Fishbourne Channel.	1:25,000	
5600.11	Cowes to River Hamble.	1:25,000	
5600.12	Cowes to Folly Point.	1:3,500	

This is the fifth edition of this leisure folio covering the waters around the Isle of Wight. A twelfth sheet has been added to this popular folio, providing extremely detailed coverage of Cowes and the Medina River. All charts have been updated from the latest editions of the source charts and Notices to Mariners updates to the date of printing this folio.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 3 JANUARY 2002

New Editions of Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
SC 5601	East Devon and Dorset Coast, Exmouth to Christchurch.		SC 5601 2nd Edition
5601.1	Start Point to the Needles.	1:325,000	
5601.2	Teignmouth to Lyme Regis.	1:75,000	
5601.3	Lyme Regis to Portland.	1:75,000	
	Plan A: Lyme Regis Harbour.	1:12,500	
	Plan B: Bridport Harbour.	1:3,500	
5601.4	Bill of Portland to Saint Alban's Head.	1:75,000	
5601.5	Saint Alban's Head to the Needles.	1:75,000	
5601.6	River Exe.	1:16,000	
	Plan A: Continuation to Topsham.	1:16,000	
	Plan B: Continuation to Exeter.	1:16,000	
5601.7	Weymouth and Portland.	1:20,000	
	Plan: Weymouth Harbour.	1:5,000	
5601.8	Swanage and Studland Bays.	1:12,500	
5601.9	Poole Harbour, Eastern Part.	1:12,500	
5601.10	Poole Harbour, Western Part.	1:12,500	
5601.11	Plans on the Dorset Coast.		
	Plan A: Approaches to Wareham.	1:12,500	
	Plan B: Worbarrow Bay.	1:12,500	
	Plan C: Lulworth Cove.	1:5,000	
	Plan D: Chapman's Pool.	1:12,500	
5601.12	Christchurch Harbour.	1:7,500	
	Continuation of the River Stour.	1:7,500	

This is the third edition of this leisure folio covering the waters from Exmouth to Christchurch. Two of the sheets have been completely recompiled and a twelfth sheet added to provide better scale coverage of the whole of Poole Harbour and the Wareham Channel. These sheets now use full-size soundings and symbols to provide greater clarity in use. All the charts have been updated from the latest editions of the source charts and Notices to Mariners updates to the date of printing this folio. All sheets are referred to a WGS 84 compatible datum for ease of plotting positions from GPS navigational systems.

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>
18	England - South Coast, Falmouth Inner Harbour.	⊙18
588	United States - West Coast, California, San Francisco Bay, Golden Gate to Alameda.	⊙588
591	United States - West Coast, California, San Francisco Harbor and Approaches.	⊙591
902 INT 1334	International Chart Series, The Sound - Denmark, Københavns Havn.	⊙902 INT 1334
1375	South Pacific Ocean, Archipiélago de Colón, (Galapagos Islands).	1375
1702	Mediterranean Sea - Islas Baleares, Ibiza, Formentera and Southern Mallorca.	⊙1702
1765	Republic of Ireland - South Coast, Old Head of Kinsale to Power Head.	⊙1765
2417	Harbours on the North Coast of Central America.	⊙2417
2595 INT 1332	International Chart Series, Entrance to the Baltic, The Sound, Southern Part.	⊙2595 INT 1332
2598	Singapore and Indonesia, Main Strait and Selat Phillip.	⊙2598
2985 INT 1842	International Chart Series, France - West Coast, La Loire, Saint - Nazaire to Nantes.	⊙2985 INT 1842
2989 INT 1841	International Chart Series, France - West Coast, Entrance to La Loire.	⊙2989 INT 1841
3264	Portugal - West Coast, Lisboa.	⊙3222 INT 1877
3850	United States, Gulf of Mexico, Galveston Bay to Ship Shoal.	⊙3850
3854	United States - Gulf of Mexico, Louisiana - Texas, Freeport to Calcasieu Pass.	⊙3854

⊙ denotes chart available in the ARCS series.

II

TIDECALC AREA DISKS PERMANENTLY WITHDRAWN

NP No.

158A1	Area 1	UK, Ireland, Channel Islands.
158A2	Area 2	Europe (Russia to Gibraltar excluding Iceland & Greenland but including Channel Islands) and Mediterranean.
158A3	Area 3	Red Sea, The Gulf, Iran, Pakistan, India, Maldives, Sri Lanka, Chagos Arch, Bangladesh, Burma, Andaman & Nicobar Is, Indian Ocean Is.
158A4	Area 4	Thailand, Peninsular Malaysia, Sumatera, Banka, Billiton, Central China Sea, Vietnam, Philippines, Cambodia.
158A5	Area 5	Sulu Arch, Borneo, Sabah, Brunei, Sarawak, Kalimantan, Celebes Sea, Jawa, Sulawesi, Bali, Irian Jaya, Papua New Guinea, Bismarck Arch.
158A6	Area 6	Solomon Is, Vanuatu, Îles Loyauté, Nouvelle Calédonie, Australia.
158A7	Area 7	New Zealand, Pacific Ocean Is, Samoa, Hawaii, Fiji, Marshall Is, Marianas Is, China.
158A8	Area 8	Korea and Japan.
158A9	Area 9	Pacific Russia, West Coast of Canada and USA, Mexico, West Coast of South America.
158A10	Area 10	Antarctica, East Coast of South America, Caribbean, Bahamas, Bermuda.
158A11	Area 11	Gulf of Mexico, East Coast of USA and Canada, Hudson Bay & Strait.
158A12	Area 12	Canadian Arctic, Alaska, Greenland, Iceland, Svalbard, Franz Joseph Land, Azores, Madeira, Canary Is, Cape Verde Is, West & East Coasts of Africa, Madagascar, Mauritius, Seychelles.
158A13	Area 13	UK Offshore

ADMIRALTY NOTICES TO MARINERS - SMALL CRAFT EDITION (NP 246)

It is intended that this product be withdrawn from the inventory of Admiralty Charts and Publications.

The paper version of the Small Craft Notices to Mariners (NP246) will no longer be produced after the October 2001 edition (NP246D-01). The last version to be available, NP246A-02, (in digital format only), will be posted on the website during February 2002.

From December 2001, customers will be able to use a fully searchable NMs database, free of charge, on the UKHO website at www.ukho.gov.uk

Any queries regarding this announcement should be directed to:

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Erratum to Notice to Mariners Week 45/01.

Section I - INDEX OF CHARTS AFFECTED.

<u>Admiralty Chart No.</u>	<u>Notices</u>
Insert	
3773	4484
Amend to read	
3753	4452, 4453

Section II Page 2.2 -

Chart 3090 is to be indicated as being available in the ARCS series.

II

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE TO BE TRANSFERRED TO A WGS 84 COMPATIBLE DATUM IN DECEMBER 2001

No charts of Great Britain will be transferred to WGS 84 compatible datum in December 2001.

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE PROVISIONALLY SCHEDULED TO BE TRANSFERRED TO A WGS 84 COMPATIBLE DATUM BETWEEN JANUARY 2002 AND MARCH 2002

The following charts are provisionally scheduled to be transferred to a WGS 84 compatible datum between January 2002 and March 2002. It should be noted that actual publication dates are subject to priorities within the UKHO and could be later than those indicated.

January 2002: River Humber and Approaches – 107, 109, 121, 1187, 1188, 1190, 3497;
Cardigan and Caernarfon Bays – 1410, 1484, 1512, 1970, 1971, 1972, 1973.

February 2002: Southern North Sea – 1406, 1408; English Channel, Western Entrance - 2655; Irish Sea, Eastern Part - 1826.

March 2002: No charts.

This list will be up-dated in Weekly 1, 3 January 2002.

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

4850 MISCELLANEOUS UPDATES TO CHARTS

Chart	Previous Notice to Mariners	Details
3221 INT 1876	2585/01	Insert magenta limit and chart number 3222, joining the following positions: 38° 40'·90N., 9° 09'·12W. 38° 40'·90N., 9° 08'·32W. 38° 40'·73N., 9° 08'·00W. 38° 39'·90N., 9° 08'·00W. 38° 39'·90N., 9° 09'·12W. Substitute reference, <i>Adjoining Chart</i> 3222, for reference, <i>Adjoining Chart</i> 3264 (Positions—see Note), in E. border at latitude, 38° 42'·25N. Delete magenta limits and chart number, 3264 (Positions—see Note), in position 38° 42'·55N., 9° 07'·30W. Delete note, CHART 3264: POSITIONS, in position 38° 43'·3N., 9° 16'·7W.
3635	4686/01	Insert magenta limit and chart reference, 3222, joining the following positions: 38° 43'·10N., 9° 11'·00W. 38° 43'·10N., 9° 00'·00W. 38° 42'·50N., 9° 00'·00W. 38° 42'·50N., 8° 58'·00W. 38° 41'·30N., 8° 58'·00W. 38° 41'·30N., 9° 00'·00W. 38° 37'·00N., 9° 00'·00W. 38° 37'·00N., 9° 11'·00W. Delete magenta limit and chart number, 3264 (see Note), in position 38° 38'·0N., 8° 58'·0W. Delete note CHART 3264: POSITIONS in position 39° 05'·0N., 8° 59'·5W.

UK Hydrographic Office.

4769* WALES, South Coast — Cardiff Roads — Cardiff Grounds — Depth; Drying height

Insert	depth 5 ₄ m and extend 10m contour SE. to enclose drying height 4 ₄ m	(a) 51° 24'·38N., 3° 07'·80W. 51° 25'·26N., 3° 06'·90W.
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].— 1182 (INT 1653) [4768/01] — 1176 (INT 1654) [4768/01] — 1152 (a) [4768/01]	
Trinity House	(HH.218/400/14).	

4770 FÆROE ISLANDS — Eysturoy — Fuglafjørður — Wreck

Delete	⊕ PA Mast (covers) Buoyed	62° 14'·34N., 6° 48'·90W.
Chart	[Last correction].— 3557 (plan, Fuglafjørður) [3834/01]	
Danish Notice	42/982/01 (HH.335/420/03).	

4771 NORWAY, West Coast — Trondheimsfjorden — Marine farms

Insert	the accompanying note, MARINE FARMS, centred on:	63° 44'·50N., 10° 34'·30E.
Chart	[Last correction].— 3398 (plan A) [1004/01]	
Norwegian Chart	131 (HH.310/500/04).	

4772 NORWAY, South-East Coast — Tromøysundet — Smalingen — Vertical clearance

Amend	vertical clearance to, 34·1m	58° 28'·300N., 8° 49'·420E.
Chart	[Last correction].— 3152 (plan, Arendal Havn) [3089/01]	
Norwegian Chart	453 (HH.311/660/03).	

4773 NORWAY, South Coast — Approaches to Skien — Frierfjorden — Rafnes Northwards and Folkvang — Depth; Lights

Insert	depth 10m enclosed by 10m contour	(a) 59° 06'·37N., 9° 35'·26E.
Amend	light to, FR	(b) 59° 06'·67N., 9° 38'·47E.
	light to, FG	(c) 59° 06'·66N., 9° 38'·49E.
Chart	[Last correction].— 1327 (plan, Porsgrunn Havn) (b,c) & 1327 (a) [4120/01]	
Light List Vol. B,	2001/02, 2645, 2645.2	
Norwegian Chart	474 (HH.311/640/03).	

II

4774 SWEDEN, West Coast — Göteborg — Älvsborgsfjorden — Arendal — Buoy; Dredged area; Depth

Move port-hand spar light-buoy, *Fl.R.3s*, from: 57° 41'·554N., 11° 48'·955E.
to: 57° 41'·543N., 11° 48'·974E.
Delete limit of dredged area, firm line, joining: 57° 41'·624N., 11° 48'·963E.
57° 41'·448N., 11° 49'·400E.
depth 7₅ m 57° 41'·623N., 11° 49'·222E.

Chart [*Last correction*].— **857** (panel A, Hake Fjord to Älvsborgsfjorden) [4571/01]

Swedish Notice 42/777/01 (HH.317/540/02).

4775 BALTIC SEA — Sweden, East Coast — Stockholms Skärgård — Kanholmsfjärden — Yxhammarskobben — Light

Amend light to, *Fl(3)WRG.9s8m6-3M* 59° 18'·8N., 18° 48'·6E.

Chart [*Last correction*].— **3156** [3090/01] — **3157** [3090/01]

Light List Vol. C, 2001/02, 6495

Swedish Notice 43/788/01 (HH.318/515/04).

4776 BALTIC SEA — Germany, North Coast — Approaches to Świnoujście — Recommended route

Delete recommended route, pecked line, and associated
recommended direction of flow arrows, joining: 54° 19'·7N., 13° 58'·2E.
54° 04'·6N., 14° 14'·0E.

Chart [*Last correction*].— **2679** (INT 1295) [3261/01]

German Notice 39/151/01 (HH.323/410/02).

4777 DENMARK, North Coast — Skagerrak — Jylland — Jammerbugt Northwards — Survey stations; Buoyage; Wreck

Insert ○ *Survey Station* (a) 57° 30'·9N., 9° 36'·8E.
special spherical light-buoy with topmark, *Fl(5)Y.20s* (a) above
Substitute ○ *Wk*, least depth 20₅ m for ○ *Survey Station*, *Wk* (20₅)
and associated spherical light-buoy, *Fl(5)Y.20s* 57° 34'·6N., 9° 24'·6E.

Chart [*Last correction*].— **1402** (INT 1300) [4578/01]

Danish Notice 42/977/01 (HH.161/400/02).

4778 DENMARK, West Coast — Approaches to Esbjerg — Jergs Banke — Light

Substitute green ★ *Fl.G.3s7m5M Jerg*, for former *Jerg* ★ 55° 28'·92N., 8° 22'·09E.

Chart [*Last correction*].— **417** [2015/01]

Light List Vol. B, 2001/02, 1780

Danish Notice 43/996/01 (HH.331/430/05).

4779 NORTH SEA — Danish Sector — Tyra Gas Field Southeastwards — Platform; Restricted area

Insert □ (lighted), *Tyra South-East DUC-T-SE*,
(chart 1404, □ (lighted), *DUC-T-SE*),
(charts 2182A, 2182B and 4140, □ (lighted)) (a) 55° 38'·46N., 4° 53'·13E.
circular limit of restricted area, radius 500m (0·27M),
pecked line, centred on: (a) above

Chart [*Last correction*].— **267** [3932/01] — **1404** (a) [4131/01] — **2182A** (INT 1043) (a) [4674/01] — **2182B** (INT 1042)

(a) [4674/01] — **4140** (INT 140) (a) [4360/01]

Light List Vol. A, 2001/02, 7780.975

Danish Notice 39/922/01 (HH.334/402/01).

4780 DENMARK, West Coast — Horns Rev Southwards — Wreck

Insert ○ *Wk*, unsurveyed clearance depth 15m 55° 24'·54N., 7° 44'·91E.

Chart [*Last correction*].— **3768** [3198/01] — **1404** [4779/01] — **1405** [4675/01]

Danish Notice 42/979/01 (HH.331/420/02).

4781 NETHERLANDS — Maas West Outer TSS Northwestwards — Wreck

Substitute ○ *Wk*, least depth 27₅ m for ○ *Wk* least depth 26m 52° 03'·72N., 3° 06'·57E.

Chart [*Last correction*].— **3371** (INT 1416) [4467/01] — **1406** [4658/01] — **1408** [4674/01]

Netherlands Notice 44/612/01 (HH.340/530/06).

II

4782 NETHERLANDS — Approaches to Oosterschelde — Steenbanken — Depths

Substitute	depth 6 ₇ m for depth 7 ₂ m depth 5 ₁ m for depth 5 ₇ m	(a)	51° 38'·45N., 3° 20'·20E.
		(b)	51° 39'·00N., 3° 21'·10E.
		(c)	51° 38'·90N., 3° 21'·00E.
		(d)	51° 38'·90N., 3° 21'·15E.

Chart [*Last correction*].— **110** (INT 1473) (a,b) [4467/01] — **2449** (c) [4658/01] — **3371** (INT 1416) (d) [4781/01]
Netherlands Notice 44/618/01 (HH.340/410/03).

4783 FRANCE, North Coast — Ault — Light

Amend	light to, Oc(4)WR.12s95m15/11M, (chart 2675, Oc(4)WR.12s15/11M)	50° 06'·3N., 1° 27'·3E.
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Chart [*Last correction*].— **2147** [1316/01] — **2451** (INT 1704) [4658/01] — **2675** (INT 1070) [4135/01]
Light List Vol. A, 2001/02, 1220
French Notice 39/26/01 (HH.351/460/03).

4784 FRANCE, North Coast — Approaches to Le Treport — Ridens du Treport — Depth; Wreck; Obstruction

Insert	depth 11m with seabed character, R	(a)	50° 04'·31N., 1° 19'·46E.
Substitute	depth 11m with seabed character, R, for ⬤ Obstrn least	(b)	(a) above
	depth 11m	(c)	50° 04'·28N., 1° 19'·35E.
	depth 11m with seabed character, R, for ⬤ least	(d)	50° 06'·51N., 1° 18'·46E.
	depth 11m	(e)	50° 04'·05N., 1° 18'·80E.
	⬤ Wk, least depth 15 ₃ m for ⬤ Wk least depth 14 ₆ m legend, Obstrn, for legend Obstrns		

Chart [*Last correction*].— **1352 (plan, Le Treport)** (a) [1316/01] — **2147** (b,d) [4783/01] — **2451** (INT 1704) (c,e) [4783/01]
French Notice 42/17/01 (HH.351/460/03).

4785 FRANCE, North Coast — Cap de la Hague Westwards — Lighted beacon tower; Rock; Buoy

Insert	W. cardinal lighted beacon tower, VQ(9)10s12m6M La Foraine, (chart 2669, VQ(9)10s6M)	(a)	49° 42'·96N., 1° 58'·23W.
	W. cardinal lighted beacon tower, VQ(9)10s6M	(b)	49° 42'·90N., 1° 58'·31W.
Substitute	W. cardinal lighted beacon tower, VQ(9)10s12m6M La Foraine, for *	(c)	(a) above
Delete	W. cardinal pillar buoy, La Foraine (Occasionally Submerged), (charts 2454, 2669 & 2656,	(d)	close W. of (a)/(b) above
	W. cardinal pillar buoy)		

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*].— **1106** (c,d) [4582/01] — **3653** (a,d) [2584/01] — **2454** (INT 1702) (b,d) [4582/01] — **2669** (a,d) [4582/01] — **2656** (b,d) [4135/01]
Light List Vol. A, 2001/02, 1513
French Notice 37/35/01 (HH.351/530/03).

4786 FRANCE, North Coast — Approaches to Saint-Malo — Pointe de la Varde to Pointe du Décollé — Depths; Beacon; Drying heights; Rock

Insert	depth 15 ₉ m	(a)	48° 42'·31N., 2° 06'·09W.
	depth 14 ₉ m enclosed by 15m contour, (chart 3659, depth 14 ₉ m)	(b)	48° 42'·33N., 2° 05'·74W.
	depth 13 ₈ m enclosed by 15m contour, (chart 3659, depth 13 ₈ m)	(c)	48° 41'·95N., 2° 05'·30W.
	depth 13 ₃ m and extend 15m contour S. to enclose	(d)	48° 41'·38N., 2° 04'·96W.
	depth 5 ₅ m	(e)	48° 41'·39N., 1° 59'·08W.
Substitute	white beacon	(f)	48° 39'·94N., 2° 04'·91W.
	depth 0 ₈ m for depth 1 ₇ m	(g)	48° 40'·66N., 2° 00'·42W.
	drying height, (1 ₈), for drying height (1 ₁)	(h)	48° 39'·23N., 2° 07'·05W.
	⊙ (Q ₁), for depth 0 ₆ m enclosed by 2m and 5m contours and associated seabed character, R, (chart 3659, ⊙ (Q ₁), for depth 0 ₆ m enclosed by ⊙ and associated seabed		
	character, R)	(i)	48° 38'·89N., 2° 07'·06W.
Delete	depth 17 ₄ m	(j)	close SE. of (c) above
	depth 14 ₅ m	(k)	close N. of (d) above
	depth 7 ₆ m	(l)	close NE. of (e) above
	depth 18m	(m)	close W. of (c) above

Chart [*Last correction*].— **2700** (INT 1754) (a-l) [4062/01] — **3659** (b,c,e-g,i,m) [4062/01]
French Notices 40/17/01 & 43/6/01 (HH.351/550/03).

II

4787 FRANCE, West Coast — Rade de Brest — Ile Longue — Beacon; Leading line

Delete white beacon with Δ topmark (a) 48° 18'·69N., 4° 29'·96W.
 leading line, pecked and firm line and associated
 legend, 2 Bns $\neq$ 260°
 extending in 080° direction
 from 48° 18'·65N., 4° 30'·27W.
 (beacon)

Chart [*Last correction*].— **3427** (INT 1832) [3574/01] — **3429** [3574/01]
 French Notice 43/10/01 (HH.353/410/04).

4788 FRANCE, West Coast — Approaches to La Gironde — Cordouan Southwestwards — Banc du Chevrier — Wreck

Insert  45° 31'·85N., 1° 13'·61W.

Chart [*Last correction*].— **2910** [4254/01] — **2664** [4138/01]
 French Notice 42/21/01 (HH.353/540/04).

4789 FRANCE, West Coast — Cap Ferret Westwards — Buoyage; Restricted area

Insert special spherical light-buoy, *Fl(5)Y.20s Wave recorder*
 (2 buoys) (a) 44° 39'·10N., 1° 26'·80W.
 legend, (Buoyed Area) Entry prohibited adjacent to (a) above

Chart [*Last correction*].— **2664** [4788/01]
 French Notice 40/20/01 (HH.353/550/03).

4790 SPAIN, West Coast — Approaches to Ría de Vigo — Canal del Norte — Punta Robaleira — Radar beacon

Insert radar beacon, *Racon (C)*, at light 42° 15'·07N., 8° 52'·29W.

Chart [*Last correction*].— **1758** [2605/01] — **2548** [4108/01] — **3633** [3377/01]
 Light List Vol. D, 2001/02, 1874
 Admiralty List of Radio Signals Vol. 2, 2001: 67830 (47/01)
 Spanish Notice 43/774/01 (HH.359/610/03).

4791 PORTUGAL, South Coast — Portimão — Estrumal — Landmark

Delete symbol, water tower, (40) 37° 07'·57N., 8° 32'·03W.

Chart [*Last correction*].— **83** (plan, Portimão) [3659/01]
 Portuguese Notice 21/400/01 (HH.363/500/07).

4792 NORTH ATLANTIC OCEAN — Islas Canarias — Gran Canaria — Las Palmas Southwards — Bajo de la Laja Eastwards — Buoy

Move special spherical light-buoy, *Q(5)Y.20s*, from: 28° 03'·91N., 15° 23'·69W.
 to: 28° 03'·91N., 15° 23'·40W.

Chart [*Last correction*].— **1856** [3469/00]
 Spanish Notice 43/775/01 (HH.419/420/06).

4793 MEDITERRANEAN SEA — Spain, South-East Coast — Bahía de Alicante — Punta de la Cala Southwards — Wrecks

Insert  (a) 38° 20'·52N., 0° 26'·16W.
 Delete ++ close NW. of (a) above

Chart [*Last correction*].— **470** [3105/01] — **1700** (a) [4588/01]
 Spanish Chart 472A (HH.361/510/03).

4794 MEDITERRANEAN SEA — France, South Coast — Rade de Cannes — Restricted area; Recommended anchorage

Insert limit of restricted area, anchoring prohibited,
 pecked line, joining: (a) 43° 32'·577N., 7° 00'·875E.
 (b) 43° 32'·850N., 7° 01'·040E.
 (lighted beacon tower)
 43° 32'·900N., 7° 01'·050E.
 (c) 43° 32'·820N., 7° 01'·450E.
 thence arc of circle, radius 560m, centred on (b) above,
 joining clockwise: (c) above
 (a) above
 43° 32'·57N., 7° 01'·03E.

Delete 
Chart [*Last correction*].— **2167** (plan, Cannes) [4258/01]
 French Notice 41/27/01 (HH.354/740/03).

II

4795 MEDITERRANEAN SEA — France, South Coast — Golfe de Marseille — Rade d'Endoume — Ile Pomegues Southeastwards — Buoy

Delete special can buoy 43° 15'·90N., 5° 18'·02E.

Chart [*Last correction*].— **153** (INT 3195) [4784/00]

French Notice 40/27/01 (HH.354/570/04).

4796 MEDITERRANEAN SEA — Italy — Sardegna, North-East Coast — Isola Tavolara to Capo Coda Cavallo — Marine Nature Reserve; Light-beacons

Substitute the accompanying note, TAVOLARA – CAPO CODA
CAVALLO MARINE NATURE RESERVE

(40° 53'N, 9° 45'E), for existing note, centred on:

Insert special light-beacon with topmark, *Fl(2)Y.10s7m2M*

40° 49'·6N., 9° 35'·4E.

40° 55'·18N., 9° 44'·34E.

40° 54'·05N., 9° 42'·89E.

Chart [*Last correction*].— **1211** [4259/01]

Light List Vol. E, 2001/02, 1027, 1027.5

Italian Notice 14.6/01 (HH.372/420/03).

4797 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Ancona — Molo di Sopraflutto and Molo Foraneo Northwestwards — Lights; Legend

Insert ★ *Fl(2)R.10s10m6M*

(a) 43° 36'·743N., 13° 28'·875E.

★ *Fl(2)R.10s6M*

(b) 43° 36'·643N., 13° 28'·825E.

★ *Fl(2)G.10s10m6M*

(c) 43° 36'·689N., 13° 28'·951E.

★ *Fl(2)G.10s6M*

(d) 43° 36'·589N., 13° 28'·901E.

legend, *See NM 4759(P)/01*, centred on:

(e) 43° 37'·610N., 13° 29'·380E.

Chart [*Last correction*].— **1444** (plan C, Ancona) (a,c,e) & (plan B, Ancona and Falconara Marittima) (b,d) [2503/01]

Light List Vol. E, 2001/02, 2350.1, 2350.2

Italian Chart 209 (HH.370/540/03).

4798 MEDITERRANEAN SEA — Greece — Nisos Kríti, South Coast — Agkyrovólia Palaiochóras — Lights; Buoy

Insert ★ *Fl.R.3s10m3M*

35° 13'·43N., 23° 40'·68E.

(breakwater)

★ *Fl.G.3s10m3M*

(a) 35° 13'·47N., 23° 40'·70E.

Delete port-hand conical buoy close SW. of (a) above

Chart [*Last correction*].— **1707** (plan I, Agkyrovólia Palaiochóras) [*New Edition 11/10/01*]

Light List Vol. E, 2001/02, 4845, 4845.5

Greek Notice 9/227/01 (HH.386/430/02).

4799 BLACK SEA — Ukraine — Port Yuzhne — Adzhalykskiy Lyman — Buoy

Insert S. cardinal pillar light-buoy, *Q(6)+LFl.15s*

46° 37'·450N., 31° 00'·967E.

Chart [*Last correction*].— **2202** [4374/01]

Russian Notice 41/6334/01 (HH.396/550/02).

4800* AFRICA, West Coast — Angola — Cabinda Enclave — Nemba Oilfield — Platform; Obstruction

Insert ☐ (lighted)

(a) 5° 22'·1S., 11° 39'·7E.

Substitute ☐ (lighted), North Nemba, for ☉ Obstn

(b) (a) above

Chart [*Last correction*].— **3206** (b) [1057/01] — **604** (a) [2619/01]

Light List Vol. D, 2001/02, 8624.05

Cabinda Gulf Oil Company Limited (HH.447/180/07).

4801* AFRICA, West Coast — Angola — Essungo Oilfield Southwards — Manifold; Tanker mooring buoy; Pilot boarding place

Substitute ☉ *Manifold*, for ⚓ Mo(A)15s Horn 20s and associated legend, Essungo Terminal, (chart 604, ☉ *Manifold*, for ⚓ Mo(A) and associated legend, Essungo Terminal (see Note))

(a) 6° 20'·3S., 12° 09'·7E.

Delete ⚓ (lighted) Soyo Quinfuquena Terminal

(b) 6° 20'·0S., 12° 10'·0E.

①

(c) 6° 18'·0S., 12° 07'·2E.

Chart [*Last correction*].— **3206** (a,c) [4800/01] — **604** (a) [4800/01] — **4203** (INT 203) (b) [1768/01] — **4209** (INT 209) (b) [4160/00]

Light List Vol. D, 2001/02, 8631

Admiralty List of Radio Signals Vol. 6(3), 2001/02 (47/01)

Texaco Panama (Angola) Inc (HH.447/180/07).

II

4802* AFRICA, West Coast — Angola — Lombo East Oilfield — Tanker mooring buoy; Submarine pipeline; Moored storage tanker; Depth

Insert	Mo(U)15s, (chart 604, Mo(U)) submarine pipeline joining:	(a) 6° 49'·6S., 12° 22'·0E. (b) 6° 51'·5S., 12° 23'·6E. (□) (c) 6° 51'·5S., 12° 23'·0E. (d) 6° 58'·4S., 12° 22'·8E. (chart 3206, □)
Delete	legend, <i>Oil (see Note)</i> seabed character, f.S depth 16fm	(e) along (c)–(d) above (f) (a) above (g) close SW. of (a) above (h) close N. of (a) above

Chart [*Last correction*].— **3206** (a–g) [4801/01] — **604** (a,b,d,g,h) [4801/01]

Light List Vol. D, 2001/02, 8634.155

Texaco Panama (Angola) Inc (HH.447/180/07).

4803* MADAGASCAR, East Coast — Approaches to Tamatave — Pilot boarding places

Insert	① legend, <i>Tankers over 30 000 DWT</i> at ①	18° 06'·45S., 49° 26'·04E. 18° 06'·2S., 49° 28'·8E.
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Chart [*Last correction*].— **688** [3122/01]

Admiralty List of Radio Signals Vol. 6(3), 2001/02 (46/01)

Port de Toamasina (HH.457/400/05).

4804 CHINA, South Coast — Gulf of Tongking — Hai–nan Tao, South Coast — Chin–mu Chiao — Radar beacon

Amend	radar beacon to, <i>Racon (O)</i> , at light	18° 10'·00N., 109° 33'·80E.
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Chart [*Last correction*].— **3989** [504/01] — **3991** [4336/01]

Light List Vol. F, 2001/02, 3349

Admiralty List of Radio Signals Vol. 2, 2001: 81040 (47/01)

Chinese Notice 20/277/01 (HH.548/412/02).

4805 CHINA, South–East Coast — Hong Kong — Hong Kong International Airport Westwards — Buoy

Insert	special pillar light–buoy with topmark, <i>Fl(4)Y.12s Airport 6</i>	22° 18'·10N., 113° 52'·83E.
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Chart [*Last correction*].— **1919** (INT 5510) [4555/01]

Hong Kong Notice 22/70/01 (HH.550/406/05).

4806 CHINA, South–East Coast — Hong Kong — Tung Kwo Chau Eastwards, Ching Chau Westwards to Yin Tsz Ngam — Depths; Wrecks; Obstructions

Insert	depth 9 ₄ m enclosed by 10m contour depth 12 ₅ m enclosed by 15m contour depth 3 ₆ m enclosed by depth 6 ₄ m depth 16 ₇ m and extend 20m contour E. to enclose depth 12 ₅ m and extend 20m contour SE. to enclose Wk, least depth 21 ₅ m depth 14 ₂ m enclosed by 20m contour Obstn, least depth 25m depth 14 ₇ m depth 13 ₈ m enclosed by 20m contour Wk, least depth 21 ₅ m Obstn, least depth 25m	(a) 22° 19'·979N, 114° 22'·720E. (b) 22° 19'·930N, 114° 22'·880E. (c) 22° 19'·258N, 114° 22'·120E. (d) 22° 20'·690N, 114° 17'·670E. (e) 22° 23'·57N, 114° 23'·42E. (f) 22° 19'·93N, 114° 22'·88E (g) 22° 19'·55N, 114° 24'·50E. (h) 22° 18'·57N, 114° 22'·40E. (i) 22° 15'·84N, 114° 23'·13E. (j) 22° 16'·53N, 114° 18'·37E. (k) 22° 17'·83N, 114° 18'·98E. (l) 22° 19'·64N, 114° 24'·35E. (m) 22° 15'·93N, 114° 22'·98E.
Delete	depth 7 ₃ m depth 25m depth 24m	(n) close N. of (d) above (o) close S. of (g)/(l) above (p) close E. of (h) above

Chart [*Last correction*].— **3612** (a–d,n) [838/01] — **1915** (e) [1776/01] — **1916** (a,c–k,n–p) [2225/01] — **1917** (INT 5511)

(i) [4555/01] — **937** (INT 5508) (l,m,o) [4555/01]

Hong Kong Chart 2501 (HH.550/414/02).

4807 CHINA, South–East Coast — Shantou Gang — Depths

Insert	depth 4 ₈ m enclosed by 5m contour	(a) 23° 20'·36N., 116° 43'·96E.
Delete	depth 8 ₉ m	close E. of (a) above

Chart [*Last correction*].— **854** [3127/01]

Chinese Chart 15111 (HH.548/453/02).

II

4808 CHINA SEA — T'ai-wan, South Coast — O-luan Pi Westwards and Eastwards — Buoy

Move special spherical light-buoy, *Fl.R.4s*, from: (a) 21° 53'·76N., 120° 49'·24E.
to: (b) 21° 54'·66N., 120° 53'·34E.
Delete special spherical light-buoy *Fl.R.4s* (c) (a) above

Chart [*Last correction*].— **3232** (c) [4488/01] — **3233** (a,b) [4488/01]
Taiwanese Notice 53/01 (HH.549/003/02).

4809 CHINA SEA — T'ai-wan, East Coast — Su-Ao Northeastwards — Depth

Insert depth 33m and extend 50m contour N. to enclose,
(charts 3236 and 2412, depth 33m) (a) 24° 43'·08N., 122° 00'·70E.
depth 33m (b) 24° 42'·95N., 122° 01'·20E.

Chart [*Last correction*].— **3235** (a) [4489/01] — **3236** (a) [2389/01] — **2412** (a) [4492/01] — **1761** (b) [3866/01]
Taiwanese Chart 04515 (HH.549/426/02).

4810 CHINA, East Coast — Dong Hai — Minjiang Kou Southwards — Nanwo Shan Eastwards — Wreck

Insert  *PA* 25° 53'·4N., 119° 44'·3E.

Chart [*Last correction*].— **2400** [3478/01] — **1761** [4809/01]
Chinese Notice 20/290/01 (HH.548/462/02).

4811 CHINA, East Coast — Dong Hai — Leqing Wan — Light-beacons

Insert starboard-hand light-beacon with topmark, *Fl(2)G.6s3M* 28° 09'·00N., 121° 04'·77E.
starboard-hand light-beacon with topmark, *Fl.G.4s3M* 28° 09'·45N., 121° 04'·23E.

Chart [*Last correction*].— **1721** [4703/01]
Light List Vol. F, 2001/02, 3661.29, 3661.292
Chinese Notice 20/273/01 (HH.548/465/02).

4812 CHINA — Bo Hai — Longkou — Lights

Insert ★ *F.G.7m3M* 37° 38'·883N., 120° 19'·017E.
★ *F.R.7m3M* 37° 38'·950N., 120° 18'·900E.

Chart [*Last correction*].— **2119** (plan, Longkou) [*New Edition 8/11/01*]
Light List Vol. F, 2001/02, 3897.7, 3897.77
Chinese Notice 20/292/01 (HH.548/515/02).

4813 JAPAN — Honshū, South Coast — Seto Naikai — Kōbe — Nada Wharf Eastwards and Kobe Steelworks Southeastwards — Depths; Foul; Buoy

Insert depth 3₈ m enclosed by 5m contour 34° 42'·05N., 135° 14'·17E.
depth 7₇ m enclosed by  (a) 34° 42'·07N., 135° 14'·37E.
depth 9₈ m and extend 10m contour SE. to enclose (b) 34° 42'·05N., 135° 14'·45E.
34° 42'·02N., 135° 15'·24E.
special pillar buoy with topmark 34° 42'·06N., 135° 14'·37E.
Delete depth 11₄ m close SE. of (b) above
depth 8₈ m close E. of (a) above

Chart [*Last correction*].— **2265** [3597/01]
Japanese Notice 38/1465/01 (HH.568/502/05).

4814 JAPAN — Honshū, North Coast — Niigata — No 2 West Breakwater — Lights

Insert ★ *Fl.R.3s15m7M* (a) 37° 58'·170N., 139° 04'·620E.
Delete ★ *Fl.R.3s15m8M* 0·15M SSW. of (a) above

Chart [*Last correction*].— **1388** (plan E, Niigata) [2837/01] — **1390** (plan, Approaches to Niigata) [1068/01]
Light List Vol. F, 2001/02, 7110.5
Japanese Notice 43/1627/01 (HH.563/515/03).

4815 INDONESIA — Kalimantan, East Coast — Karang Muaras — Sambit Southwards — Depths

Insert depth 3¾ fm enclosed by 5fm contour (a) 1° 44'·05N., 119° 02'·10E.
depth 1fm enclosed by 3fm contour (b) 1° 44'·76N., 118° 58'·80E.
Delete depth 4¾ fm enclosed by 5fm contour close SW. of (a) above
depth 2½ fm enclosed by 3fm contour close SE. of (b) above

Chart [*Last correction*].— **2636** [3490/01]
UK Hydrographic Office (HH.527/750/02).

II

4816 INDONESIA — Jawa, North Coast — Approaches to Jakarta — Teluk Jakarta — Karang Jalan Southeastwards — Buoy

Insert special spherical light–buoy, *Fl(5)Y.25s* 6° 02′.52S., 106° 46′.68E.

Chart [*Last correction*].— **933** [4396/01]

Indonesian Notice 40/308/01 (HH.526/690/05).

4817 INDONESIA — Jawa, North Coast — Tuban Oil Terminal Northeastwards — Buoy

Insert special spherical light–buoy, *Fl(5)Y.25s* 6° 37′.97S., 112° 17′.94E.

Chart [*Last correction*].— **3731** [1406/01] — **1066** [4169/01]

Indonesian Notice 38/293/01 (HH.526/575/02).

4818 INDONESIA — Halmahera Sea — Obi Mayor, North Coast — Tg. Woka — Light

Insert ★ *LFl.12s17M PA* 1° 27′.18S., 127° 53′.58E.

Chart [*Last correction*].— **2788** [3703/99] — **3241** [3704/99] — **942A** [4613/01]

Light List Vol. K, 2001/02, 1591

UK Hydrographic Office (HH.530/500/02).

4819* NORTH PACIFIC OCEAN — Kiribati — Butaritari Island Northwards — Obstructions; Beacons

Substitute ○ *Obstn (dries)*, for ○ Bn “K”, (plan, Butaritari, ○ *Obstn*, for
○ Bn enclosed by ○ (a) 3° 05′.18N., 172° 46′.82E.
○ *Obstn*, for ○ Bn “M” 3° 04′.70N., 172° 47′.07E.

Chart [*Last correction*].— **3269 (plan, Butaritari Anchorage) & (plan, Butaritari) (a)** [941/94]

Police Maritime Unit, Republic of Kiribati (HH.593/400/01).

4820 NORTH AMERICA, West Coast — British Columbia — Vancouver Island — Scott Channel — Cape Scott — Radiobeacon

Delete radiobeacon, Ro Bn, at light, (charts 3993, 4081, 4806 and
4050, radiobeacon, RC, at light) 50° 46′.95N., 128° 25′.60W.

Chart [*Last correction*].— **582** [2943/01] — **3993** [4079/01] — **4801** (INT 801) [2544/01] — **4806** [1960/01] — **4050** (INT 50) [1960/01]

Light List Vol. G, 2001/02, 5172

Admiralty List of Radio Signals Vol. 2, 2001: 3534 (47/01)

Canadian Notice 10/LC3000/01 (HH.600/445/02).

4821 SOUTH AMERICA, West Coast — Colombia — Approaches to Tumaco — Depth

Insert depth 17 m enclosed by ○ 1° 50′.850N., 78° 46′.175W.

Chart [*Last correction*].— **2799 (plan D, Tumaco) & (plan B, Approaches to Tumaco)** [2644/01]

Colombian Chart 101 (HH.641/400/02).

4822 SOUTH AMERICA, West Coast — Ecuador — Manta — Bahía de Manta — Buoy

Insert isolated danger pillar light–buoy, *Fl(2)5s* 0° 56′.211S., 80° 43′.175W.

Chart [*Last correction*].— **2799 (plan A, Manta)** [4821/01]

Ecuadorean Notice 7/14/01 (HH.642/420/03).

4823 SOUTH AMERICA, West Coast — Chile — Punta Lagunillas Westwards, Pta Guanaquero Westwards and Bahia Barnes — Depths

Delete	depth 14fm enclosed by 100fm contour PA	(a) 30° 06′.40S., 71° 30′.10W.
	depth 24fm enclosed by 100fm contour	(b) 30° 10′.10S., 71° 32′.10W.
	depth 5fm enclosed by 6fm contour	(c) 30° 13′.10S., 71° 30′.32W.
	depth 4 ₄ fm enclosed by 6fm contour	(d) 30° 13′.13S., 71° 30′.64W.
	depth 2 ₄ fm enclosed by 3fm contour	(e) 30° 13′.55S., 71° 30′.17W.
	depth 2 ₁ fm enclosed by 3fm contour	(f) 30° 14′.08S., 71° 29′.90W.

Chart [*Last correction*].— **3080 (plan, Bahia Tongoy) (c–f)** [1193/01] — **3073 (a,b)** [1789/01]

Chilean Notice 9/125/01 and Chilean Charts 4100 & 4113 (HH.646/451/02).

II

4824 SOUTH AMERICA, East Coast — Chile — Estrecho de Magallanes — Canal Whiteside — Punta Arska Southwards — Recommended anchorage

Delete  53° 37'·3S., 70° 26'·0W.

Chart [*Last correction*].— **1281** [4296/01]

Chilean Chart 11400 (HH.648/440/02).

4825 SOUTH AMERICA, East Coast — Río de la Plata — Banco Ortiz Southeastwards — Buoy

Delete red conical buoy 34° 49'·5S., 56° 59'·4W.

Chart [*Last correction*].— **1749** [3998/01]

Argentine Notice 19/191/01 (HH.652/441/01).

4826 SOUTH AMERICA, East Coast — Brazil, East Coast — Cabo Calcanhar Eastwards — Marine farm

Insert symbol, marine farm 5° 06'·8S., 35° 11'·14W.

Chart [*Last correction*].— **3979** [4105/00] — **3955** [4735/01] — **528** [2949/01]

Brazilian Notice 19/157/01 (HH.658/450/02).

4827 SOUTH AMERICA, East Coast — Brazil, North Coast — Porto de Luís Correia — Coroa de Monte Cristo — Light

Amend light to, *Fl.R.3s7m2M* 2° 51'·58S., 41° 38'·88W.

Chart [*Last correction*].— **526 (plan B, Porto de Luís Correia)** [3610/01]

Light List Vol. G, 2001/02, 0103.6

Brazilian Notice 19/158/01 (HH.658/420/02).

4828 WEST INDIES — Trinidad — Galeota Pt Eastwards — Foul

Insert # *PA* 9° 59'·70N., 60° 20'·50W.

Chart [*Last correction*].— **517** [2616/00]

U.S. Notice 37/24028/93 (HH.670/600/01).

4829* WEST INDIES — Jamaica, North Coast — Port Antonio — East Harbour — Folly Point Westwards — Buoy

Insert port-hand can light-buoy, *Fl.G.7·5s PA* 18° 11'·314N., 76° 26'·712W.

Chart [*Last correction*].— **458** [1613/01]

Jamaica Port Authority Notice 3/01 (HH.678/405/04).

4830 WEST INDIES — Puerto Rico, South Coast — Bahía de Ponce — Depths; Obstructions; Wreck

Insert depth 4₅ fm 17° 58'·53N., 66° 38'·49W.
 *Obstn*, least depth 4₅ fm 17° 58'·48N., 66° 38'·71W.
 *Obstn*, least depth 5fm 17° 58'·29N., 66° 38'·70W.
 Substitute  *Wk*, least depth 3₃ fm for depth 6₃ fm 17° 56'·83N., 66° 37'·67W.

Chart [*Last correction*].— **478 (plan, Bahía de Ponce)** [3885/01]

U.S. Notice 45/25683/01 (HH.675/410/02).

4831 GULF OF MEXICO — Texas — Corpus Christi Channel — Port Ingleside — Dredged depths

Amend dredged depth to, 35*ft* (2000) 27° 49'·12N., 97° 11'·97W.
 dredged depth to, 32*ft* (2000) 27° 49'·12N., 97° 12'·35W.

Chart [*Last correction*].— **3184 (panel A, Port Aransas to Corpus Christi)** [4742/01]

U.S. Notice 46/11312/01 (HH.615/405/05).

4832 GULF OF MEXICO — Texas — Texas City — Dredged depths

Amend dredged depth to, 32 *feet* (2001) 29° 21'·65N., 94° 54'·90W.
 dredged depth to, 39 *feet* (2001) 29° 21'·76N., 94° 54'·35W.

Chart [*Last correction*].— **3186 (panel 4)** [4632/01]

U.S. Notice 46/11324/01 (HH.615/415/06).

II

4833 GULF OF MEXICO — Texas — Houston Ship Channel and Bayport — Lights; Depth

Insert	★ <i>Fl.G.4s17ft '11'</i>	(a)	29° 36'·750N., 95° 00'·983W.
Delete	depth 2ft	(b)	adjacent to (a) above
	★ <i>Fl.Y.2·5s 'A'</i>	(c)	29° 27'·85N., 94° 51'·18W.

Chart [*Last correction*].— **3186 (panel 1) (c) & (panel 3) (a,b)** [4832/01]

Light List Vol. J, 2000/01, 4094, 4132.65

U.S. Notice 43/11326/01 (*HH.615/420/04*).

4834 GULF OF MEXICO — Florida — Tampa Bay — Saint Petersburg — Entrance Channel — Dredged depth

Amend	dredged depth to, 23½ ft (2000)	27° 45'·58N., 82° 37'·71W.
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Chart [*Last correction*].— **3848 (plan A, Saint Petersburg)** [4112/01]

U.S. Notice 45/11416/01 (*HH.615/475/04*).

4835 NORTH AMERICA, East Coast — Florida — Florida Keys — Key West — Turning Basin — Depths

Insert	depth 4 ₂ fm	(a)	24° 33'·92N., 81° 48'·17W.
	depth 3 ₅ fm	(b)	24° 33'·93N., 81° 48'·07W.
	depth 4 ₁ fm	(c)	24° 34'·02N., 81° 48'·08W.
Delete	depth 4 ₅ fm		close W. of (a) above
			close NE. of (c) above
	depth 5fm		close NE. of (b) above

Chart [*Last correction*].— **2881 (plan, Key West Harbor and Main Ship Channel)** [4430/01]

U.S. Notices 45/11441/01 and 45/11447/01 (*HH.614/660/04*).

4836 NORTH AMERICA, East Coast — Florida — St Johns River — Entrance to Mayport Basin — St Johns Point Northwestwards — Dredged depth

Amend	dredged depth to, 37ft (2001)	30° 23'·84N., 81° 23'·90W.
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Chart [*Last correction*].— **2808 (panel A)** [3236/01]

U.S. Notice 46/11490/01 (*HH.614/630/04*).

4837 NORTH AMERICA, East Coast — Georgia — Brunswick and Approaches — Channel depths

Substitute	the accompanying table, CHANNEL DEPTHS, for existing table, centred on:	30° 59'·9N., 81° 31'·4W.
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Chart [*Last correction*].— **2810** [4202/01]

U.S. Notice 46/11506/01 (*HH.614/012/2001*).

4838 NORTH AMERICA, East Coast — North Carolina — Approaches to Morehead City — Onslow Bay — Wrecks; Obstructions

Insert	○ <i>Wk</i> , least depth 60ft, (charts 2864 and 2710, ○ <i>Wk</i> , least depth 10fm)	(a)	34° 29'·98N., 76° 53'·89W.
	○ <i>Wk</i> , least depth 31ft, (chart 2710, ○ <i>Wk</i> , least depth 5 ₁ fm)	(b)	34° 33'·72N., 76° 51'·11W.
	○ <i>Obstn</i> , least depth 51ft	(c)	34° 33'·51N., 76° 51'·23W.
	○ <i>Obstn</i> , least depth 52ft	(d)	34° 33'·66N., 76° 51'·39W.
	○ <i>Obstn</i> , least depth 60ft, (charts 2864 and 2710, ○ <i>Obstn</i> , least depth 10fm)	(e)	34° 31'·10N., 76° 45'·22W.
Delete	○ <i>Wk</i> least depth by wire sweep 41ft, (chart 2864, ○ <i>Wk</i> least depth by wire sweep 6 ₄ fm)		
	(chart 2710, ○ <i>Wk</i> least depth 6 ₅ fm)	(f)	34° 30'·10N., 76° 54'·34W.

Chart [*Last correction*].— **3686** [4537/01] — **2864 (a,e,f)** [3618/01] — **2710 (a,b,e,f)** [4536/01]

U.S. Chart 11543 (*HH.614/605/05*).

4839 NORTH AMERICA, East Coast — North Carolina — Approaches to Morehead City — Cape Lookout Southwards — Fog signal

Insert	fog signal, <i>Whis</i> , at 'W' light-buoy	34° 33'·78N., 76° 32'·79W.
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Chart [*Last correction*].— **3686** [4838/01]

U.S. Notice 45/11543/01 (*HH.614/605/05*).

II

4840 NORTH AMERICA, East Coast — North Carolina — Morehead City — West Leg Westwards — Dredged depth

Amend dredged depth to, 32 feet (2000)

34° 42'·85N., 76° 42'·27W.

Chart [*Last correction*].— **3686 (plan, Morehead City)** [4839/01]

U.S. Notice 45/11547/01 (HH.614/605/05).

4841 NORTH AMERICA, East Coast — Virginia — Chesapeake Bay — Chesapeake Channel — Middle Ground Westwards — Wrecks; Obstructions

Substitute ○ Wk, least depth 40ft for ○ Wk least depth 36ft
 ○ Wk, least depth 37ft for ○ Wk least depth 35ft
 Delete ○ Obstn, least depth 55ft for ○ Obstn least depth 50ft
 ○ Obstn Rep least depth 25ft

(a) 37° 00'·79N., 76° 03'·16W.
 36° 58'·85N., 75° 59'·65W.
 (b) 37° 01'·05N., 76° 02'·76W.
 36° 59'·50N., 75° 59'·40W.

Chart [*Last correction*].— **2829 (a,b)** [4535/01] — **2919** [4535/01]

U.S. Notice 45/12222/01 (HH.614/555/06).

4842 NORTH AMERICA, East Coast — Delaware Bay — Ben Davis Point Shoal Southwards — Light

Amend '32' light to, Q.R.41ft5M

39° 14'·1N., 75° 18'·0W.

Chart [*Last correction*].— **2564** [4541/01]

Light List Vol. J, 2000/01, 1271

U.S. Notice 46/12304/01 (HH.614/535/02).

II

4843(T)/01 BRITISH ISLES — Oceanographic buoys and moorings established temporarily

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

<i>Latitude</i>	<i>Longitude</i>	<i>Type</i>	<i>Light</i>	<i>Chart</i>
51° 05'·99N	1° 38'·21E	Y. Spherical	Fl.Y.10s	323
51° 31'·5N	1° 01'·9E	Y. Toroidal	Fl.Y.	1607
52° 00'·0N	2° 20'·0E	Y. Toroidal	Fl.Y.	1610
52° 16'·53N	6° 15'·63W	Y. Spherical	Fl(5)Y.20s	1787
52° 33'·85N	2° 04'·70E	Y. Spherical	Fl(5)Y.20s	1543
52° 58'·69N	10° 37'·46W	Y. Toroidal	Fl(5)Y.20s	2173
53° 37'·1N	2° 11'·2E	Y. Toroidal	Fl.Y.	1187
53° 45'·0N	5° 00'·0W	Y. Spherical	Fl.Y.10s	1411
53° 47'·18N	4° 40'·44W	Y. Toroidal	Fl(5)Y.20s	1411
54° 22'·9N	2° 07'·4E	Y. Toroidal	Fl(5)Y.20s	266
54° 42'·9N	5° 45'·9W	Y. Can	Fl. 6s	2198
60° 20'·90N	1° 01'·32W	Y. Conical	Unlit	3282
60° 20'·90N	0° 48'·53W	Y. Spar	Fl(5)Y.20s	3282

* Indicates new or revised entry.

2. Former Notice 2963(T)/01 is cancelled.

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

4844(T)/01 NORTH ATLANTIC OCEAN — Arquipélago da Madeira — Ilha da Madeira — Praia Formosa — Ponta da Cruz Southwards — Data buoy

The ODAS buoy in position 32° 37'·1N., 16° 56'·5W. is reported to be 135°, 503m from the charted position.

Charts affected — 1689 — 1831

Portuguese Notice 404(T)/01 (HH.363/003/04).

4845(T)/01 INDIA, West Coast — Mormugao — Obstructions

- An above-water obstruction exists on the western side of Berth 4 (15° 24'·810N., 73° 47'·715E.) and a submerged obstruction exists on the eastern side of Berth 6 (15° 24'·690N., 73° 47'·875E.). Both these obstructions consist of loose stones and are considered dangerous to navigation.
- Mariners are advised to navigate with caution, particularly when approaching and leaving Berth 7 (15° 24'·645N., 73° 47'·920E.). Local authorities should be consulted for further details.

Chart affected — 492

Indian Notice 20/358(T)/01 (HH.502/480/04).

4846(P)/01 SINGAPORE STRAIT — Singapore — Pulau Ubin — Works; Light-beacons; Buoyage

1. Mariners are advised that a works area has been established at Pulau Ubin which is marked by light-beacons and light-buoys as follows:

<i>Position</i>	<i>Marked by</i>
1° 25'·11N., 103° 59'·05E.(shore)	
1° 25'·24N., 103° 59'·04E.	port-hand light-beacon with topmark, <i>Fl.R.6s</i>
1° 25'·28N., 103° 59'·73E.	special pillar light-buoy, <i>Fl.Y.2s</i>
1° 25'·08N., 104° 00'·04E.	port-hand can light-buoy, <i>Fl.R.4s</i>
1° 24'·60N., 104° 00'·20E.	port-hand can light-buoy, <i>Fl.R.2s</i>
1° 24'·01N., 104° 00'·41E.	S. cardinal pillar light-buoy, <i>VQ(6)+LFl.10s</i>
1° 24'·10N., 103° 59'·34E.	
1° 24'·05N., 103° 58'·41E.	special light-beacon, <i>Fl.Y.4s</i>
1° 24'·14N., 103° 58'·29E.(shore)	

2. These amendments will be included in New Charts due to be published in early 2002.

Charts affected — 2585 — 2586

Singaporean Notice 11/118/01 (HH.523/500/03).

II

4847(P)/01 SINGAPORE STRAIT — Singapore — Pulau Tekong — Works; Buoyage

1. Mariners are advised that a works area has been established at Pulau Tekong which is marked by light-buoys as follows:

<i>Position</i>	<i>Marked by</i>
1° 25'·28N., 104° 01'·29E.(shore)	
1° 26'·02N., 104° 01'·03E.	N. cardinal pillar light-buoy, <i>Q N. Tekong</i>
1° 25'·49N., 104° 00'·44E.	starboard-hand conical light-buoy, <i>Fl(3)G.15s Tekong</i>
1° 25'·17N., 104° 00'·43E.	W. cardinal pillar light-buoy, <i>Q(9)15s W. Tekong</i>
1° 23'·35N., 104° 01'·06E.	starboard-hand conical light-buoy, <i>Fl.G.2s</i>
1° 20'·62N., 104° 04'·31E.	S. cardinal pillar light-buoy, <i>Q(6)+LFl.15s S. Nelayan</i>
1° 23'·03N., 104° 05'·16E.	port-hand can light-buoy, <i>Fl.R.8s Calder</i>
1° 23'·70N., 104° 04'·86E.(shore)	

2. The following additional light-buoys mark the area as follows:

<i>Position</i>	<i>Marked by</i>
1° 24'·58N., 104° 00'·63E.	starboard-hand conical light-buoy, <i>Fl(2)G.10s</i>
1° 24'·22N., 104° 00'·76E.	starboard-hand conical light-buoy, <i>Fl.G.4s</i>
1° 23'·04N., 104° 01'·42E.	starboard-hand conical light-buoy, <i>Fl.G.2·5s Malang Tiga</i>
1° 22'·59N., 104° 01'·95E.	starboard-hand conical light-buoy, <i>Fl.G.4s</i>
1° 21'·85N., 104° 02'·82E.	starboard-hand conical light-buoy, <i>Fl.G.4s Nelayan</i>
1° 21'·07N., 104° 03'·73E.	starboard-hand conical light-buoy, <i>Fl.G.4s</i>
1° 21'·19N., 104° 04'·49E.	port-hand can light-buoy, <i>Fl.R.2s</i>
1° 21'·75N., 104° 04'·69E.	port-hand can light-buoy, <i>Fl.R.4s Red Calder</i>
1° 22'·27N., 104° 04'·88E.	port-hand can light-buoy, <i>Fl.R.6s</i>

3. These amendments will be included in New Charts due to be published in early 2002.

Charts affected — 2569 — 2585 — 2586

Singaporean Notice 11/118/01 (HH.523/500/03).

4848(P)/01 CHINA, South-East Coast — Shantou — Depths; Bridge; Vertical clearances; Light; Buoyage; Port developments

1. Mariners are advised that depths have increased by up to 4m in the vicinity of The Bar (23° 18'·0N, 116° 46'·8E).
2. A bridge has been established with a vertical clearance of 46m between positions 23° 19'·73N., 116° 44'·56E and 23° 20'·13N., 116° 44'·73E. and a vertical clearance of 18m between positions 23° 20'·33N., 116° 44'·82E. and 23° 20'·59N., 116° 44'·93E.
3. Aids to navigation have been established in the following positions:

★ Fl(2)R.6s	23° 20'·33N, 116° 38'·17E.
isolated danger pillar light-buoy, Fl(2)5s	23° 20'·85N, 116° 39'·51E.
port-hand pillar light-buoy, Fl(2+1)R.6s	23° 20'·61N, 116° 44'·28E.
isolated danger pillar light-buoy, Fl(2)5s	23° 20'·49N, 116° 44'·31E.
starboard-hand pillar light-buoy, Fl(2+1)G.6s	23° 20'·40N, 116° 44'·44E.
4. Numerous changes to quays, jetties and anchorages have taken place within Shantou Gang.
5. These and other amendments will be included in the next New Edition of Chart 854.

Chart affected — 854

Chinese Chart 15111 (HH.548/453/02)

II

4849

TEMPORARY AND PRELIMINARY NOTICES

In Force 24 November 2001

(Former Notice 4438/01 is cancelled)

Cancelled Notices					
Area	Notice No.	Area	Notice No.	Area	Notice No.
2	358/00, 942/00, 3863/00	2	1417/01, 2963/01	4	4013/01, 4014/01
5	819/00	6	2949/00	8	3269/00, 3789/00, 3790/00
8	3418/01	9	2665/01, 3909/01	13	1886/01
14	947/00	15	1984/01, 3631/01	17	3421/01
18	4754/98, 2737/00, 2738/00	18	4541/00, 4935/00, 4218/01	19	226/01
20	432/99, 2242/00	25	3743/01		

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 ENC's;	
		Cautionary guidance on the use and limitations of ENC's 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
		approach channel	
4303/99–	2789	Ireland, SW. coast, Dingle Bay, Castlemaine Harbour: Depths	4
4672/99–		British Isles: Transfer of Admiralty Charts to a horizontal datum	
		compatible with World Geodetic System 1984 Datum	
283/00–	1200	England, E. coast, The Wash, Approaches to King's Lynn: Stakes	7
285/00–	2655, 2675	Ireland, S. coast to England, W. coast, Kilmore Southwards to	1,2,3
		Whitesand Bay; Submarine cable	
2233/00–	1408	England, E. coast, to Netherlands, Lowestoft to Egmond: Submarine cable	7,9
2327/00–	266, 1404, 1405, 2182B	England, E. coast to Denmark, Redcar to Fanø and Esbjerg:	7,9
		Submarine cable	
2421/00–	1906	Scotland, W. coast, Firth of Clyde, Kyles of Bute, Burnt Island,	3
		Eilean Buidhe Southwards: Depth; Buoy; Obstruction; Less water	
2422/00–	2499	Ireland, N. coast, Lough Foyle, Lisahally Terminal: Works	3
3520/00–	2345, 777, 1148, 1149, .	England, W. coast, Cornwall, Whitesand Bay Northwestwards, Westwards	1,2,6
	2565, 1178, 2655, 1123, .	and Southwestwards: Submarine cable	
	2649, 2675, 2		
3784/00–	1200	England, E. coast, The Wash, Approaches to King's Lynn,	7
		Old Lynn Road: Buoyage	
4036/00–	1826	Ireland, E. coast to England, W.coast, Baldoyle to Ainsdale:	3
		Submarine cable	
4119/00–	1478, 1468, 1787, 2049, .	Ireland, E. and S. coasts, Dublin Bay to Mizen Head Southwestwards	1,2,3,6
	2423, 2424, 1178, 1410, .	Submarine cable	
	1411, 1121, 1123, 2649,		
	2		
4521/00–	2499	Ireland, N. coast, Lough Foyle: Aids to navigation	3
4731/00–		British Isles, Positions on Admiralty Charts and small craft versions	–
		during the period of transfer to a WGS 84 compatible datum	
4823/00–	1540	Ireland, W. coast, River Shannon, The Whelps to Limerick: Depths	4
108/01–	1753, 2198	Ireland, NE. coast, Belfast Lough, Belfast Docks: Bridge;	3
		Maintained depths; Dredging; RoRo berths; Lights; Works;	
		Light-beacons; Buoyage	
428/01–	1978, 1981, 2198, 2199, .	England, W. coast to Ireland, NW. coast, Southport to Tory Island	3,4,5,6
	2798, 2811, 1320, 1770, .	Westwards: Submarine cable	
	2093, 2094, 1411, 1826,		
	2723, 2724, 2725, 1121,		
	1127, 2635, 2		

II

2. BRITISH ISLES – continued

768/01–	1160, 1178, 1123, 2649, 2	England, W. coast to Ireland, S. coast, Saunton Sands to Celtic Sea: Submarine cable	1,2,6
877/01–	1152, 2049, 1178, 1121, 1123, 2649, 2	England, W. coast to Celtic Sea, Burnham-on-Sea Northwards, Celtic Deep and Porcupine Sea Bight Eastwards: Submarine cable	1,2,3,6
1796/01–	1182, 1176	Wales, S. coast, Cardiff Docks and Approaches: Light	2
1977/01–	1462, 2162	Scotland, N. coast, Scrabster: RoRo berth; Reclamation; Lifeboat	6
1978/01–	1447, 1415	Ireland, E. coast, Dublin Bay: Dredging; Buoyage; Submarine pipeline	3
1986/01–	1882, 3509, 129, 1507, 2593, 3761, 266, 1191, 1405, 2182B	England, E. coast to Netherlands, Filey to Eemshaven: Submarine cable	7,9
2274/01–	2198, 2199, 1411, 2724, 1121, 2635, 2	Scotland, W. coast to Ireland, NE. coast, North Channel, Loch Ryan Northwards to Larne Eastwards: Submarine power cables	3,5,6
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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
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4946/00– 935, 936	Nouvelle-Calédonie: Fish havens	68
2285/01– 1436	Polynésie Française, Tahiti, Passe de Papeete: Wreck	73
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461/00– 397, 3959	South America, E. coast, Brazil, N. coast, Rio Para Approaches: Buoyage; Radar beacon	95
3873/00– 530	South America, E. coast, Brazil, S. coast, Paranaguá Southeastwards: Fish aggregating devices	95
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25. CARIBBEAN SEA, WEST INDIES & THE GULF OF MEXICO – continued

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UK Hydrographic Office (HA.903/05/01/01)

On Chart 3398

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

On Chart 2810

CHANNEL DEPTHS (see Note)							
BRUNSWICK HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2001							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL (ST SIMON RANGE)	31.0	31.0	A29.0	9-01	500	7.7	32
PLANTATION CREEK RANGE	35.0	41.0	39.5	9-01	400	1.8	32
JEKYLL ISLAND RANGE	30.5	37.5	33.0	9-01	400	1.9	30
CEDAR HAMMOCK RANGE	28.0	35.5	30.5	9-01	400	1.4	30
BRUNSWICK PT CUT RANGE	27.0	29.5	27.0	9-01	400	2.4	30
EAST RIVER							
LOWER REACH	B31.0	31.0	30.0	9-01	400	1.1	30
UPPER REACH	27.0	27.0	27.0	9-01	350	1.0	27
EAST RIVER TURNING BASIN	33.0	33.0	33.0	9-01	750	0.2	30
TURTLE RIVER LOWER RANGE	36.0	31.0	29.5	9-01	300	1.7	30
BLYTHE ISLAND RANGE	31.5	26.0	26.0	9-01	300	1.5	30
TURTLE RIVER UPPER RANGE	28.0	28.0	27.5	9-01	300	2.7	30
SOUTH BRUNSWICK RIVER	30.0	31.0	31.5	9-01	400	1.3	30
A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.6"N; 081°16'35.7"W.							
B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 30 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 30.5 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.							
NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							



To accompany Notice to Mariners 4796/01

On Chart 1211

TAVOLARA - CAPO CODA CAVALLO
MARINE NATURE RESERVE
(40° 53'N, 9° 45'E)

Zone A; Navigation, anchoring, swimming and fishing are prohibited. These areas are marked by buoys or beacons, which may be lit.

Zone B; Anchoring and fishing are prohibited. Navigation is permitted only at low speed.

Zone C; Anchoring is prohibited. Mooring and fishing are regulated.

For further details, mariners are advised to consult the local authority.

III

NAVIGATIONAL WARNINGS

See N.M. 13/01. Messages printed below are all in force on 20 November 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) 48th Week 29/11/01.

NAVAREA I warnings in force 20/11/01: 2000 series: 189 397 419 473 533.

2001 series: 088 099 114 116 151 152 179 222 252 258 269 283 303 311 343 375 386 403 410 412 422 428 430 444 447 449 450 456 457 459 461 462 463 464.

456 ENGLAND, South Coast. Eastbourne Bay. Chart BA 536. Obstruction, least depth by sounding 10₉m located 50°45'·2N 000°20'·1E.

457 DOVER STRAIT TSS. Southwest Bound Lane. Chart BA 536.

1. Dangerous Wreck located 50°43'·50N 000°44'·12E. Wreck marked by:

A. North, East and West Cardinal lightbuoys.

B. Two South Cardinal lightbuoys, one fitted with Racon(D).

2. A Temporary exclusion zone, radius 500m (0.27M) centred on the Wreck, has been established.

3. Vessels are prohibited from entering the area without the express permission of the U.K. Government Secretary of State's representative.

4. Vessels operating in the area in conjunction with U.K. Government statutory authorities are exempt from this direction.

5. Failure to comply with this direction is a criminal offence.

458 Cancelled.

459 SCOTLAND, West Coast. The Small Isles. Eigg, Northeastward. Chart BA 2207. Dangerous wreck reported 56°55'·97N 006°06'·04W.

460 Cancelled.

461 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 201000z Nov 01.

53°04'·1N 004°03'·4E Ensco 85

53°20'·8N 003°56'·8E Noble Piet Van Ede

53°36'·3N 002°41'·2E Maersk Enhancer

53°48'·2N 005°19'·5E Noble Lynda Bossler

54°09'·4N 003°56'·9E Glomar Adriatic 11

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 452/01.

III

462 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 201000z Nov 01.

	55°31'·8N	005°00'·4E	Maersk Endeavour
NEW	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°23'·7N	002°15'·3E	Borgny Dolphin
	56°38'·4N	002°13'·3E	J.W. McLean
	56°42'·4N	001°41'·4E	Glomar Grand Banks
NEW	56°43'·3N	003°34'·7E	Transocean Nordic
	56°51'·0N	002°15'·3E	Galaxy 1
	56°57'·7N	001°22'·0W	Ocean Nomad
	57°04'·9N	002°05'·2E	Sedco 714
	57°05'·5N	000°51'·1E	Sedco 711
	57°10'·1N	000°49'·7E	Santa Fe 140
	57°54'·0N	000°08'·6E	Ocean Princess
NEW	58°00'·9N	001°08'·0E	Stena Spey
	58°11'·1N	001°20'·6W	Santa Fe 135
	58°18'·1N	001°42'·4W	Sedco 704
	59°09'·9N	002°29'·2E	Scarabeo 6
	59°10'·6N	001°37'·2E	Paul B. Loyd Jnr
	59°11'·0N	002°24'·6E	Deepsea Bergen
	59°19'·7N	001°35'·6E	Bredford Dolphin
	59°21'·7N	002°21'·8E	West Alpha
	59°26'·0N	001°40'·9E	Glomar Arctic 3
	59°34'·9N	001°39'·3E	Borgsten Dolphin
	59°42'·5N	002°40'·0E	West Epsilon

NOTES:

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

2. Cancel 453/01.

463 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 201000z Nov 01.

	60°18'·0N	004°09'·9W	Stena Dee
	60°20'·1N	004°02'·2W	Transocean Leader
	60°20'·6N	004°14'·7W	Jack Bates
	60°20'·6N	001°37'·0E	Transocean John Shaw
	60°22'·5N	004°55'·0W	Sovereign Explorer
NEW	Sullom Voe	West Navion	
	60°28'·1N	002°39'·2E	Deepsea Delta
	60°42'·6N	003°30'·4E	West Venture
	60°45'·6N	002°51'·3E	Byford Dolphin
	60°48'·5N	003°33'·4E	Polar Pioneer
	60°51'·4N	002°39'·0E	Maersk Gallant
NEW	60°53'·4N	003°39'·2E	Maersk Jutlander
	60°55'·6N	000°49'·4E	Petrolia
	60°55'·9N	003°39'·9E	West Vanguard
	60°56'·5N	001°41'·5E	Noble Ton Van Langeveld
	61°02'·0N	001°07'·7E	Sedco 712
NEW	61°03'·3N	002°04'·4E	Deepsea Trym
	61°16'·1N	002°20'·5E	Transocean Arctic
	61°16'·5N	002°07'·2E	Bideford Dolphin
	61°26'·1N	001°55'·5E	Borgland Dolphin
	61°33'·9N	001°36'·4E	Ocean Guardian
	65°07'·1N	006°40'·5E	Transocean Searcher
	65°17'·2N	007°18'·2E	Transocean Prospect

NOTES:

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

2. Cancel 454/01.

III

464 RIGLIST. South and West Coasts of the British Isles. Correct at 201000z Nov 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 455/01.

(2) Navarea II (E Atlantic) 48th Week 29/11/01.

Edited Navarea II warnings in force 20/11/01: NIL.
409 to 413 received.

(3) Navarea III (Mediterranean) 48th Week 29/11/01.

Edited Navarea III warnings in force 20/11/01: 466/01, 552/01.
623 to 638 received.

(4) Navarea IV (NW Atlantic) 48th Week 29/11/01.

Edited Navarea IV warnings in force 20/11/01: 383/01.
431 to 435 received, except 434.

(5) Navarea V (W Atlantic) 48th Week 29/11/01.

Edited Navarea V warnings in force 20/11/01: 923/97, 568/98, 055/01, 1368/01.
Nil received.

(6) Navarea VI (SW Atlantic) 48th Week 29/11/01.

Edited Navarea VI warnings in force 20/11/01: 101/01, 175/01.
312 to 318 received.

(7) Navarea VII (SE Atlantic) 48th Week 29/11/01.

Edited Navarea VII warnings in force 20/11/01: NIL
Nil received.

(8) Navarea VIII (Indian Ocean) 48th Week 29/11/01.

Edited Navarea VIII warnings in force 20/11/01: 388/00, 268/01, 497/01, 569/01.
632 to 639 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 48th Week 29/11/01.

Edited Navarea IX warnings in force at 20/11/01: NIL.
Nil received.

(10) Navarea X (Australia, New Guinea) 48th Week 29/11/01.

Edited Navarea X warnings in force 20/11/01: 020/00.
Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 48th Week 29/11/01.

Edited Navarea XI warnings in force 20/11/01: NIL.
Nil received.

(12) Navarea XII (NE Pacific) 48th Week 29/11/01.

Edited Navarea XII warnings in force 20/11/01: 288/01.
342 to 347 received.

III

(13) Navarea XIII (NW Pacific) 48th Week 29/11/01.

Edited Navarea XIII warnings in force 20/11/01: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 48th Week 29/11/01.

Edited Navarea XIV warnings in force 20/11/01: 091/01, 239/01.
237 to 242 received.

239 SOUTH PACIFIC OCEAN. Fiji. Great Astrolabe Reef, Eastward. Chart BA 441. Volcanic activity with large areas of floating pumice reported 18°46'5S 179°10'8E.

(15) Navarea XV (SE Pacific) 48th Week 29/11/01.

Edited Navarea XV warnings in force 20/11/01: 061/01.
089 to 091 received.

(16) Navarea XVI (E Pacific) 48th Week 29/11/01.

Edited Navarea XVI warnings in force 20/11/01: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 48th Week 29/11/01.

Edited Hydropacs in force 20/11/01: 1272/99, 1639/01, 1647/01.
1833 to 1869 received, except 1856.

(18) Hydrolants (Atlantic, Mediterranean) 48th Week 29/11/01.

Edited Hydrolants in force 20/11/01: 1516/94, 2002/98, 1581/00, 2659/01, 2678/01, 2748/01, 2864/01.
2923 to 2973 received, except 2967.

UNITED STATES SPECIAL WARNING

SPECIAL WARNING NUMBER 120 WORLDWIDE

1. Due to recent events in the Middle East and the American Homeland, U.S. Forces worldwide are operating at a heightened state of readiness and taking additional defensive precautions against terrorists and other potential threats. Consequently, all aircraft, surface vessels, and sub-surface vessels approaching U.S. Forces are requested to maintain radio contact with U.S. Forces on bridge-to-bridge channel 16, international air distress (121.5 Mhz VHF) or MILAIR distress (243.0 Mhz UHF).
 2. U.S. Forces will exercise appropriate measures in self-defence if warranted by the circumstances. Aircraft, surface vessels, and sub-surface vessels approaching U.S. Forces will, by making prior contacts as described above, help make their intentions clear and avoid unnecessary initiation of such defensive measures.
 3. U.S. Forces, especially when operating in confined waters, shall remain mindful of navigational considerations of aircraft, surface vessels, and sub-surface vessels in their immediate vicinity.
 4. Nothing in the Special Warning is intended to impede or otherwise interfere with the freedom of navigation or overflight of any vessel or aircraft, or to limit or expand the inherent self-defence rights of U.S. Forces. This Special Warning is published solely to advise of the heightened state of readiness of U.S. Forces and to request that radio contact be maintained as described above.
- (Issued 16 Nov 2001)

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 6 South America Pilot Volume II (1993 Edition) — Supplement 2-1999**Canal Whiteside — Anchorage removed****249**L 38-49 *Delete*Chilean Chart 11400
(HH. 648/440/02)

[48/01]

NP 7A South America Pilot Volume IV (1983 Edition) — Supplement 7-1999**Bahía de Cartagena — Colclinker Terminal****205**L 1-13 Including existing Supplement amendment,
*Replace by:***Colclinker Terminal****9.117a**

Colclinker Terminal (10°20'·3N, 75°30'·7W) consists of a L shaped jetty, close to the shore, with a berthing face of 230 m. The maximum draught allowed is 11·43 m.

The facility is used for loading cement/clinker and coal. Vessels must maintain a maximum distance of 12 m (for cement/clinker) or 13 m (for coal) between the surface of the sea and the top of either the hatch top or loading bin, whichever is higher. This level must be maintained from the time of arrival until the completion of loading.

R 4 *Add:* Fuel and provisions are not available at the Colclinker Terminal.

mv *Gem of Paradip*
(HH. 640/800/02)

[48/01]

NP 37 West Coasts of England and Wales Pilot (1999 Edition)**River Dee Estuary — Mostyn Docks****210**Paragraph 8.37 *1* lines 1-4 *Replace by:*

- 1* **Pilotage** for Mostyn Docks and ports in River Dee and its estuary is compulsory for all vessels over 50 m LOA, and is provided by Mostyn Pilots; see 8.52.
Paragraph 8.37 *1* lines 5-10 *Delete*

211Paragraph 8.41 *1* lines 6-7 *Replace by:*

...dangers in the approaches, mariners without local knowledge should not enter the estuary without contacting Mostyn Harbour Master to obtain information and advice; see the relevant *Admiralty List of Radio Signals*.

Paragraph 8.44 *2* to *5* *Replace by:*

- 2* From a position 2 cables N of North Rhyl Light-buoy (N cardinal) which is moored 9½ miles W of Point of Ayr (53°21'N, 3°19'W), the track leads SE thence E passing (positions given from Point of Ayr):
SW of Middle Patch Spit Light-buoy (port hand) (8 miles W), moored at the W end of Tail of Middle Patch, thence:

- 3* NE of Rhyl Flats (8 miles W), marked by Rhyl Flats Light-buoy (starboard hand). Rhyl Flats is a disconnected series of shifting sandbanks with depths of less than 2 m over them. See information on sandwaves at 8.9. Thence:

- 4* SW of Tail of Middle Patch, (7½ miles W) marked by Inner Passage Light-buoy (port hand), moored 5 cables SW of Tail of Middle Patch. In the fairway between Middle Patch Spit and Inner Passage Light-buoys there is a least depth of 3·5 m (2001), with depths of less than 2 m close SW of the fairway.

- 5* Thence the line of bearing 095½° of a light-beacon (starboard hand) (53°21'·2N, 3°24'·1W) leads into the channel S of West Hoyle Spit. The light-beacon contains monitoring equipment to broadcast wind, tide and current information to Mostyn and to suitably equipped vessels. The channel (dredged to 4·7 m in 2001) is marked by light-buoys and leads E and ENE into Welsh Channel.

Paragraph 8.45 *1* *Replace by:*

- 1* **Welsh Channel** lies between the coastal bank, fronting the shore W of Point of Ayr, and West Hoyle Bank. A bar, which joins Middle Patch to the shore NE of Prestatyn (53°20'N, 3°24'W), lies at the W entrance to Welsh Channel and is crossed by a dredged channel. In 2000 there was a patch drying 2·1 m, 1 cable NE of SH4 Light-buoy (port hand) (2½ miles W).

212Paragraph 8.45 *3* line 7 *Replace by:*

... into Wild Road (8.66), to the alternate pilot boarding area.

Paragraph 8.46 *1* lines 3-5 *Replace by:*

From a position about 1¾ miles N of North Rhyl Light-buoy (8.44), the track leads ESE over Chester Bar passing:

SSW of a mast (53°25'N, 3°24'·5W) (anemometry mast on concrete plinth supported by metal piles, 40 m in height) to Mid Hoyle Channel.

Paragraph 8.46 *4* line 2 *For* 1¾ *Read* 1¼Paragraph 8.50 *Replace by:*

- 1* **Position.** Mostyn Docks (53°19'N, 3°16'W) is a small port with a Ro-Ro terminal and river wharf on the W side of River Dee estuary, 2¾ miles SE of Point of Ayr.

Function. The port is a ferry terminal for Ireland and handles bulk cargoes; bulk imports are animal feedstuff, timber products, clay and fertiliser whilst exports include steel and cement.

IV

- 2 **Port limits**, which cover a small area enclosing the approach channel and training walls, are best seen on the chart.

Approach and entry. See 8.54.

Traffic. In 2000 the port handled 157 vessels of 365 000 dwt.

- 3 **Port Authority.** The Harbour Authority for the Dee Conservancy area is Environment Agency Wales. The Dee Conservancy is represented by a Harbour Master. The Port Authority for Mostyn is Mostyn Docks Ltd, Mostyn, Holywell, Flintshire CH8 9HE. The Port Authority is represented by a Harbour Master.

Paragraph 8.51 *Replace by:*

- 1 **Maximum size of vessel:** The river wharf can accept vessels up to 6,500 dwt with a length of 120 m, beam 20 m and up to 6.5 m draught, at all states of the tide.

Paragraph 8.52 *lines 4-6 Replace by:*

... bound for Mostyn or River Dee. Other seagoing vessels are recommended to obtain information and advice from the Harbour Master on VHF.

For Mostyn Docks it is recommended that a Pilot is embarked at the outer boarding position 7 cables ESE of North Rhyl Light-buoy (8.44). Alternatively pilots board near Dee Light-buoy (53°22'0N, 3°18'8W) (8.45).

Paragraph 8.52 *lines 1-2 Replace by:*

- 3 Enter Mostyn from 2 hours before HW or by arrangement.

Paragraph 8.53 *lines 1 and 2 Replace by:*

- 1 The harbour consists of a rubble training wall which extends 3½ cables NE from the shore, a Ro-Ro terminal and a river wharf. Lights (vertically disposed) are exhibited from the head of the training wall.

- 2 The Ro-Ro terminal is SE of and parallel to the training wall and the river wharf extends 2 cables farther SSE. A turning basin, marked on its E side by M8 and M10 Light-buoys (port hand) moored 2½ cables NE and E of the Ro-Ro terminal respectively, had dredging in progress in 2001.

213

Paragraph 8.54 *Replace by:*

8.54

- 1 From Dee Light-buoy (53°22'0N, 3°18'8W) to the entrance to Mostyn Docks, the track leads 3 miles SE through Wild Road (8.66) and Mostyn Deep, thence generally SSE through a dredged channel to Mostyn Docks, passing (positions given from Point of Ayr Old Lighthouse (53°21'4N, 3°19'2W)):

- 2 NE of North East Mostyn Light-buoy (starboard hand) (9 cables E), moored at the NE edge of Mostyn Bank, thence:

NE of M1 Light-buoy (starboard hand) (1¼ miles ESE), moored at the NW edge of Salisbury Bank.

- 3 The track continues generally S and SSE through a channel, dredged to 3.0 m (2001) and marked by light-buoys (port and starboard hand), into the turning basin.

- 4 **Caution.** The buoys are periodically moved to conform with the movements of the banks; they may therefore not be in their charted positions.

Paragraph 8.55 *Replace by:*

Berths.

The Ro-Ro terminal is Berth 1.

The river wharf contains Berths 2, 3 and 4 with a total length of 310 m. Berth 4 was dredged to a depth of 7.0 m (2000).

United Kingdom Hydrographic Office

(HH. 212/400/14)

[48/01]

NP 56 Norway Pilot Volume I (2000 Edition)

Tromøysundet — Vertical clearance

72

Paragraph 3.66 *line 3 For 37 m Read 34.1 m*

Norwegian Chart 453

(HH. 311/660/03)

[48/01]

NP 61 Pacific Islands Pilot Volume II (1984 10th Edition) — Supplement 7-01

Butaritari Atoll — Directions

402

L 45-46 *Replace by:*

NW of a dangerous rock (5 cables E), thence:

United Kingdom Hydrographic Office

(HH. 593/400/01)

[48/01]

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

Mīnā' 'Abd Allāh — Oil Terminal

210

R 11 Existing Supplement amendment, *Delete*

R 13-14 *Delete*

R 44-70 Including existing Supplement amendment, *Replace by:*

Sea Island Terminal.

8.199

A berthing platform for loading oil is situated 2½ miles ENE of the harbour basin. The distance between the end mooring dolphins is 1280 ft and a submarine pipeline connects the platform to the shore close S of Mīnā' 'Abd Allāh.

The platform consists of two berths: No 18 berth on the SW side of the platform for vessels of 25 000 to 140 000 dwt, and No 19 berth on the NE side for vessels of 25 000 to 276 000 dwt. Depth at No 18 is 17.38 m, and at No 19 is 17.98 m; maximum loading draught at each berth is 16.31 m.

Lights are exhibited from dolphins at each end of the platform and a horn fog signal is sounded from the centre.

Leading lights situated on shore S of the oil tanks and in line bearing 247° lead from the anchorage towards the platform.

211

L 1-4 Including existing Supplement amendment, *Delete*

Ministry of Communications, State of Kuwait

(HH. 493/813/03)

[48/01]

IV

[48/01]

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IVA

AMENDMENTS TO FISHERMAN’S PILOT NP 150

Section 2

Admiralty List of Lights

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3108	Bell Rock (N)	56 26·1 2 23·1	Fl W 5s	28	18	White round tower 36	fl 0·1. Racon	
3304								*

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

0500	- Training Bank	50 39.8 1 55.9	Fl(2)W 5s	...	...	Black ♂ on black beacon, red band	
*	*	*	*	*	*	*	*
0825	- E Breakwater	50 48.6 0 06.4	Fl(4)WR 20s	16	W 10 R 8	White pillar, green bands	R260°-295°(35°), W295°-100°(165°). W lights show inside of breakwater walls
							*
1513	La Foraine	49 43.0 1 58.2	VQ(9)W 10s	12	6	Black ♂ on yellow tower, black band	
			*		13		
3288.52	- Marina. W Breakwater	57 29.8 1 47.4	Q G	5	2	White concrete tower	Vis 185°-300°(115°)
							*
4102	Eileanan na Liathanaich. SE end. Bunessan (N)	56 20.6 6 16.4	Fl WR 6s	12	W 8 R 6	White framework tower 5	fl 0.3. R088°-108°(20°), W108°-088°(340°)
		*				*	*
4122	- Eileanan Glasa. Green Island. Dearg Sgeir (N)	56 32.3 5 54.7	Fl W 6s	7	8	White round tower 8	fl 0.5. TE; Fl W 6s (fl 0.3), 7m 5M on top of metal scaffold tower (T) 2001
							*
4172	Lady's Rock (N)	56 26.9 5 37.0	Fl W 6s	12	5	Red round structure on white beacon	fl 0.5. TE; Fl W 6s, (fl 0.5), 12m 5M (T) 2001
		*			12		*
5022	- Ldg Lts 125°. Front	53 20.8 2 54.3	F R	...	10	Orange □	
	---	...	By day F R	...	...	...	Neon □
	*					*	
5022.1	-- Rear. 175m from front	53 20.7 2 54.2	F R	...	10	Orange □	
	---	...	By day F R	...	...	...	Neon □
	*					*	
5612	- Crow Point (T)	51 04.0 4 11.4	Fl WR 5s	8	W 6 R 5	White framework tower 7	fl 0.5. R225°-232°(7°), W232°-237°(5°), R237°-358°(121°), W358°-015°(17°), R015°-045°(30°). Q Y light marks preferred Channel under bridge 2.2M S
			*		*		*
5975	- Groomsport Harbour. Ldg Lts 207.5°. Front	54 40.6 5 36.9	F G	...	2	Red metal pole 6	Difficult to distinguish by day
	*	*				*	*

V

Volume A *continued.*

5975-1	--- Rear. 57-5m from front	54 40-6 5 36-9	F G	...	2	Wooden pole 8	PA. Obscured to landward. Very difficult to distinguish by day
	*	*				*	*
6021-85	-----	54 36-3 5 55-1	Fl G 2s				
*	*	*	*	*	*	*	*
7478-37	<i>Remove from List</i>						

Volume B, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

0648-31	---	51 55-9 4 02-2	Iso WRG 3s	23	W 13 R 10 G 10	Red and white chequered post	G247°-5°-248°-5°(1°), W248°-5°-250°-5°(2°), R250°-5°-251°-5°(1°). Synchronized with front. Fl Y lights exist within Hartelhaven Basin
	*				*		*
2326	- Veslekalv	59 15-2 10 42-2	Oc(2)WRG 8s	10	W 5 R 3 G 2	White lantern	R040°-061°(21°), W061°-127°(66°), G127°-164°(37°), W164°-171°(7°), R171°-197°(26°), W197°-202°(5°), G202°-206°(4°), R206°-224°(18°), W224°-229°(5°), G229°-289°(60°), R289°-341°(52°), W341°-346°(5°), G346°-347°(1°). Shown 1/7-10/6
		*			*		*
2334	- Revlingen. W side	59 23-9 10 37-9	Oc WRG 6s	3	W 9 R 9 G 8	Lantern on tripod	G349°-001°(12°), W001°-128°(127°), R128°-194°(66°), W194°-229°(35°), G229°-231°-5°(2°-5°). Shown 1/7-10/6
		*		*	*	*	*
2336	- MOSS CANAL. MOSS. Verlebukta. E Mole. Head	59 25-7 10 39-3	Oc(2)WRG 8s	12	W 2 R 1 G 1	White lantern on base	G202°-009°(167°), W009°-012°(3°), R012°-031°(19°), W031°-036°(5°), G036°-145°(109°). Shown 1/7-10/6
	-----	...	Horn 20s	...	...	...	<i>bl 2</i>
	*	*	*		*		
2346	- JELØY. W side. Guldholmen	59 26-1 10 34-6	Oc WRG 6s	15	W 10 R 7 G 7	GRP structure	R341°-347°(6°), W347°-001°(14°), G001°-003°(2°), W003°-063°(60°), R063°-114°(51°), W114°-190°(76°), G190°-204°(14°). Shown 1/7-10/6
		*			*		

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Volume B *continued.*

2352	- Saueholmene. S side	59 30.7 10 40.2	Iso WRG 6s	11	W 8 R 6 G 5	White lantern	W346°-352°(6°), G352°-109°(117°), W109°-119°(10°), R119°-128°(9°), W128°-162°(34°), R162°-183°(21°), W183°-186°(3°), G186°-193°(7°). Shown 1/7-10/6
		*		*	*		*
2355	- Halvorshavn. N	59 35.5 10 37.0	Iso R	...	...	Post	Private. Vis 284°-033°(109°). Marks submarine cables
		*	*				
2356	-- S	59 34.7 10 37.1	Iso R	...	...	Post	Private. Vis 174°-284°(110°). Marks submarine cables
		*	*				
2378	- Digerudgrunnen	59 43.2 10 35.2	Oc WRG 6s	7	W 13 R 10 G 10	Lantern on framework structure 11	G332°-343°(11°), W343°-347°(4°), R347°-106°(119°), G106°-160°(54°), R160°-168°(8°), W168°-172°(4°), G172°-184°(12°). Shown 1/7-10/6
	--	...	Horn 15s				
	*	*		*	*	*	
2379	- Nordre Sundbyholmen	59 43.5 10 32.1	Oc(3)WRG 10s	10	W 9 R 7 G 6	GRP tower on concrete base	R143°-182°(39°), G182°-196°(14°), W196°-200.5°(4.5°), R200.5°-221°(20.5°), G221°-283°(62°), W283°-285°(2°), R285°-308.5°(23.5°), G308.5°-342.5°(34°), W342.5°-348°(5.5°), R348°-014.5°(26.5°), G014.5°-143°(128.5°). Shown 1/7-10/6
		*			*		
2388	- Spro. W point	59 45.7 10 34.9	Oc(3)WRG 10s	4	W 9 R 8 G 8	Framework structure	R001°-009°(8°), W009°-022°(13°), G022°-109°(87°), R109°-119°(10°), W119°-123°(4°), G123°-127°(4°), W127°-170°(43°), R170°-174°(4°), W174°-179°(5°), G179°-182°(3°), W182°-185°(3°), R185°-191°(6°), G191°-195°(4°), R195°-205°(10°). Shown 1/7-10/6
		*		*	*	*	*

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Volume B *continued.*

2404	- Nesodden	59 52:3 10 39:4	Oc WRG 6s	2	W 5 R 4 G 3	White lantern on piles	G028°-032°(4°), W032°-037°(5°), R037-042°(5°), W042°-045°(3°), G045°-050°(5°), W050°-056°(6°), R056°-171°(115°), W171°-216°(45°), R216°-228°(12°), W228°-244°(16°), G244°-259°(15°), W259°-261.5°(2.5°), R261.5°-271°(9.5°). Shown 1/7-10/6
	--	...	Bell 15s				
	*	*			*		*
2406	- Nordre Langøya	59 52:5 10 43:2	Oc(2)WRG 8s	3	W 10 R 8 G 8	White lantern, concrete base	R060°-088°(28°), W088°-092°(4°), G092°-098°(6°), W098°-101°(3°), R101°-114°(13°), W114°-123°(9°), G123°-224°(101°), R224°-249°(25°). Shown 1/7-10/6
		*			*		*
2422	-- Dyna	59 53:7 10 41:3	Oc(2)WRG 8s	4	W 9 R 9 G 8	White wooden house 12	R 220°-241°(21°), W241°-261°(20°), G261°-040°(139°), W040°-051°(11°), R051°-062°(11°). Shown 1/7-10/5
		*	*	*			*
2434	Ramvikholmen	59 31:2 10 32:1	Oc(3)WRG 10s	5	W 9 R 6 G 6	White lantern on framework structure	G049°-052°(3°), W052°-074°(22°), R074°-150°(76°), W150°-164°(14°), G164°-217°(53°), R217°-223°(6°), W223°-242°(19°), G242°-255°(13°). Shown 1/7-10/6
		*			*	*	*
2440	- Rødtangen. E side of entrance	59 31:8 10 24:9	Oc WRG 6s	7	W 11 R 9 G 8	White hut, stone base	G323°-324°(1°), W324°-004°(40°), R004°-048°(44°), W048°-051°(3°), G051°-124°(73°), W124°-166°(42°), R166°-171°(5°). Shown 1/7-10/6
		*			*		*
2446	- Kroksberget	59 33:8 10 24:5	Oc(2)WRG 8s	5	W 5 R 3 G 3	White lantern	R184°-195°(11°), W195°-208°(13°), G208°-358°(150°), W358°-008°(10°), R008°-018°(10°). Shown 1/7-10/6
		*			*		

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Volume B *continued*.

2449	- Ldg Lts 156°30'. Bjørneskjær. Front	59 35.1 10 26.0	Iso WRG 4s	5	W 9 R 7 G 7	Lantern on framework tower	R about 358°-023°(25°), W023°-086°(63°), G086°-156°(70°), W156°-157°(1°), R157°-172°(15°), W172°-176°(4°), G176°-about 222°(46°)
		*			*	*	*
2450	- Svelvikrenna. Søndre	59 35.8 10 25.3	Fl W 3s	5	3	...	<i>fl 1.</i> Racon. TR 1998
		*		*		*	*
2474	Mulodden	59 28.9 10 21.0	Oc WRG	4	W 9 R 7 G 7	White lantern, concrete base	G096°-148°(52°), R148°-151°(3°), W151°-156°(5°), G156°-186.5°(30.5°), W186.5°-192°(5.5°), R192°-276.5°(84.5°), W276.5°-291°(14.5°), G291°-313°(22°)
		*			*		*
2475	Holmestrand. Ldg Lts 238°. Front	59 29.5 10 19.0	F RG	9	R 5 G 4	Post	G174°-256°(82°), R256°-343°(87°)
		*					*
2478	- Canal Mole Arm. N end	59 25.0 10 29.9	Iso WRG 4s	3	W 5 R 4 G 3	White lantern	G178°-187°(9°), W187°-217°(30°), R217°-258°(41°), G258°-273°(15°), W273°-322°(49°), R322°-357°(35°), W357°-010°(13°), R010°-038°(28°). Shown 1/7-10/6
		*			*		*

Volume C, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

0489							Remove Fog Signal
0682							Remove Fog Signal
6465	Almagrundet	59 09.3 19 07.5	LFl(3)WRG 30s	28	W 19 W 16 R 17 R 16 G 17 G 16	Black tower, red band 30	(<i>fl 3, ec 3.5</i>) x 2, <i>fl 3, ec 14.</i> R045°-052°(7°) 17.5M, R052°-077°(25°) 16M, G077°-150°(73°) 16M, W150°-155°(5°) 16M, R155°-180°(25°) 16M, G180°-218°(38°) 16M, G218°-225°(7°) 17.5M, W225°-045°(180°) 19.5M. Floodlit. Racon. Helicopter platform
					*		*
6471.6	- SANDHAMNSSUNDET. Svängen	59 16.2 18 58.5	Q WRG	14	W 12 R 9 G 7	Red tower, black bands 15	G083°-117°(34°), W117°-122°(5°), R122°-186°(64°), G186°-281°(95°), R281°-083°(162°). Floodlit
					*		*

V

Volume C *continued.*

6477	- Västerhålets	59 17·5 18 52·7	Q W	8	3	Grey beacon	W165°-275°(110°). Racon
							*
6495	Yxhammarskobben. NE point	59 18·8 18 48·6	Fl(3)WRG 9s	7	W 6 R 4 G 3	Red housing on white base 7	(fl 0·7, ec 1) x 2, fl 0·7, ec 4·9. W095°-166·5°(71·5°), R166·5°-283°(116·5°), G283°-292°(9°), W292°-298°(6°), R298°-022°(84°). Floodlit
				*		*	*
6503	Branten	59 22·5 18 42·9	Iso WRG 4s	7	W 6 R 4 G 3	White tower, yellow top	G261°-285·5°(24·5°), W285·5°-290°(4·5°), R290°-012°(82°), G012°-094·5°(82·5°), W094·5°-099°(4·5°), R099°-shore. Floodlit
							*
6515	Bolviksnäs	59 23·7 18 32·2	Q WRG	7	W 5 R 3 G 3	Red lantern on white hut, red band	G144°-147·5°(3·5°), W147·5°-150°(2·5°), R150°-157·5°(7·5°), G157·5°-193°(35·5°), R193°-258°(65°), G258°-294°(36°), W294°-299·5°(5·5°), R299·5°-310°(10·5°)
					*		*
6524·5	Tisterögrundet	59 25·9 18 23·5	Fl(3)WRG 4s	6	W 9 R 7 G 6	White column on black pedestal	G307°-323°(16°), W323°-340°(17°), R340°-349°(9°), G349°-003°(14°), W003°-150°(147°), R150°-214°(64°). Floodlit
		*	*		*		
6534	- W	59 24·0 18 26·3	Q RG	5	R 4 G 3	White metal framework tower	R shore-138·5°, G138·5°-225°(86·5°), R225°-shore. F R on tower 0·3M S. Floodlit
		*			*	*	*
6539	Stora Höggarnsbank	59 22·5 18 16·8	Q WRG	7	W 8 R 6 G 5	White hut, black base	G000°-035·4°(35·4°), W035·4°-041·2°(5·8°), R041·2°-060°(18·8°), G060°-178°(118°), R178°-224°(46°), G224°-283°(59°), W283°-286°(3°), R286°-000°(74°). Floodlit
		*					*
6545·2	Lilla Höggarnsbank	59 21·9 18 16·1	Q R	6	4	White hut, red band, black base	Floodlit
		*		*	*		*
6550	- Libertus	59 19·9 18 10·6	Fl(3)WRG 9s	6	W 5 R 4 G 3	White tower	G102°-122°(20°), W122°-127°(5°), R127°-192°(65°), W192°-262°(70°)
		*			*		*

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Volume C *continued.*

6571	Lagnögrundet	59 21·5 18 24·9	Fl(3)WRG 4s	6	W 9 R 7 G 6	White pedestal, black base	G105°-135°(30°), R135°-187°(52°), G187°-271·6°(84·6°), W271·6°-298°(26·4°), R298°-105°(167°). Floodlit. Ra refl
		*	*		*	*	
6572	Södernäs	59 21·7 18 27·2	Fl WRG 3s	6	W 5 R 4 G 3	White lantern	G336°-055°(79°), W055°-072°(17°), R072°-097°(25°), G097°-159°(62°), W159°-175°(16°), R175°-181°(6°). Floodlit
		*			*		*
6576	Huvudskär	58 57·8 18 34·1	Mo(N)W 25s	26	W 12 W 5	White tower, black band 15	<i>fl 4, ec 4, fl 1, ec 16.</i> Unintens 115°-205°(90°)
		*			*	*	
7130	Vinökråkan	57 31·8 16 44·1	Fl WRG 3s	7	W 7 R 5 G 4	White concrete tower, red band, black base 7	G181°-273·5°(92·5°), W273·5°-276°(2·5°), R276°-305°(29°), G305°-349°(44°). Floodlit. Racon
							*

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Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

1193						<i>Remove Fog Signal</i>	
8624·05	-- North Nemba	5 22·1 11 39·7	Lit	...	...	Platform	
*	*	*	*	*	*	*	*
8631	- Essungo	6 14·2 12 09·9	Mo(U)W 15s	...	...	Platform	Mo(U)W 15s and Horn Mo(U) 30s on platform 1·5M NNW. Other installations marked by lights exist in this area
	--	...	Horn Mo(U) 30s				*
8634·155	-- Terminal	6 49·6 12 22·0	Mo(U)W 15s	...	...	SPM	
*	*	*	*	*	*	*	*

Volume E, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

0031	- Dique de Benabolá. Elbow	36 29·1 4 57·2	Fl R 10s	7	4	Truncated masonry tower, red lantern 4	
	---	...	Siren 60s	...	...	...	<i>bl 5</i>
	*		*				*
0057·6	- E Breakwater. Head	36 29·0 4 44·4	Fl(4)G 10s	7	4	White round tower 4	TE 2001. F Y on jetty. Traffic Signals
							*

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Volume E *continued.*

0071	- Dique de Levante. Head	36 42·8 4 20·8	Oc G 3s	7	4	White truncated tower, green top	
					4		*
0073·2	- Dique de Abrigo. Head	36 44·9 4 04·2	Fl G 5s	9	5	White truncated conical tower, green top	<i>fl 0·5</i>
					4		*
0073·6	- Contradique. Head	36 44·9 4 04·1	Fl(2)R 7s	4	3	White round tower, red top	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i>
					3		*
0086	Isla de Alborán. S end. Summit	35 56·4 3 02·1	Fl(4)W 20s	40	10	Grey conical tower and dwelling	<i>(fl 1, ec 2) x 3, fl 1, ec 10</i>
					20		*
0136	Cabo de Palos	37 38·2 0 41·3	Fl(2)W 10s	81	23	Dark grey round tower	<i>fl 0·3, ec 2·2, fl 0·3, ec 7·2.</i> Racon
	-	...	Siren Mo(P) 40s	...	...	...	<i>bl 1·5, si 2, (bl 4·5, si 2) x 2, bl 1·5, si 22. TD 2001</i>
	*						*
0388·2	- Muelle de Cataluna. NE corner	41 05·8 1 13·8	Fl(3)G 9s	8	3	Green post	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i>
					4		*
0434·59	- New Entrance. Breakwater. N Head	41 22·2 2 11·5	Q(3)W 10s	6	5	⚓ on black post, yellow band	<i>(fl 0·3, ec 0·7) x 2, fl 0·3, ec 7·7</i>
		*		*			*
0434·595	--- S Head	41 21·7 2 11·2	Q(3)W 10s	6	5	⚓ on black post, yellow band	<i>(fl 0·3, ec 0·7) x 2, fl 0·3, ec 7·7</i>
*	*	*	*	*	*	*	*
4946·2	Fatih Sultan Mehmet Bridge. Centre	41 05·5 29 03·5	Oc W 3s	67			
	- 200m W of Centre	...	Oc Y 6s	67			
	- 361m W of Centre	...	Oc R 6s	66			
	- W side	...	Fl R	...	...	...	Marks side of tower
	- 200m E of Centre	...	Oc Y 6s	67			
	- 399m E of Centre	...	Oc R 6s	66			
	- E side	...	Fl R	...	...	...	Marks side of tower
	*		*	*			*
4946·4	<i>Remove from List</i>						
4946·6	<i>Remove from List</i>						
5789	Çam Burnu	40 58·4 38 38·6	Fl(2)W 10s	16	12	Metal framework tower	<i>fl 0·5, ec 2, fl 0·5, ec 7</i>
					6		
					*		
5792	- S Breakwater. Head	40 55·2 38 22·6	Fl G 6s	9	9	Concrete tower	<i>fl 0·3</i>
		*	*		6		

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Volume E *continued.*

5794-4	- Mersin. Breakwater. Head	41 07:1 37 46:0	F G	13	3	...	Fishing. TE 2001
	*	*	*	*			*
5794-5	-- Secondary Breakwater. Head	41 07:0 37 45:9	F R	11	3	...	Fishing. TE 2001
	*	*	*	*			*
5795	Yasun Burnu	41 08:3 37 41:0	Fl(2)W 15s	11	8	White metal framework tower, concrete base 7	(fl 0:5, ec 2) x 2, fl 0:5, ec 9:5 *

Volume F, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

1739-3	-- TJUT-12	1 25:2 103 59:0	Fl R 6s	...	...	Red □ on red beacon	(P) 2001. Marks works in progress
	*	*	*	*	*	*	*
1739-35	-- TJUT-17	1 24:1 103 58:4	Fl Y 4s	...	...	Yellow beacon	(P) 2001. Marks works in progress
	*	*	*	*	*	*	*
3587-25	Guang'ao Wan. Huzi	23 14:6 116 43:1	F WR	26	...	White concrete post 7	W257:3°-223:5°(326:2°), R223:5°-257:3°(33:8°)
	*	*	*	*	*	*	*
3677	Haimen Gang. Changshunba End	28 41:5 121 26:0	Q(3)W 10s	8	3	⬠ on black beacon, yellow band	
	*	*	*	*	*	*	*
3718-45	-	30 17:5 121 09:8	Fl W 4s	10	7	...	(T) 2001
	*	*	*	*	*	*	*
3718-48	-	30 12:0 120 57:0	Fl(3)W 10s	13	3	...	(T) 2001
	*	*	*	*	*	*	*
3906-25	-	37 10:7 119 29:3	Fl(3)W 12s	10	3		
	*	*	*	*	*	*	*
3906-27	-	37 15:2 119 11:4	Q R	12	3		
	*	*	*	*	*	*	*
4147-5	Dapdong Hang. E Breakwater	37 46:4 124 44:9	Fl W 6s	13	8	White round concrete tower 11	
	*	*	*	*	*	*	*
4265-5	- Gamundong Hang. N Breakwater	33 29:0 126 23:7	Fl R 5s	11	5	Red round metal tower 8	TE 2001 *

V

Volume F *continued*.

4266-5	-- Outer W Breakwater	33 31-7 126 32-6	Fl R 5s	19	13	Red round concrete tower 15	Racon	*
7164-5	- Kara Shima	36 51-7 136 59-9	Fl W 3s	20	12	White tower 12		*

Volume G, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

3721-6 *Remove from List*

5222-2	--- E side	49 40-7 126 07-5	F R	...	...	...	Private	
		*						
7000	- NUSHAGAK BAY. Ekuk Bluff. Ldg Lts 341°. Front	58 49-0 158 33-3	Q W	6	...	Red □, white stripe, on framework tower	Intens on leading line	
		*						

Volume H, 2001/02. NEW EDITION. Weekly Edition No. 48, Dated 29th November, 2001.

NOTE: The first amendments for this New Edition, will be published in Weekly Edition No. 49, dated 6 December, 2001.

Volume J, 2000/01. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

2398	<i>ODAS Buoy 41001</i>	34 40-5 72 13-5	Fl(4)Y 20s	...	...	<i>Yellow superbuoy</i>		
*	*	*	*	*	*	*		*
3913-79	Gretna Harbor Traffic Control. No 97	29 55-5 90 03-7	Fl R 5s	...	6	Framework tower	Operated by Coast Guard Marine Safety Office New Orleans during periods of high water. Controls one way traffic around Algiers Point. Same structure as J3913-8	
	--	...	Fl G 5s	...	6	Same structure		
	*		*		*	*		
4053-5	-- Ferry landing	29 21-7 94 46-8	2 Fl R 2-5s	5	...	Dolphins	Private. Marks entrance to ferry landing	
	---	...	2 Fl G 2-5s	5				
	---	...	4 F W					
	---	...	Horn					*
4373	- Muelle Fiscal. Head. N side	18 38-2 91 50-2	Iso G 2s	8	6	Concrete column 5	TE 2001	*
4470-6	- 42002	25 54-0 93 35-4	Fl(4)Y 20s	10	5	Mast on yellow circular buoy		
		*						

V

Volume J *continued.*

4470-619	- 42019	27 55:1 95 12:7	Fl(4)Y 20s	...	... Yellow superbuoy	
		*				
4470-62	- 42020	26 57:2 96 42:0	Fl(4)Y 20s	...	... Superbuoy	Reported 2001
		*				
4830-2	- No 5	22 41:6 83 58:3	Fl G 3s	4	3 Green ◻ on green GRP beacon	TE 2001
						*
4830-4	- No 6	22 41:5 83 58:4	Fl R 6s	4	3 Red △ on red GRP beacon	TE 2001
						*
5128	Los Ballenatos	21 34:7 81 38:3	Fl W 10s	9	11 White metal framework tower	<i>fl 1</i>
					8	
					*	
5130	Cayo Largo. NW side	21 38:4 81 33:9	Fl W 6s 219	13	10 White 8-sided concrete tower	<i>fl 1</i>
					7	
					*	
6188-5	--	11 06:0 74 51:2	Lit			
*	*	*	*	*	*	*
6191-95	- E10	11 03:6 74 50:5	Lit			
*	*	*	*	*	*	*
6424	- El Gran Roque	11 57:5 66 40:6	Fl W 10s	114	18 White GRP tower, orange bands	<i>fl 1</i>
		*			*	

Volume K, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 47, dated 22nd November, 2001.

1197	Karang Manila	7 21:7 113 10:1	Fl(2)W 12s	12	12 Black ⊗ on black beacon, red band	<i>fl 0:5, ec 1, fl 0:5, ec 10.</i> TE 2001
						*
1198	Batu Sirumpa	7 24:5 113 04:0	Fl(2)W 10s	16	9 Black ⊗ on black beacon, red bands	<i>fl 0:5, ec 2:5, fl 0:5, ec 6:5.</i> TE 2001
						*
1278	Pangandaran	7 41:4 108 30:6	Fl W 4s	12	10 White beacon	<i>fl 0:5</i>
*	*	*	*	*	*	*
1278-2	-	7 41:8 108 39:7	Fl W 5s	12	10 White beacon	<i>fl 0:5</i>
*	*	*	*	*	*	*

V

Volume K *continued.*

1307·5	- Badas	8 28·0 117 22·4	Fl W 2s	12	10	White beacon	<i>fl 0·5</i>
			*			*	
1310·2	-- Bima (Sumbai) eastwards	8 24·9 118 41·5	Fl G 3s	15	12	Green steel framework structure, GRP tower 10	<i>fl 0·5</i> . Ra refl
	*						*
1334·8	- Maumere	8 37·0 122 13·0	F R	11	4	White metal framework tower	
					9		
*	*	*	*	*	*	*	*
1335	- Teluk Maumere	8 37·9 122 13·5	Fl(3)W 20s	110	25	White steel framework structure	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 15·5</i>
					40		
		*					*
1560	- Pulau Bungku Toko	3 58·4 122 36·4	Fl WR 2s	12	12	Red and white striped beacon	<i>fl 0·5</i> . R260°-298°(38°), W298°-260°(322°)
	*	*	*		9		*
2417·7	<i>Remove from List</i>						
2417·71	<i>Remove from List</i>						
2417·73	-- Altona. Boat Harbour Entrance. No 1	37 51·1 144 50·9	Fl G 3s	...	...	Green beacon	
	*						
4785·62	- Passes Ouest de Houailou. Passe Sud-Est	21 09·0 165 43·5	Fl G 4s	6	4	△ on green buoyant beacon	<i>fl 1</i>
							*
4788·75	Passe de Koumac. W Pass	20 40·5 164 14·7	Q(3)W 10s	7	...	⬠ on black beacon, yellow band	
							*
4788·76	Îlot Kendec. SW end	20 40·3 164 15·0	Fl G 2·5s	7	...	Green △ on green beacon	<i>fl 0·5</i>
							*
4965·9	- Passe d'Aifa. E side	17 47·1 149 25·3	Fl G 2·5s	4	6	Green beacon	<i>fl 0·5</i>
				*	5	*	*
4965·93	-- Southwards	17 46·7 149 25·7	Q(3)W 5s	2	4	Black beacon, yellow band	
		*	*		4		

V

Volume L, 2001/02. Weekly Edition No. 48, Dated 29th November, 2001.

Last Amendment: Weekly Edition No. 45, dated 8th November, 2001.

0739	- Pelsboen	62 21·3 5 36·6	Q G	10				
*	*	*	*	*	*	*		*
0798	- Brattholmen	62 29·1 6 13·2	Fl WR 3s	8	W 3 R 2	Lantern on pedestal	fl 0·3. R070°-091·5°(21·5°), W091·5°-269°(177·5°), R269°-286°(17°), W286°-329·5°(43·5°), R329·5°-340°(10·5°). Shown 16/7-21/5	*

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 48 dated 29 November 2001

VOLUME 1, 2001/02—PART 1

Published Wk 31/01

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

SHIP REPORTING SYSTEMS

Page 299, **THE AMVER ORGANISATION (Automated Mutual-assistance VESSEL Rescue System)** *insert temporary section:*

Temporary Requirements for Notifications of Arrival (NOA) and Departure (NOD) in U.S. Ports, until 15 June 2002

Until 15 June 2002 all vessels required to report notice of arrival or departure must report to the National Vessel Movement Center (NVMC) United States Coast Guard by:

- i Telephone: 1 800 708 9823 or 1 304 264 2502
- ii Fax: 1 800 547 8724 or 1 304 264 2684
- iii E-mail: sans@nvmc.uscg.gov

For further information see NVMC website: www.nvmc.uscg.gov

Notification of Arrival (NOA)

NOA reports for foreign vessels of 300 GRT or less operating in the 7th Coast Guard District (S.E. United States) must continue to be sent to cognizant Captains of the Port (COPT)

Vessels bound for destinations in the United States must report as follows:

- A. Vessels on a voyage of 96 hours or more must submit the following information at least 96 hours before arrival at the destination
- B. Vessels on a voyage of less than 96 hours must submit the following information before leaving the port of departure but not less than 24 hours before arrival at the destination
- C. The following information must be submitted:
 - 1. Destination in the United States
 - 2. Estimated date and time of arrival at each destination
 - 3. Name of vessel
 - 4. Country of registry of vessel
 - 5. Call sign
 - 6. IMO number or official number of vessel
 - 7. Name of registered owner of vessel
 - 8. Name of operator of vessel
 - 9. Name of classification society of vessel
 - 10. General description of cargo
 - 11. Date of departure and last port of call
 - 12. Name and telephone number of 24 hour point of contact for each port included in the NOA
 - 13. Location of vessel at time of report
 - 14. List of crew onboard the vessel. The list must include:
 - a. Full name
 - b. Date of birth
 - c. Nationality
 - d. Passport number or mariner's document number; and
 - e. Position or duties on vessel
 - 15. A list of persons in addition to the crew onboard the vessel. The list must include:
 - i. Full name
 - ii. Date of birth
 - iii. Nationality; and
 - iv. Passport number
- D. A copy of INS Form I-418 may be submitted to meet the requirements of C.14 and C.15 above
- E.
 - a. Any changes must be notified as soon as possible but not later than 24 hours before arrival
 - b. Any changes to the arrival or departure times in a submitted NOA that are less than 6 hours, need not be reported
 - c. When reporting changes, only report the specific items to be corrected in the submitted NOA report
- F. If the vessel is 500GRT or more and engaged on a foreign voyage to the U.S. you must provide the International Safety Management (ISM) Code notice described in paragraph G. as follows:
 - a. ISM Code notice beginning 26 Jan. 1998 if your vessel is a passenger carrying vessel carrying more than 12 passengers, a tank vessel, a bulk freight vessel or a high-speed freight vessel
 - b. ISM Code notice beginning 1 July 2002 if your vessel is a freight vessel not listed in F. above or a self-propelled drilling unit (MODU)

Continued on next page

VI

- G. ISM Code notice includes the following:
 - a. Date of issue of the Document of Compliance that covers the vessel
 - b. Date of issue of the vessel's Safety Management Certificate, and
 - c. The name of the Flag Administration or organization that issued those certificates
- H. Any vessel planning to enter two or more consecutive destinations in the U.S. during a single voyage may submit one consolidated NOA at least 96 hours before arrival at the destination. The consolidated notice must include the destination name and estimated arrival date for each destination on the voyage. Any vessel submitting a consolidated notice must still meet the requirements of paragraph E. above

Notification of Departure (NOD) Vessels carrying certain dangerous cargo

- A. Vessels must submit a NOD, including the following information at least 24 hours before departure, unless this notification was made within 2 hours of the vessel's arrival:
 - 1–12 As for C.1–9 & C.11–13 above with the addition of:
 - 13. Name of each of the certain dangerous cargoes carried
 - 14. Amount of the certain dangerous cargoes carried
 - 15. Stowage location of each of the certain dangerous cargoes carried
 - 16. General description of cargo other than dangerous cargoes
 - 17. Operational condition of the equipment
 - 18–19 As for C.14–15 above
- B. As for D. above
- C.
 - 1. Any changes must be must be reported prior to departing
 - 2. Any changes to the arrival or departure times in a submitted NOD that are less than 6 hours need not be reported
 - 3. When reporting changes, only report the specific items to be corrected in the submitted NOD report

Federal Register, Vol. 66, No. 193, 4th October 2001, Rules and Regulations (HH080/024/20 E18) 48/01

VOLUME 1, 2001/02—PART 2

Published Wk 31/01

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

SHIP REPORTING SYSTEMS

Page 223, **THE AMVER ORGANISATION (Automated Mutual–assistance VESsel Rescue System)** *insert temporary section:*

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 - 4. Country of registry of vessel
 - 5. Call sign
 - 6. IMO number or official number of vessel
 - 7. Name of registered owner of vessel
 - 8. Name of operator of vessel
 - 9. Name of classification society of vessel
 - 10. General description of cargo
 - 11. Date of departure and last port of call

Continued on next page

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12. Name and telephone number of 24 hour point of contact for each port included in the NOA
 13. Location of vessel at time of report
 14. List of crew onboard the vessel. The list must include:
 - a. Full name
 - b. Date of birth
 - c. Nationality
 - d. Passport number or mariner's document number; and
 - e. Position or duties on vessel
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 - ii. Date of birth
 - iii. Nationality; and
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- E. a. Any changes must be notified as soon as possible but not later than 24 hours before arrival
- b. Any changes to the arrival or departure times in a submitted NOA that are less than 6 hours, need not be reported
- c. When reporting changes, only report the specific items to be corrected in the submitted NOA report
- F. If the vessel is 500GRT or more and engaged on a foreign voyage to the U.S. you must provide the International Safety Management (ISM) Code notice described in paragraph G as follows:
- a. ISM Code notice beginning 26 Jan. 1998 if your vessel is a passenger carrying vessel carrying more than 12 passengers, a tank vessel, a bulk freight vessel or a high-speed freight vessel
- b. ISM Code notice beginning 1 July 2002 if your vessel is a freight vessel not listed in F. above or a self-propelled drilling unit (MODU)
- G. ISM Code notice includes the following:
- a. Date of issue of the Document of Compliance that covers the vessel
- b. Date of issue of the vessel's Safety Management Certificate, and
- c. The name of the Flag Administration or organization that issued those certificates
- H. Any vessel planning to enter two or more consecutive destinations in the U.S. during a single voyage may submit one consolidated NOA at least 96 hours before arrival at the destination. The consolidated notice must include the destination name and estimated arrival date for each destination on the voyage. Any vessel submitting a consolidated notice must still meet the requirements of paragraph E. above

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- B. As for D. above
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2. Any changes to the arrival or departure times in a submitted NOD that are less than 6 hours need not be reported
3. When reporting changes, only report the specific items to be corrected in the submitted NOD report

Federal Register, Vol. 66, No. 193, 4th October 2001, Rules and Regulations (HH080/024/20 E18) 48/01

VOLUME 2, 2001

Published Wk 8/01

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

RADIOBEACONS AND RADIO DIRECTION-FINDING STATIONS

0925 Punta Estaca de Bares Lt

Delete frequency 309.5 and replace by: 292.5

1015 Castellón, Muelle Pesquera

Delete frequency 310.5 and replace by: 285.5

Corrections to Spanish Radiosignals W43/01 (HH080/008/07 - E4) 48/01

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VOLUME 3, 2001/02—PART 1

Published Wk 24/01

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

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 200, **NORWAY, Florø (LGL)**

Delete **Weather Bulletins** and **Navigational Warnings** sections and replace by:

Weather Bulletins		Navigational Warnings	
A: On receipt 0233 0633 1033 1433 1833 2233 On request	Storm Warnings: Near gale warnings in Norwegian and English for coastal waters from Karmøy to Stad Gale warnings in Norwegian and English for Areas 24, N1, N2	A: On receipt 0233 0633 1033 1433 1833 2233 On request	Navigational warnings and ice reports, in Norwegian and English
A: On request	24 hour forecast in Norwegian or English		

Day Watson and Telenor (HH080/097/07 - E24) 48/01

Page 211, **POLAND, Szczecin (SPO)**

Delete frequency table and replace by:

Szczecin (SPO)				
A	1794	RT (MF)		
B	Ch 24	VHF		
B	Ch 26	VHF		
DIAGRAMS: pages 212, 213 and 214				

Polish Notice 42/01 (HH080/004/09 - E6) 48/01

Page 221, insert section:

RUSSIA (Caspian Sea Coast)

NAVTEX [W]			
A	Astrakhan	518 kHz	45°47'N 47°33'E
Weather Bulletins		Navigational Warnings	
A: 0340 1140	Bulletin for Caspian Sea. In English	A: 0340 0740 1140 1540 1940 2340	Warnings for Caspian Sea. In English

Ministry of Transport of the Russian Federation (HH080/051/15 - E13) 48/01

VI

VOLUME 3, 2001/02—PART 2

Published Wk 24/01

(Last Amendments: Weekly Edition No. 46 dated 15 November 2001)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 132, **MARTINIQUE, CROSSAG Fort-de-France (MRCC)**

Delete station and replace by:

CROSSAG Fort-de-France (MRCC)				
A	2545	RT (MF)	Martinique	14°36'N 61°04'W
Martinique				
B	Ch 79	VHF	Le Marin	14°27'N 61°54'W
C	Ch 80		Bigot/Bellefontaine	14°41'N 61°08'W
D	Ch 79		Grande Riviere	14°52'N 61°11'W
E	Ch 80		La Caravelle	14°45'N 60°55'W
Guadeloupe				
F	Ch 79	VHF	Morne a Louis	16°11'N 61°44'W
G	Ch 80		Piton Sainte Rose	16°20'N 61°45'W
H	Ch 64		Marie-Galante	15°54'N 61°15'W
I	Ch 80		Vieux Fort	15°57'N 61°45'W
Saint- Martin				
J	Ch 64	VHF	Pic Paradis	18°04'N 63°03'W
DIAGRAM: page 133				
Weather Bulletins		Navigational Warnings		
A: Every even H+00 B- J: Every H+00	Storm Warnings: Hurricane warnings for the area 10°N-20°N, 50°W-70°W. In French and English	B: 1050 2020 LT C: 1100 2030 LT D: 1110 2040 LT E: 1120 2050 LT	Warnings after scheduled weather broadcasts for the coastal waters of Martinique, S. Lucia and Dominica. In French	
A: 0815 1733 LT	Synopsis and 24 hour forecast for area 10°N-20°N, 50°W-70°W. In French and English	F: 1130 1900 LT G: 1140 1910 LT H: 1150 1920 LT I: 1200 1930 LT	Warnings after scheduled weather broadcasts for the coastal waters of Guadeloupe. Gunfire Warnings for Guadeloupe Firing Practice Area on diagram on page 133. In French.	
B: 0720 1050 1820 2020 LT C: 0730 1100 1830 2030 LT D: 0740 1110 1840 2040 LT E: 0750 1120 1850 2050 LT	Gale warnings, synopsis, 24 hour forecast for the coastal waters of Martinique, S. Lucia and Dominica up to 25 nm offshore. In French.	J: 1230 2000 LT	Warnings after scheduled weather broadcasts for the coastal waters of S. Martin and Antigua. In French.	
F: 0800 1130 1900 2100 LT G: 0810 1140 1910 2110 LT H: 0820 1150 1920 2120 LT I: 0830 1200 1930 2130 LT	Gale warnings, synopsis, 24 hour forecast for the coastal waters of Guadeloupe up to 25 nm offshore. In French.			

Continued on next page

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Weather Bulletins		Navigational Warnings	
J: 0900 1230 2000 2200 LT	Gale warnings, synopsis, 24 hour forecast for the coastal waters of S. Martin and Antigua up to 25 nm offshore. In French.		
NOTE: Scheduled broadcasts may be suspended whilst SAR action is in progress			

former amendment 43/01

French Notice 34/01 (HH080/007/07 - E35) 48/01

Page 154, **SVALBARD (Norway), Svalbard (LGS)**

Delete **Weather Bulletins** and **Navigational Warnings** sections and replace by:

Weather Bulletins		Navigational Warnings	
A: 0003 0803 1203	For coastal waters off northern Norway, Norwegian Sea north of 70°N and Barents Sea	A: 0003 0803 1203	Ice Reports: Updated every Tuesday

Day Watson and Telenor (HH080/097/07 - E24) 48/01

VOLUME 6, 2001/02—PART 1

Published Wk 41/01

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

Page 155, **UNITED KINGDOM, LANGSTONE HARBOUR**

Delete **Pilots** section and replace by:

Pilots

PROCEDURE:

- (1) Pilotage is compulsory for the following:
 - (a) Vessels of 48m LOA and over
 - (b) Vessels of 20m LOA carrying more than 12 passengers
- (2) Requests for pilotage should be sent to Langstone Harbour Master 24h in advance.
- (3) Pilotage is provided by Langstone Harbour using Portsmouth Pilots for embarkation and disembarkation.

48/01

Port, delete TELEPHONE, FAX, FREQUENCY and HOURS and replace by:

TELEPHONE: Harbour Office: +44(0)23 9246 3419

FAX: Harbour Office: +44(0)23 9246 7144

E-MAIL: jardine@langstoneharbour.org.uk

WEBSITE: www.langstoneharbour.org.uk

FREQUENCY: Ch 12 16

HOURS: Mon-Fri: 0800-1700

Sat & Sun: 1 May-31 Oct: 0800-1700

1 Nov-30 April: Closed

Langstone Harbour Board (HH080/001/21 - E36) 48/01

VOLUME 6, 2001/02—PART 2

Published Wk 41/01

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

Page 91, **GERMANY (Baltic Coast), KIEL**

Delete **Port** section and replace by:

Port

TELEPHONE: Office hours: +49(0)431 9 01 11 73

After office hours: +49(0)171 6 49 73 73

FAX: +49(0)431 9 44 77

FREQUENCY: Port: Ch 11

HOURS: Office hours: Mon-Fri: 0800-1600 LT

Kapitan Stegmann, Nautischer Dienst (HH080/003/12 - E2) 48/01

Page 110, **GERMANY (North Sea Coast), ELBE**

Pilots, Cuxhaven Pilot Station, delete CALL and replace by:

CALL: Cuxhaven Harbour Pilot

48/01

Delete FREQUENCY and replace by:

FREQUENCY: Ch 10

German Notices 44/01 (German VTS Guide and German Radio List) 48/01

Page 206, **PORTUGAL, SINES**

Pilots, PROCEDURE, delete sections (3) and (4) and replace by:

- (3) Pilot boards within a 3 n mile radius from the head of the west breakwater, depending on weather conditions and size of vessel.

Port Traffic Control, Sines (HH080/008/07 - E3) 48/01

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VOLUME 6, 2001/02—PART 4

Published Wk 41/01

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

Page 115, **INDIA, SIKKA**

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

(c) SPM: 22°36'·0N 69°47'·0E

Indian Chart 2083 48/01

VOLUME 8, 2001/02

Published Wk 12/01

(Last Amendments: Weekly Edition No. 45 dated 8 November 2001)

Page 52, **SPAIN (Mediterranean Coast)**, *insert station:*

Castellón	39°58'·17N 00°01'·23E	286					70	Planned	
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Page 52, **SPAIN (North Coast)**, Punta Estaca de Bares Lt, *delete frequency 310 and replace by 293:*

Corrections to Spanish Radiosignals W43/01 (HH080/008/07 - E4) 48/01

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