



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 14

4 April 2002

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

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

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

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

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

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

Access Details:

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

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

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

www.ukho.gov.uk.

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

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

www.ukho.gov.uk/notices_to_mariners.html

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

Details of File Content.

Weekly Notices to Mariners.

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49–RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

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

Annual Summary of Admiralty Notices to Mariners (NP247).

The Annual Summary is published in January each year and referenced as NP247–YY (Where 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. (Where 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 (Where 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 – (Where NP 246X refers to the Quarterly edition and YY refers to the Year) contains the quarterly SCNMs, referenced under the relevant Navigational Publication (NP) number (Example NP246C/01). There are links between the Index Page and the Geographical Sections. The full colour NM Blocks and Notes are available as separate files (see *Digital Colour Blocks and Notes* below).

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49–RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

NM Feedback Form.

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

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

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

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

Help-Line

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

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

Fax: +44 (0) 1823 331945

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

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I

EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

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EXPLANATORY NOTES

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

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

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 4 April 2002

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

Reproductions of Australian Government Charts

Chart	Published	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
©Aus 144	9/11/01	Australia - South Coast, Victoria, Approaches to Port Phillip. 38°15' 24"S.—38°24' 13"S., 144°28' 00"E.—144°45' 42"E. <i>A new chart providing improved coverage of the Approaches to Port Phillip. The horizontal and vertical datums are WGS84 and LAT respectively.</i>	1:25,000	65	88	£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 4 April 2002

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	Ⓐ Breskens.	1:20,000			
	Ⓑ Braakmanhaven.	1:25,000			
	Ⓒ Terneuzen (Anchorage).	1:20,000			
	Ⓓ Continuation to Gent (at same scale).	1:40,000			
	Ⓔ Gent.	1:25,000			
	Ⓕ Approaches to Terneuzen.	1:25,000			
	Ⓖ Vlissingen Oost (Sloehaven).	1:25,000			
	Ⓗ Terneuzen.	1:25,000			
	Ⓘ Vlissingen.	1:25,000			
	<i>This partial new edition is limited to include changes to depths and buoyage in the channels between Terneuzen and Hansweert.</i>				
	<i>Note: On publication of this New Edition Former Notices 4640(T)/01 and 751(P)/02 are cancelled. This chart remains affected by Former Notice 4005(T)/98.</i>				
⊙1260	China, Yellow Sea, Ports on the Coast of Shandong Bandao.		52	78	£16.30
	Ⓐ Yantai and Approaches.	1:40,000			
	Ⓑ Approaches to Weihai.	1:40,000			
	Ⓒ Weihai.	1:15,000			
	<i>A partial new edition limited to include changes to buoyage, restricted areas and depths in Yantai and approaches.</i>				
	<i>Note: On publication of this New Edition Former Notices 2240(P)/00 and 4214(P)/01 are cancelled.</i>				
⊙1536 INT 1557	International Chart Series, England - East Coast, Approaches to Great Yarmouth and Lowestoft.	1:40,000	7	22	£16.30
	Ⓐ Great Yarmouth Haven.	1:6,250			
	Ⓑ Great Yarmouth Haven.	1:6,250			
	Ⓒ Approaches to Lowestoft.	1:20,000			
	Ⓓ Lowestoft Harbour, Outer Harbour to Lake Lothing.	1:6,250			
	Ⓔ Lowestoft Harbour, Lake Lothing.	1:6,250			
	<i>Includes changes to depths from the latest British Government and ABP Lowestoft surveys.</i>				
	<i>Note: On publication of this New Edition Former Notice 3729(P)/01 is cancelled. This chart is to be deleted from the list of charts affected by Former Notice 3241(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 4 April 2002 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙2741	Indian Ocean - Comores Archipelago, Ile de Mayotte. <i>Includes changes to depths, lights, buoyage, beacons, names and landmarks within the areas of larger scale Charts 2756 and 2757.</i> <i>Note: On publication of this New Edition Former Notices 4827(P)/00 and 1208(P)/01 are cancelled.</i>	1:100,000	36	52	£16.30

Reproductions of Australian Government Charts

Chart	Published	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙Aus 58	9/11/01	Australia - North West Coast, Western Australia, Port of Dampier. <i>Includes new anchorage areas and general updating throughout. The chart is now referred to WGS84 datum.</i>	1:37,500	63	88	£16.30

Reproductions of New Zealand Government Charts

Chart	Published	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙NZ 56	Sep 2001	New Zealand, North Island - East Coast, Table Cape to Blackhead Point. <i>Includes new magnetic variation information. The chart is now referred to WGS84 datum.</i>	1:200,000	71	90	£16.30
⊙NZ 5322	Sep 2001	New Zealand, North Island - East Coast, Auckland Harbour. Commercial Harbour. Calliope Wharves. <i>Includes the latest survey information.</i>	1:18,000 1:7,500 1:5,000	71	90	£16.30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 2 MAY 2002

New Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
1025	West Indies, Lesser Antilles, Anguilla to Guadeloupe. 15°47'·00N. - 18°46'·00N. 61°20'·00W. — 63°27'·00W. <i>One of a series of new metric charts providing improved coverage of the West Indies (A modified reproduction of French Chart 7630, originally published in 2000).</i>	1:300,000	955

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
367	North Atlantic Ocean, Ports in Arquipélago de Cabo Verde. (A) Approaches to Porto Grande. (B) Ilha de São Vicente, Porto Grande. (C) Ilha do Sal. (D) Ilha do Sal, Porto de Santa Maria. (E) Ilha do Sal, Porto da Palmeira. (F) Ilha de Santiago, Approaches to Porto da Praia. (G) Ilha de Santiago, Porto da Praia. <i>Includes changes to depths, lights, buoyage, names and landmarks from the latest Cabo Verde charts.</i>	1:150,000 1:17,500 1:200,000 1:20,000 1:12,500 1:150,000 1:15,000	367
633	Plans on the East Coast of Ireland. (A) Ardglass and Killough Harbours. (B) Skerries Islands. (C) Wicklow. (D) Arklow. (E) Malahide Inlet. (F) Rogerstown Inlet. <i>Provides improved coverage of Ardglass and Killough Harbours and Rogerstown Inlet. Includes amendments to depths, beacons and buoyage in Ardglass, Wicklow and Malahide with changes to coastline and landmarks in Arklow and Malahide. Small craft facilities symbols have been included throughout.</i>	1:15,000 1:12,500 1:10,000 1:10,000 1:10,000 1:20,000	633
3038	Norway - West Coast, Approaches to Måløy. (A) Måløy. (B) Skatestraumen. <i>This partial new edition is limited to include the Nordfjord Municipal District Limit and amendments to submarine cables.</i>	1:50,000 1:10,000 1:20,000	3038

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 2 MAY 2002

New Editions of Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
3220 INT 1875	International Chart Series, Portugal - West Coast, Entrance to Rio Tejo including Baía de Cascais. <i>Includes changes to depths within the Barra Sul or Grande entrance channel. (A modified reproduction of INT 1875 originally published by Portugal).</i>	1:15,000	3220 INT 1875
3436	Finland - South-west Coast, Saaristomeri, Turku and Approaches. Ⓐ Naantali (Nådendal). Ⓑ Pansio. Ⓒ Kanavaniemi. <i>Includes amendments to coastline and depths from the latest Finnish Government chart. The chart has been redesigned with a larger scale plan of Pansio and graduation has been added to all the plans.</i>	1:20,000 1:10,000 1:5,000 1:10,000	3436

Reproductions of New Zealand Government Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
NZ 42	New Zealand, North Island - West Coast, Cape Reinga to Manukau Harbour. <i>Includes general amendments throughout including the latest magnetic information. The chart is now referred to WGS84 datum.</i>	1:300,000	NZ 42
NZ 45	New Zealand, North Island - West Coast, Cape Egmont to Rangitikei River. <i>Includes general amendments throughout including the latest magnetic information. The chart is now referred to WGS84 datum.</i>	1:200,000	NZ 45
NZ 51	New Zealand, North Island, Tauroa Point to Cape Brett. <i>Includes general amendments throughout including the latest magnetic information. The chart is now referred to WGS84 datum.</i>	1:200,000	NZ 51
NZ 76	New Zealand, South Island - West Coast, Western Approaches to Foveaux Strait. <i>Includes general amendments throughout including the latest magnetic information. The chart is now referred to WGS84 datum.</i>	1:300,000 1:300,000	NZ 76

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>
120 INT 1479	International Chart Series, Netherlands and Belgium, Westerschelde, Vlissingen to Baalhoek and Terneuzen - Gent Canal.	⊙120 INT 1479
696	Baltic Sea, Germany, Kieler Hafen.	⊙2344 INT 1365
1260	China, Yellow Sea, Ports on the Coast of Shandong Bandao.	⊙1260
1536 INT 1557	International Chart Series, England - East Coast, Approaches to Great Yarmouth and Lowestoft.	⊙1536 INT 1557
2741	Indian Ocean - Comores, Île Mayotte.	⊙2741
Aus 58	Australia - North West Coast, Western Australia, Port of Dampier.	⊙Aus 58
NZ 56	New Zealand, North Island - East Coast, Table Cape to Blackhead Point.	⊙NZ 56
NZ 5322	New Zealand, North Island - East Coast, Auckland Harbour.	⊙NZ 5322

⊙ denotes chart available in the ARCS series.

II

ANNUAL NEW EDITIONS OF ARCS FOLIOS COVERING THE NETHERLANDS.

The following eight pre-selected ARCS Folios were incorporated into ARCS in April 2001, in collaboration with the Netherlands Hydrographic Office. They are based on the '1800 Series' Netherlands (paper) small craft folios. **There are no Admiralty paper versions.** The new Folios include coverage of all Netherlands coastal waters, inland waterways, harbours and approaches and are available as complete folios (not as individual charts).

Folio titles:

NL 1801 - Noordzeekust. De Panne tot Den Helder

NL 1803 - Westerschelde. Vlissingen tot Antwerpen

NL 1805 - Oosterschelde. Veerse Meer en Grevelingenmeer

NL 1807 - Zoommeer, Volkerak en Spui, Haringvliet, Hollandsch Diep

NL 1809 - Nieuwe Waterweg, Nieuwe en Oude Maas, Spui en Noord, Dordtsche Kil, Brielse Meer

NL 1810 - IJsselmeer, Randmeren en Noordzeekanaal

NL 1811 - Waddenzee (Westblad) en Aangrenzende Noordzeekust

NL 1812 - Waddenzee (Oostblad) en Aangrenzende Noordzeekust

Folios NL 1801 to NL 1810 were published in Week 12. Folios NL 1811 and NL 1812 are also now available, completing the series.

NL 1811 Waddenzee (Westblad) en Aangrenzende Noordzeekust

NL 18111	Overzichtskaart	1:250 000
NL 18112	Zeegat van Texel	1:50 000
NL 18113	Den Helder tot Kornwerderzand	1:75 000
NL 18114	Zeegat van Terschelling/Harlingen	1:75 000
NL 18115	Hoofdkaart Terschelling/Vlieland	1:250 000
NL 18116	Zeegat van Ameland tot Harlingen	1:75 000
NL 18117	Eierlandsche Gat	1:50 000
NL 18118	Zeegat van Texel-Eierlandsche Gat	1:100 000
NL 18119	Eierl. Gat-Zeegat van Terschelling	1:100 000
NL 18110	Zeegat Van Ameland	1:100 000

NL 1812 Waddenzee (Oostblad) en Aangrenzende Noordzeekust

NL 18121	Waddenzee en Angr. Noordzeekust	1:200 000
NL 18122	Waddenzee. Nes tot Paesens	1:50 000
NL 18123	Waddenzee en Louwersmeer	1:50 000
NL 18124	Waddenzee. Schiermonnikoog-Rottumer	1:50 000
NL 18125	Waddenzee. Borkum/Eemshaven	1:75 000
NL 18126	Eems. Eemshaven tot Knock	1:50 000
NL 18127	Eems en Dolland. Knock-Papenburg	1:50 000
NL 18128	Friesche Zeegat-Monden van de Eems	1:100 000
NL 18129	Monden van de Eems-Norderneyer	1:100 000

II

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

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

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

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

⊙ denotes chart available in the ARCS series.

II

1529 MISCELLANEOUS UPDATES TO CHARTS

Chart	Previous Update	Details
2004	973/02	Delete the following Plans: Puerto de Carmelo. Puerto de Conchillas. Muelle de Pta. Dorado. Puerto Sauce. Puerto de la Paloma.
2113	1003/02	Insert magenta limit and chart number, 2344, as follows: North: 54° 24'·35N. East: 10° 14'·30E. South: — West: 10° 06'·10E. Delete magenta limit and chart number, 696 (see Note—POSITIONS), in position 54° 25'·1N., 10° 08'·4E. Delete note, CHART 696: POSITIONS, centred on 54° 16'·4N., 9° 57'·2E.
2341	New Chart	Amend reference in S. border at longitude 10° 11'·5E to read, <i>Adjoining Chart 2344</i> .
INT 1364	27/12/01	Delete note, CHART 696: POSITIONS, centred on 54° 23'·55N., 10° 14'·50E.
2469	563/02	Plan Ⓐ: Insert accompanying note, CHARTS 2344 AND 3625: POSITIONS, centred on 54° 04'·4N., 9° 34'·1E. Insert magenta limit and chart number, 2344 (see Note—POSITIONS), as follows: North: — East: — South: 54° 18'·09N. West: 10° 06'·17E. Delete magenta limit and chart number, 696, in position 54° 22'·7N., 10° 06'·8E. Plan Ⓑ: Amend reference in S. border at longitude 9° 09'·0E. to read, <i>Adjoining Chart 3625</i> (see Note—POSITIONS). Plan Ⓒ: Holtenau. Amend reference in E. border at latitude 54° 22'·0N. to read, <i>Adjoining Chart 2344</i> (see Note—POSITIONS).
3625	53/02	Amend reference in N. border at longitude 9° 13'·0E. to read, <i>See Chart 2469</i> (see Note—POSITIONS). Plan Ⓒ: Brunsbüttel. Amend reference in N. border at longitude 9° 12'·0E. to read, <i>See Main Panel or Chart</i> 2469 (see Note—POSITIONS).
INT 1453		
Aus 143	1407/02	Insert magenta limit and chart number, <i>Aus 144</i> , as follows: North: 38° 15'·49S. East: 144° 45'·62E. South: — West: 144° 27'·92E. Delete magenta limit and reference, See Plan, in position 38° 20'·5S., 144° 42'·8E. Delete Plan: The Rip.
Aus 158	1407/02	Insert magenta limit and chart number, <i>Aus 144</i> , as follows: North: 38° 15'·49S. East: 144° 45'·62E.
South: —		West: — Delete magenta limit and chart number, <i>Aus 143</i> , in position 38° 20'·56S., 144° 43'·08E.
Aus 788	719/02	Insert magenta limit and chart number, <i>Aus 144</i> , as follows: North: — East: 144° 45'·70E. South: 38° 24'·22S. West: 144° 28'·00E.

UK Hydrographic Office.

1436* ENGLAND, East Coast — River Thames — Blackwall Reach to Kings Reach — Lights

Delete	★ (lighted)	(a) 51° 29'·48N., 0° 00'·11E. (b) 51° 29'·46N., 0° 00'·11E. (c) 51° 30'·11N., 0° 03'·27W. (d) 51° 30'·64N., 0° 06'·46W. (e) 51° 30'·64N., 0° 06'·53W. (f) 51° 30'·63N., 0° 06'·74W. (g) 51° 30'·56N., 0° 07'·08W. (h) 51° 30'·55N., 0° 07'·11W. (i) 51° 30'·47N., 0° 07'·22W. (j) 51° 30'·33N., 0° 07'·32W.
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Note: **Positions** on both of the charts affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **3337** (a–c) [151/02] — **3319** (d–j) [1535/01]
Port of London Authority Notice 16/02 (HH.246/420/09).

II

1437* ENGLAND, East Coast — River Ouse — Whitgift Roads — Yokefleet — Light-beacons

Insert	light-beacon, <i>Oc.4s</i>	53° 42'·41N., 0° 44'·86W.
	light-beacon, <i>Oc.2s</i>	53° 42'·33N., 0° 44'·99W.
	light-beacon, <i>Oc.G.4s</i>	53° 42'·43N., 0° 44'·68W.
Substitute	light-beacon for green and white light-beacon with topmark	53° 42'·39N., 0° 44'·77W.

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

Chart [*Last correction*].— **109** (INT 1555) (**plan B, Whitton Ness to Goole and Keadby**) [1206/02]

Light List Vol. A, 2002/03, 2571.6, 2571.61, 2571.65, 2571.651

ABP Humber Notice 8/02 (HH.242/580/11).

1438* IRELAND, East Coast — Larne Lough — Satellite derived positions

Substitute	the accompanying note, SATELLITE DERIVED POSITIONS, for existing note, centred on:	54° 48'·78N., 5° 49'·14W.
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Chart [*Last correction*].— **1237** [1209/02]

UK Hydrographic Office (HH.288/450/05).

1439* ENGLAND, West Coast — Saint Ives Bay — Hayle Bar — Lights; Light-beacon; Buoy; Beacon

Insert	★ <i>F.G</i>	50° 11'·84N., 5° 26'·22W.
	port-hand light-beacon with topmark, <i>Fl.R</i>	50° 11'·98N., 5° 26'·01W.
Amend	light to, <i>Q.G</i>	50° 11'·43N., 5° 26'·03W.
Move	port-hand can light-buoy, <i>Q.R</i> from:	(a) 50° 12'·29N., 5° 26'·25W.
	to:	(b) 50° 12'·19N., 5° 26'·17W.
Delete	port-hand beacon with topmark	50° 12'·04N., 5° 26'·07W.

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

Chart [*Last correction*].— **1168** (**plan C, Saint Ives Bay**) [*New Edition 28/6/01*] — **1149** (*a,b*) [1104/02]

Light List Vol. A, 2002/03, 5658.2, 5658.23, 5661

Hayle Harbour Master (HH.220/460/03).

1440* ENGLAND, South Coast — Penzance Bay — Saint Michael's Mount Northwestwards — Obstruction

Insert	○ <i>Obstrn</i>	50° 07'·160N., 5° 28'·792W.
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Note: **Positions** on the chart affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **2345** (**plan A, Penzance Bay**) [1104/02]

J. Roseveare (HH.232/410/03).

1441* ENGLAND, South Coast — Poole — Swash Channel — Training Bank Southwards — Light-beacon

Substitute	port-hand light-beacon with topmark, <i>2F.R</i> (<i>vert</i>), for isolated danger light-beacon, <i>Fl(2)5s</i>	50° 39'·82N., 01° 55'·85W.
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Note: **Positions** on the chart affected by this notice are referred to a **WGS84** compatible datum. See list of ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS84 COMPATIBLE DATUM (near the beginning of this publication) and NM 4731(P)/00.

Chart [*Last correction*].— **2611** (INT 1726) [5073/01]

Light List Vol. A, 2002/03, 0500

Poole Harbour Commissioners Notice 2/02 (HH.232/560/13).

1442 RUSSIA, North Coast — Barents Sea — Proliv Karskiye Vorota — Banka Persey Westwards — Depths

Insert	depth 6m enclosed by 10m contour	(a) 70° 27'·42N., 57° 25'·20E.
	depth 11m enclosed by 20m contour	70° 26'·30N., 57° 12'·40E.
	depth 4 ₂ m, (chart 3181, depth 2 ₂ fm enclosed by 3fm contour)	(b) 70° 25'·85N., 57° 18'·10E.
Delete	depth 114 m	close S. of (a) above
	depth 8m, (chart 3181, depth 4 ₅ fm)	(c) close SE. of (b) above

Chart [*Last correction*].— **2967** [3178/01] — **3181** (*b,c*) [4115/01]

Russian Chart 13314 (HH.301/410/04).

II

1443 RUSSIA, North Coast — Barents Sea — Poluostrov Russkiy Zavorot Northwestwards and Northeastwards and Pechorskaya Guba — Depths; Obstruction; Wreck

Insert	depth 19 ₆ m enclosed by 20m contour, (chart 3181, depth 10 ₄ fm)	(a) 69° 14'·5N., 55° 30'·6E.
	depth 16 ₈ m	(b) 69° 14'·2N., 55° 53'·4E.
	depth 22 ₅ m	(c) 69° 10'·2N., 53° 34'·0E.
	depth 18m	(d) 69° 06'·6N., 53° 23'·0E.
	○ <i>Obstn</i>	(e) 69° 01'·7N., 53° 40'·8E.
	depth 11 ₈ m	(f) 68° 59'·3N., 56° 33'·4E.
	depth 0 ₄ m enclosed by 2m contour	(g) 68° 40'·1N., 56° 34'·8E.
	depth 5m enclosed by 5m contour	(h) 68° 30'·3N., 54° 32'·7E.
Delete	depth 28m	(i) 69° 08'·5N., 53° 34'·5E.
	✶	(j) 68° 58'·4N., 54° 02'·8E.
	depth 19m	(k) close SW. of (d) above
	depth 12fm	(l) close NE. of (a) above
	depth 10 ₅ fm	(m) close NE. of (e) above

Chart [*Last correction*].— **2961** (a–k) [3565/01] — **3181** (a,e,l,m) [1442/02]
Russian Charts 12015, 13021, 13024, 15025 (HH.306/430/03).

1444 RUSSIA, North Coast — Barents Sea — Mys Svyatoy Nos Northwards — Chërnyy Ground — Unexploded ordnance

Insert	○ <i>Unexploded Ordnance</i>	68° 25'·38N., 39° 43'·12E.
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Chart [*Last correction*].— **2269** [1214/02]
Russian Notice 9/1025/02 (HH.303/410/03).

1445 RUSSIA, North Coast — Barents Sea — Mys Svyatoy Nos Northwestwards and Eastwards — Depths

Insert	depth 22fm	(a) 68° 14'·35N., 39° 30'·00E.
	depth 19fm enclosed by 20fm contour	(b) 68° 08'·56N., 40° 29'·00E.
Delete	depth 79fm	close S. of (a) above
	depth 30fm	(c) close NW. of (b) above

Chart [*Last correction*].— **3180** [1800/01] — **3181** (b,c) [1443/02]
Russian Chart 14000 (HH.303/410/03).

1446 RUSSIA, North Coast — Ostrov Kil'din — Kil'dinskiy Zap Southeastwards — Obstruction

Insert	○ <i>Obstn</i>	69° 19'·64N., 34° 03'·93E.
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Chart [*Last correction*].— **2333** [554/02]
Russian Notice 8/858/02 (HH.306/420/04).

1447 NORWAY, West Coast — Narvik — Narvikbukta — Lights; Leading line

Delete	★ F.R (occas)	68° 25'·99N., 17° 24'·71E.
	leading line and associated legend, Lts $\neq$ 316.5°	(a) 68° 26'·45N., 17° 24'·59E. extending in direction 136·5° from (a) above

Chart [*Last correction*].— **3890** (plan, Narvik Havn) [1785/00]
Light List Vol. L, 2002/03, 2771.6, 2771.61
Norwegian Notice 4/177/02 (HH.310/560/03).

1448 NORWAY, West Coast — Einvikråsa — Einvika — Light

Amend	light to, Fl(2)WRG.10s10m6–4M, (chart 2308, light to, Fl(2)WRG.10s6–4M)	64° 30'·6N., 10° 49'·5E.
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Chart [*Last correction*].— **3503** [776/02] — **2308** [425/02]
Light List Vol. L, 2002/03, 1747
Norwegian Notice 4/171/02 (HH.310/515/02).

1449 SWEDEN, West Coast — Marstrandsfjorden — Åstol to St Dyrön — Submarine power cable

Insert	submarine power cable joining:	57° 55'·47N., 11° 35'·42E. (shore)
		57° 55'·52N., 11° 35'·62E.
		57° 55'·68N., 11° 35'·70E.
		57° 55'·80N., 11° 36'·03E.
		57° 55'·77N., 11° 36'·07E. (shore)

Chart [*Last correction*].— **873** [1027/02]
Swedish Notice 9/116/02 (HH.317/490/04).

II

1450 BALTIC SEA — Sweden, East Coast — Stockholms Skärgård — Södertälje — Sydhamnen — Pier

Insert pier, single firm line, joining: 59° 09'·855N., 17° 39'·870E. (pier)
59° 09'·817N., 17° 39'·899E.

Chart [*Last correction*].— **3168 (plan B, Södertälje Sydhamnen to Mälarhamnen) & (plan A, Södertälje and Approaches)** [1029/02]

Swedish Notice 9/120/02 (HH.318/465/04).

1451 BALTIC SEA — Gulf of Bothnia — Sweden, East Coast — Skelleftehamn Southeastwards — Kallholmsfjärden and Skelleftebukten — Buoyage; Maximum authorised draught

Insert	port-hand spar buoy	(a)	64° 40'·48N., 21° 16'·94E.
	W. cardinal spar buoy	(b)	64° 40'·40N., 21° 16'·86E.
	starboard-hand spar buoy	(c)	64° 40'·39N., 21° 17'·36E.
Amend	maximum authorised draught to, 9·3m	(d)	64° 40'·38N., 21° 17'·23E.
Move	port-hand spar buoy from:	(e)	64° 38'·23N., 21° 21'·32E.
	to:	(f)	64° 38'·39N., 21° 21'·28E.
	S. cardinal spar buoy from:	(g)	64° 39'·32N., 21° 21'·38E.
	to:	(h)	64° 39'·22N., 21° 22'·26E.
	S. cardinal spar buoy from:	(i)	64° 40'·31N., 21° 27'·52E.
	to:	(j)	64° 39'·76N., 21° 27'·45E.
	S. cardinal spar buoy from:	(k)	64° 40'·25N., 21° 27'·80E.
	to:	(l)	64° 39'·68N., 21° 27'·43E.
Delete	S. cardinal spar buoy	(m)	64° 39'·32N., 21° 21'·40E.

Chart [*Last correction*].— **57 (plan, Skelleftehamn) (a-f,m) & (plan, Approaches to Skelleftehamn) (e-j)** [5078/01] — **2301 (k,l)** [236/02]

Swedish Notice 8/96/02 (HH.318/610/02).

1452 GERMANY, North Sea Coast — The Elbe — Approaches to Cuxhaven — Anchorage areas; Buoyage

Insert	limit of anchorage area, pecked line, joining:	(a)	53° 51'·58N., 8° 45'·08E. (34/Medem-Reede 1 buoy)
		(b)	53° 51'·85N., 8° 45'·30E.
		(c)	53° 52'·05N., 8° 45'·00E. (E. border)
		(d)	53° 52'·55N., 8° 44'·30E.
		(e)	53° 52'·57N., 8° 44'·42E. (E. border)
		(f)	53° 52'·85N., 8° 46'·15E.
		(g)	53° 53'·15N., 8° 45'·70E.
		(h)	53° 52'·86N., 8° 44'·07E. (E. border)
		(i)	53° 52'·78N., 8° 43'·50E. (Medem-Reede 4 buoy)
Move	Medem-Reede 3 light-buoy, from:	(j)	53° 51'·81N., 8° 45'·35E.
	to:	(k)	(b) above
	Medem-Reede 5 light-buoy, from:	(l)	53° 52'·48N., 8° 44'·04E.
	to:	(m)	(d) above
	Medem-Reede 7 light-buoy, from:	(n)	53° 52'·47N., 8° 45'·50E.
	to:	(o)	(f) above
	Medem-Reede 6 light-buoy, from:	(p)	53° 52'·85N., 8° 45'·30E.
	to:	(q)	(g) above
Delete	former limit of anchorage area, pecked line, joining:	(r)	(a) above
		(s)	(j) above
		(t)	53° 51'·96N., 8° 45'·00E. (E. border)
		(u)	(l) above
		(v)	53° 52'·46N., 8° 44'·54E. (E. border)
		(w)	(n) above
		(x)	(p) above
		(y)	53° 52'·78N., 8° 44'·16E. (E. border)
		(z)	(i) above

Chart [*Last correction*].— **3619 (INT 1452) (plan A, Cuxhaven) (c-e,h,i,l,m,t-v,y,z) & 3619 (INT 1452) (a,b,d,f,g,i-s,u,w,x,z)** [896/02]

German Notice 9/(21)44/02 (HH.328/540/06).

1453 NETHERLANDS — Oude Maas — Zwijndrecht — Uilenhaven — Light; Beacon

Move	★ F.G, from:	(a)	51° 48'·24N., 4° 38'·10E.
	to:		51° 48'·30N., 4° 38'·10E.
Delete	port-hand beacon		close NE. of (a) above

Chart [*Last correction*].— **133 (INT 1476) (part B, Dordrecht to Moerdijk)** [253/02]

Light List Vol. B, 2001/02, 0734.2

Netherlands Notice 10/138/02 (HH.340/570/02).

II

1454 FRANCE, North Coast — Pointe de la Percée Northeastwards and Port-en-Bessin Northwards — Obstructions

Insert  *Obstn PD*, (chart 2613,  *Obstn PA*) (a) 49° 25'·00N., 0° 54'·00W.
 *Obstn* (b) 49° 21'·83N., 0° 45'·38W.

Chart [*Last correction*].— **2135** (a) [673/02] — **2136** [672/02] — **2613** (INT 1705) [673/02]
 French Notice 6/12/02 (HH.351/510/06).

1455 FRANCE, North Coast — Baie de Saint-Brieuc — Saint Quay Portrieux Northwards — Basse des Oiseaux Eastwards — Wreck

Insert  48° 41'·79N., 2° 48'·18W.

Chart [*Last correction*].— **3674** [899/02] — **2668** [899/02] — **2669** [899/02]
 French Notice 7/15/02 (HH.351/570/03).

1456 FRANCE, West Coast — Rade de Brest and Goulet de Brest — Depths

Insert	depth 11 ₅ m	(a)	48° 21'·510N., 4° 29'·900W.
	depth 16 ₄ m	(b)	48° 21'·340N., 4° 28'·990W.
	depth 17 ₃ m, (chart 2694, depth 17 ₃ m and extend 20m contour N. to enclose)	(c)	48° 20'·440N., 4° 33'·750W.
	depth 7 ₄ m	(d)	48° 20'·320N., 4° 27'·460W.
	depth 19 ₈ m enclosed by 20m contour	(e)	48° 19'·900N., 4° 29'·170W.
	depth 2 ₁ m	(f)	48° 19'·170N., 4° 31'·740W.
	depth 15 ₈ m	(g)	48° 19'·070N., 4° 25'·900W.
	depth 17 ₄ m	(h)	48° 18'·530N., 4° 20'·350W.
Substitute	depth 13 ₁ m for depth 14 ₃ m	(i)	48° 21'·560N., 4° 29'·160W.
	depth 16 ₇ m for depth 17 ₅ m	(j)	48° 20'·260N., 4° 28'·350W.
Delete	depth 12 ₆ m	(k)	close NE. of (a) above
	depth 17 ₈ m	(l)	close SW. of (b) above
	depth 19 ₅ m	(m)	close SW. of (c) above
	depth 18 ₈ m	(n)	close SW. of (c) above
	depth 8 ₄ m	(o)	close NW. of (d) above
	depth 22 ₅ m	(p)	close E. of (e) above
	depth 3 ₁ m	(q)	close NE. of (f) above
	depth 17 ₉ m	(r)	close NW. of (g) above
	depth 18 ₅ m	(s)	close NW. of (h) above

Chart [*Last correction*].— **3428** (INT 1833) (a,i,k) [1125/02] — **3427** (INT 1832) (a-f,i-m,o-q) [1125/02] — **3429** (a,b,d-l,o-s) [675/02] — **2350** (c,m) [1125/02] — **2694** (c,n) [1125/02]
 French Notice 6/20/02 (HH.353/410/04).

1457 FRANCE, West Coast — Approaches to Lorient — Passe de l'Ouest Southwards — Obstructions; Foul

Insert  *Obstn* (a) 47° 40'·00N., 3° 25'·22W.
 # (b) 47° 40'·06N., 3° 25'·42W.
 Delete  *Obstn PA* (c) close E. of (a) above

Chart [*Last correction*].— **2821** (a,b) [437/02] — **2822** (INT 1835) (a,b) [405/02] — **2646** (a,c) [1222/02]
 French Notice 6/21/02 (HH.353/470/03).

1458 FRANCE, West Coast — Approaches to La Loire — Pointe du Croisic Southsouthwestwards — Grande Rade de la Loire — Wreck

Insert  47° 06'·70N., 2° 37'·29W.

Chart [*Last correction*].— **2986** (INT 1840) [*New Edition* 14/3/02] — **2646** [1457/02] — **20** [901/02]
 French Notice 6/19/02 (HH.353/510/05).

1432 MEDITERRANEAN SEA — Aegean Sea — Greece — Saronikós Kólpos — Kólpos Megáron — Nísos Revithoussa — Restricted areas; Mooring buoy

Insert the accompanying block, showing amendments to restricted areas and mooring buoy, centred on: (a) 37° 57'·8N., 23° 24'·2E.
 the accompanying note, RESTRICTED AREAS, centred on: (b) 37° 59'·5N., 23° 21'·8E.
 (c) 38° 00'·4N., 23° 21'·5E.

Chart [*Last correction*].— **1598** (plan, Póros Megáron) (a,b) [811/01] — **1513** (a,c) [104702]
 Light List Vol. E, 2001/02, 4164.4
 Greek Notice 11/304/01 (HH.382/500/02).

II

1459* MEDITERRANEAN SEA — Gibraltar Harbour — Gunwharf Basin and South Mole — Depths; Foul area

Insert	depth 5 ₃ m	(a)	36° 08'·053N., 5° 21'·244W.
	depth 6m	(b)	36° 08'·047N., 5° 21'·271W.
	depth 8 ₈ m and extend 10m contour NE. to enclose black maritime limit, pecked line, joining:	(c)	36° 07'·884N., 5° 21'·543W.
			36° 08'·049N., 5° 21'·300W.
			(shore)
			36° 07'·988N., 5° 21'·275W.
			(shore)
	legend, <i>FOUL</i> , centred on:		36° 08'·075N., 5° 21'·250W.
Substitute	depth 4 ₃ m enclosed by 5m contour for 4 ₃ m		36° 08'·015N., 5° 21'·250W.
Delete	depth 6 ₁ m		36° 08'·070N., 5° 21'·226W.
	depth 7 ₁ m		close NW. of (a) above
	depth 9 ₆ m		close W. of (b) above
			close SE. of (c) above

Chart [*Last correction*].— **45** [2709/01]
 HM Surveying Ship *Scott* (HH.365/400/04).

1460 MEDITERRANEAN SEA — Spain, South-East Coast — Pta. del Cerro Westwards — Wreck; Recommended anchorage

Insert	++	(a)	37° 25'·50N., 1° 30'·50W.
Delete	⚓		close SE. of (a) above

Chart [*Last correction*].— **774** [180/02]
 Spanish Notice 7/107/02 (HH.361/460/03).

1461 MEDITERRANEAN SEA — Spain, East Coast — Peñíscola Southeastwards — Fish havens

Insert	⊙	40° 19'·07N., 0° 26'·12E.
		40° 19'·25N., 0° 24'·80E.
		40° 20'·13N., 0° 25'·97E.

Chart [*Last correction*].— **1701** [1129/02]
 Spanish Notice 8/132/02 (HH.361/590/03).

1462 MEDITERRANEAN SEA — Spain, East Coast — Punta de la Baña — Light

Amend	range of light to, 12/8M	40° 33'·6N., 0° 39'·8E.
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Chart [*Last correction*].— **1704** [573/02]
 Light List Vol. E, 2001/02, 0370
 UK Hydrographic Office (HH.361/600/03).

1463 MEDITERRANEAN SEA — Spain, East Coast — Islas Medas Southeastwards — Wreck

Insert	⊙ Wk, least depth 60m	(a)	42° 01'·87N., 3° 15'·28E.
Substitute	⊙ Wk, least depth 60m for ++	(b)	(a) above

Chart [*Last correction*].— **1704** (b) [1462/02] — **1705** (a) [805/02]
 Spanish Notice 7/111/02 (HH.361/680/03).

1464 MEDITERRANEAN SEA — Italy, West Coast — Livorno — Porto Mediceo — Jetty; Restricted area

Insert	jetty, single firm line, joining:	43° 32'·980N., 10° 17'·878E.
		(shore)
		(a) 43° 32'·992N., 10° 17'·907E.
		and
		43° 33'·007N., 10° 17'·894E.
		(a) above
		43° 32'·940N., 10° 17'·954E.
		43° 32'·98N., 10° 17'·94E.

Delete limit of restricted area, anchoring prohibited, centred on:

Chart [*Last correction*].— **119 (plan, Livorno)** [*New Edition* 27/9/01]
 Italian Chart 62 (HH.369/530/03).

1465 MEDITERRANEAN SEA — Italy — Sicilia, North Coast — Golfo di Patti — Depths

Insert	depth 18 ₅ m enclosed by 50m contour	(a)	38° 10'·65N., 15° 02'·44E.
	depth 18 ₅ m enclosed by 30m contour	(b)	38° 10'·61N., 15° 02'·54E.
	depth 18 ₅ m enclosed by 50m contour	(c)	38° 10'·75N., 15° 02'·48E.
Delete	depth 23m and associated 50m contour,		
	(chart 1941, depth 23m and associated 30m contour)	(d)	38° 10'·30N., 15° 02'·70E.
	depth 45m	(e)	38° 09'·75N., 15° 03'·60E.

Chart [*Last correction*].— **172** (a,d,e) [2713/01] — **1941** (b,d) [906/02] — **1976** (c,d) [1130/02] — **1440** (a,d) [4889/01]
 Italian Chart 22 (HH.371/560/02).

II

1466 MEDITERRANEAN SEA — Italy — Sicilia, East Coast — Approaches to Riposto — Depth

Insert depth 96m enclosed by 100m contour 37° 43'·81N., 15° 15'·21E.

Chart [*Last correction*].— **1018** [683/02]

Italian Chart 22 (HH.371/630/03).

1467 MEDITERRANEAN SEA — Adriatic Sea — Croatia Southwestwards — Restricted areas; Explosives dumping grounds

Insert arc of circular limit of restricted area, radius 5M,
pecked line, centred on:

(a) 44° 30'·01N., 13° 30'·26E.
(b) 43° 58'·30N., 14° 15'·27E.
(position outside of S. border)

circular limit of restricted area, radius 5M,
pecked line, centred on:

(c) 43° 58'·3N., 14° 15'·0E.
(d) 44° 30'·0N., 13° 30'·0E.
(e) 44° 05'·0N., 13° 40'·0E.
(f) 44° 09'·0N., 13° 48'·0E.
(chart 204, S. border)

limit of restricted area, pecked line, joining:

(g) 44° 24'·0N., 13° 28'·0E.
(h) 44° 20'·0N., 13° 20'·0E.
(i) 44° 09'·0N., 13° 34'·7E.
(S. border)

legend, *Explosives Dumping Ground Rep* (1999) (j) within (a)/(b)/(c)/(d)/
(e–i) above

Chart [*Last correction*].— **201** (a,j) [4889/01]— **515** (b,j) [1046/02]— **204** (d,f–j) [451/02]— **220** (c–h,j) [1131/02]
U.S. Notice 28/54115/99 (HH.180/470/04).

1468* MEDITERRANEAN SEA — Libya — Gulf of Sirte — As Sidrah — Offshore Oil Terminal Northwards — Anchorage area; Pilot boarding place

Insert limit of anchorage area, pecked line, joining:

(a) 30° 41'·50N., 18° 22'·01E.
(existing limit)
(b) 30° 41'·50N., 18° 25'·00E.
(existing limit)

Delete former limit of anchorage area, pecked line, joining:

(a) above
(b) above
① 30° 41'·96N., 18° 23'·39E.

Chart [*Last correction*].— **3344** [2470/00]

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Waha Oil Company (HH.406/440/02).

1469 AFRICA, West Coast — Morocco — Mohammedia — Basse de Fédala Northeastwards — Buoy

Delete special can light–buoy with topmark, Fl(5)Y

(a) 33° 45'·04N., 7° 22'·95W.
(b) 33° 45'·20N., 7° 23'·05W.

Chart [*Last correction*].— **861** (plan A, Mohammedia) (a) [1094/02]— **860** (b) [462/02]

French Charts 6111 and 6142 (HH.417/430/02).

1470 AFRICA, West Coast — Gabon — Bahía de Corisco & Estuaire du Gabon — Tidal Streams

Substitute the accompanying note, TIDAL STREAMS, for note,
ESTUAIRE DU GABON, centred on: 0° 55'·0S., 9° 45'·0E.

Chart [*Last correction*].— **1887** [3212/01]

UK Hydrographic Office (HH.444/400/01).

1471* AFRICA, East Coast — Tanzania — Approaches to Tanga — Ulenge Reefs Southwards — Light–beacon; Buoy

Move light–beacon, Fl.G.6s7m, from:

(a) 5° 02'·38S., 39° 09'·820E.
to: (b) 5° 02'·436S., 39° 09'·818E.
white light–beacon, Fl.G.6s7m, from:

(c) 5° 02'·38S., 39° 09'·82E.
to: (d) 5° 02'·44S., 39° 09'·82E.
Delete starboard–hand conical light–buoy, Fl.G.4·5s (e) 5° 02'·480S., 39° 09'·813E.

Chart [*Last correction*].— **663** (INT 7698) (plan, Tanga) (a,b,e) & **663** (INT 7698) (c–e) [4378/00]

Light List Vol. D, 2001/02, 6758

Navire de la Marine Nationale Siroco (HH.463/400/02).

II

1472* ARABIA — Gulf of Oman — United Arab Emirates — Fujayrah — Fujayrah International Marina Club — Dredged depth

Amend dredged depth to, 2·7m, centred on: 25° 07'·63N., 56° 21'·45E.

Chart [*Last correction*].— **3526** (plan C, Offshore Anchorages and the Approaches to Khawr Fakkān and Fujayrah) [*New Chart 29/3/01*]

Port of Fujayrah (HH.488/400/05).

1473 INDIA, West Coast — Port of Bombay — Karanja Reefs Southwestwards — Wreck

Insert  PA 18° 53'·30N., 72° 52'·37E.

Chart [*Last correction*].— **2624** [1143/02] — **2621** [1143/02]

Indian Notice 4/93/02 (HH.502/440/04).

1474 INDIA, East Coast — Ravva Oilfield Development Area Westwards — Platforms

Insert  16° 22'·43N., 81° 58'·67E.
16° 22'·69N., 82° 01'·35E.

Chart [*Last correction*].— **2062** [815/02]

Indian Notice 4/96/02 (HH.503/440/03).

1475 SUMATERA, North-East Coast — Approaches to Blanglancang — Platform; Radar beacon; Submarine pipelines; Legends

Insert	 (lighted) radar beacon, <i>Racon</i> (B), at  submarine pipeline joining:	(a) 5° 44'·48N., 97° 50'·23E. (b) (a) above (c) (a) above (d) 5° 44'·28N., 97° 50'·13E. (existing pipeline) and (e) 5° 16'·05N., 97° 06'·43E. (existing pipeline) (f) 5° 16'·70N., 97° 07'·54E. (g) 5° 16'·90N., 97° 09'·90E. (h) 5° 17'·66N., 97° 11'·00E. (E. border)
Amend	legend, <i>Gas</i> (<i>see Note</i>) legend to, <i>Gas</i> (<i>see Note</i>) PA	(i) along (f)–(g) above (j) 5° 16'·75N., 97° 08'·00E. (k) 5° 29'·75N., 97° 28'·50E.
Delete	former submarine pipeline and associated legend, <i>Gas</i> (<i>see Note</i>), joining:	(l) (e) above (m) 5° 17'·72N., 97° 11'·00E. (E. border)
	 (lighted) radar beacon, <i>Racon</i> (B), at 	(n) (d) above (o) (d) above

Chart [*Last correction*].— **3574** (plan, Approaches to Kruenggeukueh and Blanglancang) (*e–i,l,m*) [4552/99] — **3919** (*a–d,j,k,n,o*) [1482/01]

Light List Vol. F, 2001/02, 9400

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Indonesian Notice 50/390/01 (HH.524/180/14).

II

1476* SOUTH CHINA SEA — Gulf of Thailand — North Pailin Gasfield to Yala Gasfield — Platforms; Submarine pipelines

Insert	□ (lighted), WC □ (lighted), WA □ (lighted), WB □ (lighted), WD □ (lighted), WB	(a) 8° 50'56N., 101° 16'64E. (b) 8° 51'75N., 101° 10'77E. (c) 8° 54'20N., 101° 15'28E. (d) 8° 55'93N., 101° 16'02E. (e) 9° 44'60N., 101° 16'44E. (f) 9° 59'15N., 101° 26'13E. (g) (a) above (h) 8° 51'34N., 101° 16'32E. (i) 8° 56'24N., 101° 18'42E.
	submarine pipeline joining:	(existing pipeline) and (j) (b) above (k) (h) above and (l) (d) above (m) (c) above (n) (h) above and (o) (e) above (p) 9° 45'23N., 101° 18'14E. (□) and (q) (f) above (r) 9° 57'33N., 101° 27'05E. (□)
	legend, Gas (see Note)	along (h)–(i) above

Chart [Last correction].— **3963** [New Edition 28/2/02] — **3983** (a–r) [649/02]

Light List Vol. F, 2001/02, 9540.2–9540.45 (column 8, remarks)

Unocal Thailand Limited (HH.544/180/04).

1477 CHINA, South–East Coast — Southern Approaches to Dongshan Wan and Sujian Qiantan — Depths

Insert	depth 9₂ m enclosed by 10m contour depth 11₈ m depth 12m depth 17₆ m	(a) 23° 43'29N., 117° 32'50E. (b) 23° 40'08N., 117° 33'55E. (c) 23° 39'64N., 117° 32'77E. (d) 23° 33'51N., 117° 28'91E.
Substitute	depth 1₇ m for depth 2₇ m depth 2₂ m for depth 3₈ m depth 17₆ m for depth 19₂ m	(e) 23° 43'77N., 117° 32'57E. (f) 23° 41'60N., 117° 32'47E. (g) 23° 33'70N., 117° 29'30E.
Delete	depth 13₂ m depth 19₂ m	(h) close E. of (a) above (i) close NE. of (d) above

Chart [Last correction].— **1767** (plan, Dongshanwan Anchorage) (a,e) & **1767** (a–d,f,h,i) [3129/01] — **1760** (b,f,g) [4899/01]

Chinese Charts 14381 & 14371 (HH.548/448/06).

1478 CHINA, South–East Coast — Approaches to Xiamen Gang — Depths; Lights; Buoyage; Works; Anchorage area

Insert	depth 8₁ m and extend 10m contour NW. to enclose depth 14₈ m and extend 20m contour SE. to enclose depth 9₄ m and extend 10m contour NE. to enclose depth 12₉ m and extend 20m contour E. to enclose depth 2₈ m enclosed by 5m contour depth 9₃ m enclosed by 10m contour depth 8m enclosed by 10m contour ★ Fl.4s57m7M ★ Fl(2)R.6s13m3M E. cardinal light–buoy, VQ(3)5s Zhang 14 preferred channel to starboard pillar light–buoy with topmark, Fl(2+1)R.12s Zhang 10 preferred channel to port pillar light–buoy with topmark, Fl(2+1)G.9s Zhang 5 legend, Works in progress, orientated SW./NE., joining: circular limit of anchorage area, radius 700m, pecked line, centred on: legend, ⚓ No 1	(a) 24° 23'41N., 118° 07'61E. 24° 21'19N., 118° 08'88E. 24° 20'56N., 118° 08'63E. (b) 24° 19'81N., 118° 09'42E. (c) 24° 19'22N., 118° 08'20E. 24° 18'54N., 118° 08'99E. 24° 18'28N., 118° 08'24E. 24° 19'33N., 118° 08'69E. 24° 18'26N., 118° 08'61E. 24° 18'88N., 118° 07'57E. 24° 18'41N., 118° 08'78E. (d) 24° 16'42N., 118° 10'75E. 24° 18'00N., 118° 07'86E. 24° 18'73N., 118° 08'13E. (e) 24° 18'81N., 118° 10'16E.
Delete	depth 18₂ m depth 16₆ m depth 11₁ m	within (e) above close NW. of (a) above close W. of (b) above close SE. of (c) above

Chart [Last correction].— **3449** [5119/01] — **1767** (d) [1477/02]

Light List Vol. F, 2001/02, 3607.5, 3608

Chinese Chart 14281 (HH.548/456/03).

II

1479 CHINA SEA — T'ai-Wan, West Coast — Liu-ch'iu Yü Eastwards, Ting-ch'ieh-ting Westwards and T'ai-nan Southwestwards — Wrecks

Insert  (a) 22° 54'·00N., 120° 07'·00E.
(b) 22° 53'·87N., 120° 07'·50E.
(c) 22° 21'·49N., 120° 26'·08E.
(d) 22° 21'·36N., 120° 26'·58E.

Chart [*Last correction*].— **3230** (c) [372/02] — **2409** (a) [825/02] — **3232** (a,c) [5120/01] — **1968** (b,d) [1147/02] — **3489** (INT 553) (a,c) [694/02]
Taiwanese Notices 3/02 & 6/02 (HH.549/400/05).

1480 CHINA SEA — T'ai-wan, North Coast — Hung-mao Kang — Hsin Chu Westwards — Buoyage

Insert special can light-buoy with topmark, *Fl.Y.4s* (a) 24° 46'·57N., 120° 51'·44E.
(b) 24° 46'·44N., 120° 51'·94E.
Delete special can light-buoy with topmark, *Fl.Y.4s* (c) 24° 54'·80N., 120° 56'·65E.

Chart [*Last correction*].— **3658** (a,c) [4487/01] — **3231** (b) [2455/01] — **1761** (b) [373/02]
Taiwanese Notice 60/01 (HH.549/400/05).

1481 CHINA, East Coast — Approaches to Sanmen Wan — Lights

Insert ★ *Fl.5s49m16M* 29° 03'·12N., 122° 00'·66E.
★ *Fl(2)6s28m10M* 29° 00'·38N., 121° 53'·78E.

Chart [*Last correction*].— **1759** [1149/02]
Light List Vol. F, 2001/02, 3682.3, 3682.5
Chinese Chart 13500 (HH.548/460/03).

1482 CHINA, East Coast — Zhoushan Qundao Southeastwards — Yushan Liedao Eastwards — Wrecks

Insert  29° 13'·00N., 123° 22'·45E.
28° 42'·55N., 123° 35'·90E.

Chart [*Last correction*].— **2412** [1149/02]
Chinese Chart 13500 (HH.555/400/03).

1483 JAPAN — Kyūshū, West Coast — Amakusa-Shimo Shima, South Coast — Ō Shima — Light-beacon

Insert isolated danger light-beacon, *Fl(2)5s6m5M* 32° 10'·15N., 129° 57'·72E.

Chart [*Last correction*].— **2415** [1255/02]
Light List Vol. F, 2001/02, 5118.5
Japanese Notice 6/179/02 (HH.564/401/07).

1484 JAPAN — Honshū, South Coast — Kii Suidō — Wakayama — Works

Insert legend, *Works in progress (2002)*, centred on: 34° 14'·30N., 135° 05'·70E.

Chart [*Last correction*].— **3615** (plan, Wakayama) [1256/02]
Japanese Notice 6/192(T)/02 (HH.568/496/02).

1485 JAPAN — Honshū, South Coast — Mikawa Wan — Kinuura Kō — Chita — No 1 Area — West Breakwater — Dolphin

Insert  *Dn* 34° 49'·33N., 136° 55'·8E.

Chart [*Last correction*].— **3649** (plan, Kinuura) [1260/02]
Japanese Notice 7/197/02 (HH.563/416/02).

1486 JAPAN — Seto Naikai — Himeji — Hirohata Ku — Genryo Raw Material Quay Southwestwards — Piles; Lights

Insert • (Y Lt) (a) 34° 46'·013N., 134° 37'·265E.
34° 45'·973N., 134° 37'·135E.
34° 45'·953N., 134° 37'·085E.
(b) 34° 45'·953N., 134° 36'·915E.
34° 46'·018N., 134° 36'·813E.
Delete  (Y Lt) close ENE. of (a) above
close SSW. of (b) above

Chart [*Last correction*].— **698** (plan, Himeji) [4161/01]
Light List Vol. F, 2001/02, 5762 (remarks)
Japanese Notice 8/242/02 (HH.568/487/02).

II

1487 JAPAN — Honshū, West Coast — Honjō Northwards — Fish Haven

Insert



39° 34'·30N., 140° 00'·80E.

Chart [*Last correction*].— **1329** [*New Edition 14/3/02*]

Japanese Notice 5/139/02 (HH.563/505/07).

1488 JAPAN — Honshū, North-West Coast — Kanazawa Kō — Lights

Amend

light to, *Fl.G.3s11m3M*

range of light to, *3M*

36° 37'·68N., 136° 36'·21E.

36° 37'·23N., 136° 36'·12E.

Chart [*Last correction*].— **1304 (plan, Kanazawa Kō)** [*New Edition 7/3/02*]

Light List Vol. F, 2001/02, 7232.4, 7233.2

Japanese Notice 7/203/02 (HH.563/500/02).

1489 JAPAN — Honshū, North-West Coast — Mikuni Kō — Wave recorder; Submarine cable

Delete

○ Wave Recorder

submarine cable, joining:

(a) 36° 12'·78N., 136° 06'·47E.

(a) above

36° 12'·78N., 136° 07'·15E.

36° 11'·99N., 136° 07'·08E.

(shore)

Chart [*Last correction*].— **1325** [*New Edition 7/3/02*]

Japanese Notice 8/235/02 (HH.563/490/03).

1490 JAPAN — Hokkaidō, South Coast — Hakodate Kō — No 2 Area — Mooring buoy

Delete



No 1 Lt

41° 46'·60N., 140° 42'·95E.

Chart [*Last correction*].— **1871 (plan, Hakodate Kō)** [*New Edition 14/3/02*]

Japanese Notice 1/01/02 (HH.562/412/02).

1433 KOREA, South Coast — Pusan — North Outer Harbour — Buoyage; Depths; Dredged area; Works

Insert

the accompanying block, showing amendments to buoyage

and depths, and a new dredged area, centred on:

legend, *Works in progress (2002)*, centred on:

35° 05'·65N., 129° 04'·85E.

35° 05'·50N., 129° 06'·65E.

Chart [*Last correction*].— **1259 (plan, Pusan)** [*1161/02*]

Korean Notices 5/68–70/02 & 5/84/02 (HH.557/460/10).

1491 KOREA, West Coast — Kadea Am Northeastwards and Southwestwards — Submarine cables

Insert

submarine cable, joining:

(a) 36° 50'·30N., 126° 11'·50E. (shore)

(b) 36° 51'·56N., 126° 09'·38E.

(c) 36° 49'·91N., 126° 06'·61E.

(d) 36° 48'·57N., 125° 59'·20E.

(e) 36° 47'·67N., 125° 57'·52E.

(f) 36° 47'·00N., 125° 57'·06E.

(N. border)

(g) 36° 43'·62N., 125° 54'·73E.

(h) 36° 37'·91N., 125° 53'·02E.

(i) 36° 36'·00N., 125° 50'·11E.

(S. border)

(j) 36° 06'·08N., 125° 05'·00E.

(W. border)

(k) 35° 51'·00N., 124° 42'·65E.

(S. border)

(l) 35° 31'·13N., 124° 13'·56E.

and

(m) (c) above

(n) 36° 47'·81N., 126° 02'·35E.

(o) 36° 47'·00N., 126° 02'·10E.

(N. border)

(p) 36° 41'·95N., 125° 59'·02E.

(q) 36° 35'·40N., 125° 55'·96E.

(r) 35° 53'·62N., 125° 06'·76E.

(s) 36° 36'·00N., 125° 56'·32E.

(S. border)

(t) 35° 51'·00N., 125° 03'·71E.

(S. border)

Note: Charts 913 and 1258 are to be deleted from the list of charts affected by Former Notice 325(P)/02

Chart [*Last correction*].— **913** (INT 5254) (*f–h,j,o–r*) [*1264/02*] — **1258** (*a–e,g–i,m,n,p,s*) [*1158/02*] — **1256** (*a–c,e,h,k,m,n,q,t*) [*930/02*] — **3480** (*a–c,e,h,l–n,q,r*) [*1055/02*]

Korean Notice 6/85/02 (HH.557/300/01).

II

1492 KOREA, West Coast — Kogunsan Kundo — Shibidongp'ado Northwards — Wreck

Move  from: 36° 01'·67N., 126° 14'·50E.
to: 35° 59'·90N., 126° 14'·60E.

Chart [*Last correction*].— **913** (INT 5254) [1491/02]

Korean Notice 9/135/02 (HH.557/410/04).

1434* INDONESIA — Jawa, North Coast — Merak — Harbour developments; Buoy; Pilot boarding place; Depths; Light-beacon; Mooring buoys

Insert the accompanying block A, showing new harbour developments, buoy and pilot boarding place, and amendments to depths and light-beacon, centred on: (a) 5° 54'·82S., 105° 59'·80E.
the accompanying block B, showing new harbour developments and pilot boarding place, and amendments to depths, light-beacon and mooring buoys, centred on: (b) 5° 54'·85S., 105° 59'·70E.

Chart [*Last correction*].— **918** (plan, Merak) (a) & (plan, Approaches to Merak and Cigading) (b) [203/02]

Light List Vol. K, 2002/03, 1053.24

Admiralty List of Radio Signals Vol. 6 (4), 2001/02: (13/02)

mv *Barbarossa* (HH.526/750/03).

1435 BORNEO — Sarawak, North Coast — Sematan — Depths; Drying heights; Wrecks; Lights; Light-beacon; Leading line

Insert the accompanying block, showing amendments to depths, drying heights, wrecks, lights and light-beacon, and new lights and leading line, centred on: 1° 51'·57N., 109° 46'·18E.

Chart [*Last correction*].— **3834** [837/02]

Light List Vol. F, 2001/02, 1895, 1895.1, 1895.2, 1895.21, 1895.4

Sarawak Chart 1045 (HH.519/400/02).

1493 INDONESIA — Jawa, South Coast — Sadeng Bay — Light

Amend light to, *Ldg 2 Iso.12M* 8° 11'·50S., 110° 47'·0E.

Chart [*Last correction*].— **941A** [292/02]

Light List Vol. K, 2002/03, 1263

Indonesian Hydrographic Office (HH.526/400/03).

1494 INDONESIA — Banda Sea — Pulau-Pulau Kai — Kai Tanimbar — Light

Insert  *Fl(3)10s197ft20M PA* (a) 6° 00'·7S., 132° 25'·8E.
 *Fl(3)20M* (b) 6° 01'·0S., 132° 25'·5E.

Chart [*Last correction*].— **3243** (a) [2401/01] — **942B** (b) [5139/01]

Light List Vol. K, 2002/03, 1628.8

Indonesian Notice 51/400/01 (HH.538/500/03).

1495 SOUTH PACIFIC OCEAN — Polynésie Française — Tahiti, North Coast — Port de Papeete — Chenal de Faa — Buoy

Move special pillar light-buoy with topmark, *Fl(4)Y.10s*, from: 17° 32'·667S., 149° 35'·659W.
to: 17° 32'·686S., 149° 35'·607W.

Chart [*Last correction*].— **1436** (plan, Port de Papeete) [205/02]

French Notice 8/34/02 (HH.595/430/02).

1496 NORTH AMERICA, West Coast — Alaska — Prince William Sound — Knight Island Northwards and Eastwards and Applegate Rock Northeastwards — Depths

Insert depth 1fm enclosed by 3fm contour (a) 60° 22'·22N., 147° 22'·43W.
depth 5fm and extend 10fm contour SE. to enclose (b) 60° 26'·88N., 147° 33'·66W.
depth 2fm (c) 60° 32'·97N., 147° 39'·80W.
depth 3fm (d) 60° 35'·09N., 147° 34'·11W.
Delete depth 4½ fm close W. of (a) above
depth 10fm close NW. of (b) above
depth 9fm close SE. of (c) above
close W. of (d) above

Chart [*Last correction*].— **4979** [1289/02]

U.S. Chart 16705 (HH.611/415/05).

II

1497 NORTH AMERICA, West Coast — British Columbia — Dixon Entrance — Langara Island — Langara Point — Light

Amend light to, *Fl.5s49m8M*, (charts 2430 and 3993, *Fl.8M*) 54° 15'·5N., 133° 03'·5W.

Chart [*Last correction*].— **3754** [1164/02] — **2430** [1164/02] — **3993** [4820/01]

Light List Vol. G, 2001/02, 5856

Canadian Light List 2000 (HH.600/470/02).

1498 NORTH AMERICA, West Coast — Oregon and Washington — Columbia River — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS
(St Helens Turn to Morgan Channel), for existing table, (a) 46° 04'·1N., 122° 47'·9W.
centred on:
the accompanying table, CHANNEL DEPTHS,
(Vancouver Lower Channel to Tomahawk Bar),
for existing table, centred on: (b) 45° 33'·9N., 122° 46'·9W.

Chart [*Last correction*].— **2849 (panel A) (a) & (panel B) (b)** [965/02]

U.S. Notices 11/18525–18526/02 (HH.612/011/2002).

1499 NORTH AMERICA, West Coast — Oregon — Coos Bay — Empire Range — Dredged depths

Amend dredged depth to, *33ft (2001)* 43° 24'·09N., 124° 16'·85W.
dredged depth to, *24ft (2001)* 43° 24'·06N., 124° 16'·75W.

Chart [*Last correction*].— **3095 (plan, Coos Bay)** [966/02]

U.S. Notice 11/18587/02 (HH.612/450/03).

1500* FALKLAND ISLANDS — Falkland Sound — Grantham Sound Westwards — Depths

Insert depth 10₄ m enclosed by 20m contour (a) 51° 41'·41S., 59° 18'·86W.
Substitute depth 10₄ m for depth 14₄ m (b) (a) above
Delete depth 14₄ m enclosed by 20m contour (c) close E. of (a) above

Chart [*Last correction*].— **2558 (a,c)** [2592/98] — **2507 (a,c)** [4181/93] — **2512 (b)** [3349/00]

HM Surveying Ship *Endurance* (HH.690/430/01).

1501 CARIBBEAN SEA — Colombia, North Coast — Puerto Bolivar — Light

Delete ★ Oc.R.3s7m4M 12° 15'·37N., 71° 57'·61W.

Chart [*Last correction*].— **2267 (plan D, Puerto Bolivar)** [210/02]

Light List Vol. J, 2001/02, 6266.3

Colombian Hydrographic Office (HH.640/400/03).

1502 WEST INDIES — Saint Barthélemy Northeastwards — Depth

Insert depth 26₅ m enclosed by 30m contour 17° 58'·32N., 62° 40'·20W.

Chart [*Last correction*].— **583** [846/02]

UK Hydrographic Office (HH.671/450/04).

1503 WEST INDIES — Dominican Republic, South Coast — Designated anchorages

Insert the accompanying note, DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC), centred on: 17° 21'·50N., 70° 46'·50W.

Chart [*Last correction*].— **471** [3855/00]

Dominican Republic Notice 01/02 (HH.676/415/03).

1504 WEST INDIES — Dominican Republic, South Coast — Designated anchorages

Insert the accompanying note, DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC), centred on: (a) 18° 22'·50N., 68° 45'·00W.
(b) 18° 48'·00N., 61° 18'·00W.
(c) 17° 12'·00N., 70° 12'·00W.

Chart [*Last correction*].— **472 (a)** [220/99] — **2600 (b)** [3707/01] — **3689 (c)** [850/02]

Dominican Republic Notice 01/02 (HH.676/405/02).

II

1505 WEST INDIES — Dominican Republic, South Coast — Designated anchorages

Insert the accompanying note, DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC), centred on: 18° 37'·00N., 69° 24'·00W.

Chart [*Last correction*].— **467** [731/02]

Dominican Republic Notice 01/02 (HH.676/410/02).

1506 WEST INDIES — Dominican Republic, North Coast — Designated anchorages

Insert the accompanying note, DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC), centred on:

- (a) top left-hand corner of panel, below plan, Puerto Plata
- (b) 15° 45'·00N., 73° 15'·00W.
- (c) 21° 32'·00N., 69° 23'·00W.
- (d) 22° 05'·00N., 71° 36'·00W.
- (e) 21° 44'·00N., 69° 48'·50W.

Chart [*Last correction*].— **463** (a) [851/02] — **486** (b) [229/02] — **1266** (c) [4555/01] — **3907** (d) [4555/01] — **3908** (e) [*New Chart 8/11/01*]

Dominican Republic Notice 01/02 (HH.676/420/02).

1507 GULF OF MEXICO — Texas — Approaches to Matagorda Bay — Matagorda Island Eastwards — Platforms

Insert ☐ (lighted) 28° 07'·2N., 95° 39'·2W.
28° 17'·2N., 96° 17'·1W.

Delete ☐ (lighted) 28° 17'·4N., 96° 22'·1W.

Chart [*Last correction*].— **3849** [1297/02]

U.S. Notices 11/11300/02 & 11/11316/02 (HH.616/180/2002).

1508 GULF OF MEXICO — Texas — Approaches to Freeport — Wreck; Platforms

Insert  PA (a) 28° 51'·10N., 95° 23'·80W.
☐ (lighted) (b) 28° 35'·10N., 95° 16'·13W.
(c) 27° 55'·00N., 94° 47'·20W.

Chart [*Last correction*].— **3854** (a,b) [1299/02] — **3849** (a,c) [1507/02] — **3850** (c) [1300/02]

U.S. Notices 11/11300/02, 11/11321/02 & 11/11330/02 (HH.616/180/2002).

1509 GULF OF MEXICO — Texas — Approaches to Galveston Bay — Platforms

Insert ☐ (lighted) 29° 02'·88N., 94° 43'·02W.
29° 10'·15N., 94° 17'·57W.

Chart [*Last correction*].— **3183** [1182/02]

U.S. Notice 11/11323/02 (HH.616/180/2002).

1510 GULF OF MEXICO — Texas and Louisiana — Approaches to Galveston Bay — Heald Bank Southeastwards — Platforms; Wells; Buoy

Insert ☐ (lighted) (a) 28° 26'·30N., 93° 47'·30W.
(b) 28° 43'·30N., 93° 06'·80W.

 Well, least depth 162ft, (chart 3850,  Well, least depth 27 fm) (c) 28° 28'·10N., 92° 47'·50W.

Substitute ☐ (lighted) for  Well least depth 90ft (chart 3850, ☐ (lighted) for  Well least depth 15fm) (d) 28° 43'·00N., 93° 17'·00W.

Delete ☐ (lighted) (e) 29° 05'·92N., 94° 08'·90W.
(f) 28° 09'·70N., 93° 38'·80W.
(g) 29° 04'·20N., 93° 25'·60W.
(h) 29° 04'·80N., 93° 24'·60W.
(i) 28° 55'·20N., 93° 23'·40W.
(j) 28° 16'·90N., 93° 10'·00W.
(k) close N. of (d) above

starboard-hand pillar light-buoy, Q.R

Chart [*Last correction*].— **3854** [1508/02] — **3850** (b-d,g-k) [1508/02]

U.S. Notices 11/11330/02, 11/11323/02 & 12/11330/02 (HH.616/180/2002).

1511 GULF OF MEXICO — Louisiana — Approaches to Sabine Pass — Sabine Bank Southwards — Platform

Delete ☐ (lighted) 29° 18'·45N., 93° 35'·77W.

Chart [*Last correction*].— **3192 (panel A)** [981/02]

U.S. Notice 11/11332/02 (HH.616/180/2002).

II

1512 GULF OF MEXICO — Louisiana — Calcasieu Pass Southwards and Southwestwards — Platforms; Obstructions; Wrecks

Insert	□ (lighted) ○ <i>Obstn</i> , least depth 35ft (chart 3850, ○ <i>Obstn</i> , least depth 5 ₅ fm)	(a) 29° 40'·42N., 93° 24'·00W. (b) 29° 36'·05N., 93° 25'·00W.
Substitute	○ <i>Obstn</i> , least depth 32ft, for ○ <i>Obstn</i> PA, least depth 33ft, (chart 3850, ○ <i>Obstn</i> , least depth 5 ₂ fm for ○ <i>Obstn</i> PA least depth 5 ₃ fm)	(c) 29° 36'·70N., 93° 32'·75W. (d) 29° 36'·00N., 93° 34'·00W. (e) 29° 36'·40N., 93° 34'·90W. (f) close NE. of (c) above (g) 29° 37'·30N., 93° 27'·70W. (h) close N. of (b) above
Delete	⊗ PA ⊗ PD ○ <i>Obstn</i> PA ⊗ PA ○ <i>Obstn</i> PA least depth 31ft, (chart 3850, ○ <i>Obstn</i> PA, least depth 5 ₁ fm) ○ <i>Obstn</i> least depth 36ft Rep (1990) ○ <i>Obstn</i> least depth 34ft Rep (1990) PA, (chart 3850, ○ <i>Obstn</i> least depth 5 ₄ fm Rep (1990) PA) □ (lighted)	(i) close W. of (b) above (j) close NW. of (b) above (k) 29° 37'·40N., 93° 25'·00W. (l) 29° 32'·68N., 93° 55'·20W. (m) 29° 22'·65N., 93° 16'·15W.

Chart [*Last correction*].— **3854** [1510/02] — **3850** (b–i,k) [1510/02]
U.S. Notices 11/11332/02, 11/11341/02, 12/11330/02, 12/11341 & 12/11344/02 (HH.616/180/2002).

1513 GULF OF MEXICO — Louisiana — Ship Shoal Southwards and Southwestwards — Obstruction; Well

Insert	○ <i>Obstn</i> PA	(a) 28° 07'·9N., 91° 14'·6W.
Delete	○ Well least depth 20fm	28° 34'·7N., 91° 39'·4W.

Chart [*Last correction*].— **3850** [1512/02] — **3851** (a) [1303/02]
U.S. Notices 11/11340/02 & 12/11340/02 (HH.616/180/2002)

1514 GULF OF MEXICO — Louisiana — LOOP Southeastwards and Southwest Pass Southwestwards — Platforms; Wrecks

Insert	□ (lighted)	(a) 28° 35'·2N., 89° 42'·0W.
Substitute	⊕ PA, for ⊗ PA	(b) 28° 44'·4N., 89° 48'·9W.
Delete	□ (lighted)	28° 59'·2N., 89° 33'·4W.

Chart [*Last correction*].— **3856** (b) [4427/01] — **3857** [986/02] — **3851** (a,b) [1513/02]
U.S. Notices 11/11340/02, 12/11358/02 & 12/11366/02 (HH.616/180/2002).

1515 GULF OF MEXICO — Louisiana — Chandeleur Islands Southeastwards — Platform

Delete	□ (lighted)	29° 37'·4N., 88° 42'·6W.
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Chart [*Last correction*].— **3858** [1303/02]
U.S. Notice 12/11363/02 (HH.616/180/2002).

1516 GULF OF MEXICO — Louisiana and Mississippi — Ship Island Pass Southeastwards — Wreck

Insert	⊗ PA	30° 07'·9N., 88° 52'·4W.
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Chart [*Last correction*].— **3151** [987/02] — **3858** [1515/02]
U.S. Notice 11/11373/02 (HH.616/180/2002).

1517 GULF OF MEXICO — Alabama — Southern Approaches to Mobile Bay — Platforms

Delete	□ (lighted)	29° 51'·1N., 88° 00'·7W. 29° 56'·7N., 88° 03'·7W.
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Chart [*Last correction*].— **3851** [1514/02]
U.S. Notice 12/11360/02 (HH.616/180/2002).

1518 NORTH AMERICA, East Coast — Chesapeake Bay Entrance — Cape Henry Port Northeastwards and Eastwards — Obstruction; Depths

Insert	○ <i>Obstn</i> , least depth 34ft depth 24ft	36° 55'·53N., 75° 50'·15W. 36° 57'·48N., 75° 55'·95W.
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Chart [*Last correction*].— **2919** [864/02]
U.S. Notice 12/12208/02 (HH.614/555/06).

II

1519 NORTH AMERICA, East Coast — Maine — Monhegan Island Southwestwards — Buoyage

Insert special pillar light-buoy, *Fl.Y.4s 'E'* 43° 42'·87N., 69° 21'·32W.

Chart [*Last correction*].— **2490** [1311/02]
U.S. Notice 11/13288/02 (HH.614/415/03).

1520 NORTH AMERICA, East Coast — Gulf of Saint Lawrence — Îles de la Madeleine Southwards — Marine farm

Delete symbol, marine farm and associated legend, buoyed (a) 47° 22'·15N., 61° 34'·00W.
symbol, marine farm (b) 47° 22'·0N., 61° 33'·0W.

Chart [*Last correction*].— **2727** (a) [5168/01] — **4764** (b) [631/02] — **4766** (b) [*New Chart 20/12/01*]
Canadian Notice 2/4951/02 (HH.604/405/04).

II

1521(P)/02 NORTH SEA — U.K. Sector — Marnock Oil Field Eastwards and Southwestwards — Obstructions; Offshore activities

1. The Mirren and Madoes Oil Fields are new fields being developed 8 miles E. and 11 miles SW. of Marnock Oil Field (57° 18' 0N., 1° 40' 0E.).
2. In preparation for the above development, obstructions 2.2 metres high have been installed on the seabed in the following positions:
57° 10' 13N., 1° 26' 24E.
57° 18' 50N., 1° 54' 68E.
57° 18' 65N., 1° 52' 45E.
3. Activities will continue throughout the year. They will include the installation of a subsea manifold and wells in the positions in Para 2. above and the laying of pipelines between those positions and the Marnock Platform.
4. Mariners should exercise caution when navigating in the vicinity.

Charts affected — 274 — 278 — 2182B — 2182C

JP Kenny and Stolt Offshore Ltd (HH.254/668/01).

1522(P)/02 SOUTH CHINA SEA — Vietnam, East Coast — Song Sai gon to Lan Tay Gasfield — Submarine pipeline; Platform

1. Mariners are advised that a new gas submarine pipeline is to be laid from March to October 2002 joining the following positions: (WGS 84 datum)
10° 22' 87N., 107° 14' 77E. (shore)
10° 19' 70N., 107° 15' 83E.
10° 15' 32N., 107° 19' 00E.
10° 02' 39N., 107° 26' 76E.
9° 56' 07N., 107° 34' 51E.
9° 38' 61N., 107° 44' 10E.
9° 31' 46N., 107° 45' 18E.
8° 51' 29N., 108° 09' 02E.
8° 42' 90N., 108° 11' 14E.
8° 27' 07N., 108° 20' 22E.
8° 19' 78N., 108° 27' 60E.
7° 53' 74N., 108° 42' 95E.
7° 34' 74N., 108° 52' 25E. (end)
2. A platform is to be established within the Lan Tay Gasfield on or around 1 May 2002 in position 7° 34' 70N., 108° 52' 15E.
3. Mariners are requested to give the pipeline laying vessel and platform a clearance of at least 2 miles and to navigate with caution in the area.
4. Charts will be amended in due course.
5. Former Notice 755(P)/02 is cancelled.

Charts affected — 1261 — 3986 — 2414 — 3482 — 3488

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

1523(P)/02 SOUTH CHINA SEA — Hong Kong to T'ai-wan Southwards (Bashi Channel) — Submarine cables

1. Submarine cable laying and associated operations were scheduled to take place from January until late March 2002 between the following positions:
22° 13' 49N., 113° 55' 69E. (shore)
22° 07' 95N., 113° 55' 17E.
22° 05' 14N., 113° 59' 00E.
22° 02' 50N., 114° 02' 44E.
21° 58' 35N., 114° 04' 35E.
21° 51' 76N., 114° 05' 84E.
21° 46' 29N., 114° 05' 66E.
21° 45' 72N., 114° 06' 29E.
21° 41' 86N., 114° 07' 91E.
21° 38' 80N., 115° 21' 47E.
21° 30' 01N., 115° 51' 03E.
21° 19' 66N., 116° 42' 30E.
21° 17' 13N., 117° 00' 47E.
21° 00' 44N., 118° 14' 42E.
21° 13' 24N., 118° 33' 53E.
21° 10' 91N., 119° 08' 13E.
21° 17' 32N., 119° 37' 81E.
21° 19' 98N., 119° 50' 81E.
21° 20' 01N., 120° 46' 16E.
21° 22' 07N., 121° 00' 36E.
2. Vessels are requested to avoid anchoring or trawling in the vicinity of the cable route.
3. Charts will be amended in due course.

Charts affected — 341 — 937 — 3026 — 1555 — 1962 — 3804 — 1968 — 3488 — 3489

Chinese Notice 5/80(T)/02 (HH.553/300/02).

II

1524(T)/02 CENTRAL AMERICA, West Coast — Mexico — Gulf of California — Bahía de La Paz and Bahía Pichilingue — Depths; Lights; Aids to navigation; Wharves; Jetties

1. La Paz Harbour and Approaches
Mexican Chart SM 359, recently received, shows depths less than charted and amendments to light characteristics and other aids to navigation in the Canal de La Paz from position 24° 13'·2N., 110° 18'·5W. to position 24° 09'·7N., 110° 19'·3W.
2. Bahía Pichilingue
Mexican Chart SM 358, recently received, shows changes to wharves, jetties and buoyage.
3. Until these amendments are incorporated in the appropriate charts, mariners are advised to consult local authorities for the latest information.

Chart affected — 3061

Mexican Chart SM 358 & SM 359 (HH.623/420/05).

1525(T)/02 SOUTH AMERICA, East Coast — Brazil, South Coast — Approaches to Rio Grande — Coroa de Dona Mariana — Dredged channel

1. Mariners are advised that the channel dredged to 13·8m in the approaches to Rio Grande has been extended 2·1 miles northwards.
2. The limit of the new section of dredged area joins the following positions:
32° 06'·84S., 52° 06'·12W. (existing limit)
32° 05'·97S., 52° 06'·12W.
32° 05'·36S., 52° 05'·93W.
32° 04'·77S., 52° 05'·58W.
32° 04'·83S., 52° 05'·46W.
32° 05'·37S., 52° 05'·78W.
32° 06'·03S., 52° 05'·99W.
32° 06'·84S., 52° 05'·99W. (existing limit)

Chart affected — 2002

Brazilian Notice S13(T)/02 (HH.656/521/03).

1526(T)/02 WEST INDIES — The Grenadines, Southern Part — Carriacou to Grenada — Ronde Island Westwards — Submerged volcanic activity; Maritime exclusion zone

1. Due to recent volcanic activity a circular maritime exclusion zone, radius 0·81M, has been established centred on the 'Kick em Jenny' submarine volcano in approximate position 12° 17'·95N., 61° 38'·20W.
2. Mariners should not enter this area until notified that the activity has ceased.

Charts affected — 795 — 597

French Notice 02/08(T)/05 (HH.671/712/01).

II

1527

CURRENT HYDROGRAPHIC PUBLICATIONS

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

(Corrected 30th March 2002)

(Former Notice 5166/01 is cancelled)

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

NP No	Title	Edition	Supplement No
1	Africa Pilot Vol I	13th (1982)	7/1999
2 †	Africa Pilot Vol II	12th (1977)	11/1999
3	Africa Pilot Vol III	13th (1980)	10/2001
4	South-East Alaska Pilot	6th (1993)	2/2000
5 ‡ †	South America Pilot Vol I	13th (1999)	
6	South America Pilot Vol II	16th (1993)	2/1999*
7 ‡	South America Pilot Vol III (19/04/01)	7th (2000)	
7A	South America Pilot Vol IV	2nd (1983)	7/1999
8	Pacific Coasts of Central America and United States Pilot	9th (1995)	1/1998
9	Antarctic Pilot	5th (1997)	
10	Arctic Pilot Vol I	7th (1985)	6/1997
11	Arctic Pilot Vol II	8th (1996)	
12	Arctic Pilot Vol III	7th (2001)	
13	Australia Pilot Vol I	7th (1992)	3/2001
14 ‡ †	Australia Pilot Vol II	7th (1999)	
15 ‡	Australia Pilot Vol III	8th (1999)	
17	Australia Pilot Vol V	7th (1992)	3/2001
18 ‡ †	Baltic Pilot Vol I	11th (1998)	
19 ‡ †	Baltic Pilot Vol II	11th (1998)	
20 ‡	Baltic Pilot Vol III	8th (2000)	
21	Bay of Bengal Pilot	10th (1978)	11/2001
22 ‡	Bay of Biscay Pilot	8th (2001)	
23	Bering Sea and Strait Pilot	5th (1980)	10/2000
24 ‡	Black Sea Pilot	13th (2000)	
25 ‡	British Columbia Pilot Vol I	11th (2001)	
26 ‡ †	British Columbia Pilot Vol II	7th (1999)	
27 ‡ †	Channel Pilot	4th (1999)	
28 ‡	Dover Strait Pilot	5th (1999)	
30 ‡	China Sea Pilot Vol I	5th (2001)	
31 ‡	China Sea Pilot Vol II	6th (2001)	
32	China Sea Pilot Vol III	4th (1982)	7/1998
33	Philippine Islands Pilot	1st (1978)	11/2000
34 ‡	Indonesia Pilot Vol II	2nd (1999)	
35 ‡	Indonesia Pilot Vol III	2nd (2001)	
36 ‡ †	Indonesia Pilot Vol I	3rd (1999)	
37 ‡ †	West Coasts of England and Wales Pilot	14th (1999)	
38 ‡ †	West Coast of India Pilot	12th (1998)	
39 ‡	South Indian Ocean Pilot	10th (2001)	
40 ‡	Irish Coast Pilot	15th (2000)	
41	Japan Pilot Vol I	7th (1982)	7/1998
42A	Japan Pilot Vol II	7th (1979)	10/2001
42B	Japan Pilot Vol III	7th (1981)	9/2001
43	South and East Coasts of Korea, etc Pilot	6th (1983)	7/1999
44	Malacca Strait and West Coast of Sumatra Pilot	6th (1987)	5/1999
45 †	Mediterranean Pilot Vol I	10th (1978)	10/1998
46	Mediterranean Pilot Vol II	10th (1978)	10/1998
47 †	Mediterranean Pilot Vol III	10th (1988)	4/1998
48 ‡	Mediterranean Pilot Vol IV	11th (2000)	
49 ‡	Mediterranean Pilot Vol V	7th (1999)	
50	Newfoundland and Labrador Pilot	10th (1978)	11/2000
51 ‡	New Zealand Pilot	15th (2001)	
52 ‡	North Coast of Scotland Pilot	4th (2000)	
54 ‡	North Sea (West) Pilot	5th (2000)	
55 ‡ †	North Sea (East) Pilot	3rd (1999)	
56 ‡	Norway Pilot Vol I	11th (2000)	
57A	Norway Pilot Vol IIA	8th (1979)	10/2000
57B	Norway Pilot Vol IIB	8th (1979)	10/1999
58A	Norway Pilot Vol IIIA	6th (1982)	8/2000
58B	Norway Pilot Vol IIIB	6th (1984)	8/2002
59	Nova Scotia and Bay of Fundy Pilot	12th (1991)	3/2000
60	Pacific Islands Pilot Vol I	10th (1988)	5/2000
61	Pacific Islands Pilot Vol II	10th (1984)	7/2001
62	Pacific Islands Pilot Vol III	10th (1982)	8/1999
63	Persian Gulf Pilot	12th (1982)	8/2001

II

CURRENT HYDROGRAPHIC PUBLICATIONS – continued

64 †	Red Sea and Gulf of Aden Pilot	12th (1980) (Revised 1987)	5/1998
65	St Lawrence Pilot	13th (1987)	5/1999
66 ‡	West Coast of Scotland Pilot	14th (2001)	
67 ‡ †	West Coast of Spain and Portugal Pilot	7th (1999)	
68 ‡	East Coast of the United States Pilot Vol I	10th (2001)	
69 ‡	East Coast of the United States Pilot Vol II	8th (1999)	
69A	East Coasts of Central America and Gulf of Mexico Pilot	2nd (1993)	2/1999
70	West Indies Pilot Vol I	2nd (1993)	2/1998*
71 ‡	West Indies Pilot Vol II	13th (2000)	
72	Southern Barents Sea and Beloye More Pilot	1st (1996)	1/1999
100	The Mariner's Handbook	7th (1999)	
136	Ocean Passages for the World	4th (1987)	
150 •	The Fisherman's Pilot (North Sea)	2002	
151 •	The Fisherman's Pilot (North and West Scotland)	2002	
152 •	The Fisherman's Pilot (Ireland and Irish Sea)	2002	
735	Maritime Buoyage System	5th (1994)	

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

† New or Revised Edition due for publication within one year

* New Supplement due for publication within 3 months.

• Annual publications

(2) ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

NP No Current Edition Published

74	Volume A, 2002/03	March 2002
75	Volume B, 2001/02	April 2001
76	Volume C, 2001/02	May 2001
77	Volume D, 2001/02	June 2001
78	Volume E, 2001/02	July 2001
79	Volume F, 2001/02	August 2001
80	Volume G, 2001/02	October 2001
81	Volume H, 2001/02	November 2001
82	Volume J, 2001/02	December 2001
83	Volume K, 2002/03	January 2002
84	Volume L, 2002/03	February 2002

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

DP No New Publication Remarks

561	Volume A, 2001	Published April 2001
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(4) ADMIRALTY LIST OF RADIO SIGNALS

NP No	Title	Published
	Volume 1, 2001/02 — Coast Radio Stations:	
281(1)	Part 1: Europe, Africa and Asia	August 2001
281(2)	Part 2: Oceania and the Americas	August 2001
282	Volume 2, 2002/03 — Radio Navigational Aids, Electronic Position Fixing Systems, Legal Time and Radio Time Signals	February 2002
	Volume 3, 2001/02 — Maritime Safety Information Services	
283(1)	Part 1: Europe, Africa and Asia	June 2001
283(2)	Part 2: Oceania and the Americas	June 2001
284	Volume 4, 2001/02 — Meteorological Observation Stations	June 2001
285	Volume 5, 2001/02 — Global Maritime Distress and Safety System (GMDSS)	August 2001
	Volume 6, 2001/02 — Pilot Services, Vessel Traffic Services and Port Operations	
286(1)	Part 1: United Kingdom and Ireland (including European Channel Ports)	October 2001
286(2)	Part 2: Europe (excluding UK, Ireland, Channel Ports and Mediterranean) and Iceland	October 2001
286(3)	Part 3: Mediterranean and Africa (including Persian Gulf)	October 2001
286(4)	Part 4: Asia and Australasia	October 2001
286(5)	Part 5: Americas and Antarctica	October 2001
288	Volume 8, 2002/03 — Satellite Navigation Systems	March 2002
289	2nd Edition 2001: Admiralty Maritime Communications United Kingdom and Mediterranean	April 2001
290	1st Edition: Admiralty Maritime Communications Caribbean	May 2001
291	1st Edition: Admiralty Maritime Communications United Kingdom and the Baltic	March 2002

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(5) TIDAL PUBLICATIONS

<i>NP No</i>	<i>Admiralty Tide Tables</i> (corrected by Annual Notice to Mariners 1/01)	
201–02	Volume 1	United Kingdom and Ireland (including European Channel Ports)
202–02	Volume 2	Europe (excluding United Kingdom and Ireland), Mediterranean Sea and Atlantic Ocean
203–02	Volume 3	Indian Ocean and South China Sea (including Tidal Stream Tables)
204–02	Volume 4	Pacific Ocean (including Tidal Stream Tables)
160	Tidal Harmonic Constants (European Waters) Edition 3, 2000	
164–02	Dover, Times of High Water and mean ranges (published annually)	
<i>NP No</i>	<i>Admiralty Tidal Stream Atlases</i>	
209	Edition 4	Orkney and Shetland Islands, 1986
218	Edition 5	North Coast of Ireland, West Coast of Scotland, 1995
219	Edition 2	Portsmouth Harbour and Approaches, 1991
220	Edition 2	Rosyth Harbour and Approaches, 1991
221	Edition 2	Plymouth Harbour and Approaches, 1991
222	Edition 1	Firth of Clyde and Approaches, 1992
233	Edition 3	Dover Strait, 1995
249	Edition 2	Thames Estuary, 1985 (with Co–Tidal Charts)
250	Edition 4	The English Channel, 1992
251	Edition 3	North Sea, Southern Portion, 1976
252	Edition 3	North Sea, North Western Part, 1975
253	Edition 1	North Sea, Eastern Part, 1978
256	Edition 4	Irish Sea and Bristol Channel, 1992
257	Edition 3	Approaches to Portland, 1973
264	Edition 5	The Channel Islands and the Adjacent Coasts of France, 1993
265	Edition 1	France, West Coast, 1978
337	Edition 4	The Solent and Adjacent Waters, 1993
<i>NP No</i>	<i>Co–Tidal Atlas</i>	
214	Edition 2	Persian Gulf, 1999
215	Edition 1	South–East Asia, 1979
<i>DP No</i>	<i>Admiralty Tidal Prediction Software</i>	<i>Edition</i>
550	TotalTide CD–ROM	May 2001
560	Simplified Harmonic Method of Tidal Prediction (SHM for Windows) CD–ROM	May 2001

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

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TEMPORARY AND PRELIMINARY NOTICES

In Force 30 March 2002

(Former Notice 1002/02 is cancelled)

Cancelled Notices					
Area	Notice No.	Area	Notice No.	Area	Notice No.
2	3729/01, 218/02, 1082/02	4	769/01, 2278/01, 403/02	4	2565/01, 2566/01, 4550/01
5	1797/01, 4640/01, 751/02	7	2349/01	11	4211/01
12	4827/00, 1208/01	13	4846/01, 4847/01, 5046/01	14	1777/97, 3214/99, 1767/00
14	2240/00, 2531/00, 3735/01	14	4214/01, 755/02	15	2634/99, 3533/99, 2332/00
15	5040/00, 1798/01, 2574/01	15	5161/01, 640/02	16	219/01, 1420/01
18	4941/00, 3546/01, 331/02	18	756/02	20	4946/00
21	3548/01				

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	
537/02–	.....	Global Positioning System (GPS) and Chart Accuracy	–
538/02–	.....	Admiralty Tide Tables Volumes 2 and 3, South Africa:Tidal Predictions	–

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
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–	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,	...	England, E. coast to Denmark, Redcar to Fanø and Esbjerg:	7, 9
	2182B	.....	Submarine cable	
3520/00–	2565, 1178, 1123,	..	England, W. coast, Cornwall, Whitesand Bay Northwestwards, Westwards	1, 2, 6
	2649, 2675, 2	.....	and Southwestwards: Submarine cable	
3784/00–	1200	.....	England, E. coast, The Wash, Approaches to King's Lynn,	7
		.....	Old Lynn Road: Buoyage	
4119/00–	1478, 1468, 1787,	..	Ireland, E. and S. coasts, Dublin Bay to Mizen Head Southwestwards	1, 2, 3, 6
	2049, 2423, 2424,	..	Submarine cable	
	1178, 1411, 1121,			
	1123, 2649, 2			
4731/00–		.....	British Isles, Positions on Admiralty Charts and small craft versions	–
		.....	during the period of transfer to a WGS 84 compatible datum	
428/01–	1978, 1981, 2198,	..	England, W. coast to Ireland, NW. coast, Southport to Tory Island	3, 4, 5, 6
	2199, 2798, 2811,	..	Westwards: Submarine cable	
	1320, 1770, 2093,			
	2094, 1411, 2723,			
	2724, 2725, 1121,			
	1127, 2635, 2			
768/01–	1160, 1178, 1123,	..	England, W. coast to Ireland, S. coast, Saunton Sands to Celtic Sea:	1, 2, 6
	2649, 2	.....	Submarine cable	
877/01–	1152, 2049, 1178,	..	England, W. coast to Celtic Sea, Burnham-on-Sea Northwards, Celtic Deep	1, 2, 3, 6
	1121, 1123, 2649, 2	..	and Porcupine Sea Bight Eastwards: Submarine cable	
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,	...	England, E. coast to Netherlands, Filey to Eemshaven: Submarine cable	7, 9
	1507, 2593, 3761,			
	266, 1191, 1405,			
	2182B			
2274/01–	2198, 2199, 1411,	..	Scotland, W. coast to Ireland, NE. coast, North Channel, Loch Ryan	3, 5, 6
	2724, 1121, 2635, 2	..	Northwards to Larne Eastwards: Submarine power cables	

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2. BRITISH ISLES – continued

2436/01–	244, 213, 272, ...	Scotland, E. coast, Bay of Cruden Eastwards, Northeastwards and	6, 7
	274, 278, 1409, ...	Southeastwards to North Sea, Norwegian Sector, Ula Oil Field:	
	2182B, 2182C	Submarine cable	
2437/01–	2381, 2382, 2131	Scotland, W. coast, Firth of Clyde, Loch Fyne, Otter Spit: Less water	3
2855/01–	2378, 2379	Scotland, W. coast, Loch Linne, Lismore, Lynn of Lorn: Artificial reef	5
3241/01–	1543	England, E. coast, Approaches to Great Yarmouth and Lowestoft: Depths	7
		Drying heights	
3243/01–	1152, 1164, 1165, ...	England, W. coast to Celtic Sea, Burnham-on-Sea Westwards to	1, 2, 3, 6,
	1179, 1178, 1121, ...	Celtic Sea Southwards: Submarine cable	16
	1123, 2649, 1104, 2		
3335/01–	1160, 1156, 1164, ...	England, W. coast to Celtic Sea, Barnstaple Bay to Celtic Sea Southwards	1, 2,
		Submarine cable	6, 16
	1179, 1178, 20, ...		
	1123, 2649, ...		
	1104, 2		
3730/01–	1552	England, W. coast, Morecombe Bay, Approaches to Heysham: Depths	3
5040/01–	44	Ireland, E. coast, Annalong Harbour: Temporary closure of harbour	3
138/02–	442, 2454, 2668	English Channel, Off Casquets TSS Westwards and Southwestwards: Depths	1, 16
868/02–	3497, 109	England, E. coast, River Humber, Hull Middle: Depths; Drying heights	7
1420/02–		British Isles: Oceanographic buoys and moorings established temporarily	–

3. NORTH RUSSIA, NORWAY, THE FAEROE ISLANDS & ICELAND

1665/96–	4101	Norway, W. coast, Halten Bank Northwestwards: Restricted area	13, 15
3529/99–	2308, 4101	Norway, W. coast, Asgard Oil Field: Restricted area	13, 14,
			15
4033/99–	4101	Norway, W. coast, Asgard Oil Field: Obstruction; Anchors; Chains;	13
		Moored storage tanker	
2037/00–	2984	Norway, S. coast, Kristiansand, Outer Approaches to Vestregapet	12
		Kristiansandsfjorden and Kvåsefjorden: Depths	
2946/00–	2295	Norway, W. coast, Trondheim Havn, Fernjehavn: Breakwater; Lights	13
3521/00–	2967	Russia, N. coast, Barents Sea, Proliv Karskiye Vorota: Depths	14
295/01–	3882	Norway, W. coast, Bodø Indre Havn: Harbour developments; Light.	14
430/01–	2327, 2366	Norway, W. coast, Vesterålen and Andefjorden: Lights; Depth	14
970/01–	3759	Norway, W. coast, Vågsfjorden, Astafjorden, Tjeldsundet and	14
		Sandtorgstraumen: Depths; Lights; Buoyage	
983/01–	3503, 3505	Norway, W. coast, Approaches to Namsos: Depths; Lights	14
1884/01–	3008	Norway, W. coast, Bergen Havn: Harbour developments	13
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1428/02–	Aus 143, Aus 155	Victoria, Port Phillip: Buoy	65
1429/02–	Aus 154	Victoria, Port Phillip, Port Melbourne, Victoria Dock: Harbour works	65

19. NEW ZEALAND

2836/00–	4640, 4060, 4061, 4065, 4600	South Island, E. coast, Chatham Rise: Research instruments	63, 71, 73
4740/00–	NZ 68, NZ 681	Stewart Island, Half Moon Bay: Wreck	72
1108/01–	4060, 4061, 4600	Bounty Islands Northwards and Southwards: Research moorings	63, 71, 73
1314/01–	NZ 53, NZ 54	North Island, E. coast, Bay of Plenty: Research Moorings	71
4328/01–	NZ 46, NZ 463, NZ 6153	South Island, N. coast, Tory Channel Entrance: Wreck	71
4329/01–	NZ 53, NZ 532	North Island, E. coast, Firth of Thames: Buoyage	71
4437/01–	NZ 53, NZ 532, NZ 5321, NZ 5324	North Island, E. coast, Hauraki Gulf: Data buoy	71
4767/01–	NZ 63, NZ 64	South Island, E. coast, Pegasus Bay: Research instruments; Buoyage	72
543/02–	NZ 61	South Island, N. coast, Golden Bay and Tasman Bay: Research moorings; Buoyage	71
875/02–	NZ 51, NZ 52, NZ 53, NZ 521, NZ 522, NZ 531, NZ 532	North Island, E. coast: Research instruments	71
999/02–	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
1090/02–	NZ 54, NZ 541	North Island, E. coast, Tauranga Harbour: Light	71

20. PACIFIC OCEAN

2478/95–	1570	Vanuatu: Fish Aggregating Devices	68
2302/97–		Pacific Ocean, Autonomous Temperature Line Acquisition System (ATLAS): Buoyage	68, 70, 73, 88
1446/98–	979, 4624	Melanesian Basin, Nauru: Fish aggregating devices	68, 70, 73
4041/00–	3994, 3995, 3996, 3997, 3998, 4623, 4634	Solomon Islands: Fish aggregating devices	68
2285/01–	1436	Polynésie Française, Tahiti, Passe de Papeete: Wreck	73
2583/01–	1436	Polynésie Française, Tahiti, Port de Papeete: Restricted area	73
2785/01–	762, 4622, 4623, 4506, 4507, 4604	Caroline Islands to Solomon Islands: Data buoys	57, 59, 67, 68
2968/01–	378, 381, 382, 387, 440, 441, 744, 745, 746, 1673, 1674, 1682, 2691	Fiji Islands: Fish aggregating devices	70
3162/01–	936	Nouvelle-Calédonie, Îles Loyauté: Data buoys	68
3547/01–	968, 4631, 4632	Îles Wallis and Îles Futuna: Fish havens	70
4650/01–	1107	Polynésie Française, Îles de la Société, Raiatea, Port d'Uturoa: Lights; Leading lines; Buoyage; Light-beacons	73
5164/01–	1103, 1382, 1060, 998, 4653	Polynésie Française, Îles de la Société: Fish havens	73
1204/02–	935, 936	Nouvelle-Calédonie: Fish havens	68

21. ALEUTIAN ISLANDS, ALASKA AND WEST COAST OF NORTH AMERICA INCLUDING MEXICO

227/01–	46, 47, 76, 75, 1947	Washington, Puget Sound and Juan de Fuca Strait, Norma Beach to Slip Point Northwards: Submarine cable	90
3422/01–	3095	California, Humboldt Bay, Entrance Channel: Lights; Leading lines Dredged channels	90
1328/02–	1081, 1082, 1063	California, Los Angeles and Long Beach: Anchor berths; Depths; Obstructions; Rocks; Wrecks; Pilot boarding operations	89

22. WEST COASTS OF CENTRAL AND SOUTH AMERICA

1268/98–	660	Nicaragua, Approaches to Corinto: Buoyage; Depths; Leading lights	89
3792/00–	3089, 3092	Peru, Approaches to Bahía de Paita: Traffic separation scheme	98
3794/00–	3084, 3091	Peru, Puerto San Martin: Traffic separation scheme	98
3795/00–	3090	Peru, Approaches to Puerto Ilo: Traffic separation scheme	98
5041/00–	1853, 3091	Peru, Bahía del Callao: Traffic separation scheme	98
1315/01–	560	Ecuador, Estero Salado: Buoyage	98
1423/01–	3091, 3092	Peru, Approaches to Salaverry: Traffic Separation Scheme	98
4554/01–	3092	Peru, Ensenada de Sechura Southwards, Pta Tur: Depth	98
1524/02–	3061	Mexico, Gulf of California, Bahía de La Paz and Bahía Pichilingue: Depths; Aids to navigation; Wharves; Jetties	89

II

23. ANTARCTICA

1869/99–	3202	South Shetland Islands, Deception Island, Port Foster: Sub-surface instruments	97
4330/01–	3587, 3588	South Georgia, Ocean Harbour and Godthul: Depths	96

24. EAST COAST OF SOUTH AMERICA & THE FALKLAND ISLANDS

634/99–	397	South America, E. coast, Brazil, N. coast, Approaches to Porto de Belém, Ilha do Barra Westwards, Ilha do Cruzador: Shoaling	95
4039/99–	1614	Falkland Islands, E. Falkland Island, Stanley Harbour, FIPASS: Alongside depths	96
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
4127/00–	969	South America, E. coast, Brazil, E. coast, Porto de Recife: Depths	95
228/01–	550	South America, E. coast, Brazil, S. coast, Approaches to São Francisco do Sul: Buoyage; Depths; Works	95
667/01–	526, 3955, 3957, 528	South America, Brazil, N. coast, Fortaleza Northwestwards: Submarine cables	95
668/01–	2189	South America, E. coast, Brazil, Rio Amazonas, Baía de Macapá: Shoal bank; Depths	95
4224/01–	231	South America, E. coast, Brazil, S. coast, Approaches to Porto de Paranaguá, Canal da Galheta: Depths; Buoyage	95
759/02–	431	South America, E. coast, Brazil, S. coast, Approaches to Porto de Sepetiba: Coal terminal; Depths; Buoyage	95
1000/02–	2545	Falkland Islands, West Falkland Island, Pebble Sound: Depths	96
1525/02–	2002	South America, E. coast, Brazil, S. coast, Approaches to Rio Grande, Coroa de Dona Mariana: Dredged channel	95

25. CARIBBEAN SEA, WEST INDIES & THE GULF OF MEXICO

590/89–	2626, 1225	Gulf of Mexico, Gulf of Campeche, Cayo Arcas: Ships' Routeing System.	83
2403/92–	2009, 1217, 3866	West Indies, Cuba, N. coast: Causeway constructed	83, 84
1116/97–	1525	Venezuela, Lago de Maracaibo, Cabinas and La Salina: Dredged channels; Depths; Submarine pipelines; Aids to navigation	87
1117/97–	1519	Venezuela, Puerto Miranda: Dredged channels; Depths; Anchorage area; Aids to navigation	87
4638/98–	483	West Indies, Trinidad, Gulf of Paria, Boca Grande, Soldado Oilfield and Serpent's Mouth: Buoyage; Well	87
230/99–	1330	Venezuela, Gulf of Paria, Entrance to Rio San Juan: Lights; Buoyage; Channels; Floating logs	87
2946/99–	1525	Venezuela, Lago de Maracaibo: Wreck	87
3123/99–	494, 371, 594, 956	West Indies, Martinique: Fish havens	87
950/00–	254, 585, 593, 955, 2600	West Indies, Leeward Islands, Montserrat: Volcanic activity	86, 87
3272/00–	502	West Indies, Barbados, Bridgetown Harbour and Approaches, Spring Garden: Anchorage: Outfall; Buoyage; Submarine pipeline	87
4421/00–	482, 479, 484, 483	West Indies, Trinidad, West coast, Approaches to Port of Spain; Dredged depths; Works	87
4640/00–	799	West Indies, Windward Islands, Saint Vincent, SW. coast, Kingstown Bay: Jetty; Light; Wrecks; Landmark	87
4641/00–	2065, 2064	West Indies, Antigua, Saint John's Harbour: Depths; Buoyage; Dredged areas	86
229/01–	1629, 2192	Venezuela, N. coast, La Guaira Westwards: Submarine cables	87
302/01–	371	West Indies, Martinique, W. coast, Bais de Fort-de-France: Buoy	87
303/01–	494	West Indies, Martinique, S. coast, Cul-de-Sac du Marin: Light-beacon; Buoy	87
775/01–	1414	West Indies, Nederlandse Antillen, Bonaire: Depths	87
982/01–	491, 618	West Indies, Guadeloupe, Les Saintes, Terre-de-Haut, Passe du Pain de Sucre: Buoy	87
1892/01–	522	Belize, English Cay Channel and Belize Harbour: Buoyage	85
2786/01–	1277	Colombia, N. coast, Roca Morrosquillo: Light; Buoy	88
2969/01–	1517, 1519	Venezuela, Approaches to Lago de Maracaibo: Depths; Buoyage; Beacons; Pontoons	87
2970/01–	1334	West Indies, Old Providence Island, Catalina Harbour: Leading line; Depths	85
225/02–	1511	Caribbean Sea, Isla de San Andres (St Andrew Island): Depths; Aids to navigation	85
1430/02–	3384	Gulf of Mexico, Louisiana, Mississippi River, New Orleans and Baton Rouge: Restricted areas	83
1526/02–	795, 597	West Indies, The Grenadines, Southern Part, Carriacou to Grenada, Ronde Island Westwards: Submerged volcanic activity; Maritime exclusion zone	87

26. EAST COAST OF NORTH AMERICA & GREENLAND

213/00–	2755, 2860	New Jersey, Manasquan Inlet Eastwards: Submarine cable	81
5165/01–	2809, 2806, 2803, 2864, 2865, 2710	South Carolina, Charleston Harbor and Approaches: Channels; Buoyage; Pilot boarding place; Light-beacons	81
1001/02–	3692	Florida, Port Canaveral: Dredged areas; Dredged depths	81

On Chart 1237

Adjusted Position $54^{\circ}52' \cdot 497\text{N}$ $5^{\circ}46' \cdot 437\text{W}$
(compatible with chart datum)

On Chart 1887

The tidal streams within the Bahía de Corisco and Estuaire du Gabon are strong and are influenced by the outgoing river currents; the sandbanks are shifting constantly. For further information see Admiralty Sailing Directions.

On Chart 2849

COLUMBIA RIVER ST HELENS TURN TO MORGAN CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2001								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
ST HELENS TURN	45	45	44	39	9-01	600	1.7	40
WARRIOR ROCK RANGE	40	41	42	41	8-01	600	1.3	40
DUCK CLUB TURN	42	42	42	42	8-01	600	1.4	40
HENRICI RANGE	42	42	40	39	6,8-01	600	2.6	40
FALES CHANNEL	42	42	40	40	6-01	600	1.1	40
KNAPP POINT CHANNEL	41	41	41	39	6-01	600	1.8	40
WILLOW LOWER RANGE	40	42	42	41	6-01	600	2.1	40
WILLOW UPPER RANGE	44	44	44	45	6-01	600	1.1	40
MORGAN TURN	44	45	47	50	6-01	600	1.0	40
MORGAN CHANNEL	47	47	44	43	11-01	600	1.5	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 1498/02 (continued)

On Chart 2849

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER VANCOUVER LOWER CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2001								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
VANCOUVER LOWER CHANNEL	48	48	52	54	10-01	500	1.0	40
VANCOUVER RANGE	41	40	40	42	10-01	500	1.3	40
VANCOUVER UPPER CHANNEL	43	42	42	41	10-01	500	0.9	40
VANCOUVER LOWER TURNING BASIN	34	37	40	41	10-01	800	1.0	40
VANCOUVER UPPER TURNING BASIN	31	28	29	30	10-01	800	0.9	35
TOMAHAWK BAR	18	18	20	19	10-01	300	3.7	27
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 1529/02

On Chart 2469

CHARTS 2344 AND 3625: POSITIONS
To agree with adjoining charts 2344 and 3625,
which are referred to World Geodetic System
(1984) Datum, positions read from chart 2469
should be moved 0.04 minutes SOUTHWARD and
0.07 minutes WESTWARD.

To accompany Notice to Mariners 1432/02



On Chart 1513

RESTRICTED AREAS

Entry into the areas centred on 37° 58'·0N, 23° 24'·0E. and 37° 57'·5N, 23° 24'·3E. is restricted to those vessels servicing the oil terminals north of Nísos Revithoúsa.
Mariners are advised of the presence of submarine gas pipelines in the restricted area to the north of Nísos Revithoúsa (see PIPELINES note).

On Chart 1598

RESTRICTED AREAS

Entry into the areas centred on 37° 58'·0N, 23° 24'·0E. and 37° 57'·5N, 23° 24'·3E. is restricted to those vessels servicing the oil terminals north of Nísos Revithoúsa.
Mariners are advised of the presence of submarine gas pipelines in the restricted area to the north of Nísos Revithoúsa (see PIPELINES note).

To accompany Notice to Mariners 1503/02

On Chart 471

**DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)**

Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

To accompany Notice to Mariners 1504/02

On Chart 472

**DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)**

Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

On Chart 2600

**DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)**

Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

To accompany Notice to Mariners 1504/02 (continued)



On Chart 3689

DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)
Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

To accompany Notice to Mariners 1505/02

On Chart 467

DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)
Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

To accompany Notice to Mariners 1506/02

On Chart 463

DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)
Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

On Chart 486

DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)
Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

On Chart 1266

DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)
Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

To accompany Notice to Mariners 1506/02 (continued)



On Chart 3907

DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)

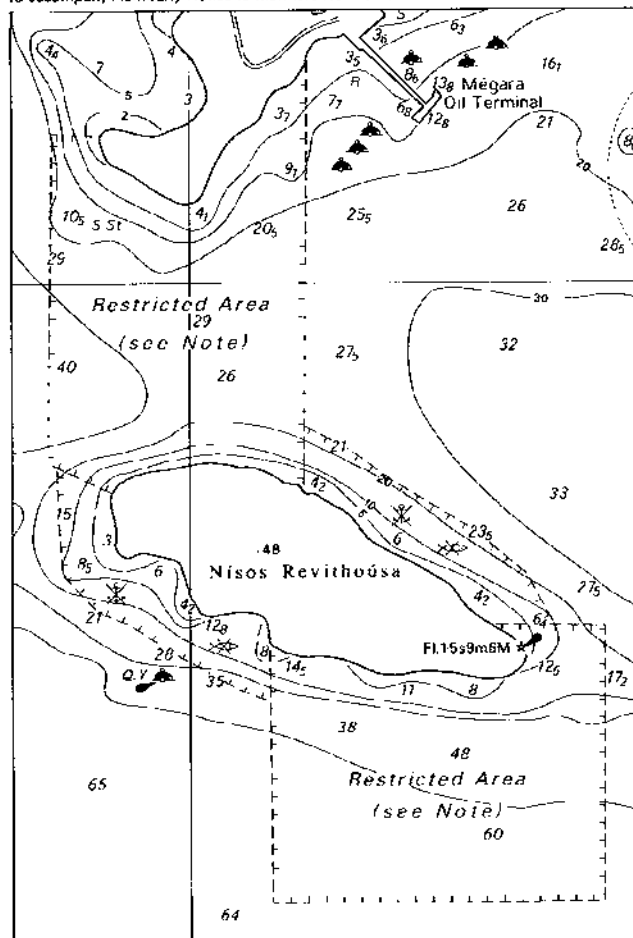
Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

On Chart 3908

DESIGNATED ANCHORAGES
(DOMINICAN REPUBLIC)

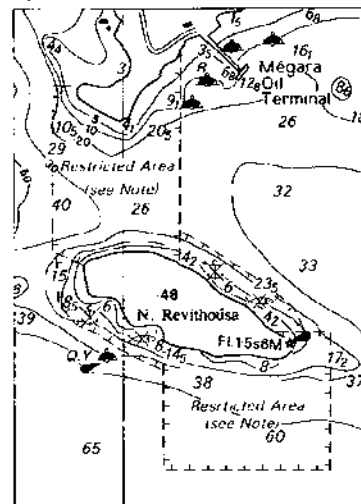
Vessels may only anchor in anchorages designated by the Dominican Republic Naval Authority. Mariners should contact local authorities for details of the anchorage areas. See also Admiralty Sailing Directions.

To accompany Admiralty Notice to Mariners No 1432 of 2002



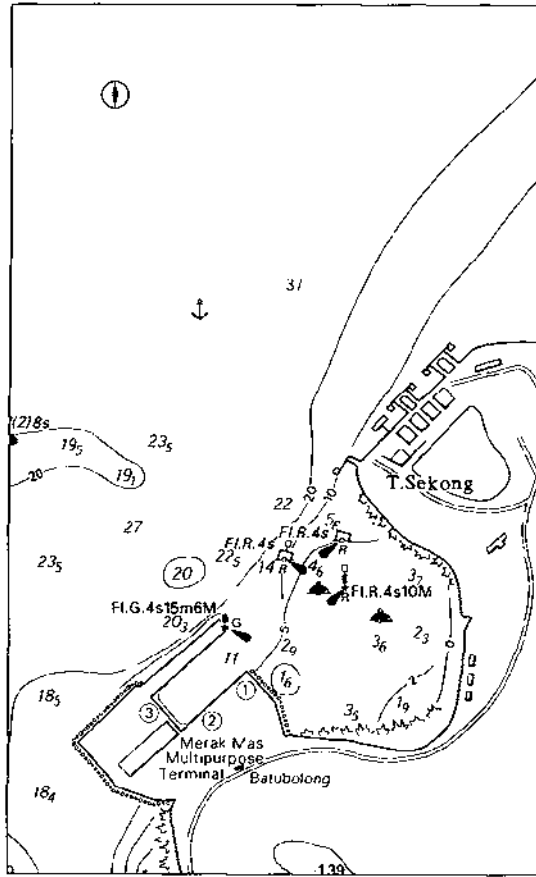
Block for Chart No 1598

To accompany Admiralty Notice to Mariners
No 1432 of 2002



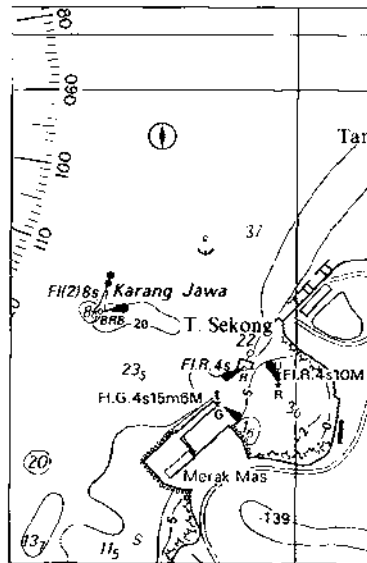
Block for Chart No 1513

To accompany Admiralty Notice to Mariners No 1434 of 2002



Block A for Chart No 918

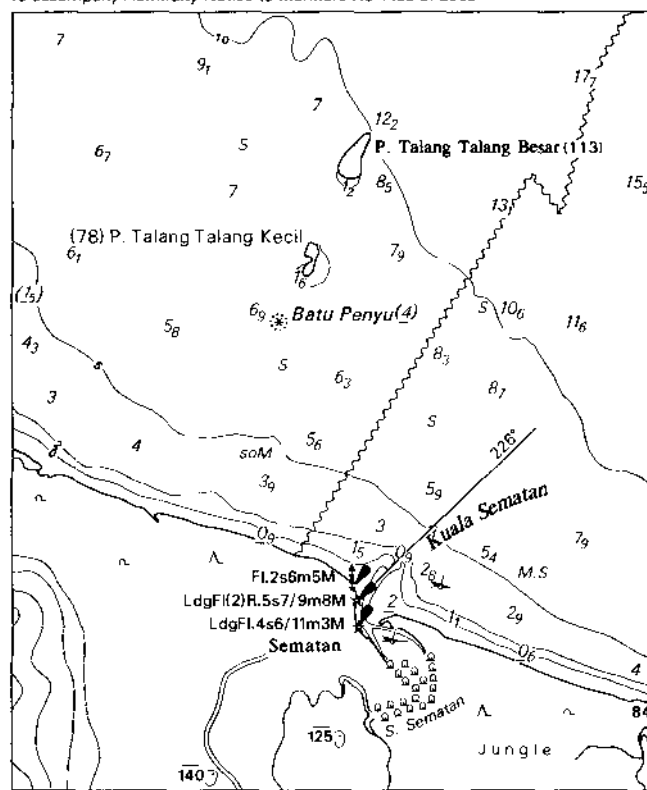
To accompany Admiralty Notice to Mariners
No 1434 of 2002



Block B for Chart No 918

3

To accompany Admiralty Notice to Mariners No 1435 of 2002



Block for Chart No 3834

III

NAVIGATIONAL WARNINGS

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

(1) Navarea I (NE Atlantic) 14th Week 4/4/02.

NAVAREA I warnings in force 26/3/02: 2000 series: 189 397 419 473. 2001 series: 114 151 152 222 252 303 487 510. 2002 series: 008 032 056 064 073 075 089 096 105 106 107 110 111 112 113.

104 Cancelled.

105 NORTH SEA. Varg and Armada Oil Fields. Chart BA 274. Seismic survey in progress by M/V *Ramform Viking* towing 8 x 5500 metre cables in area bounded by 57°55'N 001°55'E, 58°03'N 001°46'E, 58°11'N 001°55'E and 58°03'N 002°04'E. Wide berth requested.

106 ENGLAND, East Coast. Thames Estuary and Harwich Approach. Charts BA 1975 and 2052.

1. Sunk Vessel Traffic Service established with effect from 250001z Mar 02. The Sunk VTS Area is that of the current Sunk Precautionary Area.

2. VHF Channel 14 Reporting Points established as follows:

E Shipwash	51°57'·00N 001°39'·38E
S Inner Gabbard	51°50'·67N 001°52'·20E
Long Sand Head	51°47'·50N 001°40'·50E
Sunk Head Towers (Black Deep)	51°45'·98N 001°32'·00E
Sunk Head Towers (Barrows)	51°46'·76N 001°28'·15E
Wallet No.2	51°49'·00N 001°23'·00E
Walker	51°53'·78N 001°33'·63E

3. On passing these Reporting Points and entering the Sunk VTS Area, vessels should report their name, position, draft and intended passage to Sunk VTS and maintain a continuous listening watch on VHF Channel 14.

107 GPS. PRN 18 unusable until further notice.

108 Cancelled.

109 Cancelled.

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

NEW	52°39'·0N	001°54'·5E	Transocean Nordic
	53°42'·3N	004°36'·1E	Glomar Adriatic 11
	53°49'·1N	003°29'·7E	Noble Ronald Hoope
	53°55'·7N	000°32'·3E	Noble Julie Robertson
	54°06'·6N	000°32'·6E	Glomar Adriatic 6

NOTES:

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

2. Cancel 100/02.

III

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

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

NEW	59°19'0N	001°33'3E	Noble Ton Van Langeveld
	59°26'0N	001°40'9E	Glomar Arctic 3
	59°31'3N	001°25'4E	Sedco 711
	59°32'6N	001°39'5E	Borgsten Dolphin

NOTES:

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

2. Cancel 101/02.

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

	60°20'1N	004°02'2W	Transocean Leader
	60°20'6N	004°14'7W	Jack Bates
	60°28'1N	002°39'2E	Deepsea Delta
NEW	60°28'8N	004°17'9W	Paul B Loyd Jr
	60°30'8N	001°50'1E	Transocean John Shaw
	60°50'0N	003°36'2E	Polar Pioneer
	60°51'4N	002°39'0E	Maersk Gallant
	60°52'0N	003°33'5E	Maersk Jutlander
	60°52'6N	003°29'7E	West Venture
	61°02'0N	001°07'7E	Sedco 712
NEW	61°04'6N	001°57'9E	Borgland Dolphin
	61°06'6N	002°15'5E	Deepsea Trym
	61°16'6N	002°07'2E	Bideford Dolphin
	61°25'9N	002°34'1E	West Vanguard
	61°37'8N	001°29'8E	Ocean Guardian
	61°53'1N	003°59'1E	Deepsea Bergen
	63°34'3N	005°34'3E	Scarabeo 5
	64°37'3N	006°36'1E	Transocean Winner
	65°10'1N	006°48'0E	Transocean Searcher
	65°17'2N	007°18'2E	Transocean Prospect
	66°03'6N	008°10'7E	Stena Don

NOTES:

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

2. Cancel 102/02.

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

2. Cancel 103/02.

Cancel 054/02. ANM 652/02 refers.

III

(2) Navarea II (E Atlantic) 14th Week 4/4/02.

Edited Navarea II warnings in force 26/3/02: NIL.
095 to 105 received.

(3) Navarea III (Mediterranean) 14th Week 4/4/02.

Edited Navarea III warnings in force 26/3/02: 466/01, 552/01.
137 to 143 received.

(4) Navarea IV (NW Atlantic) 14th Week 4/4/02.

Edited Navarea IV warnings in force 26/3/02: 383/01.
093 to 103 received.

(5) Navarea V (W Atlantic) 14th Week 4/4/02.

Edited Navarea V warnings in force 26/3/02: 923/97, 568/98, 055/01, 1368/01.
073 to 240 received.

(6) Navarea VI (SW Atlantic) 14th Week 4/4/02.

Edited Navarea VI warnings in force 26/3/02: 101/01, 175/01.
076 to 096 received.

(7) Navarea VII (SE Atlantic) 14th Week 4/4/02.

Edited Navarea VII warnings in force 26/3/02: NIL.
033 and 034 received.

(8) Navarea VIII (Indian Ocean) 14th Week 4/4/02.

Edited Navarea VIII warnings in force 26/3/02: 388/00, 268/01, 497/01, 170/02.
Nil received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 14th Week 4/4/02.

Edited Navarea IX warnings in force 26/3/02: NIL.
Nil received.

(10) Navarea X (Australia, New Guinea) 14th Week 4/4/02.

Edited Navarea X warnings in force 26/3/02: 020/00.
Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 14th Week 4/4/02.

Edited Navarea XI warnings in force 26/3/02: NIL.
Nil received.

(12) Navarea XII (NE Pacific) 14th Week 4/4/02.

Edited Navarea XII warnings in force 26/3/02: 288/01.
079 to 084 received.

(13) Navarea XIII (NW Pacific) 14th Week 4/4/02.

Edited Navarea XIII warnings in force 26/3/02: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 14th Week 4/4/02.

Edited Navarea XIV warnings in force 26/3/02: NIL.
040 to 051 received.

III

(15) Navarea XV (SE Pacific) 14th Week 4/4/02.

Edited Navarea XV warnings in force 26/3/02: NIL.
026 and 027 received.

(16) Navarea XVI (E Pacific) 14th Week 4/4/02.

Edited Navarea XVI warnings in force 26/3/02: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 14th Week 4/4/02.

Edited Hydropacs in force 26/3/02: 1272/99, 1639/01, 1647/01, 496/02.
505 to 572 received.

(18) Hydrolants (Atlantic, Mediterranean) 14th Week 4/4/02.

Edited Hydrolants in force 26/3/02: 2002/98, 1581/00, 2659/01, 383/02, 513/02.
637 to 699 received.

[14/02]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 7 South America Pilot Volume III (2001 Edition)**Peru – Malabrigo — Dolphins; wreck**

322

Paragraph 10.182 1 lines 3–4 *Replace by:*

...a number of offshore dolphins lying up to 8 cables N of the jetty, and connected to the shore by submarine pipelines for transporting fish, as shown on the plan.

Paragraph 10.184 1 line 3 *Replace by:*

...NW respectively off the head of the jetty. A dangerous wreck lies 2¼ cables N of the jetty.

Peruvian Notice 10/102/01

(HH. 643/480/02)

[14/02]

NP 9 Antarctic Pilot (1997 Edition)**Larsen Harbour — Depth; anchorage**

116

Paragraph 3.65 1 lines 8–9 *Replace by:*

... is a depth of 3.1 m (10 ft). A safe anchorage lies NE of Fairway Rock in depths of about 12 m (39 ft), rocks and boulders. Anchorage or landing is not recommended in Williams Cove due to dense kelp beds and poor holding ground. A pass over a low coll leads S from Larsen Harbour into Esbensen Bay.

HMS *Endurance*

(HH. 090/976/01)

[14/02]

NP 18 Baltic Pilot Volume I (2001 Edition)**Sweden W coast – Göteborg – Göta Älv — Channel depth**

87

Paragraph 3.331 2 line 2 *For* 9.3 m *Read* 8.5 m

Swedish 4/41/02

(HH. 317/550/03)

[14/02]

NP 20 Baltic Pilot Volume III (2000 Edition)**Skelleftehamn — Buoyage; maximum authorised draught**

451

Paragraph 11.65 2 line 2 *For* 9.8 m *Read* 9.3 m

452

Paragraph 11.79 5 line 3 *Replace by:*

...marked by light-buoys (S cardinal and port hand) and buoys (W cardinal and port hand).

453

Paragraph 11.86 2 line 7 *For* 9.8 m *Read* 9.3 m

Swedish Notice 8/96/02

(HH. 318/610/02)

[14/02]

NP 31 China Sea Pilot Volume II (2001 Edition)**Borneo north-west coast — Wreck**

60

Paragraph 2.19 1 line 5 *Replace by:*

...3°47'N, 110°50'E), thence:

Clear of a dangerous wreck (3°39'N, 111°03'E).

Sarawak Chart 3

(HH. 553/550/03)

[14/02]

NP 44 Malacca Strait and West Coast of Sumatera Pilot (1987 Edition) — Supplement 5–1999**Batu Berhanti to north-west of Tanjung Babi — directions**

210

R 4–11 *Replace by:*

From NNW of Batu Berhanti (1°11'N, 103°53'E) the E-going traffic lane continues in a generally E direction for 13 miles into the precautionary area, passing (with positions from Tanjung Sengkuang (1°10'5N, 104°01'5E)):

NNW of a gas pipeline laid parallel to and about 1 mile S of the traffic lane, and marked by 6 light-buoys (special), and:

SSE of Changi Naval Base (7 miles N), thence:

NNW of Tanjung Sengkuang, thence:

NNW of Pulau Nongsa (7.83) (3½ miles ENE), with Pulau Nongsa Light (metal framework structure, 40 m in height) 2 cables SSW.

DG Sea Comm

(HH. 522/400/07)

[14/02]

NP 58A Norway Pilot Volume IIIA (1982 Edition) — Supplement 8–2000**Narvik – Ore Quays 3 and 4 — Leading lights deleted**

221

L 19–24 *Delete*

Norwegian Notice 04/177/02

(HH. 310/560/03)

[14/02]

**NP 70 West Indies Pilot Volume I (1993 Edition) —
Supplement 2–1998**

**Dominican Republic – Regulations —
Anchorages**

5

R 51–54 *Replace by:*

Anchoring by foreign vessels within the territorial waters of the Dominican Republic is only authorised in designated charted anchorage areas. Vessels may request authorisation for anchoring elsewhere from Port Authorities or the Dominican Republic Navy. Foreign vessels anchoring or waiting off without authorisation are liable to substantial fines. Vessels claiming *force majeure* will have that claim verified by a boarding party.

Dominican Republic Notice 1–2001
(HH.676/410/02)

[14/02]

NP 71 West Indies Pilot Volume II (2000 Edition)

**Dominican Republic – Regulations —
Anchorages**

6

After Paragraph 1.51 Insert:

Dominican Republic — Regulations

1.51a

- 1* Anchoring by foreign vessels within the territorial waters of the Dominican Republic (1.113) is only authorised in designated charted anchorage areas. Vessels may request authorisation for anchoring elsewhere from Port Authorities or the Dominican Republic Navy. Foreign vessels anchoring or waiting off without authorisation are liable to substantial fines. Vessels claiming *force majeure* will have that claim verified by a boarding party.

68

After Paragraph 2.54 Insert:

Regulations

2.54a

- 1* **Anchoring** is only permitted in designated charted anchorages, see 1.51a.

69

After Paragraph 2.60 Insert:

Regulations

2.60a

- 1* **Anchoring** is only permitted in designated charted anchorages, see 1.51a.

Dominican Republic Notice 1–2001
(HH.676/410/02)

[14/02]

IV

[14/02]

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	220–221	Alabama – Mobile Ship Channel – Arlington Channel — Additional leading lights	08/02
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	150	Puerto de Cabañas — Leading lights established	12/00
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	168	Miami — Precautionary area	41/98
	175	Key West — Tidal streams; Leading lights	15/01
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	235	Oracabessa Bay — Leading lights discontinued	42/99
	237	Saint Ann’s Bay — Directions	19/99
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	133	Limetree Bay — Pilotage	15/01
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	191–192	Bahía de Ponce — Obstructions, wreck	02/02
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	212	Groot Baai — Pilot boarding position	07/02
	213	Approaches to Groot Baai — Wreck	47/00
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	297	Martinique – Fort de France — Submarine cable	07/01
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72	Southern Barents Sea and Beloye More		
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	79	Guba Drozdovka — Leading lights discontinued	46/00
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(HA. 905/008/001/14)

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AMENDMENTS TO FISHERMAN'S PILOT NP 150

Section 2

Admiralty List of Lights

Page 2–62

2282	-Lowestoft Roads. Claremont Pier	52 27.9 1 44.9	Oc WR 8s	5	W 8 R 6	White metal column 4	W223.8°–229.8°(6°), R229.8°–223.8°(354°). *
2332	NEWARP Lt V (T)	52 48.4 1 55.7	Fl W10s	12	16	Red hull, light tower amidships, with NEWARP in white	fl 0 2. Also shown in reduced visibility. Racon
	-	...	Horn 20s	...	...	...	bl 2 * *
2346	Sheringham	52 56.8 1 12.6		12	3	Red post 2	Fishing. Shown till 2030. Reported TE 2002 *
2571 6	-Yokefleet. Lts in line. Front. No 5	53 42.4 0 44.8	Q G	7	2	Green △ on white wooden framework tower 7	Transit to be used in conjunction with Reach depth information issued by the Port of Goole * *
2571 61	---Rear	53 42.5 0 44.7	Oc G 4s	...	...	...	PA * *
2571 65	---Front. Pile 8	53 42.3 0 45.1	Oc W 2s	...	...	...	PA. Transit to be used in conjunction with Reach depth information issued by the Port of Goole * *
2571 65 1	---Rear	53 42.4 0 45.0	Oc W 4s	...	...	...	PA * *
2810	Black Rocks Point. Bamburgh (T)	55 37.0 1 43.5	Oc(2)WRG 8s	12	W 14 R 11 G 11	White building 9	ec 1, lt 1, ec 1, lt 5. G122°–165°(43°), W165°–175°(10°), R175°–191°(16°), W191°–238°(47°), R238°–275°(37°), W275°–289°(14°), G289°–300°(11°). Shown 24 hours * *

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IVA

AMENDMENTS TO FISHERMAN'S PILOT NP 151

Section 2

Admiralty List of Lights

Page 2–110

3855 51	--- Head	60 08-1 1 17-0	Fl(3)R 8s	4	3	Grey metal pole	
		*	*				
3942	- Ormsay. Off N end (N)	57 09-1 5 46-5	Fl R 6s	8	4	White clad metal framework tower on stone column 8	<i>fl 0 5. Synchronized Fl W 6s 8m 5M shown from top of scaffold tower at N and S corners (T) 2002</i>
							*
4411	-Port Dornaige (C)	56 03-8 4 53-6	Fl W 6s	8	11	White column 4	<i>fl 0 7. Vis 206°–026°(180°)</i>
							*

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AMENDMENTS TO FISHERMAN'S PILOT NP 152

Section 2

Admiralty List of Lights

Page 2–95

4413 6	- Strone (A)	56 07.7 4 49.2	Fl G 3s	3	3	Green metal post	<i>fl 0 3.</i> Destroyed (T) 2002 *
4592	-Cairn Point	54 58.5 5 01.8	Fl(2)R 10s	14	12	White tower with balcony 15	<i>fl 0 14, ec 2 36, fl 0 14, ec 7 36</i> *
4904							
4929 3	-Church Tower (RCC)	53 44.3 2 59.3	Iso W 6s	29	12	...	Vis 226°–266°(40°). <i>See A4928</i> *
5317 8	-Quay 2 and 3. Ldg Lts 195°. Front	51 41.8 4 57.1	F G	4	4	White U, black stripe	TE 2002 *
5317 81	---Rear. 40m from front	51 41.7 4 57.1	F G	10	4	White U, black stripe	TE 2002 *
6033	-Entrance Ldg Lts 184°19'. No 11. Front	54 49.6 5 47.7	Oc W 4s	6	12	White, red stripe, on red pile structure	<i>ec 1.</i> Vis 5° either side of leading line *
6094 5	-Greencastle. S Breakwater. Dir Lt 042.5°	55 12.1 6 59.1	Fl(2)WRG 3s	4	W 11 R 9 G 9	3	G307°–040°(93°), W040°–045°(5°), R045°–055°(10°). (P) 2002 *
6095	<i>Remove from List</i>						
6095 1	<i>Remove from List</i>						
6413 5	- Spoil Ground	52 08.1 10 16.5	2 F G(vert)	5	2	5	*

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AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2002/03. Weekly Edition No. 14, Dated 4th April, 2002.

Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

0708-8	- Floating Dock Jetty. NE corner	50 48·6 1 05·7	2 F G(vert)				
*	*	*	*	*	*	*	*
0708-81	-- NW corner	50 48·6 1 05·6	2 F G(vert)				
*	*	*	*	*	*	*	*
KNOCK JOHN CHANNEL							
2050-35	-	51 31·3 1 04·0	Fl(5)Y 20s	5	...	Yellow × on yellow pillar with platform	
*	*	*	*	*	*	*	*
2123	- Northfleet Hope. Black Shelf Barge Roads	51 28·2 0 19·1	Fl Y 2·5s	...	...	Collar barge hulk	<i>fl 0·2</i>
			*				*
2325	North Scroby	52 40·2 1 47·2	Fl(5)Y 20s	10	5	Platform	On N and S side
	-	...	Fl R 5s	50	3	Mast	Reported TE 2002
					50		*
2363	- Approach Channel. Stylemans	52 52·6 0 23·2	Q G	...	...	Green beacon	Tide gauge. Ra refl
*	*	*	*	*	*	*	*
2363-5	<i>Remove from List</i>						
2916·5	Inchcolm. E Point (FP)	56 01·7 3 17·8	Fl(3)W 15s	20	10	Grey metal framework tower	<i>(fl 0·5, ec 1·5) × 2, fl 0·5, ec 10·5. Partially obscured by land 075°-145·5°(70·5°)</i>
	--		Horn(3) 45s				<i>(bl 1·5, si 1·5) × 2, bl 1·5, si 37·5</i>
							*
3942	- Ornsay. Off N end (N)	57 09·1 5 46·5	Fl R 6s	8	4	White clad metal framework tower on stone column	<i>fl 0·5</i>
					8		*
5491	Royal Portbury. Ldg Lts 193°28'. Front	51 30·0 2 43·7	Q Bu	6	10	White mast	Vis 183·5°-203·5°(20°). Leads through Shoots Channel. TE 2002
					10		*
5658-2	- Perch	50 12·0 5 26·0	Fl R 4s				
*	*	*	*	*	*	*	*
5658-23	--	50 11·8 5 26·2	F G				
*	*	*	*	*	*	*	*
5661	- Carnew Weir	50 11·4 5 26·0	Q G				
			*				

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Volume C, 2001/02. Weekly Edition No. 14, Dated 4th April, 2002.

Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

2590	- Bug. W Mole. Head	54 35·5 13 14·0	Iso R 4s	5	5	Red framework tower 3	F R on chimney 0·5M N
							*
2590·5	-- E Mole. Head	54 35·6 13 14·1	Iso G 4s				
*	*		*	*	*	*	*
2718·5	-- Bridge. N side. W end	53 50·6 14 37·2	Oc G 4s	3	...	Green column	<i>ec 1.</i> Synchronized with Oc R 4s
	---- E end		... Oc R 4s	3	...	Red column	<i>ec 1.</i> Synchronized with Oc G 4s
*	*		*	*	*	*	*
2718·6	--- S side. W end	53 50·6 14 37·2	Oc G 4s	3	...	Green column	<i>ec 1.</i> Synchronized with Oc R 4s
	---- E end		... Oc R 4s	3	...	Red column	<i>ec 1.</i> Synchronized with Oc G 4s
*	*		*	*	*	*	*
2768·8	<i>Remove from List</i>						
2770	- Basen BTP. N side	53 28·1 14 36·1	Iso G 2s	6	3	Green mast	
			*	*	*	*	
2770·2	-- S side	53 28·1 14 36·1	Iso R 2s	6	3	Red mast	
*	*		*	*	*	*	*
2772·2	--- S side	53 28·0 14 36·1	Iso G 2s	6	3	Green mast	
*	*		*	*	*	*	*
2772·3	<i>Remove from List</i>						
2814·5	-- No 104	53 24·7 14 36·8	Fl R 4s	8	3	Red dolphin and gallery	<i>fl 1</i>
*	*		*	*	*	*	*
2828·2	--- E end	53 24·5 14 36·3	F G	7	2	Column	
*	*		*	*	*	*	*
2828·6	<i>Remove from List</i>						

Volume D, 2001/02. Weekly Edition No. 14, Dated 4th April, 2002.

Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

1532·6	--- Submerged Mole. Head	43 18·6 2 59·0	Fl(2+1)R 15s	11	2	Red metal tripod, green band 8	<i>fl 0·5, ec 1·5, (fl 0·5, ec 6) x 2</i>
							*
1541	- Jetty	43 24·9 3 25·2	Fl G 5s	...	2	Green post	<i>fl 0·5</i>
			*				*
1546	- Ldg Lts 283°30', Muelle del Pasaje. Front	43 26·4 3 27·6	Fl W 2s	5	8	Black ▽ on metal framework	<i>fl 0·5.</i> Fl W 7s marks pier 425m E
						*	*

V

Volume D *continued.*

1699-8	- Puerto de Lorbe. Ensenada de Cirno. Dique. Head	43 23·5 8 17·7	Fl(2)G 10s	9	5	Green round tower 6	<i>fl 1, ec 2, fl 1, ec 6</i>
							*
1735	- Camelle. Dir Lt 248·5°	43 11·3 9 05·4	Dir F WRG	...	W 5 R 3 G 3	White column	G241·85°-246·85°(5°), W246·85°-250·15°(3·3°), R250·15°-255·15°(5°)
*	*	*	*	*	*	*	*
1735·1	-- Basin. Head	43 11·3 9 05·2	Fl(2)G 7s	...	5	Concrete round tower	<i>fl 0·5, ec 1·5, fl 0·5, 4·5</i>
*	*	*	*	*	*	*	*
1735·2	-- Fishing Wharf. Head	43 11·2 9 05·3	Fl(3)G 9s	...	3	Truncated pyramidal tower	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i>
*	*	*	*	*	*	*	*
1791	- PUERTO DE NOYA. N Breakwater. Head	42 47·7 8 54·5	Fl(2)R 7s	3	5	White masonry tower 6	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5. TE 2002</i>
							*
1791·2	-- S Breakwater. Head	42 47·6 8 54·5	Fl(2)G 7s	3	5	White masonry tower 6	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5. TE 2002</i>
							*
1913	- Commercial Wharf. Head	42 07·3 8 50·6	Q R	6	1	Red tower 2	<i>fl 0·5</i>
							*
1920·5	- Breakwater. Head	41 54·1 8 52·8	Fl(2)R 7s	11	5	Red truncated conical tower 3	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i>
							*
2059·2	- Triângulo. N	40 38·9 8 44·0	Fl G 3s	4	7	White round tower, green band 4	<i>fl 1. TE 2002</i>
							*
2827·92	-- Contradique. Head	28 24·0 16 19·3	Fl R 2s	3	3	Red post 2	<i>fl 1</i>
			*			*	*

Volume E, 2001/02. Weekly Edition No. 14, Dated 4th April, 2002.

Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

0095	-- Dique Sur. Head	36 50·0 2 29·0	Fl(4)G 10·5s	10	3	Green truncated tower 5	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4.</i> TE 2002
							*
4050	- Pórtó Kágio	36 26·0 22 29·5	Fl W 5s	20	8	White round hut 2	<i>fl 0·5</i>
	*					*	*

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Volume E *continued*.

4051	- Órmos Melingáni	36 30·5 22 29·5	Fl G 3s	14	4	Metal tower on white pedestal, green band 5	<i>fl 0·3</i>	
						*		*
4897	Örencikkayasi	40 57·7 27 53·8	Fl R 6s	9	10	Concrete tower 5	<i>fl 1</i>	
			*			*		*
4898	- Ereğli	40 58·1 27 57·7	Fl W 10s	53	16	White stone tower and dwelling 6	<i>fl 0·4</i>	
			*			*		*
6071·5	- NW Quay	19 37·2 37 13·5	F R	5	3	Red and white metal framework tower		
*	*		*	*	*	*		*
6072·5	-	19 37·4 37 13·4	Fl(2)R 5s	4	3	Red and white metal framework tower		
*	*		*	*	*	*		*
6073	-	19 37·4 37 13·4	Fl(3)W 15s	...	3	Red metal framework tower, white bands		
*	*		*	*	*	*		*

Volume F, 2001/02. Weekly Edition No. 14, Dated 4th April, 2002.

Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

1693·9	-- Pulau Cula	1 02·4 103 42·7	Fl(3)W 15s	16	12	White beacon	<i>(fl 0·3, ec 3·35) x 2, fl 0·3, ec 7·4</i>	
								*
	JOHOR							
1737·3	- Tg Pengelih. Jetty. S Head	1 22·6 104 05·4	Fl G 3s					
*	*		*	*	*	*		*
1737·31	--- N Head	1 22·7 104 05·5	Fl R 3s					
*	*		*	*	*	*		*
3714·85	Ningbo Gang. Yang dong. No 4	29 56·2 121 51·1	Fl W 4s	10	3	3		
*	*		*	*	*	*		*
4136	Soch'ông Do	37 45·4 124 43·9	Fl(4)W 40s	81	20	White round concrete tower 10	Vis 254°-205°(311°). 2 F W(vert) on tower 12·5M N	
	-	...	Siren 45s	...	...	...	<i>bl 5. TD 2002</i>	
								*
4192·5	- Ferry Wharf. No A	35 58·5 126 37·8	Fl(4)Y 8s	6	6	Yellow round GRP tower 4		
*	*		*	*	*	*		*

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Volume F *continued.*

4192-55	-- No B	35 58-5 126 37-9	Fl(4)Y 8s	6	6	Yellow round GRP tower 4	
*	*	*	*	*	*	*	*
4193-3	- N Breakwater	35 58-5 126 29-6	Fl(2)G 6s	21	8	White round concrete tower 20	Racon
				*	*	*	*
4193-5	- Myŏngam. Breakwater. Head	35 59-1 126 31-6	Fl W 5s	13	8	Green round metal tower 13	
							*
4254-355	- Moseulpo. W Breakwater	33 12-2 126 15-6	Fl(2)G 6s	9	6	White round metal tower 8	
*	*	*	*	*	*	*	*
4400	Songdaemal	35 48-3 129 30-8	AlFl WR 34s	34	W 16 R 16	White square concrete tower 21	Vis 197°-014°(177°)
	-	...	Siren 50s	...	...	...	bl 5
	*	*	*	*	*	*	*
4400-01	-	35 48-2 129 30-8	F W	30	...	White round concrete tower 14	Vis 301°-309°(8°). Illuminates rock
*	*	*	*	*	*	*	*
4947-8	-- Jetty. Head	33 16-5 131 39-6	Mo(U)W 8s	7	10	...	Vis 159°-019°(220°)
			*				*
4947-82	--- 60m from head	33 16-5 131 39-6	Mo(U)W 8s	...	...	...	Vis 165°-018-5°(213-5°)
			*				
6354	Ken Saki	35 08-5 139 40-6	AlFl(2+1)WWG 30s	40	W 24 G 24	White 8-sided concrete tower 17	Vis 207°-075°(228°). Ramark
			*				
7890	Mys Ratmanova	50 40-4 143 41-5	Fl W 3s	...	9		
			*				

Volume G, 2001/02. Weekly Edition No. 14, Dated 4th April, 2002.
Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

0780	-- Fishing Quay	33 06-7 58 18-9	Fl WR 5s	...	...	...	fl 0-5. R087°-179°(92°), W179°-267°(88°)
			*				*

Volume H, 2001/02. Weekly Edition No. 14, Dated 4th April, 2002.
Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

0141	Green Island. Brook	51 24-0 56 31-4	Fl R 4s	5	4	Mast	Seasonal
		*		*	*	*	*

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Volume H *continued.*

0289-5	Seal Cove. Breakwater	47 29-2 56 03-0	Fl G 4s	5	4	Mast	3	
			*					
0511-1	- Long Cove Wharf	47 34-0 53 40-0	Fl R 4s	...	2	Mast	2	
*	*	*	*	*	*	*	*	*
0511-2	- Thornlea	47 36-4 53 43-1	Fl R 4s	...3	4	Mast	2	Seasonal
*	*	*	*	*	*	*	*	*
0532	- Elliston Wharf	48 38-0 53 02-1	Fl R 4s	...	2	Mast	2	
*	*	*	*	*	*	*	*	*
0540-5	-- Wharf	48 34-1 53 20-0	Fl G 4s	...	2	Mast		
*	*	*	*	*	*	*	*	*
2049-5	- ODAS IML-4	48 40-0 68 35-0	Fl(5)Y	...	...	Yellow superbuoy		
*	*	*	*	*	*	*	*	*
2347-5	- Marina. Breakwater. Head	46 40-8 71 52-6	Fl W 4s	...	...	On monument		Seasonal. Private
*	*	*	*	*	*	*	*	*
4081	- ODAS	45 12-3 66 01-1	Fl(5)Y	...	...	Yellow superbuoy		
*	*	*	*	*	*	*	*	*

Volume K, 2002/03. Weekly Edition No. 14, Dated 4th April, 2002.

Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

1931	<i>Remove from List</i>							
1931-1	Yarraville Shoal (co)	33 17-0 137 35-0	Fl(3)W 15s	11	10	White GRP hut on white pile with platform and white □	(fl 1, ec 2) x 2, fl 1, ec 8. Ra refl	*
3738-7	- Matakana River. E Entrance Point	36 23-8 174 44-6	Q W	4	5	White post		*

Volume L, 2002/03. Weekly Edition No. 14, Dated 4th April, 2002.

Last Amendment: Weekly Edition No. 13, dated 28th March, 2002.

0004	- Utvær	61 02-3 4 30-7	Fl W 30s	44	18	Red tower	31	Vis 294°-267°(333°). Shown 9/7-28/5
					*	*	*	*
0019	-- Daleøy. S end. Fengskjær	61 02-4 4 44-6	Oc(2)G 8s	5	6	Lantern on piles		Vis 296°-176°(240°). Shown 9/7-28/5
					*			

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Volume L *continued.*

2414	- Kalvskjæret	66 44·2 13 28·1	Iso WRG 6s	5	W 6 R 4 G 4	White lantern on beacon	W279°-294°(15°), R294°-335°(41°), G335°-347°(12°), W347°-351°(4°), R351°-088°(97°), W088°-095°(7°), G095°-194°(99°), W194°-202°(8°), R202°-205°(3°), W205°-212°(7°), G212°-229°(17°). Shown 1/8-5/5
							*
4546·5	- N Breakwater. Head	64 55·6 23 15·1	Fl G 3s	10	... Post	3	*

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AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 14 dated 4 April 2002

VOLUME 1, 2001/02—PART 2

Published Wk 31/01

(Last Amendments: Weekly Edition No. 10 dated 7 March 2002)

Page 23, **ANTARCTICA**, insert station:

Base Arturo Prat (CBZ) (Chile) 62°29'S 59°41'W

NOTE: This station accepts limited public correspondence

1. GMDSS

Digital Selective Calling (DSC)

MMSI 007250460

Distress and Safety

Sea Areas: A1: Ch 70

A2: 2187.5

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

2. RT (MF)

Transmits	Receives	Hours of Watch
2182	2182	H24
2738	2738	

3. RT (HF)

4146	4146	
4417 (421)	4125	1200-2200

4. VHF

Ch 16	Ch 16	H24
Ch 09 14	Ch 09 14	

Armada de Chile (HH080/026/06 - E34) 14/01

VOLUME 2, 2002/03

Published Wk 6/02

(Last Amendments: Weekly Edition No. 13 dated 28 March 2002)

RADIOBEACONS AND RADIO DIRECTION-FINDING STATIONS

Page 8, **INTRODUCTION**, after line 16, insert:

NOTE: With the increased use of GPS and DGPS, it would appear that the use of Marine Radiobeacons has significantly declined. Therefore, Marine Radiobeacons will no longer be corrected by Section VI of the Notice to Mariners for Volume 2 of the Admiralty List of Radio Signals. The Marine Radiobeacons currently listed in Volume 2 will be removed at the next New Edition, 2003/04.

(United Kingdom Hydrographic Office) 14/02

VI

RADAR BEACONS

Page 82, **UNITED KINGDOM** section:

51760 Winterton Old Lighthouse

Delete station and replace by:

Winterton Church Tower Racon 52°42'·92N 1°41'·21E **51760**
(3 & 10 cm) 360° 10 n miles T

Trinity House Notice 9/02 B3 (HH242/540/14 - E1) 14/02

LEGAL TIME

Page 189, **Pakistan**, delete entry and replace by:

Pakistan	-05	-06	Sat before first Sun in April	Sat before first Sun in Oct
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OAG (HH080/030/08 - E87) 14/02

VOLUME 6, 2001/02—PART 1

Published Wk 41/01

(Last Amendments: Weekly Edition No. 13 dated 28 March 2002)

Page 153, **UNITED KINGDOM, KING'S LYNN**

Pilots and Port, PROCEDURE, (4) (a), delete Bull Dog Bn and replace by:

Abeam No 5 Lt buoy

Capt Bailey, Deputy Harbour Master, King's Lynn (HH080/001/23 - E41) 14/02

Page 195, **UNITED KINGDOM, POOLE**

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

(4) Pilot boards in position 50°39'·12N 1°55'·00W.

Poole Harbour Commissioners (HH232/560/13 - E31) 14/02

VOLUME 6, 2001/02—PART 3

Published Wk 41/01

(Last Amendments: Weekly Edition No. 13 dated 28 March 2002)

Page 157, **NIGERIA**, after **ODUDU MARINE TERMINAL** entry, insert new entry:

OKONO MARINE TERMINAL

3°57'N 7°17'E

Pilots and Terminal

CALL: Okono Terminal or FPSO Jamestown (YJQC7)

LOCATION: FPSO Jamestown (3°57'·4N 7°17'·5E)

TELEPHONE: Inmarsat: +871 357631010

FAX: Inmarsat: +871 357631011

TELEX: Inmarsat C: 457631011

E-MAIL: jamestown@singlebuoy.com

Continued on next column

FREQUENCY: Ch 08, (Ch 72 during operations)

HOURS: H24

PROCEDURE:

(1) Pilotage is compulsory and is available HJ until 1500LT.

(2) Vessels should send ETA 72h, 48h, 24h and 4h in advance to terminal. The 72h message should contain the following information:

(a) Vessel's name and call sign

(b) ETA

(c) Cargo requirements

(d) Deballast time

(e) Maximum loading rate in barrels per hour

(f) Estimated draught on arrival

(g) If any sickness onboard or clean bill of health

(h) Last port of call

(i) Port of destination

(j) Summer deadweight

(k) Port of Registry/Country

(l) Master's name

(m) Any hull, bulkhead, valve or pipe-line leaks on vessel which could negatively affect loading or cause pollution

(n) Distance in metres from bow to the tankers loading manifold and from port rail to manifold

(o) Confirm that the vessel is fitted with a bow chain stopper

(p) Advise if bow chain stoppers are suitable for terminals 76mm mooring chain

(q) Acceptance and Compliance with these OKONO Terminal User Regulations and Procedures

(3) Pilot boards in the anchorage 2 n miles north of the FPSO Jamestown

OIM FPSO Jamestown (HH440/180/11 - E7) 14/02

VI

VOLUME 6, 2001/02—PART 4

Published Wk 41/01

(Last Amendments: Weekly Edition No. 13 dated 28 March 2002)

Page 249, **RUSSIA (Pacific Coast)**, before **VLADIVOSTOCK** entry, insert new entry:

VITYAZ MARINE TERMINAL

52°42'N 143°33'E

Pilots and Terminal

CALL: Molikpaq Radio

LOCATION: Floating Storage and Offloading tanker Okha

TELEPHONE: Inmarsat: +872 327330610

FAX: Inmarsat: +872 327330614

TELEX: Inmarsat C: +582 427320450

FREQUENCY: Platform: Ch 16 6

Terminal: Ch 16 11

2182 kHz RT

HOURS: H24

PROCEDURE:

(1) Pilotage is compulsory. The Mooring Master serves as the pilot.

(2) Vessels should send ETA 7 days, 3 days, 48h, 24h and 12h in advance. Significant changes in ETA should be sent at any time.

(3) Pilot boards in position 52°41'·57N 143°39'·06E (3·5 n miles E of the terminal).

NOTE: Terminal normally operates in the ice-free season between 20th May and 20th December.

UKHO (HH300/180/02 - E10) 14/02

VOLUME 8, 2002/03

Published Wk 11/02

(Last Amendments: Weekly Edition No. 13 dated 28 March 2002)

Page 54, **UNITED KINGDOM** section, insert station:

Stirling	56°04'·3N 4°03'·6W	285·5	100	693	443	200	Yes	Operational	3 6 7 9 16
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Commissioners of Northern Lights Notice 08/2002 (HH260/400/06 - E27) 14/02

HYDROGRAPHIC NOTE

(for instructions, see overleaf)

Date

Ref. No.

Name of ship or sender:

Address of sender:

.....

.....

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

General locality

Subject

Position. Lat Long

British Admiralty Charts affected Edition dated

Position fixing system used Datum set

Latest Weekly Edition of Notice to Mariners held

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

.....

Details:—

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

Signature of observer/reporter

HYDROGRAPHIC NOTE

Forwarding information for British Admiralty Charts and Hydrographic Publications

INSTRUCTIONS:—

1. Mariners are requested to notify the Hydrographer of the Navy, UK Hydrographic Office, Admiralty Way, Taunton, Somerset, TA1 2DN, United Kingdom, when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications seen to be necessary. The Mariner's Handbook (NP 100) Chapter 8 gives general instructions. The provisions of international and national laws should be complied with when forwarding such reports.
2. This form and its instructions have been designed to help both the sender and the recipient. It should be used, or followed closely, whenever appropriate.
Copies of this Form may be obtained gratis from the UK Hydrographic Office at the above address or principal Chart Agents (see Annual Notice to Mariners No. 2).
3. When a **position** is defined by sextant angles or bearings (true or magnetic being specified) more than two should be used in order to provide a check. Distances observed by radar and the readings of Loran, Decca, etc., should be quoted.
Latitude and longitude should only be used specifically to position the details when they have been fixed by astronomical observations or GPS and a full description of the method, equipment and datum (where applicable) used should be given.
4. A cutting from the largest scale chart is the best medium for forwarding details, the alterations and additions being shown thereon in red. When requested, a new copy will be sent in replacement of a chart that has been used to forward information, or when extensive observations have involved defacement of the observer's chart. If it is preferred to show the amendments on a tracing of the largest scale chart (rather than on the chart itself) these should be in red as above, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.
5. When **soundings** are obtained The Mariner's Handbook (NP 100) should be consulted. The echo sounding trace should be marked with times, depths, etc., and forwarded with the report. It is important to state whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given. Time and date should be given in order that corrections for the height of the tide may be made where necessary. The make, name and type of set should also be given.
6. Modern **echo sounders** frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:—
 - (a) the trace being weaker than normal for the depth recorded,
 - (b) the trace passing through the transmission line,
 - (c) the feathery nature of the trace.As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from charted depths.
7. Reports which cannot be confirmed or are lacking in certain details should not be withheld. Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
8. Reports of **shoal soundings**, uncharted dangers and navigational aids out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 30 metres or 15 fathoms may be of sufficient importance to justify a radio message.
9. **Port information** should be forwarded on Form H.102a together with Form H.102. Form H.102a lists the information required for Admiralty Sailing Directions and should be used as an *aide memoire*. Where there is insufficient space on the form an additional sheet should be used.
10. Reports on **ocean currents** should be made on Form H.568 (Sea surface current observations) in accordance with The Mariner's Handbook. This form is obtainable from the UK Hydrographic Office, Taunton, or principal Chart Agents.

Note.— An acknowledgement or receipt will be sent and the information then used to the best advantage which may mean immediate action or inclusion in a revision in due course. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received from other authorities. An explanation of the use made of contributions from all parts of the world would be too great a task and a further communication should only be expected when the information is of outstanding value or has unusual features.

HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

Name of ship or sender:

Address:

Ref. No.

.....

Date:

.....

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

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

Signature of observer/reporter