



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 35

29 August 2002

CONTENTS

- I** Explanatory Notes. Indexes to Section II
- II** Admiralty Notices to Mariners. Updates to Standard Navigational Charts
- III** Reprints of Radio Navigational Warnings
- IV** Amendments to Admiralty Sailing Directions
- V** Amendments to Admiralty Lists of Lights and Fog Signals
- VI** Amendments to Admiralty List of Radio Signals

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

I

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 update 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 5.0).

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).

NB: The NM database includes historical NM data dating from 1 January 2000. To check NM numbers prior to NM 2000, please see the Cumulative List of Notices to Mariners (NP234A–00) which is available from the Notices to Mariners Home Page.

Users can access the NM Website through the Searchable NM service www.nmwebsearch.com or via the UKHO corporate address: www.ukho.gov.uk

The presentation of the NM information displayed is exactly the same as appears in the paper versions.

ACCESS TO SEARCHABLE NOTICES TO MARINERS

This is a quick and easy to use service, as most of the information and instructions are displayed on each menu page.

Access by URL www.nmwebsearch.com

- This will take you to the Searchable NMs Home Page where there are two options:
 - Search for Notices to Mariners Chart updates
 - Search for Notices to Mariners Navigational Publications updates

For Navigational Charts:

- Click on the option you require and a further menu screen will open.
 - Search NMs by chart number only
 - Search NMs by Chart number + Previous NM/Year
 - Search NMs by Chart number between Previous and Present dates
 - Search for a single NM by NM/Year.
 - Search for Small Craft Leisure NM Corrections

To search by Chart number only:

- Enter chart number (with or without the appropriate prefix of suffixes from the 'drop down' menu) and click on 'next'.
- The screen will display a list of NMs for that particular chart from the latest edition:
 - NM number (in sequence from the latest NM to the oldest)
 - Date of publication (the date the NM was published)
 - Weekly Edition (The Weekly Edition in which the NM was published)
 - T/P/Perm (referring to the type of NM whether Temporary, Preliminary or Permanent)
- To view the NM click on 'View NM', and the NM will be displayed
- To view NM Notes and full-colour NM Blocks, click on 'View Note' or 'NM Block' and the Note or Block will be displayed.
- To modify your selection click 'back' or to select another chart, click 'next chart'

To search NMs by Chart number + Previous NM/Year

- Enter chart number (with or without the appropriate prefix of suffixes from the 'drop down' menu).
- Enter the previous NM number and the year from the 'drop down' menu and click on 'next'.
- The NMs will be displayed and can be viewed and printed as described above.

To Search NMs by Chart number between Previous and Present dates:

- Enter chart number (with or without the appropriate prefix of suffixes from the 'drop down' menu)
- Enter the day, month and year from the 'drop down' menus and click on 'next'
- The NMs will be displayed and can be viewed and printed as described above.

To Search for a single NM by NM/Year.

- Enter the NM number and the year from the 'drop down' menu and click on 'next'.

I

To Search for Small Craft Leisure NM Corrections

- Enter SC chart number (with or without the appropriate suffixes from the 'drop down' menu) and click on 'next'.
- The screen will display a list of all NMs for that particular chart. (NB. The NMs should only be applied to the latest edition of the SC Chart)
- The NMs will be displayed and can be viewed and printed as described above.

To go to a different search criteria menu, click on the yellow buttons on the left hand side of the screen.

For Navigational Publications

- Click on the option you require and a further menu screen will open.
 - Search NP Updates by NP number + suffix (if applicable from the 'drop down' menu)
 - Search NP Updates by NP number + Previous NM/Year

To search by NP number only:

- Enter the NP number (with or without the appropriate suffixes from the 'drop down' menu) and click on 'next'.
- The screen will display a list of NMs for that particular Publication from the latest edition:
 - Weekly Edition (The Weekly Edition in which the NM was published)
 - Date of publication (the date the NM was published)
 - View NM
- To view the NM, click on 'View NM', and the NM will be displayed
- To view NP Diagrams click on 'View Diagram' and the diagram will be displayed.
- To modify your selection click 'back' or to select another chart, click 'next publication'

To search NMs by NP number + Previous Week/Year

- Enter the NP number (with or without the appropriate suffixes from the 'drop down' menu).
- Enter the previous Weekly NM number and the year from the 'drop down' menu and click on 'next'.
- The NMs will be displayed and can be viewed and printed as described above.

ACCESS TO NOTICES TO MARINERS~ON~LINE~

Access by URL: www.ukho.gov.uk

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*
 - *Searchable NMs*
 - *NM Feedback Form*
- Click on the Option you require and from the NM Home Page, and a further information page will open giving a brief explanation of each NM Service.
- Access to the Notices themselves is achieved by clicking on the File references (shown in Blue) below text on each information page.
- Click on the File you wish to view, and a series of digital NM Files will be displayed.
- Open the NM File(s) of your choice and read/print the information as required.
- To view another NM service option or return to the NM Home Page, click on the menu at in the left-hand side of the page.

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

www.ukho.gov.uk/notices_to_mariners.html

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

I

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.

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.

Searchable NMs

For details of access to nmwebsearch.com, See the earlier paragraph relating to nmwebsearch.

NM Feedback Form.

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

I

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.
- 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.5030

Fax: +44 (0) 1823 251815

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

This digital form of Admiralty Notices to Mariners is published by the UK Hydrographic Office (UKHO) and is accepted by the UK Maritime & Coastguard Agency (MCA) for the purposes of complying with the carriage requirement for Notices to Mariners under Regulation 20 of the Safety of Life at Sea (SOLAS) Convention and the Merchant Shipping (Carriage of Nautical Publications) Regulations 1998.

Whilst the UKHO guarantees the accuracy and reliability of the Notices to Mariners information at the moment of first publication, the UKHO does not accept any responsibility whatsoever for the accuracy and /or reliability of the information as displayed or printed on the user's equipment.

© British Crown Copyright. All rights reserved.

Admiralty Notices to Mariners may not be sold, either in whole or part, reproduced, stored in a retrieval system or transmitted in any form by any means, electronic, mechanical, photocopying, recording or otherwise without prior permission of the Crown. Prior Permission to reproduce Admiralty Notices to Mariners should be sought from the Copyright Manager at the United Kingdom Hydrographic Office, Admiralty Way, Taunton, TA1 2DN, United Kingdom.

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.

I

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.

GEOGRAPHICAL INDEX

(1)	Admiralty Publications and Miscellaneous	2.1 – 2.9
(2)	British Isles	2.9 – 2.11
(3)	North Russia, Norway, The Faeroe Islands and Iceland	2.11 – 2.12
(4)	Baltic Sea	2.12 – 2.13
(5)	North Sea and North and West Coasts of Denmark, Germany, Netherlands and Belgium	2.13
(6)	France and Spain, North and West Coasts, and Portugal	2.13 – 2.14
(7)	North Atlantic Ocean	
(8)	Mediterranean and Black Seas	2.14 – 2.15
(9)	Africa, West Coast and South Atlantic	
(10)	Africa, South and East Coasts, and Madagascar	2.15
(11)	Red Sea, Arabia, Iraq and Iran	2.15 – 2.16
(12)	Indian Ocean, Pakistan, India, Sri Lanka, Bangladesh and Burma	2.16
(13)	Malacca Strait, Singapore Strait and Sumatra	2.16 – 2.18
(14)	China Sea with its West Shore and China	2.18
(15)	Japan	2.18 – 2.19
(16)	Korea and the Pacific Coasts of Russia	2.19 – 2.20
(17)	Philippine Islands, Borneo and Indonesia except Sumatra	2.20
(18)	Australia and Papua New Guinea	
(19)	New Zealand	
(20)	Pacific Ocean	
(21)	Aleutian Islands, Alaska and West Coast of North America including Mexico	2.20 – 2.21
(22)	West Coasts of Central and South America	
(23)	Antarctica	
(24)	East Coast of South America and the Falkland Islands	
(25)	Caribbean Sea, West Indies and the Gulf of Mexico	2.21 – 2.22
(26)	East Coast of North America and Greenland	2.22 – 2.23
(27)	T & P Notices	2.24 – 2.26

I

INDEX OF NOTICES AND CHART FOLIOS

Notice No.	Page	Admiralty Chart Folio	Notice No.	Page	Admiralty Chart Folio
PL	2.1	1, 2, 3, 5, 6, 7, 13, 20, 45, 71, 72	3733	2.18	47
3683*	2.9	7	3734	2.18	52
3684	2.12	11	3735	2.18	52
3685	2.13	67	3736	2.18	55
3686	2.16	43	3737	2.18	53
3687*	2.16	45	3738	2.19	52, 53
3688	2.17	45	3739	2.19	53
3689	2.18	52	3740	2.19	53
3690*	2.9	7	3741	2.19	52
3691*	2.10	6	3742	2.19	52
3692*	2.10	6	3743	2.20	52
3693*	2.10	6	3744	2.20	48, 58
3694*	2.10	5	3745	2.20	58
3695*	2.10	4	3746	2.20	58
3696*	2.10	2	3747	2.20	59
3697*	2.10	2	3748	2.20	59, 60
3698*	2.11	1	3749	2.20	90
3699*	2.11	16	3750	2.20	90
3700*	2.11	1	3751	2.21	90
3701	2.11	14	3752	2.21	90
3702	2.12	14	3753	2.21	89
3703	2.12	14	3754	2.21	89
3704	2.12	13	3755	2.21	83, 85
3705	2.12	12	3756	2.21	83
3706	2.12	15	3757	2.21	83
3707	2.12	10	3758	2.21	83
3708	2.13	11	3759	2.22	83
3709	2.13	10	3760	2.22	83
3710	2.13	9	3761	2.22	83
3711	2.13	9	3762	2.22	83
3712	2.13	9, 16	3763	2.22	83
3713	2.13	9, 16	3764	2.22	83
3714	2.14	17	3765	2.22	81
3715	2.14	17	3766	2.22	81
3716	2.14	25	3767	2.23	81
3717	2.14	25	3768	2.23	81
3718	2.14	27	3769	2.23	81
3719	2.15	27	3770	2.23	81
3720	2.15	31	3771(P)/02	2.24	2
3721	2.15	29	3772(T)/02	2.24	—
3722*	2.15	30	3773(P)/02	2.25	13
3723*	2.15	36	3774(P)/02	2.25	6, 7, 13
3724*	2.15	32	3775(P)/02	2.25	25
3725*	2.16	32	3776(P)/02	2.26	45
3726*	2.16	32	3777(P)/02	2.26	45, 47
3727	2.16	32, 40	3778(T)/02	2.26	66
3728	2.17	45	3779	2.9	7, 20
3729*	2.17	45			
3730*	2.17	45			
3731*	2.18	45			
3732	2.18	42, 47			

INDEX OF CHARTS AFFECTED

('PL' indicates chart appears in List of Admiralty Publications immediately following this index)

Admiralty Chart No.	Notices	Admiralty Chart No.	Notices
2	3774P	2057	3695
15	3726	2147	3712
67	3732	2182C	3774P
106	3690	2182D	3774P
117	3706	2224	3684
127	3738	2304	3774P
288	3774P	2317	3701
292	3774P	2332	3701, 3702
294	3774P	2369	3709
301	3773P	2373	3725
333	3724	2374	3724
359	3738	2403	3777P
442	PL	2414	3732
532	3738	2420	3695
588	3754	2515	3692
591	3753	2529	3693
683	3719	2556	PL, 3688 3730, 3731, 3776P, 3777P
728	PL	2569	PL, 3688, 3777P
736	3683, 3779	2570	PL, 3688, 3776P, 3777P
807	3699	2585	PL, 3688, 3777P
808	3699	2586	PL, 3777P
825	3686	2587	PL, 3777P
848	3722	2598	PL, 3688, 3776P, 3777P
850	3722	2663	3714
851	3722	2667	3695
858	3707	2672	3774P
876	3734	2673	3774P
896	3742, 3743	2688	3709
898	3742	2748	3714, 3715
944	3685	2754	3769
951	3737	2813	3767
952	3739	2814	3767
953	3740	2825	3694
954	3740	2837	3727
1032	3723	2839	3751
1058	3721	2841	3694
1066	3748	2847	3727
1090	3708	2849	3752
1166	3697	2858	3727
1189	3716	2878	3696
1220	3755	2883	3727
1225	3755	2957	3739
1253	3689	2982	PL
1259	3741	3012	3748
1260	3735	3017	3748
1352	3712, 3713	3018	3773P
1353	3728	3019	3773P
1388	3736	3025	3773P
1398	3686	3037	3704
1408	3690	3040	3747
1458	3775P	3122	3750
1471	3718	3123	3749
1504	3690	3124	3749
1516	3770	3134	3779
1536	3690	3135	3779
1543	3690	3140	3699
1625	3721	3148	3763, 3764
1661	PL	3149	3762
1662	PL	3151	3760
1690	3779	3204	3768
1698	3700	3268	3710
1699	3779	3293	3691
1701	3717	3309	3723
1795	3694	3312	3720
1859	PL	3360	3740
1874	3711	3382	3759
1919	3733	3384	3758
1951	PL	3459	3768
2036	3698	3505	3703
2045	3698	3506	3703
2053	3771P		

INDEX OF CHARTS AFFECTED

('PL' indicates chart appears in List of Admiralty Publications immediately following this index)

Admiralty Chart No.	Notices	International Chart No.	Notices
3514	3738	INT 1701	PL
3515	3705	INT 1730	3698
3535	PL	INT 1736	3700
3536	PL	INT 1951	PL
3688	3765, 3766	INT 1952	PL
3788	3727	INT 3164	3716
3810	3746	INT 5355	3742, 3743
3811	3746	INT 5510	3733
3817	3744		
3818	3744		
3825	3745		
3831	3776P, 3777P		
3833	3776P, 3777P		
3850	3756, 3757		
3851	3761		
3854	3756, 3757		
3858	3760, 3761		
3944	3728		
3966	3732		
4030	PL, 3776P		
4031	PL, 3776P		
4032	PL, 3776P		
4035	3729		
4036	3730		
4037	3687, 3688, 3730, 3731		
4038	PL		
4039	PL		
4040	PL		
4041	PL		
4042	PL		
4043	PL		
4044	PL		
4140	3774P		
4705	3727		
5502	3688, 3776P, 3777P		
Australian Chart No.	Notices		
Aus 270	3778T		
New Zealand Chart No.	Notices		
NZ 53	PL		
NZ 71	PL		
NZ 72	PL		
NZ 73	PL		
International Chart No.	Notices		
INT 705	3727		
INT 1288	3709		
INT 1455	3710		
INT 1474	3711		
INT 1510	3690		
INT 1546	3683, 3779		
INT 1557	3690		
INT 1617	3695		
INT 1626	3694		
INT 1642	PL		
INT 1655	PL		

II

[35/02]

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 29 August 2002

Chart	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙728	Scotland - East Coast, River Forth, Rosyth. 56°00'·08N. — 56°01'·79N., 3°23'·27W. — 3°27'·99W. <i>Provides improved larger scale coverage of the port of Rosyth and Approaches. This chart is referred to a WGS84 compatible datum.</i>	1:5,000	7	24	£16·30
⊙1661 INT 1951	International Chart Series, Mauritania and Western Sahara, Nouadhibou to Nouakchott. 17°56'·0N. — 21°13'·0N., 15°53'·0W. — 18°15'·0W. <i>One of a series of new coastal charts providing additional coverage of West Africa at a scale of 1:350,000. The chart is referred to WGS84 datum. (A modified reproduction of INT 1951, originally published by France).</i>	1:331,000	20	48	£16·30
⊙1662 INT 1952	International Chart Series, Mauritania and Senegal, Nouakchott to Saint-Louis. 15°54'·0N. — 18°10'·5N., 15°54'·0W. — 19°22'·0W. <i>One of a series of new coastal charts providing additional coverage of West Africa at a scale of 1:350,000. The chart is referred to WGS84 datum. (A modified reproduction of INT 1952, originally published by France).</i>	1:336,000	20	48	£16·30
⊙3535	Norway - South West Coast, Lindesnes to Lista. 57°52'·50N. — 58°12'·50N., 6°17'·00E. — 7°06'·00E. <i>Providing improved coverage of the Approaches to Farsund and Listahamna. This chart is referred to WGS84 datum. (A modified reproduction of Norwegian Chart 11).</i>	1:50,000	13	2, 28	£16·30
⊙3536	Norway - South West Coast, Lista to Svåholmane. 58°03'·00N. — 58°23'·00N., 5°57'·50E. — 6°45'·50E. Ⓐ Rekeffjord. 58°19'·06N. — 58°20'·67N., 6°14'·91E. — 6°16'·02E. Ⓑ Fedafjorden. 58°12'·96N. — 58°16'·97N., 6°44'·41E. — 6°55'·92E. Ⓒ Kvinesdal Havn. 58°15'·96N. — 58°16'·77N., 6°52'·31E. — 6°53'·92E. Ⓓ Listahamna. 58°04'·96N. — 58°06'·67N., 6°33'·91E. — 6°36'·42E. <i>Providing improved coverage between Lista and Svåholmane, including plans of Rekeffjord, Kvinesdal Havn and Listahamna. This chart replaces plan Ⓓ Approaches to Rekeffjord and Jøssingham and plan Ⓔ Rekeffjord on Chart 2982. This chart is referred to WGS84 datum. (A modified reproduction of Norwegian Chart 12).</i>	1:50,000 1:20,000 1:50,000 1:10,000 1:20,000	13	2, 28	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 29 August 2002

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙1859 INT 1655	International Chart Series, England - West Coast, Port of Bristol. Ⓐ King Road. Ⓑ River Avon. Ⓒ City Docks. Ⓓ City Docks to Saint Anne's Bridge.	 1:10,000 1:10,000 1:5,000 1:25,000	2	16	£16·30
<i>Includes the latest survey information from the Bristol Port Company and Bristol City Docks for the plans of King Road and City Docks.</i>					
⊙1951 INT 1642	International Chart Series, England - West Coast, Approaches to Liverpool. <i>Includes changes to depths from the latest surveys from the Mersey Docks and Harbour Company.</i>	1:25,000	3	22	£16·30

Reproductions of New Zealand Government Charts

Chart	Published	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙NZ 53	1/03/02	New Zealand, North Island - East Coast, Bream Head to Slipper Island including Hauraki Gulf. <i>The chart is now referred to WGS84 datum and includes updated magnetic information.</i> <i>Note:</i> This chart remains affected by Former Notices 1314(T)/01, 4329(T)/01, 875(T)/02 and 2884(T)/02.	1:200,000	71	90	£16·30
⊙NZ 71	1/03/02	New Zealand, South Island - West Coast, Greymouth to Kahurangi Point. <i>The chart is now referred to WGS84 datum and includes updated magnetic information and changes to coastline.</i>	1:200,000	72	90	£16·30
⊙NZ 72	1/03/02	New Zealand, South Island - West Coast, Cape Foulwind to Heretaniwha Point. <i>The chart is now referred to WGS84 datum and includes updated magnetic information and changes to coastline.</i>	1:300,000	72	90	£16·30
⊙NZ 73	1/03/02	New Zealand, South Island - West Coast, Abut Head to Milford Sound. Jackson Bay.	1:300,000 1:50,000	72	90	£16·30
<i>The chart is now referred to WGS84 datum and includes updated magnetic information and changes to coastline.</i>						

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 26 SEPTEMBER 2002

New Admiralty Charts

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
4038	Malaysia and Singapore, Johor Strait - Western Part. $1^{\circ}10'80N$. — $1^{\circ}28'70N$., $103^{\circ}28'60E$. — $103^{\circ}40'70E$. Ⓐ Town Reach. $1^{\circ}24'90N$. — $1^{\circ}28'50N$., $103^{\circ}40'50E$. — $103^{\circ}46'30E$. Ⓑ Pelabuhan Tanjung Pelepas. $1^{\circ}21'20N$. — $1^{\circ}23'00N$., $103^{\circ}31'90E$. — $103^{\circ}33'50E$. <i>Part of a new series of 1:30,000 charts published jointly by the UK Hydrographic Office and the Maritime and Port Authority of Singapore, providing improved coverage of the approaches to Singapore and Tanjung Pelepas. New survey information has also been included.</i> CAUTION - CHANGES TO THE SINKI TRAFFIC SEPARATION SCHEME - NEED TO RETAIN CHARTS 2570, 2587 AND 2598 The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0001 UT 15th October 2002. Existing charts 2570, 2587 and 2598 should continue to be used until these changes are implemented.	1:30,000 1:30,000 1:15,000	2587, 2570, 2598
4039	Indonesia, Singapore and Malaysia, Western Approaches to Main Strait. $1^{\circ}01'50N$. — $1^{\circ}13'70N$., $103^{\circ}31'20E$. — $103^{\circ}49'00E$. <i>Part of a new series of 1:30,000 charts published jointly by the UK Hydrographic Office and the Maritime and Port Authority of Singapore, providing improved coverage of Singapore and its approaches. New survey information has also been included.</i> CAUTION - CHANGES TO THE SINKI TRAFFIC SEPARATION SCHEME - NEED TO RETAIN CHARTS 2556, 2570 AND 2598 The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0001 UT 15th October 2002. Existing charts 2556, 2570 and 2598 should continue to be used until these changes are implemented.	1:30,000	2598, 2570, 2556
4040	Singapore, Indonesia and Malaysia, Tuas View to Pulau Sakijang Bendera (S. John's Island). $1^{\circ}07'40N$. — $1^{\circ}19'60N$., $103^{\circ}34'10E$. — $103^{\circ}51'90E$. <i>Part of a new series of 1:30,000 charts published jointly by the UK Hydrographic Office and the Maritime and Port Authority of Singapore, providing improved coverage of Singapore and its approaches. New survey information has also been included.</i> CAUTION - CHANGES TO THE SINKI TRAFFIC SEPARATION SCHEME - NEED TO RETAIN CHARTS 2570, 2587 AND 2598 The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0001 UT 15th October 2002. Existing charts 2556, 2570 and 2598 should continue to be used until these changes are implemented.	1:30,000	2570, 2598, 2587

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 26 SEPTEMBER 2002

New Admiralty Charts (continued)

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
4041	Singapore and Indonesia, Pulau Sebarok to Changi. 1°07'·40N. — 1°19'·60N., 103°46'·90E. — 104°04'·70E. Ⓐ Marina Bay. 1°16'·80N. — 1°18'·25N., 103°51'·15E. — 103°52'·90E. <i>Part of a new series of 1:30,000 charts published jointly by the UK Hydrographic Office and the Maritime and Port Authority of Singapore, providing improved coverage of Singapore and its approaches. New survey information has also been included.</i>	1:30,000 1:15,000	2585
4042	Indonesia, Malaysia and Singapore, Changi to Pulau Mungging. 1°09'·55N. — 1°21'·75N., 104°01'·70E. — 104°19'·50E. <i>Part of a new series of 1:30,000 charts published jointly by the UK Hydrographic Office and the Maritime and Port Authority of Singapore, providing improved coverage of Singapore and its approaches. New survey information has also been included.</i>	1:30,000	2569, 2585
4043	Malaysia and Singapore, Kuala Johor and Sungai Johor. 1°16'·10N. — 1°34'·00N., 103°57'·90E. — 104°10'·00E. <i>Part of a new series of 1:30,000 charts published jointly by the UK Hydrographic Office and the Maritime and Port Authority of Singapore, providing improved coverage of Singapore and its approaches. New survey information has also been included.</i>	1:30,000	2585, 2586, 2569
4044	Singapore and Malaysia, Johor Strait - Eastern Part. 1°19'·00N. — 1°31'·20N., 103°45'·60E. — 104°03'·40E. Plan Ⓐ Serangoon Harbour. 1°22'·80N. — 1°24'·70N., 103°56'·70E. — 103°59'·60E. Plan Ⓑ Johor Port. 1°25'·20N. — 1°27'·86N., 103°51'·60E. — 103°55'·70E. Plan © Sembawang. 1°27'·50N. — 1°29'·10N., 103°48'·90E. — 103°50'·50E. <i>Part of a new series of 1:30,000 charts published jointly by the UK Hydrographic Office and the Maritime and Port Authority of Singapore, providing improved coverage of the approaches to Singapore and Johor Port. New survey information has also been included.</i>	1:30,000 1:12,500 1:17,500 1:10,000	2586, 2585

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 26 SEPTEMBER 2002

New Editions of Admiralty Charts

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
442 INT 1701	International Chart Series, English Channel, Lizard Point to Berry Head. <i>Includes changes to depths from the latest British Government Surveys, and the addition of firing practice areas and the International Maritime Boundary for the United Kingdom and France.</i>	1:150,000	442 INT 1701
4030	Port of Singapore, West Jurong Anchorages and Fairways. <i>To include changes to Sinki Traffic Separation Scheme and buoyage.</i> CAUTION: CHANGES TO THE SINKI TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0001 UT 15th October 2002. <i>Note:</i> The chart number of the previous edition (dated 27th September 2001) is to be changed to X4030; it will be corrected independently and withdrawn shortly after the implementation date.	1:10,000	4030
4031	Port of Singapore, South Jurong Island and its Approaches. <i>To include changes to Sinki Traffic Separation Scheme and buoyage.</i> CAUTION: CHANGES TO THE SINKI TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0001 UT 15th October 2002. <i>Note:</i> The chart number of the previous edition (dated 27th September 2001) is to be changed to X4031; it will be corrected independently and withdrawn shortly after the implementation date.	1:10,000	4031
4032	Port of Singapore, Sinki Fairway. <i>To include changes to Sinki Traffic Separation Scheme and buoyage.</i> CAUTION: CHANGES TO THE SINKI TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0001 UT 15th October 2002. <i>Note:</i> The chart number of the previous edition (dated 27th September 2001) is to be changed to X4032; it will be corrected independently and withdrawn shortly after the implementation date.	1:10,000	4032

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>
1859 INT 1655	International Chart Series, England - West Coast, Port of Bristol.	⊙1859 INT 1655
1951 INT 1642	International Chart Series, England - West Coast, Approaches to Liverpool.	⊙1951 INT 1642
NZ 53	New Zealand, North Island - East Coast, Bream Head to Slipper Island including Hauraki Gulf.	⊙NZ 53
NZ 71	New Zealand, South Island - West Coast, Greymouth to Kahurangi Point.	⊙NZ 71
NZ 72	New Zealand, South Island - West Coast, Cape Foulwind to Heretaniwha Point.	⊙NZ 72
NZ 73	New Zealand, South Island - West Coast, Abut Head to Milford Sound.	⊙NZ 73

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE TO BE TRANSFERRED TO A WGS84 COMPATIBLE DATUM IN SEPTEMBER 2002

The following chart will be transferred to a WGS84 compatible datum in September 2002 on the publication date indicated. This chart will be included in the ARCS series.

September 12: East Coast of Scotland - 190.

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE PROVISIONALLY SCHEDULED TO BE TRANSFERRED TO A WGS84 COMPATIBLE DATUM BETWEEN OCTOBER 2002 AND DECEMBER 2002

The following charts are provisionally scheduled to be transferred to a WGS84 compatible datum between October 2002 and December 2002. It should be noted that actual publication dates are subject to priorities within the UKHO and could be later than those indicated.

October 2002: East Coast of Scotland - 210, 1407; Shetland - 3295.

November 2002: Loch Fyne - 2381, 2382; Inverness - 1078.

December 2002: Firth of Clyde - 1867, 1906, 1907, 2383.

This list will be up-dated in Weekly 40, 3 October 2002.

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

⊙ denotes chart available in the ARCS series.

II

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

The following is the current list of Admiralty Charts of Great Britain that are referred to a WGS84 compatible datum. Charts transferred on 29 August are shown in bold type. Former Notice 4731(P)/00 refers.

⊙18	⊙777	⊙1406	⊙1828	⊙2037	⊙2631
⊙26	⊙871	⊙1408	⊙1834	⊙2041	⊙2642
⊙28	⊙883	⊙1410	⊙1835	⊙2044	⊙2655
⊙30	⊙1076	⊙1411	⊙1859	⊙2045	⊙2656
⊙31	⊙1148	⊙1413	⊙1866	⊙2052	⊙2693
⊙32	⊙1149	⊙1438	⊙1882	⊙2093	⊙2695
⊙34	⊙1152	⊙1446	⊙1892	⊙2094	⊙2696
⊙105	⊙1156	⊙1464	⊙1900	⊙2151	⊙2793
⊙106	⊙1160	⊙1478	⊙1901	⊙2154	⊙2841
⊙107	⊙1161	⊙1481	⊙1902	⊙2172	⊙2878
⊙108	⊙1164	⊙1482	⊙1934	⊙2175	⊙3164
⊙109	⊙1165	⊙1484	⊙1951	⊙2253	⊙3271
⊙111	⊙1166	⊙1491	⊙1953	⊙2255	⊙3272
⊙121	⊙1167	⊙1503	⊙1967	⊙2268	⊙3273
⊙129	⊙1168	⊙1504	⊙1970	⊙2290	⊙3274
⊙134	⊙1169	⊙1512	⊙1971	⊙2345	⊙3275
⊙147	⊙1176	⊙1536	⊙1972	⊙2449	⊙3284
⊙148	⊙1178	⊙1543	⊙1973	⊙2450	⊙3294
⊙152	⊙1179	⊙1552	⊙1975	⊙2451	⊙3297
⊙154	⊙1182	⊙1594	⊙1977	⊙2454	⊙3298
⊙156	⊙1183	⊙1606	⊙1978	⊙2482	⊙3315
⊙160	⊙1185	⊙1607	⊙1981	⊙2484	⊙3319
⊙175	⊙1186	⊙1609	⊙1991	⊙2565	⊙3337
⊙323	⊙1187	⊙1610	⊙1994	⊙2566	⊙3418
⊙442	⊙1188	⊙1612	⊙2000	⊙2567	⊙3478
⊙536	⊙1190	⊙1613	⊙2007	⊙2571	⊙3490
⊙728	⊙1191	⊙1626	⊙2010	⊙2572	⊙3497
⊙733	⊙1192	⊙1627	⊙2011	⊙2610	⊙3683
⊙734	⊙1200	⊙1634	⊙2013	⊙2611	⊙3741
⊙735	⊙1267	⊙1652	⊙2021	⊙2615	⊙3746
⊙736	⊙1320	⊙1698	⊙2022	⊙2625	⊙3750
⊙737	⊙1344	⊙1826	⊙2035	⊙2628	
⊙741	⊙1346	⊙1827	⊙2036	⊙2629	

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

⊙ denotes chart available in the ARCS series.

II

NOTICES TO MARINERS WEEKLY BULLETIN – SUBSCRIPTION FEE

As announced in Weekly 21/2002, Mariners are reminded that a Subscription Fee for the Paper Admiralty Notices to Mariners is being introduced. The fee will be £2.00 per subscription copy, per user/vessel, per week. Unless previously notified to the contrary, all recipients will be invoiced £2.00 for each paper Weekly Notices to Mariners bulletin and £2.00 for each bi-annual edition of the Cumulative List of Notices to Mariners supplied from the date of introduction of the new scheme.

The scheme will now commence on 1st January 2003, instead of 1st October 2002, to align with the supply contract commencement date preferred by the majority of Distributors and their clients.

The purpose of the £2.00 levy is:

- to promote faster delivery of important navigational information
- to reduce the amount of paper distributed worldwide each week
- to encourage more use of the free access Website.

It is anticipated that the UKHO Website will become the primary means of distribution of Notices to Mariners, and access will continue to be free of charge for the foreseeable future. The new levy will be used to defray the expenditure on paper, printing and binding of the paper version only.

Please note that the Weekly Notices to Mariners and associated publications are available without subscription from the UKHO Website, www.ukho.gov.uk and through the new searchable Notices to Mariners service www.nmwebsearch.com.

Those interested in access to other forms of Electronic Distribution and anyone with any queries on the above should contact:

Roger Teale
Senior Product Manager
UK Hydrographic Office
Admiralty Way
Taunton
Somerset
TA1 2DN
Tel: +44 (0) 1823 723362 or +44 (0) 1823 337900 Extension 3718
e-mail: roger.teale@ukho.gov.uk
Fax: +44 (0) 1823 334917

II

3779 MISCELLANEOUS UPDATES TO CHARTS

Chart	Previous Update	Details
736 INT 1546	3683/02	Insert magenta limit and chart number, 728, joining the following positions: 56° 01'·79N., 3° 27'·99W. 56° 01'·79N., 3° 24'·91W. 56° 00'·72N., 3° 23'·27W. 56° 00'·08N., 3° 23'·27W. 56° 00'·08N., 3° 27'·99W.
1690	3359/00	Plan ⑥: Insert accompanying note, CHART 1662: POSITIONS, centred on 16°00'·80N., 16°35'·30W. Plan ⑥: Insert accompanying note, CHART 1661: POSITIONS, centred on 21°04'·70N., 17°38'·30W.
1699	2002/97	Insert accompanying note, CHART 1661: POSITIONS, centred on 20°34'·14N., 16°57'·42W.
3134	3608/02	Insert magenta limit and chart number, 1661, as follows: North: 21° 13'·0N. East: 15° 53'·0W. South: — West: 18° 15'·0W. Insert magenta limit and chart number, 1662, as follows: North: 18° 10'·5N. East: 15° 54'·0W. South: — West: 19° 22'·0W. Delete magenta limit and chart number, 1699, in position 20° 52'·0N., 17° 13'·0W. Delete magenta limit and chart number, 1688, in position 18° 40'·0N., 16° 17'·0W.
3135	3273/00	Insert accompanying note, CHARTS 1661 AND 1662: POSITIONS, centred on 11°42'·0N., 24°10'·0W. Insert magenta limit and chart reference, 1661 (<i>see Note—POSITIONS</i>), as follows: North: — East: 15° 53'·0W. South: 17° 56'·0N. West: 18° 15'·0W. Insert magenta limit and chart reference, 1662 (<i>see Note—POSITIONS</i>), as follows: North: 18° 10'·5N. East: 15° 54'·0W. South: 15° 54'·0N. West: 19° 22'·0W. Delete magenta limit and chart number, 1688, in position 17°42'·0N, 16°36'·0W.

UK Hydrographic Office.

3683* SCOTLAND, East Coast — River Forth — Rosyth — Dolphins; Lights; Coastline; Depths; Drying heights; Buoy; Dredged areas

Insert the accompanying block, showing new dolphins and lights and amendments to coastline, depths, drying heights, buoy and dredged areas, centred on: 56° 01'·16N., 3° 26'·06W.

Chart [*Last correction*].— **736** (INT 1546) [3220/02]

Light List Vol. A, 2002/03, 2944.2, 2944.4

Forth Ports plc (HH.264/450/06).

3690* ENGLAND, East Coast — Approaches to Great Yarmouth and Lowestoft — Stanford Channel, Corton Sand Northwards and Cockle Shoal — Depths; Buoyage

Insert	depth 6m	(a) 52° 27'·38N., 1° 47'·23E.
	depth 5 ₆ m	(b) 52° 27'·54N., 1° 47'·25E.
	depth 4m	(c) 52° 35'·08N., 1° 46'·79E.
	depth 4 ₃ m and extend 5m contour N. to enclose	(d) 52° 35'·26N., 1° 46'·73E.
	depth 5 ₆ m	(e) 52° 35'·43N., 1° 46'·76E.
	N. cardinal pillar light–buoy, VQ Whis N Scroby	(f) 52° 41'·46N., 1° 46'·39E.
	port–hand can light–buoy, FL.R.2·5s Hemsby	(g) 52° 41'·83N., 1° 45'·89E.
Delete	depth 6 ₃ m	(h) close SW. of (a) above
	depth 6m	(i) close N. of (b) above
	depth 4 ₇ m	(j) close SW. of (c) above
	depth 5 ₇ m	(k) close SW. of (d) above
	former Hemsby light–buoy	(l) 52° 41'·84N., 1° 44'·71E.
	former N Scroby light–buoy	(m) 52° 42'·53N., 1° 44'·66E.

Note: **Positions** on all 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*].— **1536** (INT 1557) (**plan C, Approaches to Lowestoft**) (*a,b,h,i*) & **1536** (INT 1557) (*b–g,i–m*) [2770/02] — **1543** (*c,d,f,g,j,l,m*) [3445/02] — **106** (*m*) [1801/02] — **1504** (INT 1510) (*f,m*) [3335/02] — **1408** (*f,m*) [3335/02]

Naval Party 1016 (*mv Confidante*) and Trinity House (HH.242/540/15).

II

3691* SHETLAND ISLANDS — Unst, North Coast — Balta Harbour — Buoy

Insert starboard-hand conical light-buoy, *FL.G.5s* 60° 45'·44N., 0° 48'·86W.

Chart [*Last correction*].— **3293 (plan, Balta Sound)** [2900/02]
Shetland Islands Council Notice 13/02 (HH.270/410/06).

3692* SCOTLAND, West Coast — Outer Hebrides — Isle of Lewis — Loch Roag — Marine farm

Insert symbol, marine farm 58° 12'·04N., 6° 51'·86W.

Chart [*Last correction*].— **2515** [1793/02]
The Crown Estate (HH.272/700/04).

3693* SCOTLAND, West Coast — Outer Hebrides — Isle of Lewis — Loch Erisort — Rubh a'Chleirich Southeastwards — Marine farm

Insert symbol, marine farm 58° 05'·51N., 6° 32'·62W.

Chart [*Last correction*].— **2529** [2169/02]
The Crown Estate (HH.272/770/05).

3694* SCOTLAND, West Coast — Outer Hebrides — North Uist — Loch Maddy — Landmark

Delete symbol radio mast, MAST (54) 57° 36'·17N., 7° 09'·81W.

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

Chart [*Last correction*].— **2825 (plan, Loch Maddy)** [2862/01] — **2841** [548/02] — **1795** (INT 1626) [3447/02]
Mr J. Hallam and Comhairle nan Eilean Siar (HH.272/740/04).

3695* IRELAND, West Coast — Clew Bay — Buoy

Substitute W. cardinal pillar light-buoy, *Q(9)15s Cloughcormick*, for Cloghcormick buoy 53° 50'·6N., 9° 43'·2W.

Chart [*Last correction*].— **2057** [1117/01] — **2667** [890/01] — **2420** (INT 1617) [654/02]
Commissioners of Irish Lights Notice 10/02 (HH.292/410/04).

3696* WALES, South-West Coast — Linney Head Southeastwards — Firing practice area

Substitute the accompanying note, FIRING PRACTICE AREA, for existing note, centred on: 51° 43'·7N., 5° 07'·1W.

Delete limit of firing practice area, pecked line, and associated legend, FIRING PRACTICE AREA (D114) (see Note), centred on: 51° 36'·5N., 5° 01'·5W.

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*].— **2878** [4768/01]
Civil Aviation Authority (HH.202/155/07).

3697* ENGLAND, West Coast — Bristol Channel — River Severn — Dun Sands — Firing practice area

Delete limit of firing practice area, pecked line, and associated legend, FIRING PRACTICE AREA (X5109) (see Note), centred on:
 legend, New Passage Rifle Range (see Note), centred on:
 note, FIRING PRACTICE AREA

(a) 51° 35'·2N., 2° 39'·8W.
 (b) 51° 34'·4N., 2° 39'·1W.
 (c) within title panel

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*].— **1166 (plan A, Avonmouth to Severn Bridge) (a,b) & 1166 (c)** [2905/02]
Civil Aviation Authority (HH.202/155/07).

II

3698* ENGLAND, South Coast — The Solent and Isle of Wight — Ryde Middle and Ryde Pier Westwards — Beacon; Buoy; Fog signal

Substitute port-hand beacon with topmark for port-hand can buoy 50° 44'·27N., 1° 09'·86W.
Delete fog signal, Bell, at S Ryde Middle light-buoy,
(chart 2045, fog signal, Bell, at starboard-hand
conical light-buoy) (a) 50° 46'·13N., 1° 14'·15W.

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*].— **2036** (INT 1730) [2628/02] — **2045** (a) [3453/02]
Queen's Harbour Master, Portsmouth (HH.232/600/08).

3699* CHANNEL ISLANDS — Guernsey — Approaches to Saint Peter Port and Saint Sampson — Depths

Insert depth 2₈ m enclosed by 5m contour,
(charts 807 and 808, depth 2₈ m and extend 5m contour
NW. to enclose) (a) 49° 28'·151N., 2° 31'·031W.
depth 3₆ m enclosed by 5m contour (b) 49° 28'·271N., 2° 30'·399W.
depth 7₈ m and extend 10m contour E. to enclose (c) 49° 28'·48N., 2° 30'·20W.
depth 4₁ m and extend 5m contour E. to enclose (d) 49° 28'·75N., 2° 29'·90W.
depth 2₆ m (e) 49° 29'·05N., 2° 29'·41W.
depth 1₄ m enclosed by ○ (f) 49° 29'·11N., 2° 29'·82W.
depth 3m and extend 5m contour N. to enclose (g) 49° 29'·30N., 2° 29'·80W.
depth 1₆ m enclosed by ○ (h) 49° 29'·18N., 2° 29'·94W.
Delete depth 8₂ m (i) close S. of (a) above
depth 2₅ m (j) close E. of (a) above
depth 4m (k) close S. of (e) above
depth 6₄ m (l) close NW. of (g) above
depth 5₂ m (m) close W. of (h) above.

Chart [*Last correction*].— **3140** (a,b,i) [2269/02] — **807** (a-h,j-m) [2200/01] — **808** (a-h,j-m) [761/02]
States of Guernsey Harbours (HH.256/430/02).

3700* ENGLAND, South Coast — Dover — Outer Harbour — Depths

Insert depth 6₃ m 51° 07'·576N., 1° 20'·260E.
depth 7₄ m 51° 07'·520N., 1° 20'·337E.
depth 6₄ m 51° 07'·493N., 1° 20'·264E.
depth 7₇ m (a) 51° 07'·043N., 1° 19'·727E.
depth 7₈ m 51° 07'·024N., 1° 20'·010E.
depth 9₇ m enclosed by 10m contour 51° 06'·776N., 1° 19'·736E.
Delete depth 8₈ m close W. of (a) above

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

Chart [*Last correction*].— **1698** (INT 1736) [1213/02]
Dover Harbour Board (HH.242/410/09).

3701 NORWAY, North Coast — Varangerfjorden — Vadsø Southeastwards to Langbuneset Southwards — Depths

Insert depth 66m and extend 100m contour SW. to enclose (a) 70° 02'·52N., 29° 49'·16E.
depth 10m enclosed by 10m contour (b) 70° 04'·03N., 30° 02'·96E.
depth 5₅m (c) 70° 04'·19N., 30° 03'·55E.
depth 14m (d) 70° 03'·70N., 30° 04'·02E.
depth 20m enclosed by 20m contour (e) 70° 03'·13N., 30° 05'·61E.
depth 18m and extend 20m contour E. to enclose,
(chart 2317, depth 18m and extend 20m contour
SE. to enclose) (f) 70° 04'·29N., 30° 12'·26E.
depth 20m enclosed by 20m contour (g) 70° 04'·49N., 30° 13'·47E.
depth 61m (h) 70° 05'·11N., 30° 19'·47E.
depth 18m enclosed by 20m contour (i) 70° 12'·31N., 30° 39'·28E.
Delete depth 7m (j) close W. of (c) above
depth 17m (k) close NW. of (d) above
depth 25m (l) close SE. of (e) above
depth 24m (m) close N. of (f) above
depth 84m (n) close NE. of (h) above
depth 23m (o) close NE. of (i) above

Chart [*Last correction*].— **2332** (plan, Approaches to Kirkenes and Vadsø) (a-h,j-n) [4970/00] — **2317** (d-f,i,k,l,n,o)
[3454/02]
Norwegian Chart 114 (HH.309/490/02).

II

3702 NORWAY, North Coast — Varangerfjorden — Otneset Northwards — Light

Amend sectors at light, Oc.WRG.24m5–3M, as follows: 69° 57'·90N., 29° 39'·50E.
W 332° – 337° (5°)
G 337° – 338° (1°)
 Remaining sectors unchanged

Chart [*Last correction*].— **2332 (plan, Approaches to Kirkenes and Vadsø)** [3701/02]

Light List Vol. L, 2002/03, 4260

Norwegian Chart 116 (HH.309/490/02).

3703 NORWAY, West Coast — Approaches to Rørvik — Lauvøya, North Coast — Light

Insert ★ *Q.R* 64° 56'·62N., 11° 19'·56E.

Chart [*Last correction*].— **3505** [3026/02] — **3506** [3026/02]

Light List Vol. L, 2002/03, 1925

Norwegian Notice 13/564/02 (HH.310/520/05).

3704 NORWAY, West Coast — Approaches to Florø — Seljestokk to Nekkøyosen — Lights

Amend range of light to, 8–6M (a) 61° 39'·98N., 4° 58'·82E.
 range of light to, 8–5M (b) 61° 39'·07N., 4° 58'·64E.
 range of light to, 10–7M (c) 61° 37'·690N., 4° 59'·565E.
 (d) 61° 36'·195N., 4° 58'·000E.
 range of light to, 6M (e) 61° 35'·868N., 4° 57'·460E.
 range of light to, 9–6M (f) 61° 34'·90N., 4° 56'·96E.

Chart [*Last correction*].— **3037 (plan, Florø Havn)** (c–e) & **3037** (a,b,d,f) [3439/02]

Light List Vol. L, 2002/03, 0313, 0316, 0320, 0330, 0332, 0334

Norwegian Chart 27 (HH.310/470/03).

3705 NORWAY, South–East Coast — Grimstad Southwards — Stangholmen — Light

Amend sectors at light, Fl(2)WRG.10s10m7–4M, as follows: 58° 17'·790N., 8° 35'·380E.
R 315° – 326° (11°)
G 326° – 335° (9°)
W 335° – 344·5° (9·5°)
 Remaining sectors unchanged

Chart [*Last correction*].— **3515 (plan, Rivinggabet)** & **3515** [2638/02]

Light List Vol. B, 2002/03, 2840

Norwegian Notice 13/547/02 (HH.311/680/03).

3706 FÆROE ISLANDS — Strömo, South–East Coast — Hoivig — Light

Amend range of light to, 7–5M 62° 01'·7N., 6° 44'·5W.

Chart [*Last correction*].— **117** [1356/02]

Light List Vol. L, 2002/03, 4394

Danish Notice 29/710/02 (HH.335/410/02).

3707 SWEDEN, West Coast — Southern Approaches to Göteborg — Fiskebäck — Buoy; Light

Substitute special spar light–buoy with topmark, *FL.Y.3s*,
 for ★ *Fl.R.3s* (occas) 57° 38'·68N., 11° 50'·66E.

Chart [*Last correction*].— **858** [2511/02]

Light List Vol. C, 2002/03, 0647

Swedish Notice 30/399/02 (HH.317/560/03).

3684 BALTIC SEA — Gulf of Finland — Helsinki — Kulosaari Southwards and Eastwards — Recommended tracks; Maximum authorised draughts; Lights; Beacons

Insert the accompanying block, showing amendments to
 recommended tracks, maximum authorised draughts, lights
 and beacons, centred on: 60° 10'·71N., 25° 00'·51E.

Chart [*Last correction*].— **2224** [2892/02]

Light List Vol. C, 2002/03, 5206.8, 5206.81

Finnish Notice 18/368/02 (HH.322/480/05).

II

3685 BALTIC SEA — Denmark, East Coast — Smålandsfarvandet — Guldborg Sund — Nykøbing — Coastline; Dredged areas; Buoyage; Depths

Insert the accompanying block, showing amendments to coastline, dredged areas, buoyage and depths, centred on: 54° 45'·90N., 11° 51'·85E.

Chart [*Last correction*].— **944 (plan A, Nykøbing)** [3247/01]

Danish Chart Correction 27/194/02 (HH.333/620/04).

3708 BALTIC SEA — Gulf of Finland — Russia — Approaches to Vyborg — Mys Ostryy Southwards to Dybovy — Lights; Buoy

Amend	light to, <i>Fl.G.2s9m</i> , (plan C, <i>Fl.G.2s9m2M</i>)	(a)	60° 37'·38N., 28° 33'·57E.
	light to, <i>Fl.R.2s6m</i> , (plan C, <i>Fl.R.2s2M</i>)	(b)	60° 38'·40N., 28° 34'·64E.
	light to, <i>Fl.R.2s6m</i> , (plan C, <i>Fl.R.2s6m2M</i>)	(c)	60° 38'·48N., 28° 35'·23E.
	light to, <i>Fl.G.2s6m2M</i>	(d)	60° 40'·19N., 28° 38'·89E.
Move	port-hand can buoy from:	(e)	60° 36'·63N., 28° 32'·64E.
	to:	(f)	60° 36'·698N., 28° 32'·402E.

Chart [*Last correction*].— **1090 (plan D, Vysotsk)** (*a-c,e,f*) & **(plan C, Vyborg and Approaches)** (*a-d*) [3127/02]

Light List Vol. C, 2002/03, 5521, 5523, 5528, 5539.4

Russian Notices 30/4528–4529/02 & 30/4532/02 (HH.304/620/03).

3709 BALTIC SEA — Poland — Zatoka Pucka — Jastarnia Southwestwards — Wreck

Substitute	⊙ <i>Wk</i> , least depth 7 ₉ m for ⊙ <i>Wk</i> , least depth 10 ₅ m	(a)	54° 40'·9N., 18° 38'·3E.
		(b)	54° 40'·8N., 18° 38'·3E.

Chart [*Last correction*].— **2688** (INT 1288) (*a*) [2913/02] — **2369** (*b*) [3460/02]

Polish Notice 27/409/02 (HH.323/460/03).

3710 GERMANY, North Sea Coast — Die Elbe — Mühlenberger Loch Westwards — Drying height

Insert drying height ≥ 4 m 53° 32'·69N., 9° 47'·32E.

Chart [*Last correction*].— **3268** (INT 1455) **(plan A, Die Elbe, Schulau to Teufelsbrück)** [3235/02]

German Notice 30/(21)48/02 (HH.328/570/04).

3711 NETHERLANDS — Westerschelde — Approaches to Vlissingen — Bankje van Zoutelande — Pole

Delete symbol, pole 51° 28'·94N., 3° 29'·43E.

Chart [*Last correction*].— **1874** (INT 1474) [3372/02]

Netherlands Notice 31/393/02 (HH.340/410/04).

3712 FRANCE, North Coast — Le Treport Northwestwards — Obstruction

Insert ⊙ *Obstn PA* 50° 06'·30N., 1° 19'·71E.

Chart [*Last correction*].— **1352 (plan, Le Treport)** [4784/01] — **2147** [3373/02]

UK Hydrographic Office (HH.351/460/03).

3713 FRANCE, North Coast — Fecamp — Les Charpentiers Northwestwards — Wreck

Insert ⊙ *Wk*, least depth 7m 49° 46'·375N., 0° 21'·883E.

Chart [*Last correction*].— **1352 (plan, Fecamp)** [3712/02]

UK Hydrographic Office (HH.351/470/02).

II

3714 FRANCE, West Coast — La Charente — Le Boyard to Rochefort — Depths; Beacons; Lights; Dredged depth; Leading line; Mooring buoys

Insert	depth 0 ₅ m and extend 3m contour E. to enclose	(a)	45° 59'·79N., 1° 12'·45W.
	depth 0 ₁ m	(b)	45° 59'·68N., 1° 12'·66W.
	depth 1 ₅ m and extend 3m and 5m contours E. to enclose, (chart 2663, depth 1 ₅ m and extend 5m contour E. to enclose)	(c)	45° 59'·52N., 1° 12'·18W.
	starboard—hand beacon with topmark	(d)	45° 57'·20N., 1° 03'·32W.
Amend	★ <i>Q.R</i>	(e)	45° 55'·05N., 0° 57'·76W.
	★ 2 <i>Fl.R.4s</i>	(f)	45° 55'·02N., 0° 57'·90W.
	★ 2 <i>Oc.4s</i>	(g)	45° 55'·01N., 0° 57'·89W.
	★ 2 <i>Fl.G.4s</i>	(h)	45° 55'·00N., 0° 57'·89W.
	★ <i>Q.G</i>	(i)	45° 54'·99N., 0° 57'·75W.
	dredged depth to, (6·0m), centred on:	(j)	45° 57'·00N., 0° 57'·22W.
	beacon, S	(k)	45° 57'·19N., 1° 03'·14W.
		(l)	45° 57'·19N., 1° 03'·21W.
	leading line, firm and pecked line, and associated legend, 088°	(m)	extending in direction 268° from (k) above
	⚓ PL52	(n)	45° 55'·02N., 0° 57'·80W.
Delete	⚓ PL53	(o)	45° 55'·02N., 0° 57'·63W.

Chart [*Last correction*].— **2748** (continuation to Tonnay–Charente) (*e–j,n,o*) & **2748** (*a–i,k–o*) [60/02] — **2663** (*c*) [3244/02]

Light List Vol. D, 2002/03, 1265.5, 1265.51, 1265.52
French Chart 7415 (HH.353/530/03).

3715 FRANCE, West Coast — La Charente — Port–des–Barques Northeastwards — Wreck

Insert	⚓ PA	45° 57'·26N., 1° 03'·26W.
--------	------	---------------------------

Chart [*Last correction*].— **2748** [3714/02]
French Chart 7415 (HH.353/530/03).

3716 MEDITERRANEAN SEA — Spain, South–East Coast — Ensenada de Mazarron — Beacons; Measured distance

Delete	beacon	(a)	37° 33'·2N., 1° 10'·0W. 37° 33'·3N., 1° 10'·1W.
	pecked line and associated legend, Measured Distance 1857,47m 104°–284°		extending in direction 284° from (a) above
	beacon	(b)	37° 34'·4N., 1° 11'·8W. 37° 34'·6N., 1° 11'·7W. 37° 34'·6N., 1° 13'·0W.
	pecked line	(c)	37° 34'·7N., 1° 12'·9W. extending in direction 194° from (b) above
	pecked line		extending in direction 194° from (c) above

Chart [*Last correction*].— **1189** (INT 3164) [3152/02]
Spanish Notice 29/528/02 (HH.361/470/03).

3717 MEDITERRANEAN SEA — Spain, East Coast — Puerto de Gandia — Outfall; Buoy

Insert	outfall joining:	38° 59'·48N., 0° 09'·25W.(shore)
		38° 59'·48N., 0° 08'·15W.
	black and yellow can buoy	(a) 38° 59'·73N., 0° 07'·77W. (a) above

Chart [*Last correction*].— **1701** [3475/02]
Spanish Chart 4752 (HH.361/540/03).

3718 MEDITERRANEAN SEA — Adriatic Sea — Slovenia — Koprski Zaliv — Wrecks; Recommended anchorage; Depth

Insert	○ <i>Wk</i> , least depth 13 ₇ m	45° 33'·20N., 13° 41'·85E.
	○ <i>Wk</i> , least depth 15m	45° 33'·23N., 13° 42'·61E.
	○ <i>Wk</i> , least depth 16 ₁ m	(a) 45° 34'·28N., 13° 42'·36E.
	○ <i>Wks</i> , least depth 17 ₂ m	45° 34'·80N., 13° 41'·60E.
Delete	⚓	45° 34'·80N., 13° 42'·60E.
	depth 18m	close S. of (a) above

Chart [*Last correction*].— **1471** [2812/02]
Slovenian Chart 01 (HH.379/400/03).

II

3719 MEDITERRANEAN SEA — Adriatic Sea — Croatia — Approaches to Dubrovnik — Rijeka Dubrovačka and Hr. Seka Velika — Light; Beacon; Bridge

- Insert  *Iso.2s50m5M* (a) 42° 40'·08N., 18° 05'·07E.
W. cardinal beacon 42° 39'·05N., 18° 03'·75E.
- Substitute bridge, double firm line, width 10m, for double pecked line, width 10m, (plan, Approaches to Dubrovnik, single firm line, for single pecked line), joining: (b) 42° 40'·14N., 18° 05'·01E.(shore)
(c) 42° 40'·01N., 18° 05'·13E.(shore)
- Delete legend, Bridge under construction (2001), centred on: 42° 40'·19N., 18° 04'·95E.
- Chart** [*Last correction*].— **683 (plan, Dubrovnik, Luka Gruž) & (plan, Approaches to Dubrovnik including Luka Gruž)** (a–c) [2201/02]
Light List Vol. E, 2002/03, 3601.7
Croatian Notices 5/3–4/02 (HH.377/430/02).

3720 BLACK SEA — Russia — Sochi — Vnutrennyy Mol — Jetty; Legend

- Substitute jetty, double firm line, width 10m, for double pecked line, width 10m, joining: 43° 34'·913N., 39° 43'·112E.
(shore)
(a) 43° 34'·902N., 39° 43'·083E.
close S. of (a) above
- Delete legend, Under const (1993)
- Chart** [*Last correction*].— **3312 (plan B, Sochi)** [685/02]
Russian Notice 29/4406/02 (HH.305/460/03).

3721 MEDITERRANEAN SEA — Aegean Sea — Turkey — Ildir Körfezi — Uçburun Sigliklari — Wreck

- Insert  38° 23'·00N., 26° 17'·40E.
- Chart** [*Last correction*].— **1625** [3053/02] — **1058** [2817/02]
Turkish Notice 15/132/02 (HH.390/470/03).

3722* MEDITERRANEAN SEA — Cyprus, South Coast — Dhekelia — Mooring buoys; Dolphins

- Insert  (a) 34° 58'·35N., 33° 45'·15E.
(b) 34° 58'·49N., 33° 45'·20E.
(c) 34° 58'·51N., 33° 45'·12E.
- Delete ☐ Dn PA (d) close SW. of (a) above
(e) close N. of (b) above
(f) close NW. of (c) above
☐ Dns PA (g) close SW. of (a) above
- Chart** [*Last correction*].— **848 (plan, Approaches to Larnaca)** (a–f) [2821/02] — **850** (a,g) [3054/02] — **851** (a,g) [2821/02]
Cyprus Ports Authority (HH.395/411/02).

3723* AFRICA, East Coast — Tanzania — Mafia Island Westwards — Buoyage

- Insert port–hand can light–buoy, *FL.R.10s* (a) 7° 58'·34S., 39° 35'·43E.
- Move N. cardinal pillar light–buoy, *Q*, from: (b) 7° 50'·30S., 39° 36'·00E.
to: (c) 7° 50'·25S., 39° 36'·15E.
special can light–buoy, *FL.Y.10s*, from: (d) 7° 52'·30S., 39° 38'·45E.
to: (e) 7° 52'·35S., 39° 38'·33E.
N. cardinal pillar light–buoy, *Q*, from: (f) 7° 50'·25S., 39° 36'·03E.
to: (g) (c) above
special can light–buoy, *FL.Y*, from: (h) 7° 52'·25S., 39° 38'·14E.
to: (i) (e) above
starboard–hand conical light–buoy, *FL.G*, from: (j) 7° 52'·96S., 39° 33'·55E.
to: (k) 7° 53'·13S., 39° 33'·62E.
port–hand can light–buoy, *FL.R*, from: (l) 7° 58'·60S., 39° 35'·28E.
to: (m) (a) above
- Delete port–hand can light–buoy, *Fl(3)R* (n) close SW. of (a) above
- Chart** [*Last correction*].— **1032** (a–e,n) [4380/00] — **3309** (f–m) [233/01]
Tanzania Harbour Authority (HH.463/420/03).

3724* RED SEA — Gulf of Suez — Morgan Oilfield to Tor Bank — Platform; Submarine pipeline

- Insert ☐ (lighted) (a) 28° 12'·76N., 33° 24'·07E.
submarine pipeline joining: (a) above
28° 10'·93N., 33° 27'·42E.
(platform)

Chart [*Last correction*].— **333** [2083/02] — **2374** [2083/02]
Light List Vol. E, 2002/03, 8285.5
Ports and Lighthouse Administration, Alexandria Nav Warning 10/02 (HH.476/181/02).

II

3725* RED SEA — Egypt — Gulf of Suez — Mersa Thelemet — Buoy

Insert starboard-hand conical light-buoy, *Fl.G.5s* 29° 02'·57N., 32° 38'·57E.

Chart [*Last correction*].— **2373** [3058/02]
Ports and Lighthouse Administration, Alexandria (HH.476/430/01).

3726* RED SEA — Saudi Arabia — Approaches to Jizān — Ra's at Ṭarfā' Westnorthwestwards — Buoy

Delete N11 light-buoy 17° 03'·6N., 42° 12'·6E.

Chart [*Last correction*].— **15** [3393/02]
Saudi Ports Authority Notice A332 (HH.480/440/03).

3727 ARABIA — Saudi Arabia — Approaches to Ra's al Ju'aymah — Buoy; Radar beacon; Light-float

Substitute safe water pillar light-buoy with topmark, *LFl.10s Juaymah*,
for Ju'aymah light-float,
(chart 2858, safe water pillar light-buoy with topmark,
LFl Juaymah, for Ju'aymah light-float) (a) 27° 12'·50N., 50° 38'·80E.
Delete light-float enclosed by (b) (a) above

Note: Radar beacon, *Racon(Z)*, remains unchanged.

Chart [*Last correction*].— **3788** (a) [1751/02] — **2883** (a) [3396/02] — **2837** (a) [3060/02] — **2847** (a) [3262/02]
— **2858** (a) [3262/02] — **4705** (INT 705) (b) [1962/02]
Light List Vol. D, 2002/03, 7421
Admiralty List of Radio Signals Vol. 2, 2002/03: 77740 (34/02)
M.E.N.A.S Notice 7/12/02 (HH.492/430/02).

3686 INDIAN OCEAN — Bay of Bengal — Andaman Islands — Manners Strait, Duncan Passage and Cinque Islands Eastwards — Depths; Coastline; Rocks; Firing practice area

Insert the accompanying block, showing amendments to
depths, coastline and rocks, centred on: (a) 11° 17'·67N., 92° 37'·60E
the accompanying note, FIRING PRACTICE AREA,
centred on: (b) 11° 03'·80N., 92° 13'·23E
(c) 14° 26'·60N., 91° 46'·30E
legend, *FIRING PRACTICE AREA* (*see Note*),
between: (d) 11° 22'·00N., 93° 02'·60E
(e) 11° 04'·20N., 93° 02'·60E
(f) 11° 20'·80N., 93° 07'·00E
(g) 11° 00'·80N., 93° 07'·00E
(h) 11° 14'·44N., 92° 30'·90E
(i) 11° 19'·84N., 92° 32'·10E.
Substitute depth 112 m (j) 11° 18'·80N., 92° 36'·45E.
depth 186 m and extend 20m contour N. to enclose (k) 11° 19'·60N., 92° 36'·22E.
depth 159 m and extend 20m contour S. to enclose
depth 37 m for depth 55 m (l) close E. of (j) above
Delete depth 22m (m) close S. of (h) above
depth 15m

Chart [*Last correction*].— **1398** (a,b,d,e) [1227/00] — **825** (c,f-m) [3168/02]
Indian Chart 4030 (HH.509/410/03).

3687* SINGAPORE STRAIT — Singapore — Keppel Terminal, Tanjong Pagar Terminal and Pulau Sakijang Pelepah — Dredged depths: Light

Insert the accompanying block, showing amendments to dredged
depths, centred on: 1° 16'·030N., 103° 50'·495E.
Amend dredged depth to, *10·0m* (2002) 1° 15'·954N., 103° 49'·778E.
1° 15'·901N., 103° 49'·690E.
dredged depth to, *10·1m* (2002) 1° 15'·849N., 103° 49'·597E.
dredged depth to, *9·8m* (2002) 1° 15'·801N., 103° 49'·515E.
light to, *Aero F.R.15M* 1° 13'·354N., 103° 51'·245E.

Chart [*Last correction*].— **4037** [3071/02]
Light List Vol. F, 2001/02, 1698.2
Maritime and Port Authority, Singapore Notices DBNM 7/30–33/02 (HH.521/405/06).

II

3688 SINGAPORE STRAIT — Singapore — Changi, Angler Bank, Tuas View Southwestwards, Pulau Pawai Southwestwards and Marina East Southwards — Anchorage areas

Insert	the accompanying block, showing changes to anchorage areas and associated table, Abbreviations of Anchorage Names, centred on: limit of anchorage area, pecked line joining:	(a) 1° 16'·25N., 103° 43'·05E. (b) 1° 20'·86N., 104° 03'·03E. (c) 1° 20'·17N., 104° 03'·73E. (d) 1° 20'·17N., 104° 03'·00E. (e) 1° 20'·38N., 104° 02'·80E.
	legend, <i>Changi Barge Temporary Holding</i> ⚓, (chart 5502, legend, ACBTH) limit of anchorage area, pecked line joining:	(f) within (b)–(e) above (g) 1° 10'·65N., 103° 42'·05E. (Port limit) (h) 1° 11'·11N., 103° 42'·38E. (i) 1° 10'·43N., 103° 42'·89E. (j) 1° 10'·17N., 103° 42'·70E. (Port limit)
	legend, <i>Sudong Explosives</i> ⚓ limit of anchorage area, pecked line joining:	(k) within (g)–(j) above (l) 1° 18'·37N., 104° 03'·55E. (existing limit) (m) 1° 18'·88N., 104° 03'·55E. (n) 1° 18'·89N., 104° 04'·12E. (existing limit) (o) 1° 18'·39N., 104° 04'·62E. (existing limit)
Delete	legend, <i>Man-of-War</i> ⚓, (chart 5502, legend, AMOW) former limit of anchorage area, pecked line, and associated legend, Tuas Explosives Lighters ⚓, centred on: former limit of anchorage area, pecked line, and associated legend, Tuas Explosives ⚓, centred on: former limit of anchorage area, pecked line, and associated legend, Man-of-War ⚓, (chart 5502, legend, AMOW), joining:	(p) within (l)–(o) above (q) 1° 16'·63N., 103° 36'·50E. (r) 1° 16'·00N., 103° 36'·73E. (s) 1° 17'·00N., 103° 53'·31E. (t) 1° 16'·59N., 103° 53'·31E. (N. border) (u) 1° 16'·51N., 103° 53'·31E. (v) 1° 16'·51N., 103° 54'·45E.

Note: The above amendments have been included in New Editions of Charts 3831 and 3833 published 22 August 2002.
Former Notices 1908(P)/02 and 1909(P)/02 are cancelled.

Chart [*Last correction*].— **4037** (t–v) [3687/02] — **2556** (s,u,v) [3066/02] — **2569** (b–f,l–p) [3072/02] — **2570** (g–k,q,r) [3069/02] — **2585** (b–f,l–p) [3072/02] — **2598** (g–k) [3066/02] — **5502** (panel, Singapore and Singapore Strait) (a–f,l–p,s,u,v) [1973/02]

Maritime and Port Authority, Singapore Notices 4/40–41/02 and Singapore Port Marine Circular 18/02 (HH.521/405/06).

3728 MALACCA STRAIT — Peninsular Malaysia, West Coast — Perak — Kuala Bruas — Light

Insert ★ *Fl(2)10s22m8M*, (chart 1353, ★ *Fl(2)10s8M*) 4° 26'·7N., 100° 37'·0E.

Chart [*Last correction*].— **3944** [1590/01] — **1353** [2825/02]

Light List Vol. F, 2001/02, 1552.5

Marine Department Peninsular Malaysia Notice 23/02 (HH.517/500/02).

3729* SINGAPORE STRAIT — Singapore — Pasir Panjang Wharves — Dredged depths

Amend	dredged depth to, <i>11·0m</i> (2002)	(a) 1° 16'·237N., 103° 47'·519E.
	dredged depth to, <i>10·1m</i> (2002)	(b) 1° 16'·298N., 103° 47'·416E.
	dredged depth to, <i>7·2m</i> (2002)	(c) 1° 16'·385N., 103° 47'·277E.
	dredged depth to, <i>6·9m</i> (2002)	(d) 1° 16'·502N., 103° 47'·082E.
	dredged depth to, <i>10·1m</i> (2002)	(e) 1° 16'·570N., 103° 46'·965E.
	dredged depth to, <i>10·0m</i> (2002)	(f) 1° 16'·632N., 103° 46'·860E.
	dredged depth to, <i>11·0m</i> (2002)	(g) 1° 16'·698N., 103° 46'·749E.
		(h) 1° 16'·738N., 103° 46'·683E.

Chart [*Last correction*].— **4035** [1967/02]

Maritime and Port Authority, Singapore Notice DBNM 29/02 (HH.521/405/06).

3730* SINGAPORE STRAIT — Singapore — The Sisters Westwards — Depths

Insert	depth 15m	(a) 1° 12'·997N., 103° 49'·601E.
	depth 15m and extend 15m contour N. to enclose, (chart 2556, depth 15m)	(b) 1° 12'·860N., 103° 49'·753E.
Delete	depth 14 ₃ m	close N. of (a) above
	depth 14 ₇ m	close W. of (b) above

Chart [*Last correction*].— **4036** [3066/02] — **4037** [3688/02] — **2556** [3688/02]

Maritime and Port Authority, Singapore Notice DBNM 35/02 (HH.521/400/10).

II

3731* SINGAPORE STRAIT — Singapore — Pulau Sentosa Eastwards — Outer Shoal Southwards — Wreck

Substitute  Wk, least depth 12m for  Wk least depth 12.5 m 1° 14'·685N., 103° 52'·644E.

Note: The above update has been included in a New Edition of Chart 3833 published 22 August 2002.

Chart [Last correction].— 4037 [3730/02] — 2556 [3730/02]

Maritime and Port Authority, Singapore Notice DBNM 36/02 (HH.521/405/06).

3689 CHINA, East Coast — Huang Hai — Rizhao Gang — Port developments; Anchorage area; Lights; Fairways; Leading lines; Depths; Obstructions; Rock

Insert the accompanying block, showing port developments, new anchorage area and lights and amendments to fairways, leading lines, depths, obstructions and rock, centred on: 35° 22'·0N., 119° 33'·1E.

Chart [Last correction].— 1253 (plan, Rizhao Gang) [3173/02]

Light List Vol. F, 2001/02, 3808.14, 3808.16

Chinese Chart 12571 (HH.548/504/02).

3732 CHINA SEA — Gulf of Thailand — Thailand — Ko Chang Southwestwards — Wreck; Buoy

Delete  (a) 11° 41'·80N., 101° 41'·00E.
isolated danger pillar buoy,
(chart 67, isolated danger conical buoy) close N. of (a) above

Chart [Last correction].— 3966 [2090/02] — 67 [2314/02] — 2414 (a) [3270/02]

Thai Notice 3/128/2545/02 (HH.515/414/04).

3733 CHINA, South-East Coast — Hong Kong — Hong Kong International Airport Southwestwards — Buoy

Insert special pillar light-buoy, *Fl.Y.9s Weather 2* 22° 17'·467N., 113° 52'·933E.

Chart [Last correction].— 1919 (INT 5510) [2315/02]

Hong Kong Marine Department Notice 91/02 (HH.550/406/06).

3734 CHINA — Yellow Sea — Qingdao Gang — Buoyage

Amend designation of light-buoy to, *No 62* 36° 00'·75N., 120° 18'·52E.
designation of light-buoy to, *No 2* 36° 01'·45N., 120° 16'·43E.

Chart [Last correction].— 876 [3495/02]

Chinese Notice 27/498/02 (HH.548/506/03).

3735 CHINA — Yellow Sea — Approaches to Yantai — Zhifu Dao Northwards — Anchorage area

Insert limit of anchorage area, pecked line, joining: (a) 37° 38'·83N., 121° 24'·00E.
37° 38'·83N., 121° 24'·22E.
37° 38'·62N., 121° 24'·63E.
37° 38'·00N., 121° 25'·15E.
(b) 37° 38'·00N., 121° 24'·00E.
within (a)–(b) above
legend,  Tankers

Chart [Last correction].— 1260 (plan A, Yantai and Approaches) [New Edition 4/4/02]

Chinese Notice 27/504/02 (HH.548/512/02).

3736 JAPAN — Honshū, North Coast — Sakata — Kitakō North Breakwater Northwards — Submerged jetty

Insert submerged jetty, double dotted line, width 68m, joining: (a) 38° 57'·75N., 139° 49'·02E.
(b) 38° 57'·98N., 139° 49'·16E.
(N. border)
close W. of (a)–(b) above
legend, *Submerged jetty*

Chart [Last correction].— 1388 (plan C, Sakata) [3180/02]

Japanese Notice 29/992/02 (HH.563/505/07).

3737 JAPAN — Honshū, South Coast — Muroto Nada — Ichie Saki Southwestwards — Voluntary Traffic Separation Scheme

Substitute the accompanying note, TRAFFIC SEPARATION SCHEMES, for existing note, centred on: 34° 00'·7N., 135° 47'·3E.

Delete legend, Voluntary Traffic Separation Scheme (see Note), centred on: 33° 30'·1N., 135° 20'·0E.

Chart [Last correction].— 951 [3501/02]

Japan Captain's Association (HH.561/080/01).

II

3738 JAPAN — Kyūshū, North Coast — Genkai Nada — Koga Westwards — Submarine cable

Insert submarine cable, joining:

- (a) 33° 44'·20N., 130° 27'·50E. (shore)
- (b) 33° 45'·59N., 130° 24'·26E. (S. border)
- (c) 33° 46'·30N., 130° 22'·60E.
- (d) 33° 46'·40N., 130° 21'·60E.
- (e) 33° 45'·80N., 130° 20'·00E.
- (f) 33° 45'·59N., 130° 18'·13E. (S. border)
- (g) 33° 45'·00N., 130° 12'·90E.
- (h) 33° 45'·59N., 130° 11'·20E. (S. border)
- (i) 33° 45'·90N., 130° 10'·30E.
- (j) 33° 47'·90N., 130° 07'·36E. (E. border)
- (k) 33° 49'·18N., 130° 05'·47E. (S. border)
- (l) 33° 49'·70N., 130° 04'·70E.
- (m) 33° 49'·42N., 130° 00'·44E. (W. border)
- (n) 33° 49'·40N., 130° 00'·20E.
- (o) 33° 50'·50N., 129° 58'·00E.
- (p) 33° 52'·10N., 129° 57'·50E.
- (q) 33° 55'·60N., 129° 55'·17E. (existing cable, chart 3514, N. border)

Chart [*Last correction*].— **3514** (*a,c-e,g,i,l,n-q*) [2328/02] — **532** (*b-f,h,i,l,m*) [2328/02] — **127** (*k,l,n-q*) [3506/02] — **359** (*j,l,n-q*) [2328/02]
 Japanese Notice 24/831/02 (HH.561/300/07).

3739 JAPAN — Honshū, South Coast — Enshū Nada — Shima Hantō Eastwards — Submarine cable

Insert submarine cable joining:

- 34° 20'·57N., 136° 58'·28E. (existing cable)
- 34° 19'·72N., 137° 04'·32E. (chart 2957, E. border)

Chart [*Last correction*].— **2957** [3279/02] — **952** [3501/02]
 Japanese Notice 26/894/02 (HH.561/300/07).

3740 JAPAN — Honshū, South Coast — Bōsō Hantō Eastwards — Submarine cables

Insert submarine cable joining:

- 35° 00'·80N., 139° 59'·00E. (shore)
- 35° 00'·20N., 140° 01'·50E.
- 35° 00'·33N., 140° 03'·23E. (chart 954, E. border)
- and
- 35° 00'·30N., 139° 58'·70E. (shore)
- 34° 59'·50N., 140° 01'·70E.
- 34° 58'·64N., 140° 03'·23E. (chart 954, E. border)

Chart [*Last correction*].— **954** [2543/02] — **953** [2838/02] — **3360** [378/02]
 Japanese Notices 27/924/02 & 29/993/02 (HH.561/300/07).

3741 KOREA, South Coast — Pusan — North Inner Harbour — Mooring buoys; Legend

Delete  35° 05'·89N., 129° 02'·99E.
 35° 06'·04N., 129° 03'·15E.
 35° 06'·13N., 129° 03'·30E.
 35° 06'·54N., 129° 04'·37E.

legend, Pubong Mal, centred on:

Chart [*Last correction*].— **1259 (plan, Pusan)** [3508/02]
 Korean Notice 29/392/02 (HH.557/460/11).

3742 KOREA, East Coast — Ulsan Man — Hwaam Ch'u Southwards — Depths

Insert depth 9₂ m enclosed by 10m contour, (chart 896, depth 9₂ m and extend 10m contour SW. to enclose)

Delete depth 11₄ m

- (a) 35° 27'·85N., 129° 24'·63E. close NW. of (a) above

Chart [*Last correction*].— **898 (plan A, Ulsan and Mip'o)** [3509/02] — **896** (INT 5355) (*a*) [3509/02]
 Korean Chart W119 (HH.557/466/08).

II

3743 KOREA, East Coast — Ulsan Man — Sösaeng Eastwards — Fish haven

Insert  35° 21'·59N., 129° 22'·88E.

Chart [*Last correction*].— **896** (INT 5355) [3742/02]
Korean Chart W119 (HH.557/464/08).

3744 PHILIPPINE ISLANDS — Luzon — Bondok Peninsula, West Coast — Aurora — Light

Insert ★ *Fl.5s* 13° 20'·75N., 122° 30'·83E.

Chart [*Last correction*].— **3817** [*New Edition 18/10/01*]— **3818** [1764/02]
Light List Vol. F, 2001/02, 2503.75
Philippine Notice 6/138/02 (HH.552/705/06).

3745 PHILIPPINE ISLANDS — Bohol, North Coast and Leyte, South Coast — Talibon, Ubay and Maasin — Lights

Insert ★ *Fl.G.3s10M* 10° 09'·23N., 124° 19'·59E.
10° 03'·00N., 124° 28'·01E.
Amend range of light to, *10M* 10° 07'·95N., 124° 50'·34E.

Chart [*Last correction*].— **3825** [4393/01]
Light List Vol. F, 2001/02, 2384.4, 2385, 2430
Philippine Chart 4425 (HH.552/500/04).

3746 PHILIPPINE ISLANDS — Mindanao, North Coast — Iligan Bay — Tabu Pt Southwards — Light

Insert ★ *Fl.5s* 8° 18'·10N., 123° 51'·80E.

Chart [*Last correction*].— **3810** [2959/02]— **3811** [1850/02]
Light List Vol. F, 2001/02, 2275.5
Philippine Notice 4/79/02 (HH.552/475/02).

3747 INDONESIA — Kalimantan, East Coast — Approaches to Bontang — T. Kuyah Southeastwards — Jetty

Insert jetty, single firm line, joining: (a) 0° 01'·84N., 117° 31'·24E.
(Tidal Levels panel)
(b) 0° 02'·18N., 117° 32'·12E.
0° 02'·24N., 117° 32'·11E.
(b) above
0° 02'·12N., 117° 32'·13E.
legend, *PA* along (a)–(b) above

Chart [*Last correction*].— **3040** (plan, Approaches to Bontang and Lhotuan) [2706/02]
Indonesian Chart 37 (HH.527/700/02).

3748 INDONESIA — Kalimantan, South Coast — Pulau–Pulau Marabatua — Pulau Payongpayongan — Light

Amend range of light to, *15M* 4° 23'·0S., 115° 50'·0E.

Chart [*Last correction*].— **3017** [204/02]— **3012** [938/02]— **1066** [3288/02]
Light List Vol. K, 2002/03, 1427.4
Indonesian Notice 24/186/02 (HH.527/610/04).

3749 NORTH AMERICA, West Coast — Oregon — Yaquina River Westwards — Buoy

Insert special pillar light–buoy, *Fl.Y.4s* 44° 38'·62N., 124° 18'·37W.

Chart [*Last correction*].— **3124** [1409/02]— **3123** [1409/02]
U.S. Notice 33/18561/02 (HH.612/445/05).

3750 NORTH AMERICA, West Coast — California — Approaches to Chetco River — Light; Fog signal

Amend range of light to, *4M* (a) 42° 02' 30"N., 124° 16' 30"W.
Delete fog signal, Horn, at light (a) above

Chart [*Last correction*].— **3122** [963/02]
Light List Vol. G, 2001/02, 4426
U.S. Notice 33/18600/02 (HH.612/445/05).

II

3751 NORTH AMERICA, West Coast — Oregon and Washington — Columbia River — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Entrance to Miller Sands Range), for existing table, centred on: (a) 46° 17'·1N., 123° 36'·7W.
the accompanying table, CHANNEL DEPTHS (Pillar Rock Lower Range to Gull Island Turn and Channel),
for existing table, centred on: (b) 46° 15'·7N., 123° 21'·7W.
the accompanying table, CHANNEL DEPTHS (Stella Range to Slaughters Channel), for existing table, centred on: (c) 46° 08'·3N., 123° 08'·7W.

Chart [*Last correction*].— **2839 (panel A) (a) & (panel B) (b,c)** [3656/02]
U.S. Notices 33/18521/02 & 33/18523–18524/02 (HH.612/012/2002).

3752 NORTH AMERICA, West Coast — Oregon and Washington — Columbia River — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Walker I Channel to St Helens Range), for existing table, centred on: (a) 46° 06'·4N., 122° 47'·9W.
the accompanying table, CHANNEL DEPTHS (St Helens Turn to Morgan Channel), for existing table, centred on: (b) 46° 04'·1N., 122° 47'·9W.
the accompanying table, CHANNEL DEPTHS (Vancouver Lower Channel to Tomahawk Bar), for existing table, centred on: (c) 45° 33'·9N., 122° 46'·9W.

Chart [*Last correction*].— **2849 (panel A) (a,b) & (panel B) (c)** [3299/02]
U.S. Notices 33/18524–18525/02 & 33/18526/02 (HH.612/012/2002).

3753 NORTH AMERICA, West Coast — California — San Francisco Harbor — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Oakland Outer and Inner Harbors), for existing table, centred on: 37° 56'·1N., 122° 19'·6W.

Chart [*Last correction*].— **591** [3340/02]
U.S. Notice 33/18649/02 (HH.612/012/2002).

3754 NORTH AMERICA, West Coast — California — San Francisco Bay — Oakland Harbors — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS, for existing table, centred on: 37° 48'·9N., 122° 16'·5W.

Chart [*Last correction*].— **588** [3090/02]
U.S. Notice 33/18650/02 (HH.612/012/2002).

3755 GULF OF MEXICO — Mexico — Banco de Campeche — Arrecife Alacrán — Isla Perez — Light

Amend light to, *Fl(2)8s69ft20M*, (chart 1220, *Fl(2)8s20M*) 22° 23'·5N., 89° 41'·5W.

Chart [*Last correction*].— **1225** [3415/02] — **1220** [1175/02]
Light List Vol. J, 2001/02, 4414
U.S. Notice 33/28221/02 (HH.622/405/04).

3756 GULF OF MEXICO — Louisiana — Approaches to Sabine Pass — Sabine Bank Southsoutheastwards — Wreck

Delete  PA 29° 14'·2N., 93° 38'·0W.

Chart [*Last correction*].— **3854** [3420/02] — **3850** [3660/02]
U.S. Notice 33/11330/02 (HH.616/180/2002).

3757 GULF OF MEXICO — Louisiana — Outer Approaches to Sabine Pass — Well; Buoy

Insert  Well, least depth 130ft,
(chart 3850,  Well, least depth 21fm) (a) 28° 28'·0N., 93° 03'·2W.
orange and white pillar light–buoy, Q close N. of (a) above

Chart [*Last correction*].— **3854** [3756/02] — **3850** [3756/02]
U.S. Notice 33/11330/02 (HH.616/180/2002).

3758 GULF OF MEXICO — Louisiana — Mississippi River — Willow Bend — Wreck

Insert  Wk Rep PA, least depth 16g m 30° 02'·36N., 90° 38'·00W.

Chart [*Last correction*].— **3384 (panel B)** [3537/02]
U.S. Notice 33/11370/02 (HH.616/180/2002).

II

3759 GULF OF MEXICO — Louisiana — Mississippi River — Gulf Outlet Canal — Wreck

Insert  PA 30° 00'·0N., 89° 59'·0W.

Chart [*Last correction*].— **3382 (panel 4)** [3102/02]
U.S. Notice 33/11368/02 (HH.616/180/2002).

3760 GULF OF MEXICO — Mississippi — Horn Island Southsoutheastwards — Fish haven; Depths

Delete former limit of fish haven, dotted line, joining: (a) 30° 03'·00N., 88° 36'·95W.
(b) 30° 03'·00N., 88° 36'·50W.
depth 45ft (c) 30° 02'·85N., 88° 36'·73W.
depth (7₃) (d) 30° 02'·60N., 88° 36'·74W.

Chart [*Last correction*].— **3151 (a–c)** [3661/02] — **3858 (a,b,d)** [3661/02]
U.S. Notice 33/11373/02 (HH.616/180/2002).

3761 GULF OF MEXICO — Louisiana — Chandeleur Islands Southeastwards — Platform; Well

Substitute  (lighted) for  Well least depth 25fm 29° 28'·9N., 88° 13'·8W.

Chart [*Last correction*].— **3858** [3760/02] — **3851** [3660/02]
U.S. Notice 33/11360/02 (HH.616/180/2002).

3762 GULF OF MEXICO — Florida — Pensacola Bay — Fort Pickens Northeastwards — Dredged depths

Amend dredged depth to, 39½ft (2002) 30° 20'·01N., 87° 17'·15W.
dredged depth to, 37ft 30° 20'·06N., 87° 16'·76W.
dredged depth to, 40ft (2002) 30° 20'·34N., 87° 16'·26W.
30° 20'·58N., 87° 15'·75W.

Chart [*Last correction*].— **3149 (plan, Pensacola Bay)** [3663/02]
U.S. Notice 32/11384/02 (HH.615/460/04).

3763 GULF OF MEXICO — Florida — St Andrew Bay — Courtney Point Southeastwards — Wreck

Insert  PA Masts 30° 08'·37N., 85° 42'·53W.

Chart [*Last correction*].— **3148 (plan, St Andrew Bay)** [3200/02]
U.S. Notice 33/11389/02 (HH.615/465/05).

3764 GULF OF MEXICO — Florida — St Joseph and St Andrew Bays — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS
(Panama City Harbor), for existing table, centred on: 30° 06'·6N., 85° 38'·7W.

Chart [*Last correction*].— **3148 (plan, St Andrew Bay)** [3763/02]
U.S. Notice 33/11389/02 (HH.615/011/2002).

3765 NORTH AMERICA, East Coast — North Carolina — Cape Fear River — Jay Bird Shoals and Snows Marsh Channel Range — Buoyage

Move '13' light–buoy from: 33° 52'·850N., 78° 00'·484W.
to: 33° 52'·850N., 78° 00'·517W.
'22' light–buoy from: 33° 56'·099N., 77° 58'·894W.
to: 33° 56'·217N., 77° 58'·733W.

Chart [*Last correction*].— **3688** [3543/02]
U.S. Notice 32/11537/02 (HH.614/610/06).

3766 NORTH AMERICA, East Coast — North Carolina — Cape Fear River — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS,
for existing table, centred on: 33° 59'·7N., 78° 01'·4W.

Chart [*Last correction*].— **3688** [3765/02]
U.S. Notice 33/11537/02 (HH.614/011/2002).

II

3767 NORTH AMERICA, East Coast — Virginia — Norfolk — Hampton Roads, Elizabeth River and Port Norfolk Reach — Wreck; Obstructions

Insert ○ *Wk*, least depth 60ft (a) 36° 59'·82N., 76° 17'·87W.
 ○ *Obstn*, least depth 14ft (b) 36° 54'·77N., 76° 20'·52W.
 ○ *Obstn*, least depth 15ft (c) 36° 51'·25N., 76° 18'·33W.

Chart [*Last correction*].— **2813** (*a,b*) [3548/02] — **2814** (*b,c*) [1895/02]
 U.S. Notice 33/12222/02 (HH.614/565/03).

3768 NORTH AMERICA, East Coast — New York — New York Lower Bay — Norton Point Westwards — Obstruction

Insert ○ *Obstn*, least depth 43ft,
 (chart 3204, ○ *Obstn*, least depth 7₁ fm) 40° 35'·00N., 74° 02'·26W.

Chart [*Last correction*].— **3459** [3549/02] — **3204** [3312/02]
 U.S. Notice 33/12402/02 (HH.614/500/03).

3769 NORTH AMERICA, East Coast — Connecticut — Long Island Sound — Buoy

Insert special pillar light–buoy, *FL.Y.4s* 41° 08'·25N., 72° 39'·30W.

Chart [*Last correction*].— **2754** [3551/02]
 U.S. Notice 33/12354/02 (HH.614/475/03).

3770 NORTH AMERICA, East Coast — Massachusetts — Boston Harbor — Town River Bay — Channel depths

Insert accompanying table, CHANNEL DEPTHS, centred on: 42° 23'·67N., 71° 02'·42W.
 Substitute legend, *Entrance Channel*, for legend, 32 feet (1989),
 centred on: 42° 14'·97N., 70° 58'·15W.
 legend, (*see Depth Table*), for legend, (marked by buoys),
 centred on: 42° 15'·17N., 70° 58'·49W.
 legend, *Hole Point Reach*, for legend, 34 feet (1989),
 centred on: 42° 15'·24N., 70° 58'·88W.
 Delete legend, 8½ ft (1989), centred on: 42° 15'·27N., 70° 59'·33W.

Chart [*Last correction*].— **1516** [2244/02]
 U.S. Notice 33/13270/02 (HH.614/011/2002).

II

3771(P)/02 IRELAND, South Coast — Kinsale Harbour — Port developments

1. Mariners are advised that numerous developments have taken place at the Port of Kinsale:
 - a. Kinsale Boatyard S. of Middle Cove, extended W. to cover Carrignarone Rock in position 51° 41'·29N., 8° 29'·63W.
 - b. Conspicuous building exists centred on position 51° 42'·35N., 8° 30'·54W.
 - c. The restricted area, anchoring prohibited, E. of Adams Quay has been extended approximately 400m northwards. The new northern limit is between the following positions:
 - 51° 41'·97N., 8° 30'·81W. (existing limit)
 - 51° 42'·19N., 8° 30'·79W.
 - 51° 42'·19N., 8° 30'·97W.
 - d. Town Pier extended 8m NE. to position 51° 42'·07N., 8° 31'·01W.
 - e. Berths at the marina N. of Town Pier have been extended 60m NE. to position 51° 42'·15N., 8° 30'·94W.
 - f. A new marina has been established centred on position 51° 42'·03N., 8° 31'·02W.
 - g. Recommended anchorages have been established in the following positions:
 - 51° 41'·32N., 8° 29'·79W.
 - 51° 41'·73N., 8° 31'·19W.
 - 51° 41'·65N., 8° 31'·33W.
 - h. Obstructions which dry, exist between positions 51° 41'·78N., 8° 33'·56W. and 51° 41'·97N., 8° 33'·80W.
2. Mariners are advised to navigate with caution in these areas.
3. These and other changes will be included in the next New Edition of Chart 2053.

Chart affected — 2053

Port of Kinsale (HH.284/430/03).

3772(T)/02 BRITISH ISLES — Oceanographic buoys and moorings established temporarily

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

<i>Latitude</i>	<i>Longitude</i>	<i>Type</i>	<i>Light</i>	<i>Chart</i>
51° 05'·99N	1° 38'·21E	Y. Spherical	Fl.Y.10s	323
51° 31'·5N	1° 01'·9E	Y. Toroidal	Fl.Y.	1607
51° 44'·483N	1° 16'·417E	Dan Buoy	Unlit.	1975
51° 44'·962N	1° 14'·053E	Dan Buoy	Unlit.	1975
52° 00'·0N	2° 20'·0E	Y. Toroidal	Fl.Y.	1543
52° 33'·85N	2° 04'·70E	Y. Spherical	Fl(5)Y.20s	1543
53° 29'·2N	3° 12'·8W		Unlit buoy	1951
53° 29'·6N	3° 11'·0W		Unlit buoy	1951
* 53° 32'·0N	3° 21'·8W	Y. Toroidal	Fl(5)Y.20s	1981
53° 37'·1N	2° 11'·2E	Y. Toroidal	Fl.Y.	2182B
* 53° 44'·5N	6° 04'·0W	Y. Toroidal	Fl(5)Y.20s	44
53° 45'·0N	5° 00'·0W	Y. Spherical	Fl.Y.10s	1411
54° 42'·9N	5° 45'·9W	Y. Can	Fl.6s	2198
56° 14'·96N	1° 29'·99W	Y. Spar	Fl(5)Y.20s	273
56° 15'·20N	2° 00'·30W	Y. Spar	Fl(5)Y.20s	273
56° 59'·62N	1° 45'·38W	Y. Spar	Fl(5)Y.20s	1409

* Indicates new or revised entry.

2. Former Notice 2597(T)/02 is cancelled.

UK Hydrographic Office (HH.111/003/02).

II

3773(P)/02 NORWAY, West Coast — Lyngsøy Westwards to Kårstø — Depths

1. A recently received Norwegian chart has revealed numerous depths shoaler than charted in the North, West and South-Eastern Approaches to Haugesund, the most significant of which are listed below:

9m	59° 31'·39N., 5° 08'·81E.
10m	59° 30'·82N., 5° 04'·47E.
11m	59° 30'·13N., 5° 07'·35E.
30m	59° 30'·08N., 5° 02'·86E.
15m	59° 29'·96N., 5° 06'·95E.
39m	59° 29'·47N., 5° 03'·19E.
10m	59° 28'·47N., 5° 11'·41E.
21m	59° 28'·35N., 5° 10'·08E.
21m	59° 26'·57N., 5° 07'·08E.
14m	59° 26'·41N., 5° 03'·36E.
4 ₅ m	59° 25'·71N., 5° 11'·84E.
9m	59° 25'·37N., 5° 08'·01E.
23m	59° 23'·96N., 5° 16'·62E.
11m	59° 21'·46N., 5° 22'·90E.
0 ₇ m	59° 21'·45N., 5° 18'·00E.
38m	59° 20'·85N., 4° 51'·72E.
15m	59° 17'·99N., 5° 22'·60E.
22m	59° 17'·80N., 4° 51'·16E.
15m	59° 17'·56N., 5° 19'·55E.
22m	59° 17'·17N., 5° 25'·31E.
12m	59° 16'·18N., 5° 23'·65E.
2. Mariners are advised to navigate with caution in this area.
3. These and other changes will be included in a New Chart to be published in due course.

Charts affected — 301 — 3018 — 3019 — 3025

Norwegian Chart 17 (HH.310/425/02).

3774(P)/02 NORTH SEA — Norwegian Sector — Hjartøy to Heimdal Gas Field — Template; Submarine pipeline

1. A template has been installed on the sea bed in position 59° 09'·90N., 2° 29'·22E.
2. From now until the end of 2002 a submarine pipeline will be laid between positions:

60° 35'·12N., 4° 45'·08E. (W. of Hjartøy)
60° 34'·36N., 4° 43'·59E.
60° 33'·83N., 4° 39'·58E.
60° 33'·05N., 4° 37'·73E.
59° 42'·70N., 3° 21'·76E.
59° 35'·49N., 3° 07'·48E.
59° 22'·98N., 2° 48'·80E.
59° 10'·74N., 2° 30'·02E.
59° 09'·90N., 2° 29'·22E. (template)
59° 12'·86N., 2° 29'·20E.
59° 16'·24N., 2° 30'·42E.
59° 27'·07N., 2° 18'·73E.
59° 33'·79N., 2° 14'·72E.
59° 34'·52N., 2° 13'·70E.
3. Mariners are requested to keep clear.

Charts affected — 288 — 292 — 294 — 2304 — 2672 — 2673 — 2182C — 2182D — 2 — 4140

Norwegian Notice 7/286(P)/02 (HH.314/464/01).

3775(P)/02 MEDITERRANEAN SEA — Spain, East Coast — Sagunto — Works; Buoyage

Recently received information has given details of the works in progress at Puerto de Sagunto. The main changes are as follows:

1. The construction of an Outer Harbour Wall and the southward extension of Escollera de Levante with a new outer breakwater.
2. E. cardinal light–buoy, *O(3)10s*, has been established in positions:

39° 38'·09N., 0° 11'·97W.
39° 37'·78N., 0° 12'·80W.
3. Dredging is taking place in the vicinity of the approach channel. New port–hand pillar light–buoys, with topmarks, have been established in the following positions:

39° 38'·11N., 0° 12'·56W.
39° 38'·33N., 0° 12'·58W.
39° 38'·65N., 0° 12'·68W.

The existing port–hand light–buoys have been removed. The starboard–hand channel light–buoys remain unchanged.
4. A starboard–hand pillar light–buoy with topmark, *Fl(4)G.11s*, has been established in position 39° 37'·91N., 0° 12'·30W. This is the first buoy in the new entrance channel.
5. Works are scheduled for completion 15 months from their start date of 15 April 2002.
6. Mariners are advised to navigate with caution in this area.
7. These corrections will be included in a New Chart to be published in due course.

Chart affected — 1458

Spanish Notice 22/407(T)/02 (HH.361/560/03).

II

3776(P)/02 SINGAPORE STRAIT — Singapore — Sinki Traffic Separation Scheme

1. Mariners are advised that the Sinki Traffic Separation Scheme and associated buoyage are being re-aligned with effect from 0001 UT 15 October 2002. Full details of the changes are not yet available in the UK Hydrographic Office.
2. Details of the changes will be incorporated in New Editions of Charts 4030, 4031 and 4032 and New Charts 4038, 4039 and 4040 to be published on 26 September 2002.
3. The changes will also be included in New Editions of Charts 3831, 3833 and 5502 to be published 17 October 2002.

Charts affected — 4030 — 4031 — 4032 — 2556 — 2570 — 2598 — 3831 — 3833 — 5502

UK Hydrographic Office (HH.521/400/10).

3777(P)/02 SINGAPORE STRAIT — Singapore — Revised chart scheme

1. Mariners are advised that with effect from 26 September 2002 a revised 1:30,000 chart scheme, published jointly by the UK Hydrographic Office and the Maritime and Port Authority Singapore, will come into force.
2. The limits of the new charts and inset plans are shown below and the chart limits are shown on the accompanying diagram.

Chart 4038	Malaysia and Singapore, Johor Strait, Western Part. 1° 10'·80N.— 1° 28'·70N., 103° 28'·60E.— 103° 40'·70E.	
	A Town Reach	1:30,000
	1° 24'·90N.— 1° 28'·50N., 103° 40'·50E.— 103° 46'·30E.	
	B Pelabuhan Tanjung Pelepas	1:15,000
	1° 21'·20N.— 1° 23'·00N., 103° 31'·90E.— 103° 33'·50E.	
Chart 4039	Indonesia, Singapore and Malaysia, Western Approaches to Main Strait. 1° 01'·50N.— 1° 13'·70N., 103° 31'·20E.— 103° 49'·00E.	
Chart 4040	Singapore, Indonesia and Malaysia, Tuas View to Pulau Sakijang Bendera (S. John's Island). 1° 07'·40N.— 1° 19'·60N., 103° 34'·10E.— 103° 51'·90E.	
Chart 4041	Singapore and Indonesia, Pulau Sebarok to Changi. 1° 07'·40N.— 1° 19'·60N., 103° 46'·90E.— 104° 04'·70E.	
	A Marina Bay	1:15,000
	1° 16'·80N.— 1° 18'·25N., 103° 51'·15E.— 103° 52'·90E.	
Chart 4042	Indonesia, Malaysia and Singapore, Changi to Pulau Mungging. 1° 09'·55N.— 1° 21'·75N., 104° 01'·70E.— 104° 19'·50E.	
Chart 4043	Malaysia and Singapore, Kuala Johor and Sungai Johor. 1° 16'·10N.— 1° 34'·00N., 103° 57'·90E.— 104° 10'·00E.	
Chart 4044	Singapore and Malaysia, Johor Strait, Eastern Part. 1° 19'·00N.— 1° 31'·20N., 103° 45'·60E.— 104° 03'·40E.	
	A Serangoon Harbour	1:12,500
	1° 22'·80N.— 1° 24'·70N., 103° 56'·70E.— 103° 59'·60E.	
	B Johor Port	1:17,500
	1° 25'·20N.— 1° 27'·86N., 103° 51'·60E.— 103° 55'·70E.	
	C Sembawang	1:10,000
	1° 27'·50N.— 1° 29'·10N., 103° 48'·90E.— 103° 50'·50E.	
3. Existing Charts 2569, 2585, 2586 and 2587 are to be withdrawn on publication of this new scheme.
4. Existing Charts 2556, 2570 and 2598 will be withdrawn when the re-alignment of Sinki Traffic Separation Scheme comes into force on 15 October 2002 (NM 3776(P)/02 refers).
5. The revised chart limits will be included in the next New Edition of Charts 3831, 3833, 2403 and 5502 to be published 17 October 2002.

Charts affected — 2556 — 2569 — 2570 — 2585 — 2586 — 2587 — 2598 — 3831 — 3833 — 2403 — 5502

UK Hydrographic Office (HH.521/400/10).

3778(T)/02 AUSTRALIA — Queensland — Port Douglas — Depth information

1. Available depths as at 22 May 2002:

	<i>Metres</i>
Outer Channel	1.3
Inner Channel	1.9
2. Due to substantial shoaling on the southern side of the entrance channel, the light-buoys marking the channel have been relocated approx 15m northwards.
3. As a result Port Douglas leads will be open to the south when vessels transit the centreline of the channel.
4. Mariners are advised to navigate with caution in this area.

Chart affected — Aus 270

Australian Notice 12/378(T)/02 (HH.571/009/02).

On Chart 2839

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER ENTRANCE TO MILLER SANDS RANGE TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2002								
* SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
ENTRANCE RANGE	55	56	51	43	3-02	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	50	53	50	44	3-02	2640	2.2	48
LOWER DESDEMONA SHOAL	43	34	27	15	3,4,5-02	600	3.4	40
UPPER DESDEMONA SHOAL	44	46	46	45	5-02	600	3.7	40
TANSY POINT TURN AND RANGE	41	40	41	38	5-02	600	4.7	40
ASTORIA RANGE	42	41	42	43	5-02	600	2.7	40
TONGUE POINT CHANNEL	39	42	42	41	5-02	600	2.2	40
HARRINGTON POINT RANGE	40	40	39	40	5-02	600	2.6	40
MILLER SANDS RANGE	37	42	41	39	5-02	600	2.2	40

* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER PILLAR ROCK LOWER RANGE TO GULL ISLAND TURN AND CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2002								
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)
PILLAR ROCK LOWER RANGE	35	39	38	40	5-02	600	3.0	40
PILLAR ROCK UPPER RANGE	38	43	42	42	5-02	600	1.9	40
WELCH ISLAND REACH	42	41	44	38	5-02	600	3.2	40
SKAMOKAWA CHANNEL	34	42	41	39	5-02	600	3.3	40
STEAMBOAT REACH	47	47	41	42	5-02	600	1.4	40
PUGET ISLAND RANGE AND TURN	41	42	40	37	5-02	600	3.5	40
WAUNA RANGE	40	40	39	39	5-02	600	2.2	40
DRISCOLL RANGE	41	41	41	41	5-02	600	1.7	40
WESTPORT TURN AND RANGE	40	42	42	42	5-02	600	2.0	40
WESTPORT CHANNEL	37	40	38	37	5-02	600	2.4	40
EUREKA LOWER CHANNEL	45	44	42	41	5-02	600	2.1	40
EUREKA UPPER CHANNEL	43	42	43	43	5-02	600	0.8	40
OAK POINT CHANNEL	45	45	45	45	5-02	600	2.4	40
GULL I TURN AND CHANNEL	46	44	43	41	5-02	600	2.2	40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER STELLA RANGE TO SLAUGHTERS CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2002								
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)
STELLA RANGE	38	40	40	39	5-02	600	2.8	40
FISHER I CHANNEL	39	40	43	40	4,5-02	600	0.9	40
WALKER I CHANNEL	38	39	41	37	4-02	600	1.5	40
BARLOW PT. CHANNEL	44	46	44	41	4-02	600	1.3	40
SLAUGHTERS CHANNEL	40	42	39	40	4-02	600	2.5	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

On Chart 2849

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER WALKER I CHANNEL TO ST HELENS RANGE TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2002								
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)
WALKER I CHANNEL	38	39	41	37	4-02	600	1.5	40
BARLOW PT. CHANNEL	44	46	44	41	4-02	600	1.3	40
SLAUGHTERS CHANNEL	40	42	39	40	4-02	600	2.5	40
SLAUGHTERS TURN AND CHANNEL OPPOSITE THE TURNING BASIN	39	39	39	38	4-02	600	1.7	40
COTTONWOOD ISLAND LOWER RANGE	38	38	38	38	4-02	600	1.7	40
COTTONWOOD ISLAND TURN	41	41	41	39	4-02	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE AND TURN	42	42	42	43	4-02	600	1.6	40
KALAMA LOWER RANGE	41	43	42	38	4-02	600	1.8	40
KALAMA UPPER RANGE	40	39	40	37	4-02	600	2.2	40
BYBEE LEDGE CHANNEL	41	42	44	40	4-02	600	2.1	40
MARTIN ISLAND CHANNEL	39	40	40	37	4-02	600	2.1	40
MARTIN ISLAND RANGE	42	41	43	42	4-02	600	1.4	40
COLUMBIA CITY CHANNEL	41	42	42	41	4-02	600	1.2	40
ST HELENS RANGE	40	40	40	38	4-02	600	2.0	40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER ST HELENS TURN TO MORGAN CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2002								
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	42	43	39	36	4-02	600	1.7	40
WARRIOR ROCK RANGE	39	40	40	42	5-02	600	1.3	40
DUCK CLUB TURN	41	41	42	43	5-02	600	1.4	40
HENRICI RANGE	41	41	41	41	5-02	600	2.6	40
FALES CHANNEL	42	42	41	39	5-02	600	1.1	40
KNAPP POINT CHANNEL	41	41	39	39	4,5-02	600	1.8	40
WILLOW LOWER RANGE	39	41	40	41	4-02	600	2.1	40
WILLOW UPPER RANGE	44	45	42	41	4-02	600	1.1	40
MORGAN TURN	43	44	45	49	4-02	600	1.0	40
MORGAN CHANNEL	43	46	41	42	4-02	600	1.5	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER VANCOUVER LOWER CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2002								
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	47	49	53	53	4-02	500	1.0	40
VANCOUVER RANGE	41	41	40	41	4-02	500	1.3	40
VANCOUVER UPPER CHANNEL	43	42	42	42	4-02	500	0.9	40
VANCOUVER LOWER TURNING BASIN	35	39	39	41	4-02	800	1.0	40
VANCOUVER UPPER TURNING BASIN	33	29	29	31	4-02	800	0.9	35
TOMAHAWK BAR	18	18	18	17	10-01	300	3.7	27
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

On Chart 591

CHANNEL DEPTHS (see Note)								
OAKLAND OUTER AND INNER HARBORS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	40.1	42.1	40.5	40.1	4-02	1000-930	0.57	42
OUTER HARBOR ENTRANCE CHANNEL	38.7	41.2	41.7	38.8	4-02	900-600	0.91	42
OUTER HARBOR	39.4	39.6	40.9	39.9	4-02	1575-600	1.40	42
INNER HARBOR ENTRANCE CHANNEL	41.0	41.3	40.9	40.3	4-02	2000-480	1.10	42
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

On Chart 588

CHANNEL DEPTHS (see Note)								
OAKLAND OUTER AND INNER HARBORS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	40.1	42.1	40.5	40.1	4-02	1000-930	0.57	42
OUTER HARBOR ENTRANCE CHANNEL	38.7	41.2	41.7	38.8	4-02	900-600	0.91	42
OUTER HARBOR INNER HARBOR	39.4	39.6	40.9	39.9	4-02	1575-600	1.40	42
ENTRANCE CHANNEL	41.0	41.3	40.9	40.3	4-02	2100-480	1.10	42
INNER HARBOR REACH	41.2	41.3	41.0	40.4	4-02	1325-480	2.27	42
GROVE ST PIER TO BROOKLYN BASIN	A22.3	33.4	34.5	B24.2	2-01;4-02	600	1.30	42
BROOKLYN BASIN SOUTH CHANNEL	C14.4	22.8	23.7	D9.7	2-01	600-500	0.90	42
PARK ST BRIDGE REACH	13.9	20.3	23.5	11.3	7-86;3-88	500-275	0.42	42
A. A DEPTH OF 32.9 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER. B. A DEPTH OF 33.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER. C. A DEPTH OF 19.5 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER. D. A DEPTH OF 19.0 FEET WAS AVAILABLE IN THE INSIDE HALF OF THE QUARTER. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

On Chart 3148

CHANNEL DEPTHS (see Note)							
PANAMA CITY HARBOR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
PANAMA CITY HARBOR ENTRANCE CHANNEL	29.2	30.8	23.8	3-02;5-02	450-300	2.1	34-32
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

On Chart 3688

On Chart 1516

CHANNEL DEPTHS (see Note)							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2002 AND SURVEYS TO OCT 2000 - NOV 2001							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
TOWN RIVER:							
ENTRANCE CHANNEL	29.5	30.0	28.4	10-00,11-01	300	0.7	35
HOLE POINT REACH	32.0	32.8	33.2	10-00,11-01	300	0.5	35
QUINCY REACH	27.7	1.1	8.5	10-00,11-01	100	0.2	15
A. EXCEPT FOR SHOALING TO 0.8 FEET IN FINAL 50 FEET OF CHANNEL. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

To accompany Notice to Mariners 3779/02

On Chart 1690 (Plan ⑤)

CHART 1662: POSITIONS

Positions on chart 1690 (Plan ⑤) differ from those on chart 1662 by varying amounts; positions should be transferred by bearing and distance from common charted objects, not by latitude and longitude.

On Chart 1690 (Plan ⑥)

CHART 1661: POSITIONS

To agree with smaller scale chart 1661, which is referred to World Geodetic System 1984 Datum, positions read from chart 1690 (Plan ⑥) should be moved 0·01 minutes SOUTHWARD and 0·14 minutes EASTWARD.

On Chart 1699

CHART 1661: POSITIONS

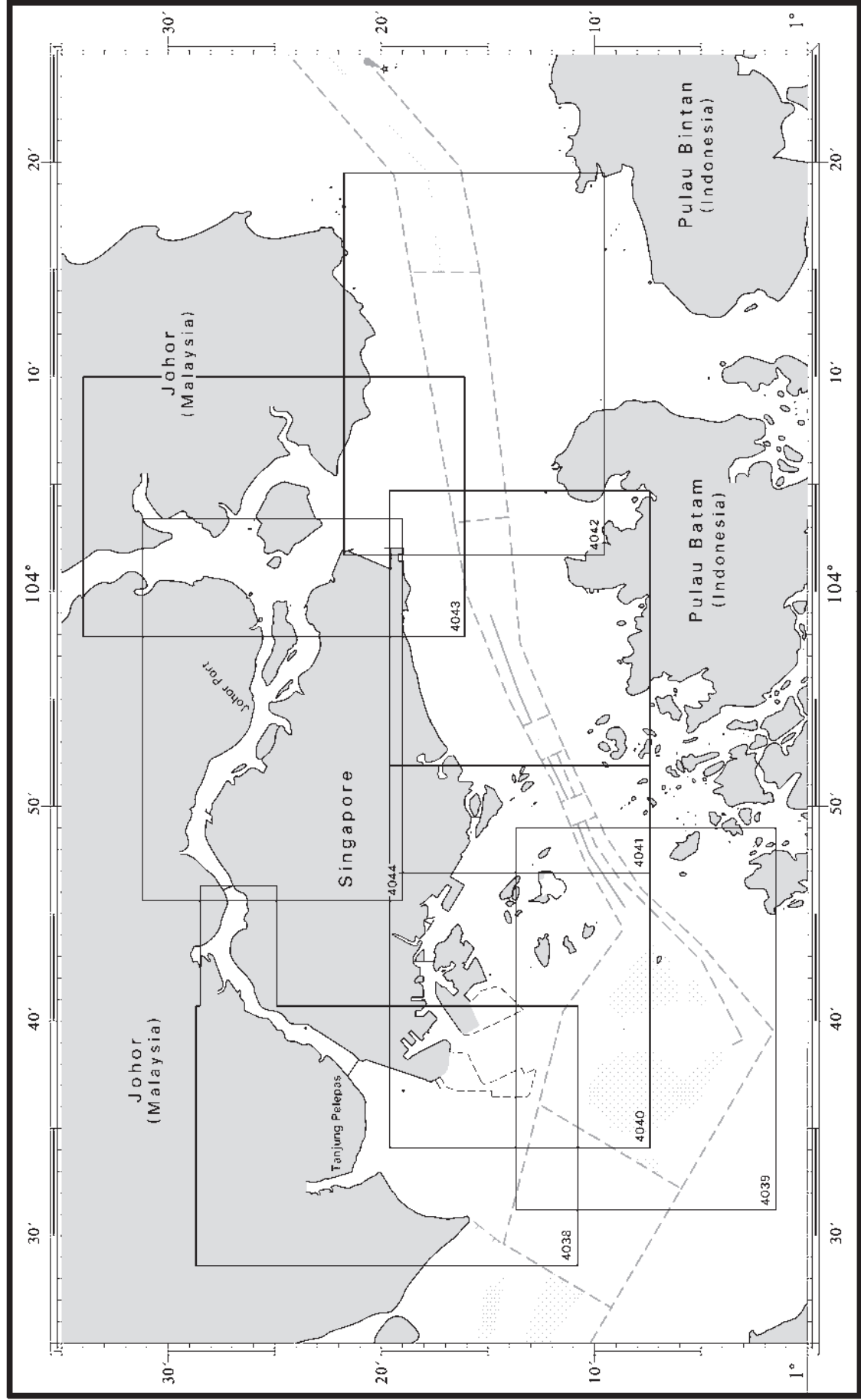
To agree with smaller scale chart 1661, which is referred to World Geodetic System 1984 Datum, positions read from chart 1699 should be moved 0·01 minutes SOUTHWARD and 0·14 minutes EASTWARD.

On Chart 3135

CHARTS 1661 AND 1662: POSITIONS

Positions on chart 3135 differ from those on charts 1661 and 1662 by varying amounts; positions should be transferred by bearing and distance from common charted objects, not by latitude and longitude.

Singapore Strait – 1:30,000 Chart Scheme, Revised Limits





To accompany Notice to Mariners 3686/02

On Chart 825

FIRING PRACTICE AREA
(11° 10' 70N, 93° 07' 00E)

Notice of firing practices and areas involved are promulgated by Coastal Warning messages and local Notices to Mariners. See Admiralty List of Radio signals Volume 3, Annual Notice to Mariners No 5 and Admiralty Sailing Directions.

On Chart 1398

FIRING PRACTICE AREA
(11° 13' 00N, 93° 02' 60E)

Notice of firing practices and areas involved are promulgated by Coastal Warning messages and local Notices to Mariners. See Admiralty List of Radio signals Volume 3, Annual Notice to Mariners No 5 and Admiralty Sailing Directions.

To accompany Notice to Mariners 3696/02

On Chart 2878

FIRING PRACTICE AREA

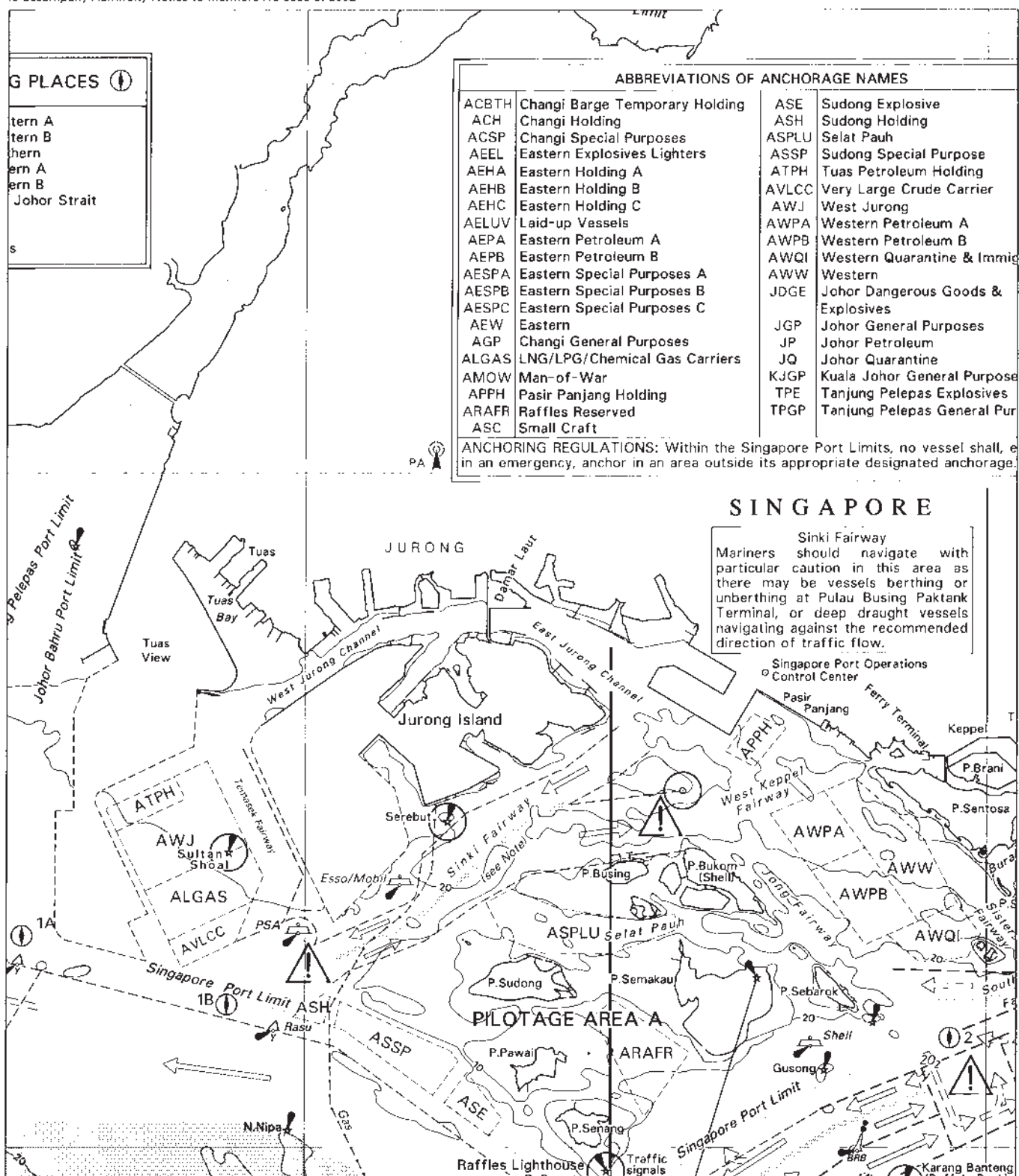
D113 CASTLEMARTIN 51° 37' 70N, 5° 10' 90W
Although no restrictions are placed on the right to transit the firing practice area at any time, mariners are advised to exercise particular caution whilst in the area. Red flags or red lights are displayed to indicate that the area is in use. The firing practice area is operated using a clear range procedure. Exercises and firing only take place when the areas are considered to be clear of all shipping. For further details see Annual Notice to Mariners No 5, Byelaws, Practice and Exercise Areas (PEXA) charts and Admiralty List of Radio Signals.

To accompany Notice to Mariners 3737/02

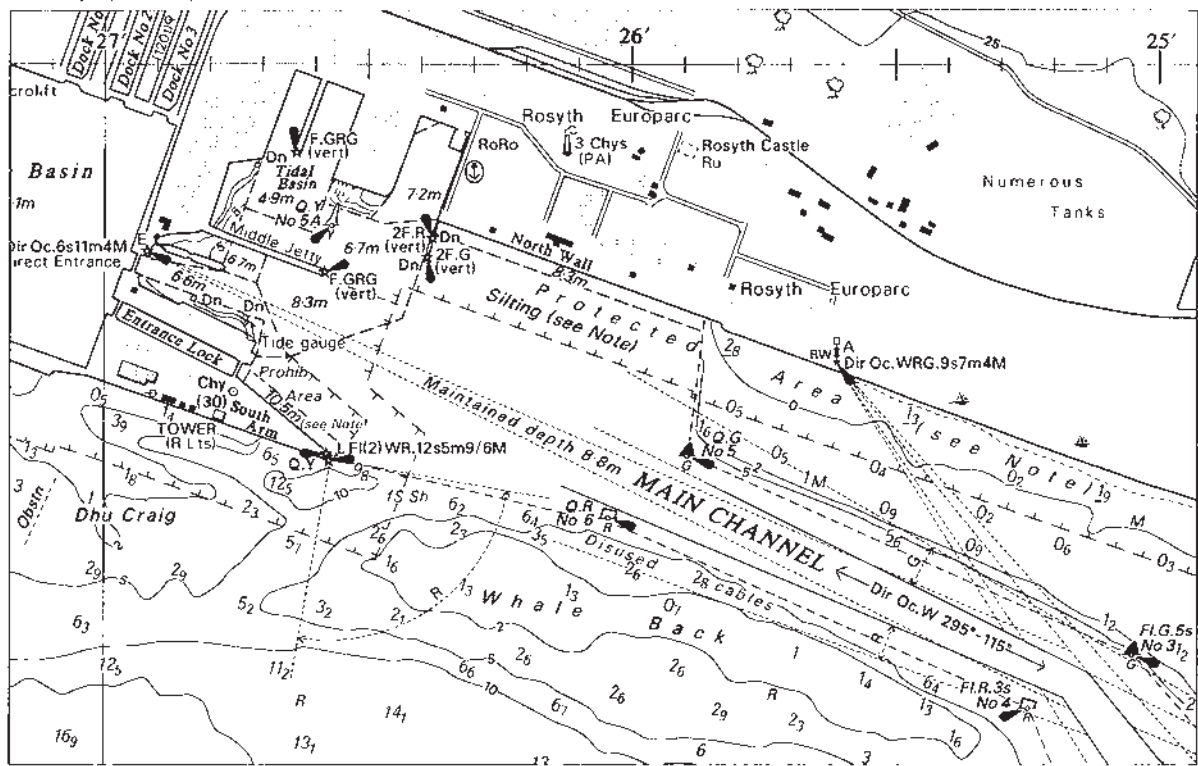
On Chart 951

TRAFFIC SEPARATION SCHEMES

For details of the recommended Traffic Separation Scheme in Yura Seto (34° 17' N, 134° 59' E), and the Voluntary Traffic Separation Schemes in the southern part of Kii Suidō (33° 52' N, 134° 57' E) and south of Shiono Misaki (33° 20' N 135° 46' E), see Admiralty Sailing Directions.



To accompany Admiralty Notice to Mariners No 3683 of 2002



To accompany Admiralty Notice to Mariners No 3687 of 2002

ing VLCC's
likely to
Singapore
of restricted

TRAFFIC SEPARATION SCHEMES

All charted Traffic Separation Schemes are listed in Admiralty Annual Notice to Mariners No 17; this indicates which schemes are IMO-adopted and includes other relevant information.

ridge unless

FERRIES

Mariners are warned of frequent ferry crossings in the Singapore Straits and should therefore navigate with particular caution:-

- In the approaches to Sisters Fairway (1°13'27" N, 103°50'6" E) south east of Sakijang Bendera (1°13'14" N, 103°52'9" E)
- In the entrance of East Keppel Fairway.

and pipelines and other structures, passage of the other purposes.

TRAFFIC SYSTEM

Designated directions of traffic flow have been established in certain Fairways and are indicated thus: →

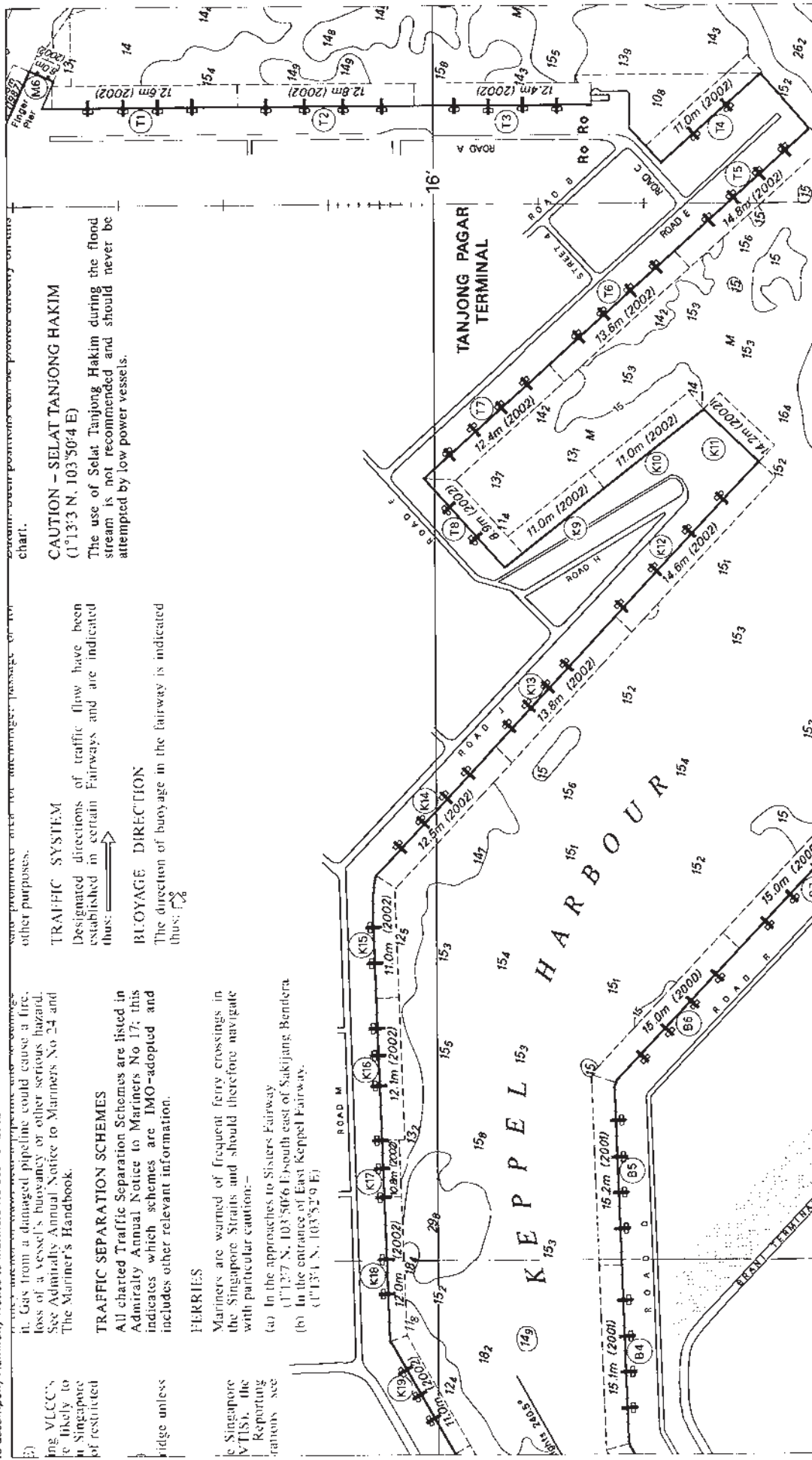
BUOYAGE DIRECTION

The direction of buoyage in the fairway is indicated thus: →

CAUTION - SELAT TANJONG HAKIM

(1°13'3" N, 103°50'4" E)

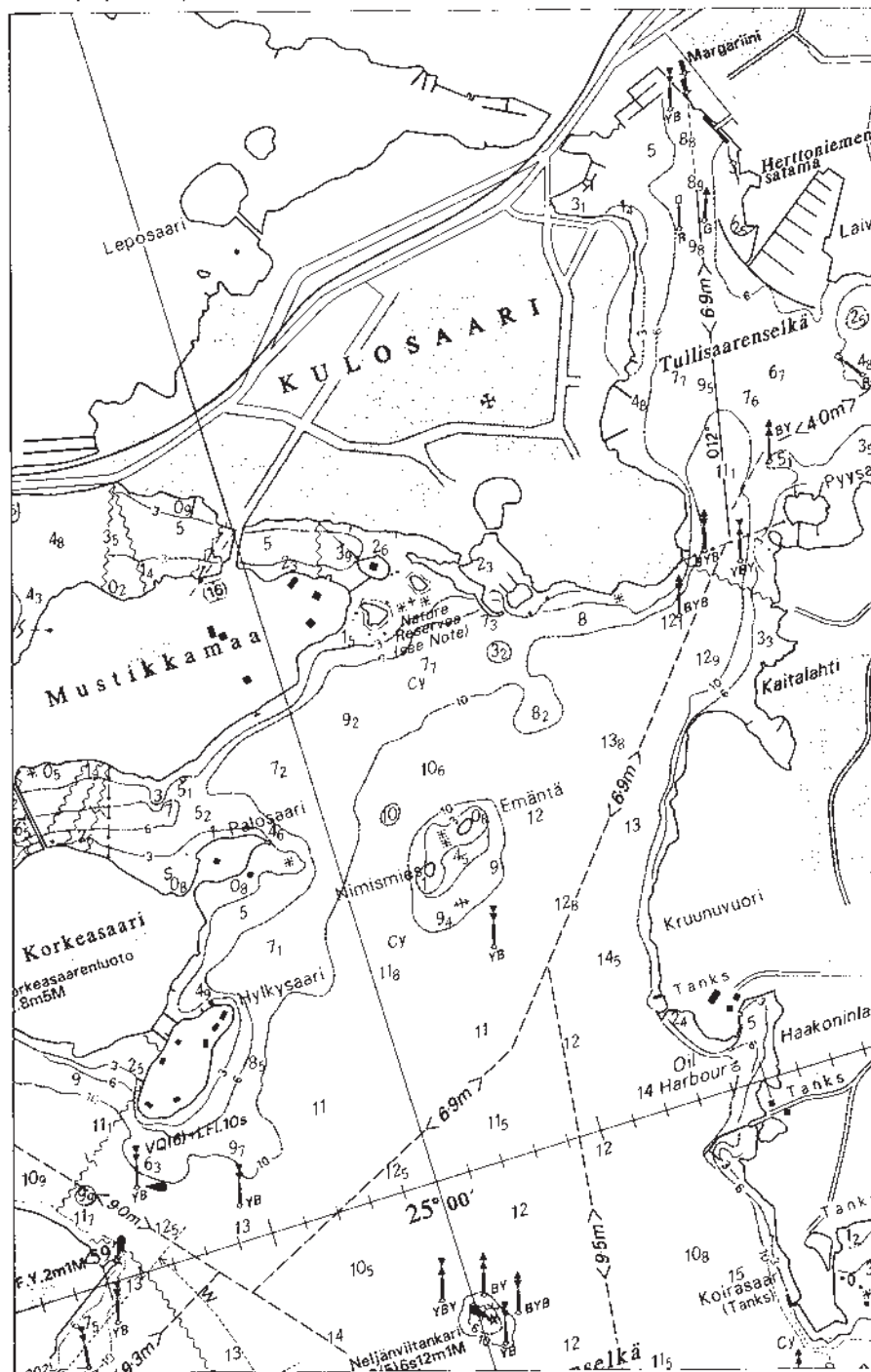
The use of Selat Tanjong Hakim during the flood stream is not recommended and should never be attempted by low power vessels.



[illegible]

22.

To accompany Admiralty Notice to Mariners No 3684 of 2002



Block for Chart 2224

Block for Chart No 944

III

NAVIGATIONAL WARNINGS

See N.M. 13/02. Messages printed below are all in force on 20 August 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) 35th Week 29/8/02.

NAVAREA I warnings in force 20/8/02: 2000 series: 397 473. 2001 series: 151 303 510.

2002 series: 128 209 259 262 267 269 284 285 293 294 300 302 303 308 309 310 312 319 322 323 324 325.

319 NORWEGIAN SEA. Senja, Northwestward. Charts BA 2367 and 2228. Rocket firings from Andøya rocket range, 69°18'N 16°00'E, between 15 Aug and 31 Oct. Predicted impact area bounded by 69°23'N 015°14'E, 70°00'N 013°53'E, 70°22'N 015°20'E and 69°42'N 016°43'E. Cancel this message 312359z Oct 02.

320 Cancelled.

321 Cancelled. Cancel 314/02.

322 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 201000z Aug 02.

52°39'1N	001°54'3E	Transocean Nordic
53°10'0N	002°51'2E	Maersk Enhancer
53°23'2N	002°09'0E	Ensco 92
53°33'3N	003°55'7E	Noble Piet van Ede
53°55'5N	000°37'6E	Noble Julie Robertson
54°14'3N	002°23'4E	Ensco 72
54°20'6N	002°52'0E	Glomar Adriatic 11
54°21'5N	003°15'1E	Noble Kolskaya

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 315/02.

323 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 201000z Aug 02.

	55°31'8N	005°00'4E	Maersk Endeavour
	55°33'5N	005°08'2E	Noble Byron Welliver
	55°40'7N	017°55'7E	Petrobaltic
	56°51'0N	002°15'3E	Galaxy 1
	56°59'4N	001°18'9E	Sedco 711
	57°03'5N	001°42'3E	West Alpha
	57°08'9N	001°48'3E	Sedco 712
	57°10'1N	001°26'2E	Santa Fe 140
	57°18'4N	001°52'3E	Sedco 714
	57°59'0N	000°09'7E	Ocean Princess
	58°06'2N	001°08'7E	Stena Spey
NEW	58°15'8N	000°31'6E	J.W.McLean
	58°32'5N	001°16'1E	Santa Fe 135
	59°09'9N	002°29'2E	Scarabeo 6
	59°18'6N	001°34'5E	Noble Ton van Langeveld
	59°26'0N	001°40'9E	Glomar Arctic 3

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 316/02.

III

324 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 201000z Aug 02.

	60°20'1N	004°02'2W	Transocean Leader
	60°24'7N	004°03'3W	Paul B Loyd Jnr
	60°47'9N	003°26'7E	Polar Pioneer
NEW	60°50'0N	003°36'3E	West Venture
	60°52'6N	003°29'7E	Maersk Jutlander
	60°53'7N	003°39'3E	West Vanguard
	60°56'5N	001°41'5E	Sedco 704
	61°03'3N	002°02'2E	Deepsea Trym
	61°04'6N	001°57'9E	Borgland Dolphin
	61°05'1N	003°31'0E	Deepsea Delta
	61°23'8N	002°07'1E	Bideford Dolphin
	61°30'9N	000°57'1E	Transocean John Shaw
	61°36'5N	001°32'9E	Ocean Guardian
	61°50'1N	003°04'4E	Deepsea Bergen
	63°34'3N	005°34'3E	Scarabeo 5
	64°15'0N	007°43'0E	Transocean Winner
NEW	65°02'0N	006°54'1E	Transocean Searcher
	65°17'2N	007°18'2E	Transocean Prospect
	66°00'8N	008°03'5E	Stena Don

NOTES:

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

2. Cancel 317/02.

325 RIGLIST. South and West Coasts of the British Isles. Correct at 201000z Aug 02.

53°55'6N	003°38'4W	Ensco 85
55°55'3N	009°39'2W	Jack Bates

NOTES:

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

2. Cancel 318/02.

(2) Navarea II (E Atlantic) 35th Week 29/8/02.

Edited Navarea II warnings in force 20/8/02: 280/02.
283 to 290 received.

(3) Navarea III (Mediterranean) 35th Week 29/8/02.

Edited Navarea III warnings in force 20/8/02: 466/01, 336/02.
369 to 376 received.

(4) Navarea IV (NW Atlantic) 35th Week 29/8/02.

Edited Navarea IV warnings in force 20/8/02: 219/02.
294 to 302 received.

(5) Navarea V (W Atlantic) 35th Week 29/8/02.

Edited Navarea V warnings in force 20/8/02: 055/01, 1368/01.
1011 to 1033 received.

(6) Navarea VI (SW Atlantic) 35th Week 29/8/02.

Edited Navarea VI warnings in force 20/8/02: 101/01, 175/01.
Nil received.

III

(7) Navarea VII (SE Atlantic) 35th Week 29/8/02.

Edited Navarea VII warnings in force 20/8/02: NIL
Nil received.

(8) Navarea VIII (Indian Ocean) 35th Week 29/8/02.

Edited Navarea VIII warnings in force 20/8/02: 388/00, 268/01, 497/01.
463 to 472 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 35th Week 29/8/02.

Edited Navarea IX warnings in force 20/8/02: NIL.
Nil received.

(10) Navarea X (Australia, New Guinea) 35th Week 29/8/02.

Edited Navarea X warnings in force 20/8/02: NIL.
Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 35th Week 29/8/02.

Edited Navarea XI warnings in force 20/8/02: NIL
477 to 498 received.

(12) Navarea XII (NE Pacific) 35th Week 29/8/02.

Edited Navarea XII warnings in force 20/8/02: NIL.
232 to 238 received.

(13) Navarea XIII (NW Pacific) 35th Week 29/8/02.

Edited Navarea XIII warnings in force 20/8/02: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 35th Week 29/8/02.

Edited Navarea XIV warnings in force 20/8/02: NIL.
126 to 129 received.

(15) Navarea XV (SE Pacific) 35th Week 29/8/02.

Edited Navarea XV warnings in force 20/8/02: NIL.
Nil received.

(16) Navarea XVI (E Pacific) 35th Week 29/8/02.

Edited Navarea XVI warnings in force 20/8/02: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 35th Week 29/8/02.

Edited Hydropacs in force 20/8/02: 1272/99, 1341/02, 1463/02.
1454 and 1464 to 1511 received.

(18) Hydrolants (Atlantic, Mediterranean) 35th Week 29/8/02.

Edited Hydrolants in force 20/8/02: 2002/98, 1581/00, 383/02.
1787 to 1837 received.

IV

[35/02]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 8 Pacific Coasts of Central America and United States Pilot (1995 Edition) — Supplement 2–2002

Costa Rica – Puerto Golfito — Leading lights and beacons obscured

92

R 66 *Add:*

Caution. It has been reported (2002) that the Puerto Golfito leading lights and their associated daymarks are obscured by vegetation.

United Kingdom Hydrographic Office
(HH. 629/500/02) [35/02]

NP 42A Japan Pilot Volume II (1979 Edition) — Supplement 10–2001

**Honshu, South Coast – Ichie Saki
Southwestwards — Voluntary Traffic Separation
Scheme discontinued**

4

R 26 Including existing Supplement amendment *Delete*

Area	Position	Para
SW of Ichie Saki	(33°31'N, 135°19'E)	7.8

181

L 68 Including existing Supplement amendment *Replace by:*

... NNW of the point.

Japan Captains' Association
(HH. 561/080/01) [35/02]

NP 45 Mediterranean Pilot Volume I (1978 Edition) — Supplement 10–1998

Tunisia – Baie de Monastir — Dangerous Wreck

167

L 48 *Add:*

A dangerous wreck, the position of which is approximate, lies in the bay in position 35°45'N, 10°55'E as shown on the chart

Hydrolant 1562/02
(HH. 407/500/02) [35/02]

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

**Fusafjorden – Hattvik — Submarine cables;
anchorage deleted**

151

L 11–13 *Replace by:*

... the SW islets of Sandholmane. **Hattvik**, 1¾ miles NNE of these islets, has a quay with depths of 4 to 6 m alongside. Anchorage in the cove is not recommended due to the presence of submarine cables. There is a vehicle ferry from Hattvik across the fjord to Fusa.

Norwegian Notice 14/597/02
(HH. 310/440/03) [35/02]

**Brandangersundet – Sløvågholmen — Submarine
cable; anchorage deleted**

199

L 53–55 Including existing Supplement amendment *Replace by:*

Sløvågholmen (Fløvåg), situated ½ mile N of Stangeneset, is not recommended for anchorage due to the presence of a submarine cable. A rock, which dries, lies 1 cable S of the W entrance point; lights are exhibited from the rock and also from the mainland 1½ cables NE. **Steinsvåg**, ½ mile farther ...

Norwegian Notice 14/599/02
(HH. 310/300/02) [35/02]

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

**Pascagoula — Arrival information; light–buoy
moved**

224

R 4–6 *Replace by:*

... be obtained between about 2 to 3 miles E to ENE of HI Light–buoy (safe water) (30°08'.5N, 88°34'.7W) in depths of about 14 m (45 to 47 ft), clear ...

R 13–14 *Replace by:*

... only. The pilot boards in position 30°09'.5N, 88°32'.5W, 2 miles NE of HI Light–buoy ...

US Notice 7/11373/02
(HH. 615/455/08) [35/02]

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2002/03. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

0094	- Banjo Pier. Head	50 21·1 Oc WR 3s 4 27·1	8	W 15 Red metal column R 12 6	<i>ec 1.</i> R207°-267°(60°), W267°-313°(46°), R313°-332°(19°)
					*
1129	-- Bassin de L'Atlantique. E side	51 01·4 Iso R 4s 2 10·5	15	5 Metal post on hut 4	
					*
1456	<i>Basse du Renier</i>	49 44·9 VQ W 1 22·1	...	4 ⚠ on yellow buoy, black top 8	
	-	... Whis			*
2179·4	- Bradwell Creek	51 44·6 Q R 0 53·3	...	...	TE; replaced by minor unlit beacon (T) 2002
					*
2342	Cromer (TH)	52 55·5 Fl W 5s 1 19·0	84	23 White 8-sided tower 18	Vis 102°-307°(205°). Range reduced to 16M (T) November 2002. Racon. Shown 24 hours. F R lights on radio masts 6·5M SE. F R lights are shown from 4 high masts at Bodham 5M WSW
					*
4226	- Ruadh Sgeir (N)	56 04·3 Fl W 6s 5 39·7	15	9 White tower 7	<i>fl 0·5</i>
			*	*	*
	WEXFORD				
5844·3	- FB1	52 20·6 2 F R(vert) 6 27·0	4	2	2m apart. (P) 2002
*	*	*	*	*	*
5844·32	- FB2	52 20·7 2 F R(vert) 6 27·0	4	2	2m apart. (P) 2002
*	*	*	*	*	*
5912	- Entrance. Aleria	53 43·3 Q G 6 14·3	18	3 Green stone beacon	Range 4M (P) 2002
					*
6288	Slyne Head. N tower. Illaunamid (I)	53 24·0 Fl(2)W 15s 10 14·0	35	24 Black tower 24	<i>fl 0·1, ec 2·4, fl 0·1, ec 12·4.</i> Racon. Fl(2)W 15s <i>(fl 0·8, ec 2·2, fl 0·8, ec 11·2)</i> 11M (T) August 2002. Range 19M (P) August 2002
					*

Volume C, 2002/03. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

0891·4	- Otterup. Yacht Harbour. E Mole. Head	55 31·6 F WRG 10 28·4	5	W 4 Metal framework tower R 2 5 G 2	G023°-193·5°(170·5°), W193·5°-221·5°(28°), R221·5°-023°(161·5°). Shown 1/4-15/11
		*		*	

V

Volume C *continued.*

1778	- Kong Frederik IX Bridge. E side	54 45·6 2 F R 11 52·0	...	...	...	Vis 336°-156°(180°). Traffic Signals. F W lights mark works in progress (T) 2002
						*
2006·75	- Langebros Bridge. Bascule. NW side	55 40·2 Fl G 3s 12 34·7	...	...	...	1 on either side of bascule. W lights mark bathing installation 250m SW
	--- SE side	... Fl R 3s	...	...	...	1 on either side of bascule
	--- Opening span	... 2 Iso W 4s	...	...	...	1 on either side of bascule
						*
2192	- N end	54 33·9 Fl R 3s 11 55·9	7	8	Grey post, round base	<i>fl 0·3</i>
						*
3854	- Approach Ldg Lts 217°48'. Front	59 29·7 Oc R 5s 24 56·6	28	10	White round metal tower with black rectangular shields on sides 25	<i>ec 2.</i> Vis on leading line only. TE 2002
						*
3854·1	-- Rear. 501m from front	59 29·4 Oc R 5s 24 56·2	46	10	White round metal tower with black rectangular shields on sides 40	<i>ec 2.</i> Vis on leading line only. TE 2002
						*
5206·81	<i>Remove from List</i>					
5920	Bonden	63 26·0 Fl WRG 6s 20 02·3	35	W 13 W 12 R 10 R 9 G 9 G 7	White round concrete tower, black band 20	G008·5°-020·5°(12°), W020·5°-027°(6·5°), R027°-044°(17°), G044°-058°(14°), W058°-063°(5°), R063°-081°(18°), G081°-097·5°(16·5°), R097·5°-107°(9·5°), G(unintens)107°-170°(63°), G170°-183°(13°), W183°-199°(16°), R199°-215·5°(16·5°), G215·5°-244°(28·5°), W244°-249°(5°), R249°-008·5°(119·5°)
						*
7236	- Approach	57 38·1 Iso WRG 4s 18 16·6	11	W 12 R 9 G 8	White tower, red band 8	R007°-044°(37°), G044°-055°(11°), W055°-087°(32°), R087°-209°(122°), G209°-239°(30°), W239°-245°(6°), R245°-296°(51°). Floodlit. R light on radio mast 2M NE. R light on mast 460m ENE
						*

Volume D, 2002/03. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

1547·1	--- Corner	43 26·4 F G 3 27·7	5	2	Concrete post 3	TE 2002
						*
1547·2	--- S Head	43 26·4 F G 3 27·8	6	4	Green 3-sided tower	TE 2002
						*

V

Volume D *continued.*

1786	- Cabo Rebordio	42 46.2 Fl(2)R 7s 9 02.9	16	7 White 6-sided tower and white house 8	Vis 168°-019°(211°)
		*			*
1791	- PUERTO DE NOIA. N Breakwater. Head	42 47.7 Fl R 5s 8 54.5	3	5 White tower 6	
		*		*	*
1791.2	-- S Breakwater. Head	42 47.6 Fl(2)G 9s 8 54.5	3	5 White tower 6	
		*		*	*
1791.9	-- N Breakwater. Head	42 45.9 Fl R 5s 8 56.8	7	3 White and red round tower 6	
		* *			*
1792.4	-- Inner Jetty. Head	42 43.7 Fl R 2s 9 00.1	...	3 Red truncated tower	
		*			*
1806	- Bajo Praguero. Shoal	42 31.0 Fl G 5s 8 52.7	8	4 White truncated conical tower, green band	
		*			*
1812	- Puerto O Grove. N Mole. Head	42 29.9 Fl(2)G 6s 8 51.4	9	3 Black and white chequered round masonry tower	
		*			*
1815	-- Tragove. Breakwater. Head	42 31.0 Fl(4)R 11s 8 49.6	9	3 Red truncated conical tower 2	
		*			*
1827	-- S Julian de Arosa. Xufre Wharf. Head	42 34.0 F R 8 52.0	7	1 Red masonry column 6	TE 2002
					*
1831.5	- Puerto Cabo Cruz. Outer Breakwater. Head	42 37.0 Fl G 5s 8 53.3	...	3 White and green round tower	
		* *			
1831.6	-- Old Breakwater. Head	42 37.0 F R 8 53.1	...	2 Metal post	TE 2002
					*
1839.5	- VILLAGARCIA. Commercial Wharf. NW corner	42 35.8 Fl(2+1)G 11.5s 8 46.5	8	5 Red column	<i>fl 0.5, ec 0.5, fl 0.5, ec 2, fl 0.5, ec 7.5.</i> TE 2002
					*
1844.2	-- Setefojas. Quay. Head	42 39.3 Q G 8 49.0	4	2 Metal post 5	
		*			
1845	- Bodion. Quay. Head	42 38.9 F R 8 51.4	...	1 Red and white post 5	TE 2002
					*

V

Volume D *continued.*

2780-5	- Puerto del Carmen. Mole. Head	28 55-1 Fl(2)G 13 40-3	4	8 Green tower	
*	*	*	*	*	*
2794-5	- Caleta de Fustes. Marina. Mole. Head	28 23-4 Fl(2)G 12s 13 51-3	9	5 White tower, green band 5	<i>fl 1, ec 2, fl 1, ec 8</i>
					*
2807-37	--- S Jetty. Head	28 07-7 Fl R 3s 15 25-4	7	3 Red pillar 5	<i>fl 0-3</i>
					*
2815-99	- Puerto de Las Nieves Agaete. Dique. Head	28 05-8 Fl(2)R 9s 15 42-6	13	12 Red support 10	<i>fl 1-5, ec 1-5, fl 1-5, ec 4-5</i>
		*		*	*
7421	<i>Remove from List</i>				

Volume E, 2002/03. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

0316-35	--- Elbow	39 30-0 Q(9)W 15s 2 44-7	6	3 Yellow tower with black band 2	<i>(fl 0-3, ec 0-7) x 8, fl 0-3, ec 6-7</i>
					*
0836-2	-- SW Head	43 42-3 Fl(3)G 12s 7 20-3	7	8 White truncated tower, dark green top 4	<i>(fl 1, ec 1-5) x 2, fl 1, ec 6</i>
		*			*
1734-5	- Foce Fiume Sele	40 28-6 Fl Y 4s 14 55-6	11	4 Yellow × on yellow beacon 6	<i>fl 1. Private</i>
		*			
3387	- Baska Voda	43 21-4 Fl R 5s 16 57-1	7	5 Red tower with column and gallery 5	<i>fl 0-5</i>
		*		*	*
4936-4	Bridge. Centre. N side	41 02-8 Q W 29 02-1	64	...	<i>See E4903-8</i>
	-- S side	... Q W	64	...	TE 2001
					*
5189-1	---- Rear	46 43-9 Iso R 4s 31 53-6	...	4	<i>Vis 205-5°-245-5°(40°)</i>
		*			
5203	-- Konstantinovskiy. Common front. Ldg Lts 143°48'	46 55-4 Fl W 2-5s 32 01-5	...	10	<i>Rear E5202-1</i>
	---- Ldg Lts 023°24'	... Fl W 2-5s	...	10	<i>Rear E5203-1</i>
	*				
5203-1	----- Rear	46 55-6 F Y 32 01-7	...	10	<i>Front E5203</i>
	*				*

V

Volume E *continued.*

6758	- Melilla	35 17·7 2 55·9	Oc(2)W 6s	40	14 White square tower and dwelling 12 *	<i>ec 1, lt 1, ec 1, lt 3</i>
6762	- NE Breakwater. Centre of head	35 17·3 2 55·4	Fl G 4s	33	5 Grey tower, green lantern and grey dwelling 30 *	<i>fl 1</i>
7260	- Platform. Hera Lacinia 14	39 03·5 17 09·9	Mo(U)W 14s	19	6 Platform	
	---	...	Horn Mo(U) 30s	...	...	<i>(bl 0·7, si 1) x 2, bl 1·6, si 25</i> *
8285·5	-- GS-324	28 12·8 33 24·1	Lit	...	... Platform	
*	*	*	*	*	*	*

Volume G, 2001/02. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

1226	Cabo Buen Tiempo	51 32·8 68 57·0	Fl(3)W 45s	113	13 Black 8-sided metal framework tower 9	<i>(fl 1, ec 7) x 2, fl 1, ec 28.</i> Vis 165°-051°(246°). Unreliable (T) 2002 *
1947·5	<i>Remove from List</i>					
3285	- Lts in line 037°. Front	8 38·1 83 10·0	F R	...	... Orange beacon	Light and dayboard obstructed by vegetation *
3285·1	-- Rear	8 38·4 83 09·8	F R	...	... Orange beacon	Light and dayboard obstructed by vegetation *
4365	- Dir Lt	39 25·6 123 48·4	F WRG	5	1 Pile	W in centre of channel. Vis 001·5°-285°(283·5°). R when right of inbound channel. Vis 280°-283·5°(3·5°). G when left of inbound channel. Vis 286·5°-290°(3·5°) * * *
4365·1	- No 10	39 25·6 123 48·3	Fl R 2·5s	7	5 Red △ on pile	* *
4431·5	<i>ODAS 46015</i>	42 44·8 124 51·3	Fl(4)W 20s	...	... Yellow superbouy	* *
*	*	*	*	*	*	*
4723·725	-- No 40	46 41·2 123 49·2	Fl R 4s	...	3 Red △ on pile	* *
*	*	*	*	*	*	*

V

Volume G *continued.*

4728-1	--- Rear. 300m from front	46 54-5 Iso R 6s 124 07-1	22	... Red □, black stripe on framework tower	Vis 1-5° each side of rangeline. Shown 24 hours
		*			*
4862-3	- Bainbridge Island. Boat Yard	47 37-1 2 Fl Y 4s 122 30-6	2	... Pile	Private
	*	* *	*		
4862-35	<i>Remove from List</i>				
5007-15	-- North Entrance. No 1	48 17-2 Fl G 6s 122 38-2	2	... Pile	Private
		*			
5008	-- Crescent Harbor. Navy Pier	48 17-1 Fl Y 6s 122 37-1	12	... On end of pier	Private
*	*	* *	*	* *	*
7200	- HILO HARBOUR. Coconut Point. Dir Lt 197°	19 43-6 Oc G 4s 155 05-2	12	... White concrete tower 10	Vis 4° each side of Dir Lt
		*		*	
7435-6	--- No 6	21 19-3 Q R 158 07-3	5	4 Red △ on pole	
		* *			

Volume H, 2001/02. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 33, dated 15th August, 2002.

3740	Western Head	43 59-3 Fl W 15s 64 39-7	17	14 White tower 14	<i>fl</i> 0-5. Vis 180°-062° (242°). Emergency light. F R on tower 5M NNW
-		... Horn 60s	...	...	<i>bl</i> 6. Horn points 104°
	*	*			*

Volume J, 2001/02. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

1477-105	----- Passing light	37 18-5 Q W 77 11-4	7	2	...	Same structure as J1477-1
*	*	* *	*	*	*	*
2231-605	--- Passing light	39 07-2 Fl W 4s 76 16-6	5	5	...	Same structure as J2231-6
*	*	* *	*	*	*	*
2231-62	--- Passing light	39 07-7 F W 76 16-2	16	6	...	Same structure as J2250
*	*	* *	*	*	*	*
3137-8	- PASS-A-GRILLE. Entrance light PG	27 40-6 Mo(A)W 82 46-0	5	5 White 8-sided daymark, red stripes, on pile		
	*	*		* *		

V

Volume J *continued.*

4414	- Isla Peréz	22 23·5 Fl(2)W 8s 89 41·5	21	20	Red round masonry tower and dwelling 18	Racon. TR 2001. TE 2002
	*			*		
4414·5	- Isla Pájaros	22 22·3 Fl W 6s 89 39·5	...	4	...	PA
*	*	*	*	*	*	*
5051	<i>Remove from List</i>					
5051·3	<i>Remove from List</i>					
5051·5	<i>Remove from List</i>					
5496·1	-- Rear. 0·65M from front	18 27·3 Oc G 4s 66 07·7	17	...	Red □, white stripe, on framework tower	<i>ec l.</i> Vis 185·7°-189·7°(4°). Shown 24 hours
		*				
5657·7	- Gailsbay. Jetty. Head	18 05·0 Fl(3)WRG 12s 63 05·2	10	W 8 R 6 G 6	Metal post	R080°-100°(20°), W100°-106·5°(6·5°), G106·5°-123°(16·5°). TE 2002
						*
5728	- Port de Beauséjour. Jetty. Head	16 18·2 Fl(2)R 6s 61 04·1	...	2	White pylon, red top	
						*

Volume K, 2002/03. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

1820	- Evans Island. Summit (CO)	32 22·8 Fl W 5s 133 28·6	40	9	White GRP hut 2	<i>fl l.</i> Fl W 5s, fl 0·1, 17M (P) September 2002
						*
1872·3	- N Neptunes	35 14·0 Fl W 5s 136 03·5	48	10	White GRP hut 4	<i>fl 0·5.</i> To be withdrawn (P) September 2002
						*
2582	- Ldg Lts 276°. Front	35 43·2 Iso Y 2s 150 11·6	9	4	Orange △ 9	May be moved up to 3·3° either side of lead bearing to meet changes in the channel
	---	... F Bu	7	4	Blue △ 7	LED
	*					*
2627·8	-	33 58·4 Iso Y 3s 151 11·7	...	2	...	Vis 310·5°-313·5°(3°)
*	*	*	*	*	*	*
2695·45	- SE	33 51·2 F G 151 11·8	...	2		
*	*	*	*	*	*	*
2696·46	-- Lts in line 155·4°. Front	33 51·9 Fl(4)Y 10s 151 11·4				
*	*	*	*	*	*	*

V

Volume K *continued.*

2696-461	--- Rear	33 51-9 LFI Y 10s 151 11-4					
*	*	*	*	*	*	*	*
2775-646	- Shag Rocks	32 41-4 Q W 152 03-1	...	...	△ on yellow beacon, black top		
*	*	*	*	*	*	*	*
2885-28	<i>Remove from List</i>						
2901-9	<i>Remove from List</i>						
2901-905	Off Point Halloran. NE	27 33-8 FI R 3s 153 19-1	...	...	Red □ on beacon		
*	*	*	*	*	*	*	*
2901-98	Off Victoria Point	27 35-1 Q(3)W 10s 153 19-2	...	...	◇ on black beacon, yellow band		
*	*	*	*	*	*	*	*
2901-99	<i>Remove from List</i>						
2956-11	- Channel Entrance. No 1	24 45-3 Q(3)W 10s 152 28-1	...	...	◇ on black beacon, yellow band		
							*
2956-12	-- No 2	24 45-4 FI R 2s 152 28-1					
						*	*
2956-13	-- No 3	24 45-3 FI G 4s 152 27-0	...	...	...		FI G 4s and FI R 4s lights (<i>fl 1-3</i>) in Sea Reach, Middle Reach and Inner Reach of Burnett River are synchronized. If synchronized system fails, lights temporarily revert to FI G 4-3s and FI R 4-3s
							*
2956-14	-- No 4	24 45-4 FI R 4s 152 27-0					
							*
2956-3	<i>Remove from List</i>						
2956-31	-- No 5	24 45-3 FI G 4s 152 26-0					
							*
2956-4	<i>Remove from List</i>						
2956-41	-- No 6	24 45-4 FI R 4s 152 26-0					
							*
2956-51	- BURNETT RIVER. No 7	24 45-3 FI G 4s 152 25-4					
	*						*
2956-61	-- No 8	24 45-4 FI R 4s 152 25-4					
							*

V

Volume K *continued.*

~~2958-06~~ *Remove from List*

~~2958-08~~ *Remove from List*

~~2958-121~~ -- No 9 24 45-3 Fl G 4s
152 24-8

*

~~2958-14~~ *Remove from List*

~~2958-141~~ -- No 10 24 45-4 Fl R 4s
152 24-8

*

~~2958-161~~ -- No 11 24 45-3 Fl G 4s
152 24-4

*

~~2958-18~~ *Remove from List*

~~2958-181~~ -- No 12 24 45-4 Fl R 4s
152 24-4

*

~~2958-2~~ *Remove from List*

~~2958-22~~ *Remove from List*

~~2958-34~~ *Remove from List*

~~2958-353~~ -- 24 45-6 Fl Y 3s
152 23-8

* * * * * *

~~2958-355~~ -- 24 45-5 Fl Y 3s
152 23-6

* * * * * *

~~2958-357~~ -- 24 45-6 Fl Y 3s
152 23-5

* * * * * *

~~2958-36~~ *Remove from List*

~~2958-39~~ *Remove from List*

~~2958-4~~ *Remove from List*

~~2958-401~~ -- No 18 24 45-6 Fl R 2s
152 23-2

*

~~2958-42~~ *Remove from List*

~~2958-421~~ -- No 19 24 45-7 Fl G 4s
152 23-0

*

~~2958-44~~ *Remove from List*

~~2958-451~~ -- 24 45-8 Fl R
152 23-0

* * * * * *

~~2958-453~~ -- 24 45-9 Fl R
152 23-0

* * * * * *

V

Volume K *continued.*

2958-5 *Remove from List*

2958-521 -- No 20 24 45-9 Fl R 4s
152 22-9

*

2958-54 *Remove from List*

2958-541 -- No 22 24 45-9 Fl R 4s
152 22-9

*

2958-56 *Remove from List*

2958-62 *Remove from List*

2958-64 *Remove from List*

2958-641 -- No 23 24 45-9 Fl G 4s
152 22-8

*

3013-8 Heron Island 23 25-5 Fl G 1-5s
151 55-5

* * * * *

3440 Shortland Reef 10 30-4 Fl(3)W 12s 11 10 White pile structure
151 07-8 10 *(fl 0-5, ec 1-5) x 2, fl 0-5, ec 7-5.*
TE 2002

*

3648-5 *Remove from List*

4710 - Naikorokoro 17 39-2 Fl(2)W 6s 13 10 White structure on black
177 22-7 piles
15

*

4730 **Wakaya Reef.** S end 17 41-4 Fl(2)W 15s 23 **19** White 8-sided tower, red
179 04-9 bands
25 *fl 0-3, ec 2, fl 0-3, ec 12-4.*
TE 2002

*

4740 **Koro.** Muanivanua Point 17 23-7 Fl(2)W 10s 62 **18** White framework tower
179 23-0 25 Obscured by land when bearing less than
250°. **TE 2002**

*

4789-5 Marina de Pandop. Jetty. 20 34-8 Fl G 4s *fl 0-5*
Head 164 16-4
* *

*

4789-55 *Remove from List*

Volume L, 2002/03. Weekly Edition No. 35, Dated 29th August, 2002.

Last Amendment: Weekly Edition No. 34, dated 22nd August, 2002.

1165 - Tjeldbergodden. Mole 63 24-9 F R
8 40-6

* * * * *

4301 *Remove from List*

V

Volume L *continued.*

5640	- Itivdleq. Qeqertarssuatsiaq	66 30·5 Fl WRG 5s 53 41·5	40	W 8 Orange tower R 6 5 G 5	<i>fl</i> 1. G010°-055°(45°), W055°-134°(79°), R134°-144°(10°), G144°-172°(28°), W172°-177°(5°), R177°-185°(8°), G185°-230°(45°), W230°-240°(10°), R240°-010°(130°). Shown sunset to sunrise
					*
5660	- Møllers Ø	66 55·2 Fl W 3s 53 45·0	36	7 Yellow tower, red band 7	<i>fl</i> 0·75. Racon. Shown sunset to sunrise
				*	*
5680	- PRÆSTEFJELD. Ldg Lts 007°. Front	66 56·9 Iso W 2s 53 43·4	14	9 Orange hut	Vis 004°-010°(6°). Shown sunset to sunrise
		*		*	*
5680·1	--- Rear. 500m from front	66 57·2 Iso W 4s 53 43·3	28	9 Orange hut	Vis 004°-010°(6°). Shown sunset to sunrise
				*	*
5718	Sydbay. Ukivik	67 13·2 Fl(2)W 10s 53 55·0	88	11 Orange tower 5	<i>fl</i> 1, <i>ec</i> 1, <i>fl</i> 1, <i>ec</i> 7. Shown sunset to sunrise
					*
8274	Sopochnyy. Ldg Lts 038°48'. Front	70 23·4 Fl W 1·5s 83 05·6	20	11 White □, black stripe, on metal framework tower 19	<i>fl</i> 0·5. Vis on leading line only. Ra refl. Destroyed (T) 2002
					*
8278	Angedinskiy. Ldg Lts 339°24'. Front	70 13·8 Fl W 1·5s 82 39·8	13	6 White □, black stripe, on metal framework tower 12	<i>fl</i> 0·5. Vis on leading line only. Destroyed (T) 2002
					*
8278·1	-- Rear. 366m from front	70 14·0 LFl W 6s 82 39·6	22	6 White □, black stripe, on metal framework tower 15	<i>fl</i> 2. Vis on leading line only. Destroyed (T) 2002
					*
8280·1	-- Rear. 750m from front	70 09·9 LFl W 6s 82 38·0	28	11 White □, black stripe, on metal framework tower 21	<i>fl</i> 2. Vis on leading line only. Ra refl. Destroyed (T) 2002
					*
8290	Ostrov Bol'shoy. Ldg Lts 306°30'. Front	69 55·6 Fl W 1·5s 83 25·2	18	6 White □, black stripe, on framework tower 10	<i>fl</i> 0·5. Vis on leading line only. Destroyed (T) 2002
					*
8292	Malyy Yenisey. Ldg Lts 142°30'. Front	69 42·2 Fl W 1·5s 84 00·7	16	12 Black □, white stripe, on framework tower 12	<i>fl</i> 0·5. Vis on leading line only. Destroyed (T) 2002
					*
8292·1	-- Rear. 330m from front	69 42·1 LFl W 6s 84 01·1	30	12 Black □, white stripe, on framework tower 18	<i>fl</i> 2. Vis on leading line only. Destroyed (T) 2002
					*

V

Volume L *continued.*

8294	Kazanskiy. Ldg Lts 311°42'. Front	69 48·8 Fl W 1·5s 83 44·2	18	11 White  , black stripe, on framework tower 12	<i>fl 0·5.</i> Vis on leading line only. Destroyed (T) 2002
*					
8301	Ostyatskiy. Ldg Lts 111°12'. Front	69 33·4 Fl W 1·5s 84 22·7	12	4 White  , black stripe, on framework tower 10	<i>fl 0·5.</i> Vis on leading line only. Destroyed (T) 2002
*					
8301·1	-- Rear. 110m from front	69 33·4 LFl W 6s 84 22·8	28	4 Black  , white stripe, on framework tower 14	<i>fl 2.</i> Vis on leading line only. Ra refl. Same structure as L8304·1. Destroyed (T) 2002
*					
8302	Bol'shekhetskiy. Ldg Lts 244°42'. Front	69 33·4 Fl R 1·5s 84 15·6	17	5 White truncated pyramid, black stripe 12	<i>fl 0·5.</i> Vis on leading line only. Ra refl. Destroyed (T) 2002
*					
8304	Malokhetskiy. Ldg Lts 213°30'. Front	69 33·5 Fl W 1·5s 84 23·1	12	8 Black  , white stripe, on framework tower 9	<i>fl 0·5.</i> Vis on leading line only. Destroyed (T) 2002
*					
8345	Vstrechnyy. Ldg Lts 217°18'. Front	69 10·0 Fl W 1·5s 85 48·9	19	5 White  , black stripe on red mast 7	<i>fl 0·5.</i> Vis on leading line only. Destroyed (T) 2002
*					
8345·1	-- Rear. 183m from front	69 09·9 LFl W 6s 85 48·8	25	5 White  , black stripe, on red mast 13	<i>fl 2.</i> Vis on leading line only. Destroyed (T) 2002. For continuation up river <i>see</i> L8348
*					
8398	Novo-Plakhinskiy. Ldg Lts 040°12'. Front	67 53·2 Fl W 1·5s 86 36·8	25	10 White  , black stripe, on framework tower 9	<i>fl 0·5.</i> Vis on leading line only. Destroyed (T) 2002
*					
8416	Ostrovnoy Igarskiy	67 27·1 Fl W 2·5s 86 32·4	26	4 Red  , on mast with gallery 9	<i>fl 0·3.</i> Destroyed (T) 2002
*					

VI

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 35 dated 29 August 2002

VOLUME 1, PART 1, NP 281(1), 2002/03

Published Wk 26/02

(Last amendments: Weekly Edition No. 34 dated 22 August 2002)

COAST RADIO STATIONS

Page 61, **DJIBOUTI, Djibouti (J2A) [4680]**, delete Radiotelex table and replace by:

Radiotelex [4680]

	8707 (Ch 805)	8346	1300–0700
	13091.5 (Ch 1241)	12511.5	0700–1300
	17216 (Ch 1638)	16679	
	22566 (Ch 2210)	22197	
TRAFFIC LISTS: 8707 kHz: 0400 0500 0600 1400 1600 13091.5 kHz: 0700 0800 1200 1300			

Djibouti Radio (HH080/016/06 - E42) 35/02

Page 154, **OMAN, Masqaţ (Muscat) (Wattayah Radio Station) (A4M)**, delete VHF table and replace by:

VHF

Al Ashkara	Ch 16 81 86	21°51'N 59°34'E
Khaşab	Ch 16 23 82	26°09'N 56°14'E
Masqaţ (Wattayah)	Ch 03 04 16 26 27	23°37'N 58°30'E
Şalālah	Ch 16 26 27	17°02'N 54°17'E
HOURS OF WATCH: Ch 16: H24		

Wattayah Coast Station (HH080/016/06 - E41) 35/02

VOLUME 2, NP 282, 2002/03

Published Wk 6/02

(Last Amendments: Weekly Edition No. 34 dated 22 August 2002)

RADAR BEACONS

Page 165, **CUBA** section, insert:

Page 129, **TAIWAN** section :

80900 T'ai- Chung South Breakwater Lt

Delete position and replace by: 24°17'·52N 120°29'·55E

Chinese Notice 26/02 (HH549/408/03 - E21) 35/02

Punta Lucrecia Lt Racon
(3 & 10 cm)

21°04'·20N 75°37'·10W **94530**
G

Cuban Notice 6/45/2002 (HH681/410/03 - E19) and Correcciones de Publicaciones Náuticas 6/48/02 (HH080/025/05 - E38) 35/02

VI

VOLUME 3, PART 1, NP 283(1), 2002/03

Published Wk 22/02

(Last Amendments: Weekly Edition No. 33 dated 15 August 2002)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 265, **UNITED KINGDOM, Firing and Practice Exercise Areas, Firing Range** table, row 4, delete **Castlemartin Range (East) (Navy)** section

Civil Aviation Authority (HH202/155/07 - E32) 35/02

VOLUME 6, PART 1, NP 286(1), 2001/02

Published Wk 41/01

(Last Amendments: Weekly Edition No. 33 dated 15 August 2002)

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

VOLUME 6, PART 4, NP 286(4), 2001/02

Published Wk 41/01

(Last Amendments: Weekly Edition No. 32 dated 8 August 2002)

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

VOLUME 6, PART 2, NP 286(2), 2001/02

Published Wk 41/01

(Last Amendments: Weekly Edition No. 34 dated 22 August 2002)

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

VOLUME 6, PART 5, NP 286(5), 2001/02

Published Wk 41/01

(Last Amendments: Weekly Edition No. 33 dated 15 August 2002)

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

VOLUME 6, PART 3, NP 286(3), 2001/02

Published Wk 41/01

(Last Amendments: Weekly Edition No. 25 dated 20 June 2002)

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

VOLUME 8, 2002/03

Published Wk 11/02

(Last Amendments: Weekly Edition No. 34 dated 22 August 2002)

Page 57, **UNITED STATES (Pacific Coast)** section, Lompoc, delete station name and replace by: Point Arguello, California.

Positions column, delete position and replace by: 34°34'·40N 120°38'·40W

US List of Lights 2002 (HH080/060/12 - E60) 35/02

VI

ADMIRALTY MARITIME COMMUNICATIONS United Kingdom and the Mediterranean, NP 289, Second Edition

Published Wk 15/01

(Last Amendments: Weekly Edition No. 30 dated 25 July 2002)

NAVTEX

Pages 73, **NAVTEX [U] [I] [T] [C]**, **Weather Bulletins table**

Delete: **U to Strong Wind Warnings section**

Delete: **I to Strong Wind Warnings section**

Delete: **C to Strong Wind Warnings section**

Maritime and Coastguard Agency (HH080/079/03 - E21) 35/02

SAFETY AND WEATHER ATLANTIC COAST

Page 130, **AÇORES (Portugal), Horta (CTH) (Radionaval)**,

Delete station and replace by:

Horta (Radionaval)			
A	2657	RT (MF)	
B	Ch 11	VHF	
DIAGRAM: page 129			
Weather Bulletins		Navigational Warnings	
A: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Areas 3, 5, 7, 30 and 31. In Portuguese, repeated in English.	A: 0705 1905	Warnings within 200 n miles offshore coast of Açores. In Portuguese, repeated in English.
B: 0900 2100	Local warnings for Faial, Graciosa, Pico, São Jorge, and Terceira	B: 0900 2100	Local warnings for Faial, Graciosa, Pico, São Jorge, and Terceira
B: 1000 1900	Local forecasts for Corvo and Flores	B: 1000 1900	Local warnings for Corvo and Flores
NAVTEX [F] [J]			
F	Horta	518 kHz	38°32'N 28°38'W
J	Horta	490 kHz	38°32'N 28°38'W
DIAGRAM: page 129			
Weather Bulletins		Navigational Warnings	
F: On receipt 0050 0450 0850 1250 1650 2050	Storm Warnings and Gale Warnings. Synopsis, 24 hour forecast for Areas Altair, Açores, Irving, Milne and Marsala. In English.	F: 0050 0450 0850 1250 1650 2050	Warnings for Areas Altair, Açores, Irving, Milne and Marsala. In English.
J: 0120 0520 0920 1320 1720 2120	In Portuguese	J: 0120 0520 0920 1320 1720 2120	In Portuguese

35/02

VI

Page 130, insert station:

Ponta Delgada (Radionaval)				
A	Ch 11	VHF		
DIAGRAM: page 129				
Weather Bulletins		Navigational Warnings		
A: 0830 2000	Local forecasts for Santa Maria and São Miguel	A: 0830 2000	Local warnings for Santa Maria and São Miguel	

Portuguese Notice 208/02 (HH080/008/07 - E10 & E15) 35/02

MARINAS, PORTS AND VTS - FRANCE, NORTH COAST - DUNKERQUE TO MORLAIX

Page 272, OUISTREHAM

delete FREQUENCY: Port: to 68 *and replace by:*

FREQUENCY: Port: Ch 68 74

French Notice 28/02 (HH080/007/07 - E39) 35/02

MARINAS, PORTS AND VTS - FRANCE, ATLANTIC COAST - LE CONQUET TO HENDAYE

Page 295, LE VERDON

Port: *delete* CALL: Radar Verdon *and replace by:* CALL: Port du Verdon

La Gironde Pilots (HH080/007/07 - E40) 35/02

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