



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 31

1 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 (Whereas YY refers to the Year). The Annual Summary is segregated into three files as follows:

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

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

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

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

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

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49–RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

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.

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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

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I

EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

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 – 2.7
(2)	British Isles	2.8 – 2.9
(3)	North Russia, Norway, The Faeroe Islands and Iceland	2.9
(4)	Baltic Sea	2.9 – 2.10
(5)	North Sea and North and West Coasts of Denmark, Germany, Netherlands and Belgium	2.10 – 2.12
(6)	France and Spain, North and West Coasts, and Portugal	2.12 – 2.13
(7)	North Atlantic Ocean	
(8)	Mediterranean and Black Seas	2.13 – 2.15
(9)	Africa, West Coast and South Atlantic	2.15
(10)	Africa, South and East Coasts, and Madagascar	
(11)	Red Sea, Arabia, Iraq and Iran	2.15
(12)	Indian Ocean, Pakistan, India, Sri Lanka, Bangladesh and Burma	2.15 – 2.16
(13)	Malacca Strait, Singapore Strait and Sumatra	2.17
(14)	China Sea with its West Shore and China	2.17 – 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	2.20 – 2.21
(19)	New Zealand	
(20)	Pacific Ocean	2.22
(21)	Aleutian Islands, Alaska and West Coast of North America including Mexico	2.22
(22)	West Coasts of Central and South America	2.22
(23)	Antarctica	
(24)	East Coast of South America and the Falkland Islands	
(25)	Caribbean Sea, West Indies and the Gulf of Mexico	2.23 – 2.25
(26)	East Coast of North America and Greenland	2.25 – 2.26
(27)	T & P Notices	2.27 – 2.32

I

INDEX OF NOTICES AND CHART FOLIOS

Notice No.	Page	Admiralty Chart Folio	Notice No.	Page	Admiralty Chart Folio
PL	2.1	2, 3, 7, 13, 14, 20, 25, 40, 25, 40, 71, 72, 78, 83	3275	2.18	53
3216	2.9	12	3276	2.18	53
3217*	2.15	34	3277	2.19	53
3218	2.25	79	3278	2.19	55
3219*	2.8	7, 8	3279	2.19	53
3220*	2.8	7	3280	2.19	53
3221*	2.8	3	3281	2.19	54
3222*	2.8	3	3282	2.19	52
3223*	2.9	3	3283	2.20	52
3224	2.9	13	3284	2.20	52
3225	2.9	11	3285	2.20	52
3226	2.9	11	3286	2.20	52
3227	2.9	10	3287*	2.20	46
3228	2.9	10	3288	2.20	46, 47, 59, 60, 64
3229	2.10	10	3289	2.20	66
3230	2.10	10	3290	2.21	64
3231	2.10	10	3291	2.21	65
3232	2.10	9, 10	3292	2.21	65
3233*	2.10	7	3293	2.21	65
3234*	2.11	6	3294	2.21	65
3235	2.11	9	3295	2.21	65
3236	2.11	9	3296	2.22	74
3237	2.11	9	3297	2.22	90
3238	2.11	9	3298	2.22	90
3239	2.12	9	3299	2.22	90
3240	2.12	16	3300	2.22	89
3241	2.12	17	3301	2.22	98
3242	2.12	17	3302	2.22	97
3243	2.12	17	3303	2.23	83
3244	2.12	16, 17	3304	2.23	83
3245	2.12	17	3305	2.23	83
3246	2.13	17	3306	2.24	83
3247	2.13	18	3307	2.24	83
3248	2.13	18	3308	2.25	83
3249	2.13	18, 26	3309	2.25	83
3250	2.13	18, 26	3310	2.25	81
3251	2.13	18, 26	3311	2.26	81
3252	2.13	18, 24, 25, 312	3312	2.26	81
3253	2.14	25	3313	2.26	81
3254	2.14	27	3314	2.26	81
3255	2.14	27	3315(P)/02	2.27	4
3256	2.14	27	3316(P)/02	2.27	11
3257	2.14	28	3317(P)/02	2.28	18
3258	2.14	29	3318(P)/02	2.28	42
3259	2.14	24, 28	3319(P)/02	2.28	43
3260	2.15	29	3320(P)/02	2.29	50
3261	2.15	24, 312	3321(P)/02	2.29	50
3262	2.15	40	3322(P)/02	2.29	50
3263	2.15	41	3323(P)/02	2.30	50
3264	2.16	42	3324(P)/02	2.30	52
3265	2.16	43	3325(T)/02	2.30	54
3266	2.16	43	3326(T)/02	2.30	65
3267	2.16	43	3327(T)/02	2.30	66
3268*	2.16	43	3328(T)/02	2.30	63
3269	2.17	46	3329(T)/02	2.31	63
3270	2.17	47, 48	3330(T)/02	2.31	64
3271	2.17	47	3331(T)/02	2.31	64
3272	2.17	50	3332(T)/02	2.31	64
3273	2.17	50	3333(T)/02	2.32	65
3274	2.18	52, 53	3334	2.33	—
			3335	2.7	1, 7, 8, 9, 25, 40, 78

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
20	3244	1458	3253
48	3298	1486	3263
53	3316P	1490	3296
76	3297	1504	3335
80	3297	1513	3257
110	3335	1522	3258
112	3238	1558	3282
122	3335	1586	3264, 3318P
133	3239	1601	3322P
180	3259	1602	3323P
186	3254, 3255	1610	3335
200	3256	1661	PL
220	3256	1662	PL
274	3233	1704	3335
290	3335	1730	3248, 3249, 3250, 3251
292	3234	1731	3249, 3250, 3251
323	3335	1756	3247
342	3271	1767	3272, 3320P
343	3271	1826	3222
554	3302	1859	PL
654	3276, 3277	1872	3335
728	PL	1887	3217
736	3220	1888	3217
769	3270	1951	PL
773	3252	1981	3222
823	3267	1984	3315P
826	3267	2010	3222
829	3319P	2052	3335
833	3268	2058	3319P
896	3285	2060	3265, 3266, 3319P
898	3286	2061	3265, 3319P
902	3230	2062	3319P
903	3230	2063	3319P
938	3229	2096	3315P
941A	3269, 3287, 3288	2106	3228
941B	3288	2107	3232
952	3279	2117	3228
1053	3300	2173	3315P
1055	3260	2278	3227
1062	3259	2322	3335
1065	3285	2323	3300
1066	3288	2358	3242
1080	3226	2401	3275
1085	3259	2412	3274
1121	3222	2414	3270
1150	3245	2420	3315P
1156	PL	2449	3335
1173	3246	2499	3221
1180	PL	2563	3310
1183	3219, 3335	2564	3310
1196	PL	2590	3231
1249	3324P	2593	3237
1301	3278	2595	3230
1309	3296	2646	3243
1312	3269, 3287	2663	3244
1320	3222	2664	3244
1373	3302	2710	3311
1402	3232	2728	3314
1406	3335	2755	3312
1408	3335	2820	3241
1439	3259	2847	3262

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
2849	3299	4508	3288
2858	3262	4708	3288
2861	3311	4739	PL
2882	3262	4775	3218
2884	3262	4776	3218
2957	3279		
2982	PL	Australian Chart No.	Notices
3009	3224		
3081	3301	Aus 81	3290
3119	3261	Aus 112	3331T
3149	3307	Aus 113	3332T
3150	3306	Aus 136	3292
3151	3306	Aus 143	3293, 3294, 3326T
3158	3216	Aus 144	3326T
3188	PL	Aus 154	3333T
3204	3312	Aus 158	3293, 3326T
3268	3235	Aus 236	3327T
3276	3317P	Aus 237	3327T
3338	3315P	Aus 327	3328T
3339	3315P	Aus 329	3329T
3371	PL	Aus 333	3330T, 3331T
3373	3280	Aus 334	3331T
3377	PL	Aus 344	3291
3378	3324P	Aus 357	3295
3390	3283	Aus 358	3295
3391	3284	Aus 372	3289
3437	3225	Aus 444	3291
3449	3272, 3273, 3320P, 3321P	Aus 741	3328T
3454	3313	Aus 754	3331T
3469	3325T	Aus 778	3291
3480	3274	Aus 829	3289
3482	3270	Aus 830	3289
3490	3223		
3535	PL	New Zealand Chart No.	Notices
3536	PL		
3543	3270	NZ 53	PL
3578	3252	NZ 71	PL
3581	3264, 3318P	NZ 72	PL
3602	3325T	NZ 73	PL
3603	3281		
3604	3281	International Chart No.	Notices
3621	3236		
3666	3285	INT 508	3288
3670	3240	INT 550	3270
3673	3240	INT 708	3288
3684	3309	INT 1062	3222
3731	3288	INT 1300	3232
3758	3287	INT 1301	3232
3761	3237	INT 1303	3228
3764	3247	INT 1332	3230
3774	3262	INT 1333	3230
3789	PL	INT 1334	3230
3791	3335	INT 1369	3229
3848	3308	INT 1380	3231
3850	3304, 3305	INT 1414	3237
3851	3306	INT 1415	3335
3852	3306	INT 1416	PL
3854	3304	INT 1455	3235
3856	3303		
3857	3303		
3858	3306		

I

[31/02]

INDEX OF CHARTS AFFECTED

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

International Chart No.	Notices	Admiralty Chart No.	Notices
INT 1457	3236		
INT 1472	3335		
INT 1473	3335		
INT 1476	3239		
INT 1510	3335		
INT 1511	3335		
INT 1546	3220		
INT 1560	3335		
INT 1561	3219, 3335		
INT 1564	3335		
INT 1607	3222		
INT 1640	3222		
INT 1642	PL		
INT 1643	3223		
INT 1655	PL		
INT 1660	3221		
INT 1755	3240		
INT 1851	3246		
INT 1951	PL		
INT 1952	PL		
INT 3184	PL		
INT 3185	PL		
INT 3554	3261		
INT 5251	3285		
INT 5355	3285		
INT 5360	3284		
INT 5362	3283		
INT 7438	3267		
INT 7441	3267		

II

[31/02]

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 1 August 2002

Chart	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
4739	Canada, Newfoundland/Terre-Neuve, Southeast Coast/Côte Sud-Est, Head of/Fond de Placentia Bay. 47°35'·65N. — 47°51'·83N., 53°45'·78W. — 54°21'·00W.	1:40,000	78	126	£16·30
	Continuation A.	1:40,000			
	47°50'·40N. — 47°53'·70N., 54°08'·80W. — 54°14'·60W.				
	Continuation B.	1:40,000			
	47°50'·00N. — 47°53'·35N., 54°04'·00W. — 54°07'·00W.				
	Come By Chance and/et Arnold's Cove.	1:20,000			
	47°44'·10N. — 47°49'·10N., 53°59'·15W. — 54°03'·85W.				
	<i>Additional to existing chart cover, providing improved coverage of the Head of Placentia Bay and Come By Chance. The chart is referred to North American Datum (1983). (This chart is a modified reproduction of Canadian Chart 4839 originally published by the Canadian Hydrographic Service).</i>				

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 1 August 2002

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙1156	England - West Coast, Trevoise Head to Hartland Point.	1:75,000	2	16, 18	£16·30
	<i>Includes extensive changes to depths from the latest British Government surveys and details of firing practice area limits.</i>				
	<i>Note: This chart is to be deleted from the list of charts affected by Former Notice 3335(P)/01. This chart remains affected by Former Notice 2366(P)/02.</i>				
⊙1180 INT 3185	International Chart Series, Mediterranean Sea, Spain - East Coast, Barcelona.	1:10,000	25	38	£16·30
	<i>Includes the latest harbour developments and minor changes to lights and buoyage. The chart is now referred to WGS84 datum. (A modified reproduction of INT 3185 originally published by the Spanish Hydrographic Office).</i>				
⊙1196 INT 3184	International Chart Series, Mediterranean Sea, Spain - East Coast, Approaches to Barcelona.	1:25,000	25	38	£16·30
	<i>Includes the latest harbour developments and minor changes to lights and buoyage. The chart is now referred to WGS84 datum. (A modified reproduction of INT 3184 originally published by the Spanish Hydrographic Office).</i>				

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 1 August (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙3188	United States - Gulf of Mexico, Texas, Houston Ship Channel, Carpenter Bayou to Houston Turning Basin. <i>Includes changes to maintained channel depths and other depths from the latest US Government Chart.</i>	1:10,000	83	118	£16.30
⊙3371 INT 1416	International Chart Series, Netherlands, North Sea, West Hinder and Outer Gabbard to Vlissingen and Scheveningen. <i>Includes changes to depths throughout from the latest British Government surveys and Netherlands Government surveys. Additional deep water areas in Noord Hinder junction and Eurogeul and Netherlands maritime limits have been added. The chart is now referred to WGS84 datum.</i>	1:150,000	7	20, 28	£16.30
⊙3377	Norway - West Coast, Approaches to Svolvær. Svolvær Havn. <i>This partial new edition is limited to include amendments to light sectors and coastline.</i>	1:50,000 1:7,500	14	34	£16.30
⊙3789	Qatar, Ra's Laffan. 25°56'·40N. — 25°54'·28N., 51°34'·00E. — 51°37'·90E. <i>Includes new port development, service berths and amendments to lights and buoyage. The southern chart border has been revised.</i> <i>Note: On publication of this New Edition Former Notice 1084(P)/02 is cancelled.</i>	1:6,000	40	58	£16.30

Admiralty Publications

NP No.	Title and other remarks	Date	UK(RRP)*	Remarks
NP 19	Baltic Pilot Volume II (Twelfth Edition).	10/01/02	£37.00	This edition supersedes Baltic Pilot Volume II (Eleventh Edition 1998) which is thereby cancelled.
NP 78	Admiralty List of Lights and Fog Signals Volume E, 2002/03 Mediterranean, Black and Red Seas.	11/07/02	£21.00	Amended to week 28/02 (11/07/02). First amendments in Week 31/02. Volume E, 2001/02 is thereby cancelled.
NP 164-03	Dover Daily Times of High Water and Mean Range of Tide.	01/08/02	£1.00	New Edition 2003.

*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 29 AUGUST 2002

New Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
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. The chart is referred to WGS84 datum.</i>	1:5,000	-
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	-
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	-
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, originally published by the Norwegian Hydrographic Service).</i>	1:50,000	-
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 Jøssinghamn and plan Ⓔ Rekeffjord on Chart 2982. This chart is referred to WGS84 datum. (A modified reproduction of Norwegian Chart 12, originally published by the Norwegian Hydrographic Service).</i>	1:50,000 1:20,000 1:50,000 1:10,000 1:20,000	2982 Plans Ⓓ & Ⓔ

II

ADMIRALTY CHARTS TO BE PUBLISHED 29 AUGUST 2002

New Editions of Admiralty Charts

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
1859 INT 1655	International Chart Series, England - West Coast, Port of Bristol.		1859 INT 1655
	Ⓐ King Road.	1:10,000	
	Ⓑ River Avon.	1:10,000	
	Ⓒ City Docks.	1:5,000	
	Ⓓ City Docks to Saint Anne's Bridge.	1:25,000	
	<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.	1:25,000	1951 INT 1642
	<i>Includes changes to depths from the latest surveys from the Mersey Docks and Harbour Company.</i>		

CHARTS TO BE AVAILABLE 29 AUGUST 2002

New Editions

Reproductions of Australian/NZ Government Charts

(Publication dates of these charts will reflect the same dates shown on the Australian/NZ Government Charts)

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
NZ 53	New Zealand, North Island - East Coast, Bream Head to Slipper Island including Hauraki Gulf.	1:200,000	NZ 53
	<i>The chart is now referred to WGS84 datum and includes updated magnetic information.</i>		
NZ 71	New Zealand, South Island - West Coast, Greymouth to Kahurangi Point.	1:200,000	NZ 71
	<i>The chart is now referred to WGS84 datum and includes updated magnetic information and changes to coastline.</i>		
NZ 72	New Zealand, South Island - West Coast, Cape Foulwind to Heretaniwha Point.	1:300,000	NZ 72
	<i>The chart is now referred to WGS84 datum and includes updated magnetic information and changes to coastline.</i>		
NZ 73	New Zealand, South Island - West Coast, Abut Head to Milford Sound.	1:300,000	NZ 73
	Jackson Bay.	1:50,000	
	<i>The chart is now referred to WGS84 datum and includes updated magnetic information and changes to coastline.</i>		

II

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

Admiralty Charts

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>On publication of New Chart/New Edition</i>
1156	England - West Coast, Trevoise Head to Hartland Point.	⊙1156
1180 INT 3185	International Chart Series, Mediterranean Sea, Spain - East Coast, Barcelona.	⊙1180 INT 3185
1196 INT 3184	International Chart Series, Mediterranean Sea, Spain - East Coast, Approaches to Barcelona.	⊙1196 INT 3184
3188	United States - Gulf of Mexico, Texas, Houston Ship Channel, Carpenter Bayou to Houston Turning Basin.	⊙3188
3371 INT 1416	International Chart Series, Netherlands, North Sea, West Hinder and Outer Gabbard to Vlissingen and Scheveningen.	⊙3371 INT 1416
3377	Norway - West Coast, Approaches to Svolvær.	⊙3377
3789	Qatar, Ra's Laffan.	⊙3789

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

No existing charts of Great Britain will be transferred to a WGS84 compatible datum in August 2002.

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

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

September 2002: East Coast of Scotland - 190, 210, 1407; Inverness - 1078.

October 2002: Loch Fyne - 2381, 2382.

Firth of Clyde charts 1867, 1906, 1907 and 2383, which were provisionally scheduled for October 2002, are now provisionally scheduled for December 2002.

This list will be up-dated in Weekly 35, 29 August 2002.

⊙ 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. Former Notice 4731(P)/00 refers.

⊙18	⊙871	⊙1408	⊙1834	⊙2041	⊙2642
⊙26	⊙883	⊙1410	⊙1835	⊙2044	⊙2655
⊙28	⊙1076	⊙1411	⊙1859	⊙2045	⊙2656
⊙30	⊙1148	⊙1413	⊙1866	⊙2052	⊙2693
⊙31	⊙1149	⊙1438	⊙1882	⊙2093	⊙2695
⊙32	⊙1152	⊙1446	⊙1892	⊙2094	⊙2696
⊙34	⊙1156	⊙1464	⊙1900	⊙2151	⊙2793
⊙105	⊙1160	⊙1478	⊙1901	⊙2154	⊙2841
⊙106	⊙1161	⊙1481	⊙1902	⊙2172	⊙2878
⊙107	⊙1164	⊙1482	⊙1934	⊙2175	⊙3164
⊙108	⊙1165	⊙1484	⊙1951	⊙2253	⊙3271
⊙109	⊙1166	⊙1491	⊙1953	⊙2255	⊙3272
⊙111	⊙1167	⊙1503	⊙1967	⊙2268	⊙3273
⊙121	⊙1168	⊙1504	⊙1970	⊙2290	⊙3274
⊙129	⊙1169	⊙1512	⊙1971	⊙2345	⊙3275
⊙134	⊙1176	⊙1536	⊙1972	⊙2449	⊙3284
⊙147	⊙1178	⊙1543	⊙1973	⊙2450	⊙3294
⊙148	⊙1179	⊙1552	⊙1975	⊙2451	⊙3297
⊙152	⊙1182	⊙1594	⊙1977	⊙2454	⊙3298
⊙154	⊙1183	⊙1606	⊙1978	⊙2482	⊙3315
⊙156	⊙1185	⊙1607	⊙1981	⊙2484	⊙3319
⊙160	⊙1186	⊙1609	⊙1991	⊙2565	⊙3337
⊙175	⊙1187	⊙1610	⊙1994	⊙2566	⊙3418
⊙323	⊙1188	⊙1612	⊙2000	⊙2567	⊙3478
⊙442	⊙1190	⊙1613	⊙2007	⊙2571	⊙3490
⊙536	⊙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	
⊙777	⊙1406	⊙1828	⊙2037	⊙2631	

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

⊙ denotes chart available in the ARCS series.

II

3335 MISCELLANEOUS UPDATES TO CHARTS

<i>Chart</i>	<i>Previous Update</i>	<i>Details</i>
110 INT 1473	3037/02	Amend reference in W. border at latitude 51° 47'·8N. to read, <i>See Chart INT 1416 (3371)</i> . Amend reference in N. border at longitude 3° 07'·6E. to read, <i>See Chart INT 1416 (3371)</i> .
122 INT 1472	2289/02	Amend reference in W. border at latitude 52° 03'·3N. to read, <i>See Chart INT 1416 (3371)</i> . Delete note, CHART 3371 – POSITIONS, centred on, 52° 54'·4N., 4° 07'·5E.
290	2363/02	Insert magenta limit and chart number, 4739, joining the following positions: 47° 51'·83N., 54° 21'·00W. 47° 51'·83N., 54° 14'·60W. 47° 53'·70N., 54° 14'·60W. 47° 53'·70N., 54° 08'·80W. 47° 51'·83N., 54° 08'·80W. 47° 51'·83N., 54° 07'·00W. 47° 53'·35N., 54° 07'·00W. 47° 53'·35N., 54° 04'·00W. 47° 51'·83N., 54° 04'·00W. 47° 51'·83N., 53° 58'·00W. 47° 35'·65N., 53° 52'·00W. 47° 35'·65N., 54° 21'·00W.
323 INT 1564	2927/02	Amend reference in N. border at longitude 2° 09'·2E. to read, <i>Adjoining smaller scale Chart 3371</i> . Substitute accompanying note, CHARTS 1350, 1351 and 1873: POSITIONS, for existing note, CHARTS 1350, 1351, 1873 AND 3371: POSITIONS, centred on 50° 59'·5N., 2° 17'·6E.
1183 INT 1561	3219/02	Delete note, CHART 3371: POSITIONS, centred on 51° 46'·4N., 0° 43'·4E.
1406	New Edition	Amend reference to read, 3371, in the following positions: 51° 22'·4N., 2° 03'·0E. 52° 13'·5N., 4° 09'·7E. Delete note, CHART 3371: POSITIONS, centred on 50° 51'·4N., 4° 21'·4E.
1408	2924/02	Amend reference to read, 3371, in position 52° 13'·5N., 4° 09'·5E. Substitute accompanying note, CHART 1505: POSITIONS, for existing note, CHARTS 1505, 2322 AND 3371: POSITIONS, centred on 52° 21'·6N., 5° 22'·8E.
1504 INT 1510	2769/02	Amend reference in S. border at longitude 2° 45'·0E. to read, <i>Adjoining Chart 3371</i> . Substitute accompanying note, CHART 1505: POSITIONS, for existing note, CHARTS 1505 AND 3371: POSITIONS, centred on 52° 20'·7N., 1° 14'·8E.
1610 INT 1511	2386/02	Amend reference in E. border at latitude 51° 52'·4N. to read, <i>Adjoining Chart 3371</i> . Substitute accompanying note, CHART 1872: POSITIONS, for existing note, CHARTS 1872 AND 3371: POSITIONS, centred on 52° 04'·4N., 1° 10'·7E.
1704	2805/02	Insert accompanying note, CHART 1196: POSITIONS, centred on 41° 33'·0N., 0° 40'·0E. Amend reference to read, 1196 (<i>INT 3184</i>) (<i>see Note–POSITIONS</i>), in position 41° 12'·3N., 2° 05'·0W.
1872	2927/02	Amend reference in N. border at longitude 2° 48'·5E. to read, <i>See Chart 3371 (see Note–POSITIONS)</i> .
2052 INT 1560	3134/02	Delete note, CHART 3371: POSITIONS, centred on 52° 02'·0N., 1° 18'·0E.
2322 INT 1415	3145/02	Amend reference in W. border at latitude 51° 56'·8N. to read, <i>Adjoining Chart INT 1416 (3371)</i> . Amend reference in S. border at longitude 3° 34'·5E. to read, <i>Adjoining Chart INT 1416 (3371)</i> .
2449	2926/02	Amend reference in N. border at longitude 2° 30'·0E. to read, <i>Adjoining Chart 3371</i> . Substitute accompanying note, CHART 1872: POSITIONS, for existing note, CHARTS 1872 AND 3371: POSITIONS, centred on 50° 55'·6N., 2° 58'·8E.
3791	3411/99	Insert magenta limit and chart number, 3789, as follows: North: 25° 56'·40N. East: 51° 37'·90E. South: 25° 54'·28N. West: 51° 34'·00E. Delete former magenta limit and chart number, 3789, in position 25° 54'·05N., 51° 37'·80E.

UK Hydrographic Office.

II

3219* ENGLAND, East Coast — Thames Estuary — Long Sand and North Edinburgh Channel — Buoyage; Legend

Insert	spherical safe water light—buoy, <i>Mo(A)15s Long Sand Inner</i>	51° 38'·77N., 1° 26'·00E.
	spherical safe water light—buoy, <i>LFL10s Long Sand Outer</i>	51° 35'·87N., 1° 26'·58E.
Delete	legend, <i>Foulger's Gat</i> , orientated 353°/173°, centred on:	51° 37'·40N., 1° 26'·00E.
	Edinburgh light—buoy	51° 31'·51N., 1° 21'·65E.
	No 1 light—buoy	51° 31'·76N., 1° 21'·95E.
	Patch light—buoy	51° 32'·40N., 1° 21'·00E.
	SE Long Sand light—buoy	51° 32'·53N., 1° 21'·26E.
	No 2 light—buoy	51° 32'·93N., 1° 20'·38E.
	No 3 light—buoy	51° 33'·21N., 1° 20'·47E.
	Hawksdale light—buoy	51° 33'·30N., 1° 19'·74E.
	No 4 light—buoy	51° 33'·31N., 1° 19'·30E.
	No 5 light—buoy	51° 33'·56N., 1° 19'·51E.
	No 6 light—buoy	51° 33'·41N., 1° 18'·24E.
	No 7 light—buoy	51° 33'·69N., 1° 18'·13E.
	No 8 light—buoy	51° 33'·25N., 1° 16'·54E.
	No 9 light—buoy	51° 33'·54N., 1° 16'·60E.

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.

Note: These changes will be implemented on or about 26 July 2002.
These and other changes will be included in the next New Editions of Charts 1606, 1607 and 1975 to be published in due course.

Chart [*Last correction*].— **1183** (INT 1561) [3134/02]
Port of London Authority Notice 39/02 (HH.244/410/06).

3220* SCOTLAND, East Coast — River Forth — Society Bank Northwards — Mooring buoys

Move	 from:	56° 00'·300N., 3° 26'·500W.
	to:	56° 00'·286N., 3° 26'·479W.
	 from:	56° 00'·238N., 3° 26'·250W.
	to:	56° 00'·232N., 3° 26'·290W.

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*].— **736** (INT 1546) [*New Edition* 4/7/02]
Briggs Marine Contractors (HH.264/450/06).

3221* IRELAND, North Coast — Approaches to Lough Foyle — Magilligan Point to Greencastle — Light; Ferry

Insert	★ 2FR(vert)4m2M	(a) 55° 11'·48N., 6° 58'·00W.
	ferry route, pecked line, joining:	55° 12'·10N., 6° 59'·10W. (shore) (a) above

Chart [*Last correction*].— **2499** (INT 1660) [1345/02]
Light List Vol. A, 2002/03, 6093
Londonderry Port and Harbour Commissioners Notices 5–6/02 (HH.288/490/04).

3222* ENGLAND, West Coast — Morecambe Bay Southwards — Shell Flat — Masts

Insert	★ Mast (51) FL.Y.2·5s11m & 2FR (vert),	
	(chart 1121, ★ Mast (51) FLY & 2FR (vert))	53° 51'·60N., 3° 17'·67W.
	★ Mast (81) FL.Y.2·5s11m & 2FR (vert),	
	(chart 1121, ★ Mast (81) FLY & 2FR (vert))	53° 52'·42N., 3° 12'·14W.

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*].— **2010** (INT 1640) [2761/02] — **1981** [3022/02] — **1320** [1003/02] — **1826** (INT 1607) [3022/02] — **1121** (INT 1062) [5069/01]
Light List Vol. A, 2002/03, 4872, 4872.5
SLP Energy/Shell Expro (HH.206/440/08).

II

3223* ENGLAND, West Coast — River Mersey — Pluckington Bank Southwards — Depths

Insert	depth 3 ₄ m	(a)	53° 22'·588N., 2° 59'·090W.
	depth 4 ₃ m	(b)	53° 22'·400N., 2° 58'·835W.
	5m contour to enclose (a) and (b) above, joining:	(c)	53° 22'·718N., 2° 59'·225W. (existing contour)
		(d)	53° 22'·308N., 2° 58'·616W. (existing contour)
		(e)	53° 22'·330N., 2° 58'·680W. (E. border)
Delete	depth 6 ₉ m	(f)	0·6 cables SE. of (a) above
	depth 7 ₃ m	(g)	close E. of (b) above
	former contour joining:	(h)	(c) above
		(i)	(d) above
		(j)	53° 22'·350N., 2° 58'·680W. (E. border)

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*].— **3490** (INT 1643) (**panel A**) (*a–c, e–h, j*) & (**panel B**) (*a–d, f–i*) [1346/02]
Mersey Docks and Harbour Company (HH.206/460/10).

3216 NORWAY, South Coast — Approaches to Larviksfjorden — Depths; Lights; Submarine cables

Insert	the accompanying block, showing amendments to depths, lights and submarine cables, centred on:	58° 57'·53N., 10° 02'·00E.
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Chart [*Last correction*].— **3158** [2639/02]
Light List Vol. B, 2002/03, 2582, 2592
Norwegian Chart 5 (HH.311/620/02).

3224 NORWAY, West Coast — Approaches to Bergen — Hjeltefjorden — Store, North–East Coast and Litle Sotra, North Coast — Vindnes and Onglavik — Recommended anchorages

Delete	⚓	60° 25'·37N., 5° 00'·55E. 60° 23'·72N., 5° 07'·28E.
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Chart [*Last correction*].— **3009** [1723/02]
Norwegian Notice 10/431/02 (HH.310/445/06).

3225 BALTIC SEA — Finland, South–West Coast — Parainen — Buoyage

Substitute	S. cardinal spar buoy for W. cardinal spar buoy	60° 17'·75N., 22° 18'·27E.
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Chart [*Last correction*].— **3437** (**plan B, Parainen**) [3030/02]
Finnish Notice 17/343/02 (HH.319/450/04).

3226 BALTIC SEA — Gulf of Finland — Finland — Approaches to Helsinki — Ulkomatala — Depth

Insert	depth 4 ₉ m and extend 10m contour SE. to enclose	59° 59'·39N., 24° 53'·23E.
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Chart [*Last correction*].— **1080** [3031/02]
Finnish Notice 17/337/02 (HH.322/480/05).

3227 BALTIC SEA — Russia — Baltiysk — Poluostrov Zavodskoy Southwards — Inner Road — Lights

Amend	light to, <i>FL.R.3·5s</i>	54° 38'·05N., 19° 54'·15E.
	light to, <i>Iso.G.2s</i>	54° 38'·11N., 19° 54'·27E.
	light to, <i>FL.R.4s</i>	54° 38'·18N., 19° 54'·56E.

Chart [*Last correction*].— **2278** (**plan D, Baltiysk**) & (**plan B, Kaliningradskiy Morskoy Kanal**) [1931/02]
Light List Vol. C, 2002/03, 3100.17, 3100.22, 3100.3
Russian Notice 23/3285/02 (HH.304/410/05).

3228 BALTIC SEA — Germany, North Coast — Lübecker Bucht — Depth

Insert	depth 17 ₆ m with seabed character, <i>R</i>	54° 08'·73N., 11° 04'·20E.
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Chart [*Last correction*].— **2117** [2650/02] — **2106** (INT 1303) [2040/02]
German Notice 25/(16)36/02 (HH.327/460/02).

II

3229 BALTIC SEA — Denmark, East Coast — Storebælt — Nyborg — Avernakke Pier Southwards — Dredged depths

Amend dredged depth to, 9m 55° 17'·83N., 10° 47'·34E.
55° 17'·76N., 10° 47'·46E.

Chart [*Last correction*].— **938** (INT 1369) (**plan B, Nyborg**) [3034/02]
Danish Chart Correction 24/165/02 (HH.333/540/07).

3230 BALTIC SEA — Denmark, East Coast — The Sound — Kastrup Eastwards — Approaches to Kastrup Strandpark and Scanport Havn — Buoyage; Depths; Maritime limit

Insert	safe water spar buoy with topmark	(a)	55° 38'·91N., 12° 40'·33E.
	depth 4 ₅ m	(b)	55° 38'·30N., 12° 39'·80E.
Substitute	depth 4 ₅ m for depth 5m	(c)	55° 38'·158N., 12° 39'·362E.
Delete	starboard-hand conical buoy	(d)	close N. of (a) above
	port-hand can buoy	(e)	close S. of (a) above
	black maritime limit, double pecked line,		
	and associated legend, Marked 1.4.–15.11., centred on:	(f)	55° 38'·82N., 12° 40'·00E.
	depth 5m	(g)	55° 38'·20N., 12° 39'·36E.

Chart [*Last correction*].— **902** (INT 1334) (b,c,g) [2917/02] — **903** (INT 1333) (a,d,e,f) [2916/02] — **2595** (INT 1332) (a,d,e) [2916/02]
Danish Chart Corrections 20/130–131/02 & 21/145/02 (HH.333/660/08).

3231 BALTIC SEA — Kattegat — Denmark, East Coast — Århus Bugt — Ebeltoft Vig Northeastwards — Egsmark Grund — Buoy

Delete isolated danger spar buoy (1.4.–15.11.) 56° 13'·1N., 10° 39'·2E.

Chart [*Last correction*].— **2590** (INT 1380) [3035/02]
Danish Notice 24/601/02 (HH.332/480/03).

3232 BALTIC SEA — Denmark, East Coast — Kattegat — Skagen Northeastwards and Southeastwards — Wrecks; Buoy; Radar beacon

Insert	○ Wk, least depth 60m, (chart 1402, ++)	57° 47'·69N., 10° 45'·52E.
	○ Wk, least depth 49m, (chart 1402, ++)	57° 46'·98N., 10° 46'·91E.
	○ Wk, least depth 34m, (chart 1402, ++)	57° 45'·23N., 10° 48'·01E.
	○ Wk, least depth 27m, (chart 1402, ++)	57° 42'·11N., 10° 54'·73E.
Delete	No 1 light-buoy and associated radar beacon, Racon (T)	57° 48'·10N., 10° 44'·00E.

Chart [*Last correction*].— **2107** (INT 1301) [2919/02] — **1402** (INT 1300) [3015/02]
Admiralty List of Radio Signals Vol. 2, 2002/03: 55920 (30/02)
Danish Chart Corrections 24/158–159/02 (HH.332/410/02).

3233* NORTH SEA — Norwegian Sector — North East Rough Southwards to East Brae Gas Field (Marathon) Northeastwards — Submarine cable

Insert	submarine cable joining:	58° 07'·84N., 3° 39'·89E. (E. border)
		58° 11'·66N., 3° 35'·63E.
		58° 19'·39N., 3° 18'·66E.
		58° 17'·59N., 3° 00'·05E.
		58° 17'·60N., 2° 59'·20E.
		58° 18'·22N., 2° 54'·55E.
		58° 18'·54N., 2° 53'·70E.
		58° 23'·21N., 2° 48'·34E.
		58° 23'·72N., 2° 47'·30E.
		58° 24'·53N., 2° 44'·33E.
		58° 25'·57N., 2° 39'·58E.
		58° 25'·79N., 2° 39'·81E.
		58° 26'·46N., 2° 37'·42E.
		58° 26'·82N., 2° 36'·82E.
		58° 36'·22N., 2° 32'·01E.
		58° 37'·89N., 2° 26'·99E.
		58° 37'·62N., 2° 20'·07E.
		58° 39'·20N., 2° 16'·11E.
		58° 49'·13N., 2° 04'·11E.
		58° 57'·50N., 1° 51'·60E.
		58° 58'·52N., 1° 50'·80E. (N. border)

Note: Chart 274 should be removed from the list of charts affected by Former Notice 4551(P)/01. Further charts will be updated in due course.

Chart [*Last correction*].— **274** [5082/01]
Global Marine Systems Ltd (HH.111/309/03).

II

3234* NORTH SEA — U.K. Sector — Walker Bank Southwards to Bressay Bank — Submarine cable

Insert	submarine cable joining:	58° 50'·00N., 2° 02'·75E. (S. border) 58° 57'·50N., 1° 51'·60E. 58° 57'·90N., 1° 51'·20E. 59° 02'·89N., 1° 48'·36E. 59° 03'·05N., 1° 48'·09E. 59° 03'·93N., 1° 43'·79E. 59° 04'·01N., 1° 43'·00E. 59° 04'·06N., 1° 35'·62E. 59° 09'·56N., 1° 15'·98E. 59° 10'·03N., 1° 13'·55E. 59° 13'·04N., 1° 03'·34E. 59° 13'·66N., 1° 01'·66E. 59° 16'·34N., 0° 51'·32E. 59° 16'·72N., 0° 49'·22E. 59° 17'·81N., 0° 45'·21E. 59° 20'·17N., 0° 39'·54E. 59° 21'·09N., 0° 36'·84E. 59° 22'·17N., 0° 35'·33E. 59° 22'·48N., 0° 32'·59E. 59° 22'·44N., 0° 31'·12E. 59° 22'·96N., 0° 25'·55E. 59° 25'·19N., 0° 14'·31E. 59° 27'·98N., 0° 00'·00E. (W. border)
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Note: Chart 292 should be removed from the list of charts affected by Former Notice 4551(P)/01. Further charts will be updated in due course.

Chart [*Last correction*].— **292** [2923/02]
Global Marine Systems Ltd (HH.111/309/03).

3235 GERMANY, North–Sea Coast — Die Elbe — Port of Hamburg — Köhlbrande — Light; Leading lines; Buoyage

Move	★ <i>Oc(2)R.9s12m9M</i> , from:	(a) 53° 31'·955N., 9° 56'·560E.
	to:	(b) 53° 31'·950N., 9° 56'·560E.
Insert	leading line, pecked line for 200m then firm line for 1180m	(c) extending in direction 321·8° from (b) above seaward end of (c) above
Move	legend, 141,8° KS3 light–buoy from:	53° 32'·35N., 9° 55'·91E.
	to:	53° 32'·34N., 9° 55'·90E.
	KS5 light–buoy from:	53° 32'·12N., 9° 56'·24E.
	to:	53° 32'·11N., 9° 56'·20E.
	KS7 light–buoy from:	53° 31'·77N., 9° 56'·36E.
	to:	53° 31'·77N., 9° 56'·31E.
Delete	former leading line, pecked and firm line, and associated legend 143,6°	extending in 323·6° direction from (a) above

Chart [*Last correction*].— **3268** (INT 1455) (plan B, Die Elbe Port of Hamburg) [2792/02]
Light List Vol. B, 2002/03, 1594.2
German Notice 25/(21)48/02 (HH.328/570/04).

3236 GERMANY, North–Sea Coast — The Weser — Robben–Plate Westwards — Light

Delete	★ Fl.Y.4s11m6M Langlütjennordsteert	53° 40'·64N., 8° 21'·40E.
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Chart [*Last correction*].— **3621** (INT 1457) [3144/02]
Light List Vol. B, 2002/03, 1226
German Hydrographic Office (HH.328/400/02).

3237 NETHERLANDS — Schiermonnikoog Northwards — Gronden van de Lauwers Westwards — Buoyage

Insert	safewater spherical buoy with topmark, L	(a) 53° 33'·19N., 6° 14'·65E. (b) 53° 33'·23N., 6° 14'·73E.
Delete	VL buoy	(c) 53° 32'·90N., 6° 16'·80E. (d) 53° 32'·92N., 6° 17'·00E.

Chart [*Last correction*].— **2593** (INT 1414) (a,c) [2924/02] — **3761** (b,d) [2285/02]
Netherlands Notice 16/213/02 (HH.340/700/04).

3238 NETHERLANDS — Terschelling, South–West Coast — West–Terschelling Southwards — Slenk and Schuitengat — Buoyage

Amend	designation of SG9–S2 light–buoy to, <i>SG15–S2</i> S4 light–buoy to, <i>Iso.R.8s</i>	53° 20'·47N., 5° 11'·71E. 53° 20'·39N., 5° 12'·12E.
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Chart [*Last correction*].— **112** (plan B, West–Terschelling) [2793/02]
Netherlands Chart 1811.5 and Netherlands Notice 25/322/02 (HH.340/630/04).

II

3239 NETHERLANDS — Moerdijk Westwards — Sassenplaat Southwards — Zuid Hollandsch Diep — Buoyage; Mooring buoys

Insert	starboard—hand conical light—buoy, <i>LFl.G.5s ZHD 15</i> 	51° 41'·75N., 4° 34'·64E. 51° 41'·80N., 4° 34'·52E. (a) 51° 41'·79N., 4° 34'·37E. 51° 41'·70N., 4° 34'·24E. 51° 41'·70N., 4° 34'·09E.
Move	starboard—hand conical light—buoy, <i>LFl.G.8s ZHD 17</i> ZHD 13 buoy from: to:	(b) 51° 41'·64N., 4° 33'·99E. 51° 41'·80N., 4° 34'·67E.
Delete	former ZHD 15 buoy former ZHD 17 light—buoy 	(c) 51° 41'·81N., 4° 34'·97E. 120m SSW. of (a) above 50m N. of (b) above 180m W. of (c) above 50m NNW. of (c) above 100m NNW. of (c) above 250m ENE. of (c) above

Chart [*Last correction*].— **133** (INT 1476) (**Part B, Dordrecht to Moerdijk**) [2186/02]
Netherlands Notice 27/353/02 (HH.340/570/02).

3240 FRANCE, North Coast — Ile de Bréhat, North Coast — Pointe du Paon Westwards — Wreck

Insert		48° 51'·851N., 2° 59'·937W.
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Chart [*Last correction*].— **3673** (INT 1755) [1650/02] — **3670** [2069/02]
French Notice 24/15/02 (HH.351/580/02).

3241 FRANCE, West Coast — Iles de Glénan Northwards — Les Petits Pourceaux — Wreck

Substitute	 PD (25), for 	47° 45'·21N., 4° 00'·83W.
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Chart [*Last correction*].— **2820** [2797/02]
French Notice 24/17/02 (HH.353/430/04).

3242 FRANCE, West Coast — Golfe du Morbihan — Larmor-Baden to Ile Berder — Power transmission line

Insert	power transmission line, joining:	(a) 47° 35'·02N., 2° 53'·38W.
	vertical clearance, 14m	(b) 47° 35'·04N., 2° 53'·25W. close N. of (a)–(b) above

Chart [*Last correction*].— **2358** [1221/02]
French Notice 24/18/02 (HH.353/480/06).

3243 FRANCE, West Coast — Belle-Île Southwards — Wrecks

Insert	 Wk, unsurveyed clearance depth 45m	47° 07'·83N., 3° 11'·45W.
Delete	 Wk PA, unsurveyed clearance depth 28m	47° 07'·5N., 3° 04'·0W.

Chart [*Last correction*].— **2646** [2799/02]
French Notice 36/23/02 (HH.353/480/06).

3244 FRANCE, West Coast — Approaches to La Gironde — Pointe de la Coubre Westnorthwestwards — Wreck

Insert	 Wk PA, least depth 10m, (chart 20,  Wk, least depth 10m)	45° 44'·15N., 1° 24'·79W.
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Chart [*Last correction*].— **2663** [2800/02] — **2664** [1653/02] — **20** [2800/02]
French Notice 24/20/02 (HH.353/530/03).

3245 SPAIN, North Coast — Puerto de Ribadesella — Pta. del Caballo and Bajo Serropio Northeastwards — Depths; Light

Insert	the accompanying note, DEPTHS, centred on: depth 16 ₆ m enclosed by 20m contour depth 20m enclosed by 20m contour depth 15 ₂ m enclosed by 20m contour	43° 28'·080N., 5° 04'·830W. 43° 29'·154N., 5° 03'·335W. 43° 29'·154N., 5° 02'·935W. 43° 29'·034N., 5° 03'·118W.
Delete	sector at light, Fl(2)R.6s10m5M, as follows: <i>Obscured</i> shore – 297° Remaining sectors unchanged	43° 28'·154N., 5° 03'·892W.

Chart [*Last correction*].— **1150** (plan, Puerto de Ribadesella) [1226/02]
Light List Vol. D, 2002/03, 1587
Spanish Chart 4031 (HH.359/490/04).

II

3246 SPAIN, North Coast — Bilbao — El Abra Southwestwards — Muelle de Punta Sollana — Lights

Delete ★ Q (a) 43° 21'·80N., 3° 04'·96W.
60m SE. of (a) above

Chart [*Last correction*].— **1173** (INT 1851) [*New Chart* 27/6/02]
Spanish Notice 24/429(T)/02 (HH.359/450/03).

3247 SPAIN, North–West Coast — Ensenada Carnota — Porte Cubelo — Lights; Pier

Insert ★ *Fl.G.2s8m4M* (a) 42° 48'·54N., 9° 08'·05W.
sector at light, Fl.G.2s8m4M, as follows: (a) above
Arc of visibility 038° – 169° (131°)
pier, single firm line, joining: (a) above
(b) below
Delete ★ Fl.G.2s9m4M and associated sector,
(chart 1756, ★ Fl.G.2s8m4M) (b) 42° 48'·48N., 9° 08'·05W.

Chart [*Last correction*].— **3764** [3273/01] — **1756** (b) [*New Edition* 13/9/01]
Light List Vol. D, 2002/03, 1775
Spanish Notice 25/451/02 (HH.359/580/02).

3248 SPAIN, West Coast — Approaches to Ria de Vigo — Islas Cies Or de Bayona — Isla del Faro, East Coast — Piedra Borrón — Light–beacon; Rock

Substitute isolated danger light–beacon, *Fl(2)10s3M*, for * 42° 13'·54N., 8° 53'·91W.

Chart [*Last correction*].— **1730** [*New Chart* 27/6/02]
Light List Vol. D, 2002/03, 1883
Spanish Notice 21/382/02 (HH.359/620/04).

3249 SPAIN, West Coast — Ria de Vigo — Ensenada de Cangas — Light–beacon

Insert S. cardinal light–beacon, *Q(6)+LFl.15s3M* (a) 42° 15'·57N., 8° 46'·84W.
sector at light–beacon (a) above
Obscd 090° – 215° (125°)

Chart [*Last correction*].— **1731** [1948/02] — **1730** (a) [3248/02]
Light List Vol. D, 2002/03, 1895.35
Spanish Notice 22/397/02 (HH.359/620/04).

3250 SPAIN, West Coast — Ria de Vigo — Ensenada de Teis Northeastwards — Light–beacon; Rock

Substitute isolated danger light–beacon, *Fl(2)10s3M*, for ☉ 42° 15'·96N., 8° 40'·83W.

Chart [*Last correction*].— **1731** [3249/02] — **1730** [3249/02]
Light List Vol. D, 2002/03, 1903.5
Spanish Notice 21/380/02 (HH.359/620/04).

3251 SPAIN, West Coast — Ría de Vigo — Bouzas — Terminal de Transbordadores — Light

Amend sector at light, Fl.G.4s10m4M, as follows: (a) 42° 14'·16N., 8° 45'·00W.
Visible 072° – 319° (247°)
sector at light, Fl.G.4s10m4M, as follows: (b) (a) above
Obscd 319° – 072° (113°)

Chart [*Last correction*].— **1731** (a) [3250/02] — **1730** (b) [3250/02]
Light List Vol. D, 2002/03, 1895.8
Spanish Notice 24/435/02 (HH.359/620/04).

3252 MEDITERRANEAN SEA — Spain, South Coast — Gibraltar Bay and Pto. de Cabo Pino — Marine farms; Fish haven; Pilot boarding place

Insert the accompanying note, MARINE FARMS, centred on: 35° 46'·00N., 5° 27'·00W.
limit of fish haven, dotted line, joining: (a) 36° 28'·70N., 4° 46'·75W.
(b) 36° 28'·80N., 4° 45'·60W.
(c) 36° 28'·60N., 4° 44'·35W.
(d) 36° 27'·85N., 4° 44'·45W.
Delete ① 36° 08'·55N., 5° 23'·80W.
① 36° 06'·95N., 5° 24'·00W.

Chart [*Last correction*].— **3578** [2669/02] — **773** (a–d) [3016/02]
Admiralty List of Radio Signals Vol. 6 (2), 2001/02
Spanish Chart 45A (HH.361/400/03).

II

3253 MEDITERRANEAN SEA — Spain, East Coast — Castellón — Outfall; Buoy

Insert outfall, joining: 39° 57'·41N., 0° 00'·32E. (shore)
 39° 57'·36N., 0° 00'·60E.
 E. cardinal spar light-buoy, *VQ(3)5s* 39° 57'·35N., 0° 00'·62E.

Chart [*Last correction*].— **1458 (plan F, Castellón)** [3045/02]
 Spanish Notice 25/457/02 (HH.361/570/03).

3254 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Marine Farms

Insert the accompanying note, MARINE FARMS, centred on: 40° 30'·0N., 16° 10'·0E.

Chart [*Last correction*].— **186** [1822/02]
 Italian Notices 3.16/02 & 4.13/02 (HH.368/211/02).

3255 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Monopoli Northeastwards — Buoy

Amend special spherical light-buoy to, *Fl(5)Y.20s* 40° 58'·5N., 17° 22'·6E.

Chart [*Last correction*].— **186** [3254/02]
 Italian Notice 9.5/02 (HH.370/480/03).

3256 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — S. Benedetto del Tronto Southeastwards — Platform; Submarine pipelines; Well

Insert  (lighted), *Camilla* (a) 42° 53'·8N., 14° 14'·6E.
 submarine pipeline joining: (b) (a) above
 (c) 42° 52'·6N., 14° 12'·8E.
 (S. border)
 (d) 42° 50'·3N., 14° 09'·3E.
 ( *Eleonora*)
 Delete  Well (e) close SE. of (a) above
 former submarine pipeline joining: (f) (e) above
 (g) 42° 52'·6N., 14° 13'·1E.
 (S. border)
 (h) (d) above

Chart [*Last correction*].— **200 (a,b,d-f,h)** [2299/02] — **220 (a-c,e-g)** [2813/02]
 Italian Notice 6.29/02 (HH.370/520/05).

3257 MEDITERRANEAN SEA — Greece — Saronikós Kólpos — Nísos Salamáina — Salamáina — Lights; Jetties

Insert  *FLR.3s5M* (a) 37° 57'·72N., 23° 29'·60E.
 *FLG.3s5M* (b) 37° 57'·73N., 23° 29'·73E.
 jetty, double firm line, width 25m, joining: (a) above
 37° 57'·75N., 23° 29'·55E.
 (existing jetty)
 and
 (b) above
 37° 57'·70N., 23° 29'·73E.
 37° 57'·65N., 23° 29'·81E. (shore)

Chart [*Last correction*].— **1513** [2421/02]
 Light List Vol. E, 2001/02, 4176.1, 4176.2
 Greek Notices 12/334/01 & 5/143/02 (HH.382/500/02).

3258 MEDITERRANEAN SEA — Turkey, West Coast — İzmir Körfezi — Pelikan Bankı — Buoy

Move S. cardinal pillar light-buoy, *Q(6)+LFl.15s*, from: 38° 24'·79N., 26° 57'·08E.
 to: 38° 24'·83N., 26° 57'·15E.

Chart [*Last correction*].— **1522** [4334/01]
 Turkish Notice 24/122/02 (HH.390/460/02).

3259 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Skíros Westwards — Depth

Insert depth 140m enclosed by 200m contour,
 (chart 1439, depth 140m and extend 200m contour
 S. to enclose) (a) 38° 57'·94N., 24° 01'·40E.
 Substitute depth 140m for depth 172m (b) (a) above

Chart [*Last correction*].— **1062 (a)** [3048/02] — **1085 (a)** [454/02] — **180 (b)** [1135/02] — **1439 (a)** [2809/02]
 Greek Notice 5/145/02 (HH.383/400/02).

II

- 3260 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Ródhos — Ák. Áy Minás Southwestwards — Buoy**
 Insert isolated danger pillar light–buoy, *Fl(2)10s* 36° 19'·93N., 27° 52'·91E.
Chart [*Last correction*].— **1055** [2422/02]
 Greek Notice 5/148/02 (HH.384/430/03).
- 3261 MEDITERRANEAN SEA — Egypt — Mínâ'el Iskandariya — Outer Harbour — Buoy**
 Delete starboard–hand conical light–buoy with topmark, Fl.G.3s 31° 10'·28N., 29° 51'·46E.
Chart [*Last correction*].— **3119** (INT 3554) [3056/02]
 Ports and Lighthouses Administration, Alexandria Notice 7/02 (HH.405/440/02).
- 3217* AFRICA, West Coast — Equatorial Guinea — Cabo San Juan to Rio Benito — Oil terminal; Restricted area; Recommended anchorages; Depths; Coastline; Rocks; Light**
 Insert the accompanying block, showing amendments to the oil terminal, restricted area, recommended anchorage and depths, centred on: (a) 1° 22'·30N., 9° 22'·00E.
 the accompanying block, showing amendments to the oil terminal, restricted area, recommended anchorages, depths, coastline, rocks and light, centred on: (b) 1° 20'·40N., 9° 20'·70E.
 depth 14fm (c) 1° 37'·10N., 9° 32'·25E.
 depth 17fm (d) 1° 35'·70N., 9° 31'·35E.
 depth 12fm (e) 1° 34'·50N., 9° 32'·50E.
 depth 53fm and extend 100fm contour W. to enclose (f) 1° 36'·80N., 9° 24'·50E.
 depth 40fm (g) 1° 34'·00N., 9° 24'·35E.
 Delete depth 28fm (upright) (h) close S. of (d) above
 depth 21fm (upright) (i) close SW. of (e) above
 depth 68fm (upright) (j) close S. of (g) above
Chart [*Last correction*].— **1887** (a) [1470/02] — **1888** (b–j) [2679/02]
 Light List Vol. D, 2002/03, 4190
 K.J. Beverley and UK Hydrographic Office (HH.442/180/03).
- 3262 ARABIA — Saudi Arabia — Northern Approaches to Zuluf Oilfield and Marjan Oilfield — Buoy; Light–float**
 Substitute safe water pillar light–buoy with topmark, *LFl.15s Oilfield North*, for Oilfield North light–float, (chart 2847, safe water pillar light–buoy with topmark, *LFl Oilfield North*, for Oilfield North light–float), (chart 2858, safe water pillar light–buoy with topmark, *LFl*, for Oilfield North light–float) (a) 28° 32'·0N., 49° 30'·2E.
 safe water pillar light–buoy with topmark, *LFl.15s Oilfield North*, for Oilfield North light–float (b) 28° 31'·9N., 49° 30'·1E.
Note: Radar beacon remains unchanged
Chart [*Last correction*].— **3774** (a) [2682/02] — **2882** (a) [2684/02] — **2884** (b) [2687/02] — **2847** (a) [2687/02] — **2858** (a) [3060/02]
 Light List Vol. D, 2002/03, 7567
 M.E.N.A.S Notice 6/10/02 (HH.492/450/03).
- 3263 INDIA, West Coast — Gulf of Khambhāt — Sutherland Channel — Maritime limits**
 Insert magenta maritime limit, pecked line, joining: (a) 20° 59'·0N., 72° 34'·0E.
 21° 02'·0N., 72° 34'·0E.
 21° 02'·0N., 72° 36'·0E.
 (b) 20° 59'·0N., 72° 36'·0E.
 and
 20° 57'·0N., 72° 37'·0E.
 20° 59'·0N., 72° 37'·0E.
 20° 59'·0N., 72° 39'·0E.
 20° 57'·0N., 72° 39'·0E.
 within (a)–(b) above
 21° 57'·3N., 72° 40'·5E.
 Delete legend, *General Lighterage Area*
 legend, *LPG & Chemical Lighterage Area*, centred on:
 former magenta maritime limit, pecked line, and associated legend, *General Lighterage Area*, centred on: 21° 01'·4N., 72° 35'·0E.
 former magenta maritime limit, pecked line, and associated legend, *LPG & Chemical Lighterage Area*, centred on: 20° 59'·0N., 72° 38'·0E.
Chart [*Last correction*].— **1486** [1829/02]
 Indian Notice 11/224/02 (HH.502/430/03).

II

3264 INDIA, South-East Coast — Gulf of Mannār — Tuticorin — Harbour limits; Fouls; Islet; Buoy; Depth

Insert	harbour limit, pecked line, joining:	(a) 8° 50′-00N., 78° 09′-95E. (shore).
		(b) 8° 50′-00N., 78° 22′-00E.
		(c) 8° 41′-67N., 78° 20′-25E.
		(d) 8° 41′-67N., 78° 08′-45E. (shore).
	legend, <i>Port Limit</i>	(e) along (b)–(c) above
	limit of foul area, pecked line, joining:	(f) 8° 47′-30N., 78° 13′-61E.
		(g) 8° 47′-30N., 78° 13′-91E.
		(h) 8° 46′-68N., 78° 14′-40E.
		(i) 8° 46′-20N., 78° 13′-61E.
	legend, <i>Foul</i> , centred on:	(j) 8° 46′-68N., 78° 14′-00E.
	islet enclosed by ☉	(k) 8° 48′-16N., 78° 11′-62E.
	starboard-hand conical buoy, <i>Lit</i>	(l) 8° 47′-36N., 78° 13′-23E.
	depth 112 m	(m) 8° 48′-13N., 78° 16′-77E.
Delete	former limit of foul area, pecked line, and associated legend,	
	Foul, centred on:	(n) 8° 47′-05N., 78° 13′-78E.
		(o) 8° 46′-60N., 78° 13′-46E.
	red can buoy	(p) 8° 47′-31N., 78° 13′-03E.

Chart [*Last correction*].— **3581 (plan, Tuticorin Harbour)** (*f–p*) [4382/00] — **1586 (a–e)** [1830/02]

Indian Chart 2075 (HH.503/400/03).

3265 INDIA, East Coast — Kalingapatnam Southwestwards to Nuvvalarevu Northeastwards — Depths; Wreck

Insert	depth 172 m and extend 20m contour SE. to enclose	(a) 18° 24′-50N., 84° 14′-70E.
	depth 184 m and extend 20m contour E. to enclose	(b) 18° 36′-70N., 84° 26′-20E.
	depth 172 m and extend 20m contour SE. to enclose	(c) 18° 42′-50N., 84° 30′-30E.
	depth 19 m enclosed by 2m contour	(d) 18° 20′-48N., 84° 08′-35E.
	depth 25m	(e) 18° 06′-50N., 83° 57′-50E.
	depth 27 m	(f) 18° 09′-20N., 83° 49′-00E.
		(g) 18° 33′-60N., 84° 21′-80E.

Chart [*Last correction*].— **2060 (a–d,g)** [2069/96] — **2061 (a,d–f)** [815/02]

Indian Charts 353 and 3024 (HH.503/460/02).

3266 INDIA, East Coast — Gopālpur Southeastwards to Puri Southwestwards — Depths; Fixed point; Recommended anchorage; Harbour limit

Insert	depth 188 m and extend 20m contour SE. to enclose	19° 38′-50N., 85° 36′-70E.
	depth 19m and extend 20m contour SE. to enclose	19° 26′-30N., 85° 12′-60E.
	depth 24 ₅ m	19° 23′-00N., 85° 09′-25E.
	depth 28m and extend 30m contour SE. to enclose	19° 19′-15N., 85° 06′-25E.
	depth 19 m	(a) 19° 18′-02N., 84° 58′-09E.
	depth 21 ₅ m	(b) 19° 12′-80N., 84° 57′-00E.
	☉ <i>Gopālpur Port</i>	19° 18′-16N., 84° 58′-02E.
	⚓	19° 17′-93N., 85° 00′-23E.
	harbour limit, pecked line, joining:	19° 15′-27N., 84° 54′-55E. (shore)
		(c) 19° 13′-77N., 84° 56′-13E.
		(d) 19° 17′-01N., 85° 00′-06E.
		19° 18′-50N., 84° 58′-48E. (shore)
	legend, <i>Limit of Port of Gopālpur</i>	along (c)–(d) above
Delete	depth 25 ₅ m	close N. of (b) above.
	depth 9 ₁ m	close SW. of (a) above.

Chart [*Last correction*].— **2060** [3265/02]

Indian Charts 353 and 3005 (HH.503/460/02).

3267 BURMA (MYANMAR) — Gulf of Martaban — Approaches to Rangoon River — LANBY

Insert	red  at 	15° 59′-53N., 96° 14′-54E.
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Chart [*Last correction*].— **823 (INT 7438)** [2824/02] — **826 (INT 7441)** [2824/02]

Light List Vol. F, 2001/02, 1078

Myanmar Navy Notice 3/02 (HH.511/450/02).

3268* BURMA (MYANMAR) — Gulf of Martaban — Rangoon River — Thaketa — Bridges

Insert	bridge, double firm line, width 50m, joining:	16° 47′-12N., 96° 10′-91E. (shore)
		16° 47′-04N., 96° 11′-03E. (shore)
	bridge under construction, double pecked line,	
	width 50m, joining:	(a) 16° 46′-62N., 96° 11′-19E. (shore)
		(b) 16° 46′-51N., 96° 11′-12E. (shore)
	legend, <i>Bridge under const</i> (1998)	along (a)–(b) above

Chart [*Last correction*].— **833 (plan, Port of Rangoon)** [1754/02]

Yangon City Development Committee (HH.511/430/02).

II

3269 SUMATERA, East Coast — Pulau Bangka Westwards — Approaches to Selat Bangka — Wreck

Insert  1° 38'34S., 104° 48'84E.

Chart [*Last correction*].— **1312** [2827/02] — **941A** [2827/02]

Indonesian Notice 19/136/02 (HH.525/620/02).

3270 PENINSULAR MALAYSIA, East Coast — Johore Eastwards — Pulau Harimau — Light

Insert $\star$ *Fl.5s318ft16M*, (chart 3543, $\star$ *Fl.5s16M*),
(charts 2414 and 3482, $\star$ *Fl.16M*) 2° 33'63N., 103° 56'66E.

Chart [*Last correction*].— **769** [94/02] — **3543** [2091/02] — **2414** [3075/02] — **3482** (INT 550) [3075/02]

Light List Vol. F, 2001/02, 2836.1

Marine Department, Peninsular Malaysia Notice 18/02 (HH.517/705/03).

3271 CHINA, South-East Coast — Shenzhen Wan — Anchorage areas; Wreck

Insert limit of anchorage area, pecked line, joining: (a) 22° 28'467N., 113° 56'225E.
(b) 22° 28'767N., 113° 56'983E.
(c) 22° 28'358N., 113° 56'825E.
(d) 22° 27'908N., 113° 56'017E.
(e) 22° 28'40N., 113° 56'50E.
(f) 22° 26'892N., 113° 55'463E.

Delete legend, *Dongjiaotou Tanker* ⚓, centred on:
○ *Wk*, least depth 2m
former limit of anchorage area, pecked line, and
associated legend, Cargo, and symbol, quarantine anchorage,
(chart 343, former limit of anchorage area,
pecked line), centred on: (g) 22° 28'33N., 113° 56'49E.

Chart [*Last correction*].— **342** [3077/02] — **343** (*a-d,f,g*) [3077/02]

Chinese Notice 15/283/02 (HH.550/408/03).

3272 CHINA, South-East Coast — Xiamen Gang — Gulang Yu to Qingyu Shuidao and Dadan Dao to Xiaojinmen Dao — Submarine cables

Insert submarine cable joining: (a) 24° 26'44N., 118° 03'84E. (shore)
(b) 24° 26'30N., 118° 03'90E. (S. border)
(c) 24° 25'97N., 118° 04'05E.
(d) 24° 23'98N., 118° 05'40E.
(e) 24° 23'40N., 118° 06'14E.
(f) 24° 22'50N., 118° 07'49E. (existing cable)
and
(g) (c) above
(h) 24° 24'06N., 118° 04'80E.
(i) 24° 22'20N., 118° 07'45E. (existing cable)
and
(j) 24° 23'20N., 118° 10'28E. (shore)
(k) 24° 23'63N., 118° 11'71E. (E. border)
(l) 24° 24'26N., 118° 13'63E. (shore)
(m) 24° 24'58N., 118° 13'71E. (shore)

Chart [*Last correction*].— **3449** (plan, Xiamen Neigang) (*a-b*) & **3449** (*a,c-k*) [2697/02] — **1767** (*a,c-j,l,m*) [1795/02]

Chinese Chart 14240 (HH.548/456/03).

3273 CHINA, South-East Coast — Xiamen Gang — Hou Yu to Huoshao Yu and Dapan Qiantan — Lights; Leading line; Radar beacon; Wrecks

Insert $\star$ *F.R.26m4M* (a) 24° 29'61N., 118° 03'60E.
 $\star$ *F.R.17m4M* 24° 29'47N., 118° 03'59E.
leading line, pecked line for 0-76M then firm line for 0-81M (b) extending in direction
184° 55' from (a) above
seaward end of (b) above
legend, 004° 55' 24° 29'82N., 118° 04'07E.
radar beacon, *Racon (G)*(3cm) 24° 28'14N., 118° 03'78E.
○ *Wk*, least depth 5₁ m 24° 23'24N., 118° 05'40E.
○ *Wk*, least depth 3₃ m 24° 28'10N., 118° 03'31E.
light to, *Fl.6s33m16M*

Chart [*Last correction*].— **3449** [3272/02]

Light List Vol. F, 2001/02, 3615, 3616.5, 3616.51, 3618

Admiralty List of Radio Signals, Vol. 2, 2002/03: 81495

Chinese Charts 14240 and 14292 (HH.548/456/03).

II

3274 CHINA, East Coast — Approaches to Shanghai — Chongming Dao Eastwards — Submarine cables

Insert	submarine cable, joining:	(a) 31° 37'·26N., 121° 52'·54E. (b) 31° 40'·00N., 121° 54'·10E. (c) 31° 48'·85N., 124° 23'·53E. (d) 31° 16'·24N., 125° 13'·11E. (e) 30° 58'·60N., 126° 39'·90E. (f) 30° 44'·65N., 127° 09'·26E. (S. border) (g) 30° 40'·76N., 127° 17'·26E. and (h) 31° 36'·43N., 121° 54'·07E. (i) 31° 42'·02N., 122° 00'·02E. (j) 31° 44'·10N., 122° 10'·00E. (k) 31° 44'·83N., 124° 21'·49E. (l) 31° 11'·95N., 125° 09'·31E. (m) 31° 00'·93N., 126° 01'·80E. (n) 30° 44'·65N., 126° 07'·67E. (S. border) (o) 30° 10'·22N., 126° 20'·02E. (p) 29° 39'·66N., 126° 42'·17E. (q) 28° 26'·87N., 127° 06'·22E.
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Chart [*Last correction*].— **3480** (*a–f, h–n*) [2951/02] — **2412** (*a–e, g–m, o–q*) [2951/02]
Chinese Notices 20/374–375/02 (HH.548/300/03).

3275 JAPAN — Kyūshū, West Coast — Yatsushiro Kai — Senzokuzōzō Shima to Amukusa–Kami Shima — Submarine pipeline

Insert	submarine pipeline joining:	32° 32'·37N., 130° 27'·83E. (shore) (a) 32° 31'·87N., 130° 28'·12E. (b) 32° 30'·70N., 130° 27'·77E. 32° 30'·83N., 130° 27'·32E. (shore) along (a)–(b) above
	legend, <i>Water</i>	

Chart [*Last correction*].— **2401** [2329/02]
Japanese Notice 25/871/02 (HH.564/401/07).

3276 JAPAN — Kyūshū, South Coast — Kagoshima Wan — Kagoshima Southwards — Mokuzai Kō — Restricted areas; Works

Insert	limit of restricted area, pecked line, joining:	(a) 31° 32'·44N., 130° 33'·12E. (b) 31° 32'·28N., 130° 33'·58E. (c) 31° 31'·98N., 130° 33'·44E. (d) 31° 32'·14N., 130° 32'·98E. and (e) 31° 31'·85N., 130° 32'·89E. (f) 31° 31'·78N., 130° 33'·46E. (g) 31° 31'·56N., 130° 33'·53E. (h) 31° 31'·62N., 130° 32'·76E.
	legend, <i>Works in progress (2002) (marked)</i>	within (a)–(d) above
	legend, <i>Entry Prohibited</i> , centred on:	within (e)–(h) above 31° 32'·1N., 130° 33'·7E. 31° 31'·7N., 130° 33'·7E.
Delete	legend, <i>Works in progress (2001)</i> , centred on:	31° 32'·2N., 130° 33'·3E. 31° 31'·7N., 130° 33'·1E.

Chart [*Last correction*].— **654 (plan C, Kagoshima)** [2952/02]
Japanese Chart W214A (HH.564/402/02).

II

3277 JAPAN — Kyūshū, South Coast — Kagoshima Wan — Sakura Shima Westwards — Akobai to Oki Ko Shima — Marine farms; Fish haven

Insert limit of marine farm, pecked line, joining:

31° 36′.51N., 130° 36′.41E.
 31° 36′.43N., 130° 36′.61E.
 31° 35′.88N., 130° 36′.26E.
 31° 36′.02N., 130° 36′.04E.
 and
 31° 34′.31N., 130° 36′.29E.
 31° 34′.35N., 130° 36′.41E.
 31° 34′.17N., 130° 36′.52E.
 31° 34′.11N., 130° 36′.38E.
 and
 31° 33′.22N., 130° 36′.56E.
 31° 32′.87N., 130° 36′.85E.
 31° 32′.62N., 130° 36′.71E.
 31° 33′.04N., 130° 36′.33E.
 31° 36′.29N., 130° 36′.29E.

Delete fish haven

Chart [*Last correction*].— **654 (plan C, Kagoshima)** [3276/02]
 Japanese Chart W214A (HH.564/402/02).

3278 JAPAN — Honshū, West Coast — Naka Umi — Submarine power cable; Light

Certain copies only

Insert submarine power cable joining:

35° 25′.98N., 133° 11′.61E. (shore)
 (a) 35° 27′.97N., 133° 11′.43E. (tower)
 (a) above

Amend legend to, (*Y Lt*), at tower

Chart [*Last correction*].— **1301 (plan, Approaches to Sakai and Nuka Umi)** [2331/02]
 UK Hydrographic Office (HH.563/485/03).

3279 JAPAN — Honshū, South Coast — Approaches to Ise Wan — Shima Hanto Southeastwards — Enshū Nada — Submarine cable

Insert submarine cable joining:

34° 21′.22N., 136° 55′.63E.
 (existing cable)
 (a) 34° 21′.18N., 136° 56′.57E.
 (chart 952, existing cable)
 (b) 34° 20′.57N., 136° 58′.28E.
 (c) 34° 14′.19N., 137° 02′.35E.
 (chart 2957, S. border)

Chart [*Last correction*].— **2957** [2542/02] — **952 (a–c)** [2217/02]
 Japanese Notice 25/864/02 (HH.563/405/05).

3280 JAPAN — Honshū, East Coast — Kashima Kō Northwards — Fish haven

Insert  36° 00′.28N., 140° 42′.13E.

Chart [*Last correction*].— **3373** [2702/02]
 Japanese Notice 22/759/02 (HH.563/444/02).

3281 JAPAN — Seto Naikai — Honshū, South Coast — Yanagino Seto — Submarine pipeline

Insert submarine pipeline joining:

(a) 34° 17′.88N., 132° 51′.75E. (shore)
 34° 16′.17N., 132° 52′.34E.
 legend, *Water* (b) 34° 16′.12N., 132° 52′.26E. (shore)

Chart [*Last correction*].— **3603** [2835/02] — **3604** [828/02]
 Japanese Notice 25/868/02 (HH.568/448/05).

3282 KOREA, West Coast — Approaches to Kunsan — Osik To Northwards — Buoy

Move No 6 light-buoy from:
 to: 35° 58′.50N., 126° 33′.20E.
 35° 58′.50N., 126° 33′.47E.

Chart [*Last correction*].— **1558 (plan B, Approaches to Kunsan)** [2841/02]
 Korean Notice 26/351/02 (HH.557/412/04).

II

3283 KOREA, South Coast — Kwangyang Hang and Myodo Sudo — Safety Fairway 3 and Mokto Westwards — Buoyage

Insert	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No A</i>	34° 52′.107N., 127° 46′.067E.
	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No B</i>	34° 52′.240N., 127° 45′.917E.
	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No C</i>	34° 52′.383N., 127° 45′.755E.
	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No D</i>	34° 52′.525N., 127° 45′.585E.
	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No E</i>	34° 52′.653N., 127° 45′.508E.
	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No F</i>	34° 52′.767N., 127° 45′.428E.
	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No G</i>	34° 52′.900N., 127° 45′.342E.
	special pillar light–buoy with topmark, <i>Fl(2)Y.6s No H</i>	34° 53′.000N., 127° 45′.233E.
Move	(No 1) light–buoy from:	34° 51′.705N., 127° 42′.958E.
	to:	34° 51′.667N., 127° 42′.850E.

Chart [*Last correction*].— **3390** (INT 5362) [1265/02]
Korean Notices 26/337–338/02 (HH.557/444/06).

3284 KOREA, South Coast — Changseondo, East Coast — Nambangong — Breakwaters; Lights

Insert	breakwater, single firm line, joining:	34° 50′.55N., 128° 04′.19E. (shore)
		(a) 34° 50′.67N., 128° 04′.08E.
		and
		34° 50′.76N., 128° 03′.97E. (shore)
		(b) 34° 50′.71N., 128° 04′.01E.
	★ <i>Fl.G.4s5M</i>	(a) above
	★ <i>Fl.R.4s5M</i>	(b) above

Chart [*Last correction*].— **3391** (INT 5360) [*New Edition 18/7/02*]
Light List Vol. F, 2001/02, 4321.15, 4321.17
Korean Notices 26/335–336/02 (HH.557/440/05).

3285 KOREA, East Coast — Taebyŏn Hang — Light–beacon

Delete	port–hand light–beacon with topmark <i>Fl(2)G.6s11m8M</i> , (chart 1065, ★ <i>Fl(2)G.6s11m8M</i>), (chart 3666, ★ <i>Fl(2)G.6s8M</i>)	35° 12′.91N., 129° 14′.05E.
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Chart [*Last correction*].— **896** (INT 5355) [2843/02] — **1065** [2704/02] — **3666** (INT 5251) [2547/02]
Light List Vol. F, 2001/02, 4375.8
Korean Notice 24/314/02 (HH.557/464/07).

3286 KOREA, East Coast — Ulsan — Ulsan Man — Onsan Hang — Light; Buoyage

Insert	★ <i>Fl.Y.4s7M</i>	35° 26′.783N., 129° 22′.130E.
Delete	No 3 light–buoy	35° 26′.77N., 129° 22′.20E.
	No 5 light–buoy	35° 26′.76N., 129° 22′.08E.

Chart [*Last correction*].— **898** (plan A, Ulsan and Mip'o) [2843/02]
Light List Vol. F, 2001/02, 4379.7
Korean Notices 23/303/02 & 23/305/02 (HH.557/466/08).

3287* INDONESIA — Kalimantan, West Coast — Selat Karimata — Karang Ontario Southwards — Depth

Insert	depth 284 m enclosed by ☉, <i>Rep (2002)</i> , (chart 941A, depth 15fm enclosed by ☉, <i>Rep (2002)</i>)	2° 03′.15S., 108° 37′.90E.
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Chart [*Last correction*].— **3758** [4170/01] — **1312** [3269/02] — **941A** [3269/02]
A. Tewari (HH.527/500/03).

3288 INDONESIA — Jawa, North Coast — Tuban Oil Terminal Northeastwards — Wreck

Insert	☼	6° 39′.30S., 112° 17′.50E.
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Chart [*Last correction*].— **3731** [4817/01] — **1066** [289/02] — **941A** [3287/02] — **941B** [2961/02] — **4508** (INT 508) [3073/02] — **4708** (INT 708) [2072/01]
Indonesian Notice 17/123/02 (HH.526/575/02).

3289 AUSTRALIA — Queensland — Franklin Islands Southwestwards — Noggin Passage — Jackson Patches — Depths

Insert	depth 23 m	(a) 17° 16′.20S., 146° 18′.26E.
Substitute	depth 11 fm for depth 21 fm	(b) 17° 16′.0S., 146° 18′.4E.
Delete	depth 39 m	(c) close N. of (a) above
	depth 32 m	(d) close SW. of (a) above

Chart [*Last correction*].— **Aus 829** (a,c,d) [2446/02] — **Aus 830** (a,c,d) [2847/02] — **Aus 372** (b) [1282/02]
Australian Notice 12/359/02 (HH.571/009/02).

II

3290 AUSTRALIA — Western Australia — Geraldton — Light-beacons; Lights; Buoyage; Depth

Insert	starboard-hand light-beacon, <i>Fl(2)G.5s</i>	(a)	28° 46'·286S., 114° 35'·561E.
	port-hand light-beacon, <i>Fl(2)R.5s</i>	(b)	28° 46'·298S., 114° 35'·609E.
Amend	light to, <i>F.Bu</i>	(c)	28° 46'·378S., 114° 35'·571E.
		(d)	28° 46'·442S., 114° 35'·551E.
Move	special spherical light-buoy, <i>Fl(3)Y.20s</i> , from:	(e)	28° 45'·38S., 114° 34'·07E.
	to:	(f)	28° 45'·395S., 114° 33'·936E.
Delete	special spherical buoy	(g)	28° 45'·42S., 114° 34'·08E.
	depth 12 ₉ m	(h)	close N. of (f) above

Note: Former Notice 2495(T)/02 is cancelled.

Chart [*Last correction*].— **Aus 81 (plan, Port of Geraldton)** (*a–d*) & **Aus 81** (*c–h*) [1406/02]

Light List Vol. K, 2002/03, 1753, 1753.1, 1753.102, 1753.105

Australian Notice 12/363/02 (HH.571/009/02).

3291 AUSTRALIA — South Australia — Spencer Gulf — Yarraville Shoals — Light-beacon; Light

Insert	white light-beacon, <i>Fl(3)15s11m10M</i>	(a)	33° 17'·09S., 137° 34'·92E.
	white light-beacon, <i>Fl(3)15s10M</i>	(b)	33° 17'·10S., 137° 35'·06E.
	★ <i>Fl(3)10M</i>	(c)	33° 17'·6S., 137° 35'·5E.
Delete	★ <i>Fl(3)15s11m10M</i> , (chart Aus 344, ★ <i>Fl(3)15s10M</i>), (chart Aus 444, ★ <i>Fl(3)10M</i>)	(d)	close E. of (a)/(b)/(c) above

Chart [*Last correction*].— **Aus 778** (*a,d*) [2119/02] — **Aus 344** (*b,d*) [2119/02] — **Aus 444** (*c,d*) [2849/02]

Light List Vol. K, 2002/03, 1931, 1931.1

Australian Notice 12/364/02 (HH.571/009/02).

3292 AUSTRALIA — South Australia — Port Pirie — Mount Ferguson Southwards — Light-beacon

Substitute	special light-beacon with topmark, <i>Fl.3s</i> , for light-beacon <i>Fl.3s</i>	33° 06'·42S., 138° 01'·69E.
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Chart [*Last correction*].— **Aus 136 (plan, Port Pirie)** [2343/02]

Light List Vol. K, 2002/03, 1963.16

Australian Notice 12/365/02 (HH.571/009/02).

3293 AUSTRALIA — Victoria — Port Phillip — South Channel to Symonds Channel — Depths

Insert	depth 2m enclosed by 2m contour	(a)	38° 17'·23S., 144° 43'·29E.
	depth 4 ₆ m enclosed by 5m contour	(b)	38° 17'·78S., 144° 44'·63E.
	depth 1 ₅ m enclosed by 2m contour	(c)	38° 19'·08S., 144° 44'·98E.
Substitute	depth 4 ₉ m for depth 3 ₆ m	(d)	38° 17'·75S., 144° 44'·38E.
Delete	depth 14 ₈ m enclosed by 15m contour	(e)	38° 17'·56S., 144° 41'·35E.
	depth 14 ₆ m enclosed by 15m contour	(f)	38° 17'·68S., 144° 41'·97E.
	10m contour centred on:	(g)	38° 17'·93S., 144° 43'·14E.
	depth 9 ₇ m enclosed by 10m contour	(h)	38° 18'·00S., 144° 43'·38E.
	depth 4 ₆ m enclosed by 5m contour	(i)	38° 17'·89S., 144° 44'·86E.
	depth 1 ₂ m and associated 2m contour	(j)	38° 16'·07S., 144° 43'·25E.
	depth 1 ₂ m enclosed by 2m contour	(k)	38° 16'·0S., 144° 43'·1E.
	depth 2 ₁ m	(l)	close SE. of (c) above
	depth 3 ₃ m	(m)	close S. of (a) above

Chart [*Last correction*].— **Aus 158** (*a–j*) [2975/02] — **Aus 143** (*a–d,i,k–m*) [2975/02]

Australian Notice 12/366/02 (HH.571/009/02).

3294 AUSTRALIA — Victoria — Port Phillip — Indented Head Northeastwards — Buoy

Insert	special spar light-buoy, <i>Fl(2)Y.10s</i>	38° 04'·5S., 144° 52'·2E.
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Chart [*Last correction*].— **Aus 143** [3293/02]

Australian Notice 12/367/02 (HH.571/009/02).

3295 AUSTRALIA — Victoria — Lakes Entrance — Note; Lights

Insert	the accompanying note, LAKES ENTRANCE, centred on:	(a)	38° 13'·05S., 146° 46'·5E.
Substitute	the accompanying note, LAKES ENTRANCE, for existing note, centred on:	(b)	40° 01'·50S., 149° 25'·08E.
Amend	light to, <i>F. & F.Bu</i>	(c)	37° 53'·5S., 147° 58'·3E.
Delete	former note, LAKES ENTRANCE, centred on:	(d)	38° 19'·0S., 146° 35'·5E.

Chart [*Last correction*].— **Aus 357** (*a,c,d*) [2564/02] — **Aus 358** (*b,c*) [958/02]

Light List Vol. K, 2002/03, 2545, 2545.3, 2545.31

Australian Notice 12/368/02 (HH.571/009/02).

II

3296 NORTH PACIFIC OCEAN — Hawaiian Islands — Hawaii, East Coast — Hilo Bay — Hilo — Coconut Point — Light

Amend	light to, <i>F.G.12m10M</i>	(a)	19° 43'·79N., 155° 05'·34W.
	light to, <i>F.G.10M</i>	(b)	19° 43'·6N., 155° 05'·2W.
Delete	sectors at light as follows:	(c)	(a) above
	<i>R</i> 162° – 193° (31°)		
	<i>R</i> 201° – 283° (82°)		
	Green sector remains unchanged		

Chart [*Last correction*].— **1490 (plan, Hilo Bay)** (a,c) [2756/01] — **1309 (b)** [3085/02]

Light List Vol. G, 2001/02, 7200

U.S. Notice 27/19324/02 (HH.613/405/03).

3297 NORTH AMERICA, West Coast — Washington — Juan de Fuca Strait — Lopez Island Southeastwards — Depths

Insert	depth 14 ₆ m enclosed by 20m contour	48° 24'·76N., 122° 49'·19W.
	depth 13 ₃ m enclosed by 20m contour	48° 24'·82N., 122° 48'·94W.
Substitute	depth 17 ₄ m enclosed by 20m contour for depth 23 ₅ m	48° 24'·96N., 122° 48'·72W.

Chart [*Last correction*].— **80** [602/02] — **76** [4504/01]

U.S. Chart 18421 (HH.612/490/04).

3298 NORTH AMERICA, West Coast — Washington — Puget Sound — Commencement Bay — Approaches to Tacoma — Depths

Insert	depth 7 ₆ m	47° 16'·33N., 122° 25'·95W.
	depth 12 ₂ m	47° 16'·39N., 122° 25'·82W.

Chart [*Last correction*].— **48 (plan A, Tacoma)** [2012/02]

U.S. Notice 28/18453/02 (HH.612/485/06).

3299 NORTH AMERICA, West Coast — Columbia River — Slaughters Channel, Cottonwood Island Northwestwards and Henrici Range — Depths

Insert	depth 6 ₁ fm	(a)	46° 06'·85N., 122° 58'·63W.
		(b)	46° 05'·69N., 122° 56'·21W.
	depth 3 ₃ fm	(c)	46° 05'·19N., 122° 54'·33W.
	depth 1 ₁ fm		45° 47'·44N., 122° 47'·11W.
Substitute	depth 4 ₄ fm enclosed by 6fm contour for depth 6 ₁ fm		46° 06'·4N., 122° 57'·7W.
Delete	depth 6 ₄ fm		close NW. of (a) above
	depth 7 ₃ fm		close ESE. of (b) above
	depth 4 ₅ fm		close NW. of (c) above

Chart [*Last correction*].— **2849 (panel A)** [3089/02]

U.S. Notices 28/18524–18525/02 (HH.612/460/04).

3300 NORTH AMERICA, West Coast — Mexico — Punta Farallón — Light

Amend	range of light to, <i>15M</i>	(a)	19° 22'·5N., 105° 01'·8W.
		(b)	19° 23'·5N., 105° 02'·8W.

Chart [*Last correction*].— **1053 (a)** [968/02] — **2323 (b)** [1919/02]

Light List Vol. G, 2001/02, 3481.4

Mexican Lights List, 2001 (HH.623/410/02).

3301 SOUTH AMERICA, West Coast — Chile — Puerto Corral — Muelle Fiscal de Pasajeros — Light

Delete	★ Fl(2)R.6s30ft6M	(a)	39° 52'·96S., 73° 25'·50W.
		(b)	39° 52'·08S., 73° 25'·69W.

Chart [*Last correction*].— **3081 (plan, Puerto Corral)** (a) & **(plan, Bahía Corral and Río Valdivia)** (b) [971/02]

Light List Vol. G, 2001/02, 1734

Chilean Notice 5/72/02 (HH.646/401/02).

3302 SOUTH AMERICA, West Coast — Chile — Estrecho de Magallanes — Bahía Cook — Lights

Insert	★ <i>Fl.R.5s6M</i>	(a)	55° 03'·00S., 70° 12'·30W.
		(b)	55° 04'·30S., 70° 12'·30W.
	★ <i>Q(9)15s6M</i>	(c)	55° 06'·80S., 70° 14'·40W.
		(d)	55° 07'·60S., 70° 13'·50W.
Delete	★ <i>Q(6)+LFl.15s6M</i>	(e)	55° 05'·0S., 70° 09'·0W.
		(f)	55° 06'·0S., 70° 09'·0W.

Chart [*Last correction*].— **554 (a,c,e)** [972/02] — **1373 (b,d,f)** [972/02]

Light List Vol. G, 2001/02, 1333.15, 1333.17, 1333.19

Chilean Notices 5/78–79/02 (HH.649/420/03).

II

3303 GULF OF MEXICO — Louisiana — Southwestern Approaches to the Mississippi River and Approaches to LOOP — Submarine pipelines

- | | | |
|--------|------------------------------------|--|
| Insert | submarine pipeline joining: | <p>(a) 28° 43'·19N., 89° 54'·70W.
(fairway limit)</p> <p>(b) 28° 42'·74N., 89° 52'·47W.
(fairway limit)</p> <p>and</p> <p>(c) 28° 32'·87N., 89° 55'·65W.
(fairway limit)</p> <p>(d) 28° 33'·34N., 89° 54'·73W.</p> <p>(e) 28° 34'·51N., 89° 53'·42W.
(fairway limit)</p> <p>and</p> <p>(f) 28° 48'·73N., 90° 04'·53W.</p> <p>(g) 28° 56'·00N., 90° 02'·22W.
(N. border)</p> <p>and</p> <p>(h) 28° 33'·00N., 89° 42'·35W.
(fairway limit)</p> <p>(i) 28° 31'·18N., 89° 42'·30W.</p> <p>(j) 28° 30'·00N., 89° 42'·45W.</p> <p>(k) 28° 29'·68N., 89° 42'·38W.
(fairway limit)</p> |
| Delete | former submarine pipeline joining: | <p>(l) 28° 48'·53N., 90° 04'·57W.</p> <p>(m) 28° 56'·00N., 90° 02'·12W.
(N. border)</p> <p>and</p> <p>(n) 28° 32'·82N., 89° 55'·80W. (□)</p> <p>(o) 28° 34'·65N., 89° 53'·30W.</p> |

Chart [*Last correction*].— **3856** (*a–g, l–o*) [3101/02] — **3857** (*a, b, h–k*) [3101/02]
U.S. Chart 11359 (HH.616/183/04).

3304 GULF OF MEXICO — Louisiana — Outer Approaches to Calcasieu Pass — Well; Buoy

- | | | |
|--------|--|---|
| Delete | ○ Well least depth 72ft,
(chart 3850, ○ Well least depth 12fm)
starboard–hand pillar light–buoy, Q.R | <p>(a) 28° 49'·4N., 92° 50'·5W.
close N. of (a) above</p> |
|--------|--|---|

Chart [*Last correction*].— **3854** [3196/02] — **3850** (*a*) [3197/02]
U.S. Notice 29/11340/02 (HH.616/180/2002).

3305 GULF OF MEXICO — Louisiana — Trinity Shoal Southeastwards — Well

- | | | |
|--------|--------------------------|--------------------------|
| Insert | ○ Well, least depth 12fm | 28° 49'·1N., 91° 50'·7W. |
|--------|--------------------------|--------------------------|

Chart [*Last correction*].— **3850** [3304/02]
U.S. Notice 29/11340/02 (HH.616/180/2002).

II

3306 GULF OF MEXICO — Alabama and Florida — Dauphin Island Southwards to Approaches to Pensacola — Submarine pipelines

Insert	submarine pipeline joining:	(a) 30° 08'·27N., 88° 17'·11W. (fairway limit)
		(b) 30° 06'·54N., 88° 15'·40W. (E. border)
		(c) 30° 07'·14N., 88° 15'·99W. (W. border)
		(d) 30° 06'·03N., 88° 14'·91W. (fairway limit)
		(e) (a) above
		(f) 30° 06'·05N., 88° 14'·99W. (fairway limit)
		(g) 30° 04'·62N., 88° 10'·40W. (fairway limit)
		(h) 30° 03'·67N., 88° 08'·10W. (fairway limit)
		(i) (a) above
		(j) (d) above and
		(k) 30° 04'·60N., 88° 10'·60W. (fairway limit)
		(l) 30° 03'·80N., 88° 08'·20W. (fairway limit) and
		(m) 29° 57'·00N., 87° 54'·50W. (fairway limit)
		(n) 29° 55'·80N., 87° 50'·70W. (fairway limit) and
		(o) 29° 46'·30N., 87° 18'·10W. (fairway limit)
		(p) 29° 45'·50N., 87° 15'·90W. (fairway limit) and
		(q) 29° 46'·20N., 87° 17'·90W. (fairway limit)
		(r) 29° 45'·50N., 87° 15'·60W. (fairway limit)

Chart [*Last correction*].— **3151** (a,b) [3199/02] — **3150** (c,d) [3103/02] — **3858** (e-h) [3198/02] — **3851** (i-p) [3198/02] — **3852** (q,r) [3200/02]
U.S. Notices 29/11360/02 & 29/11373/02 (HH.616/180/2002).

3307 GULF OF MEXICO — Florida — Pensacola Bay — Caucus Channel Eastwards to Pensacola Naval Air Station Eastwards — Depths; Obstruction; Dredged depths

Insert	depth 32ft	(a) 30° 19'·06N., 87° 18'·59W.
	depth 33ft	(b) 30° 19'·13N., 87° 18'·44W.
	⊙ <i>Obstn</i> , least depth 35ft	30° 16'·50N., 87° 17'·08W.
Amend	dredged depth to, 39ft (2001)	30° 20'·00N., 87° 17'·13W.
		30° 20'·37N., 87° 16'·25W.
	dredged depth to, 40½ft (2001)	30° 20'·58N., 87° 15'·74W.
Substitute	depth 14ft for depth 16ft	30° 20'·28N., 87° 16'·70W.
	depth 36ft for depth 47ft	30° 19'·20N., 87° 18'·55W.
Delete	depth 46ft	close S. of (a) above
	depth 45ft	close N. of (b) above
	depth 47ft	close S. of (b) above

Chart [*Last correction*].— **3149** (plan, Pensacola Bay) [3104/02]
U.S. Chart 11383 (HH.615/460/04).

II

3308 GULF OF MEXICO — Florida — Tampa Bay — Alafia River Channel to Hookers Point — Dredged area; Depth; Dredged depths

Insert	limit of dredged area, pecked line, joining:	(a) 27° 54'·262N., 82° 26'·275W. (32' buoy)
		(b) 27° 54'·118N., 82° 26'·288W.
		(c) 27° 54'·197N., 82° 26'·167W. (dredged limit)
	legend, 40ft	(d) within (a)–(c) above
	depth 24ft	(e) 27° 54'·242N., 82° 25'·178W.
Amend	dredged depth to, 32ft	(f) 27° 50'·68N., 82° 26'·57W.
	dredged depth to, 27½ft (2002)	(g) 27° 51'·07N., 82° 25'·07W.
	dredged depth to, 26ft	(h) 27° 51'·34N., 82° 23'·49W.
	dredged depth to, 26ft (2002)	(i) 27° 54'·21N., 82° 25'·33W.
	dredged depth to, 32½ft (2002)	(j) 27° 54'·23N., 82° 25'·33W.
	dredged depth to, 34½ft (2002)	(k) 27° 54'·74N., 82° 26'·48W.

Chart [*Last correction*].— **3848 (plan B, Tampa) (a–e, i–k) & 3848 (f–h)** [3201/02]

U.S. Notice 28/11416/02 (HH.615/480/04).

3218 NORTH AMERICA, East Coast — Quebec — St Lawrence River — Île du Corossol to Sept-Îles — Depths

Insert	the accompanying block A, showing amendments to depths, centred on:	(a) 50° 11' 59"N., 66° 23' 53"W.
	the accompanying block B, showing amendments to depths, centred on:	(b) 50° 12'·00N., 66° 24'·08W.
	depth 23 ₉ m	(c) 50° 10'·50N., 66° 22'·65W.
	depth 18 ₆ m enclosed by 20m contour	(d) 50° 10'·27N., 66° 28'·69W.
	depth 18 ₁ m enclosed by 20m contour	(e) 50° 08'·94N., 66° 25'·26W.
	depth 25 ₁ m enclosed by 30m contour	(f) 50° 08'·89N., 66° 25'·19W.
	depth 18 ₁ m enclosed by 20m contour	(g) 50° 07'·62N., 66° 25'·26W.
	depth 35m and extend 50m contour NW. to enclose	(h) 50° 07'·11N., 66° 23'·60W.
	depth 30m enclosed by 30m contour	(i) 50° 05'·51N., 66° 22'·44W.
	depth 5m enclosed by 5m contour	(j) 50° 06'·03N., 66° 22'·72W.
Substitute	depth 18 ₂ m enclosed by 20m contour for depth 41m	(k) 50° 07'·67N., 66° 21'·23W.
Delete	depth 28 ₄ m	(l) close NW. of (c) above
	depth 20 ₆ m	(m) close NW. of (e) above

Chart [*Last correction*].— **4776 (plan, Sept-Îles) (a) & 4776 (b–m)** [4210/01] — **4775 (d)** [3340/01]

Canadian Notice 4/1220/02 (HH.605/410/02).

3309 NORTH AMERICA, East Coast — Florida — Approaches to Port of Palm Beach — Fish havens; Depths

Insert	limit of fish haven, dotted line, joining:	(a) 26° 46'·10N., 80° 00'·80W. 26° 46'·10N., 80° 00'·30W. 26° 45'·60N., 80° 00'·30W.
		(b) 26° 45'·60N., 80° 00'·80W. and
		(c) 26° 42'·00N., 80° 01'·70W. 26° 42'·00N., 80° 01'·60W. 26° 40'·50N., 80° 01'·60W.
		(d) 26° 40'·50N., 80° 01'·70W. within (a)–(b) above within (c)–(d) above within (a)–(b) above within (c)–(d) above
	depth 8 ₂ fm	
	depth 2fm	
Delete	depth 14fm	
	former depth and contour	

Chart [*Last correction*].— **3684 (plan, Approaches to Port of Palm Beach)** [3109/02]

U.S. Notice 28/11466/02 (HH.614/645/04).

3310 NORTH AMERICA, East Coast — Delaware Bay — Cape May Southwards and Brown Shoal Eastwards — Obstructions; Depths; Wrecks

Insert	○ <i>Obstn</i> , least depth 38ft, (chart 2563, ○ <i>Obstn</i> , least depth 62 fm)	(a) 38° 56'·65N., 75° 05'·67W.
	depth 10ft enclosed by 18ft contour	(b) 38° 55'·40N., 74° 55'·92W.
	depth 9ft enclosed by 18ft contour, (chart 2653, depth 1 ₃ fm and extend 3fm contour S. to enclose)	(c) 38° 55'·42N., 74° 55'·75W.
	depth 15ft enclosed by 18ft contour	(d) 38° 55'·30N., 74° 55'·17W.
Substitute	depth 2 ₃ fm for depth 3 ₃ fm and extend 3fm contour S. to enclose	(e) (d) above
	○ <i>Obstn</i> , least depth 35ft for ○ <i>Obstn</i> least depth 37ft	(f) 38° 55'·58N., 75° 06'·13W.
	○ <i>Obstn</i> , least depth 37ft for ○ <i>Wks</i> least depth 37ft	(g) 38° 55'·42N., 75° 06'·02W.
Delete	depth 26ft	(h) close W. of (b) above
	depth 4 ₂ fm	(i) close W. of (c) above

Chart [*Last correction*].— **2564 (a–d, f–h)** [3111/02] — **2563 (a, c, e, i)** [3111/02]

U.S. Notice 27/12214/02 (HH.614/530/04).

II

3311 NORTH AMERICA, East Coast — Approaches to Chesapeake Bay — Porpoise Banks Southeastwards — Wreck

Insert  37° 35'·73N., 75° 14'·80W.

Chart [*Last correction*].— **2861** [2747/02] — **2710** [2746/02]
U.S. Chart 12210 (HH.614/550/02).

3312 NORTH AMERICA, East Coast — Approaches to New York — Approaches to Ambrose Channel — Ambrose Light Westnorthwestwards — Depth

Substitute depth 8₄ fm for depth 6₅ fm enclosed by  with seabed character R, (chart 2755, depth 8₄ fm enclosed by 10 fm contour for depth 6₅ fm enclosed by  with seabed character R) 40° 27'·86N., 73° 50'·09W.

Chart [*Last correction*].— **3204** [2585/02] — **2755** [3112/02]
U.S. Notice 28/12326/02 (HH.614/495/03).

3313 NORTH AMERICA, East Coast — New York and New Jersey — Hudson River — Weehawken Eastwards to Edgewater — Depths; Obstructions; Wreck

Insert	depth 6ft enclosed by 6ft contour	(a) 40° 48'·322N., 73° 59'·048W.
	depth 16ft and extend 18ft contour E. to enclose	40° 48'·638N., 73° 58'·793W.
	 <i>Obstn Rep PA</i>	40° 47'·703N., 73° 59'·100W.
	depth 35ft	(b) 40° 46'·302N., 73° 59'·937W.
	depth 31ft	40° 46'·922N., 74° 00'·023W.
Substitute	depth 28ft enclosed by 30ft contour for depth 34ft	40° 46'·183N., 73° 59'·993W.
Delete	 <i>Obstn</i>	40° 47'·561N., 73° 59'·202W.
		40° 47'·273N., 73° 59'·244W.
	depth 27ft	close SE. of (a) above
	depth 42ft	close NE. of (b) above

Chart [*Last correction*].— **3454** [1604/02]
U.S. Chart 12341 (HH.614/515/03).

3314 NORTH AMERICA, East Coast — Connecticut — Long Island Sound — Approaches to New Haven Harbor — Merwin Point Southwestwards — Depth

Insert depth 5ft enclosed by  with seabed character, R, and extend 20ft contour SE. to enclose 41° 13'·237N., 72° 59'·700W.

Chart [*Last correction*].— **2728** [3114/02]
U.S. Notice 28/12371/02 (HH.614/575/03).

II

3315(P)/02 IRELAND, West Coast — Approaches to Galway Bay — Aran Islands Northwards and Eastwards, North Sound and Cashla Bay — Depths

1. A recent Marine Institute survey has revealed numerous changes to depths in the vicinity of the Aran Islands, North Sound and Cashla Bay.
2. The most significant shoal depths are in the following positions:

227 m	53° 12'·82N., 9° 44'·70W.
159 m	53° 12'·84N., 9° 44'·30W.
152 m	53° 12'·92N., 9° 44'·22W.
221 m	53° 12'·62N., 9° 43'·38W.
177 m	53° 12'·62N., 9° 43'·01W.
109 m	53° 12'·84N., 9° 39'·47W.
151 m	53° 12'·80N., 9° 39'·00W.
142 m	53° 12'·92N., 9° 39'·12W.
185 m	53° 12'·55N., 9° 39'·17W.
168 m	53° 12'·98N., 9° 38'·07W.
217 m	53° 12'·99N., 9° 36'·20W.
48 m	53° 16'·01N., 9° 34'·13W.
82 m	53° 15'·16N., 9° 34'·12W.
114 m	53° 14'·60N., 9° 34'·27W.
127 m	53° 14'·17N., 9° 34'·46W.
127 m	53° 13'·66N., 9° 34'·34W.
13m	53° 13'·47N., 9° 34'·24W.
14m	53° 13'·24N., 9° 34'·11W.
162 m	53° 13'·11N., 9° 37'·57W.
213 m	53° 12'·89N., 9° 33'·89W.
192 m	53° 06'·39N., 9° 31'·71W.
257 m	53° 06'·08N., 9° 32'·45W.
272 m	53° 05'·31N., 9° 30'·78W.
254 m	53° 04'·86N., 9° 31'·76W.
16m	53° 07'·99N., 9° 35'·70W.
189 m	53° 07'·81N., 9° 33'·17W.
285 m	53° 06'·02N., 9° 27'·76W.
33m	53° 02'·77N., 9° 26'·08W.
295 m	53° 11'·18N., 9° 43'·27W.
111 m	53° 10'·32N., 9° 43'·33W.
12m	53° 10'·00N., 9° 42'·63W.
125 m	53° 13'·77N., 9° 06'·12W.
3. These depths and other amendments from the survey will be included in New Editions of Charts 2096, 1984 and 3339 due to be published in 2003.

Charts affected — 2096 — 1984 — 3339 — 3338 — 2173 — 2420

Marine Institute (HH.292/440/04).

3316(P)/02 BALTIC SEA — Gulf of Bothnia — Sweden, East Coast — Piteå — Pitsundet, Yttrefjärden and Stadsrännan — Depths; Obstructions

1. A recent survey shows significant shoal depths less than charted and remnants of logs and other obstructions in Pitsundet, Yttrefjärden and Stadsrännan. Mariners are advised to navigate with caution. Depths listed below are referred to Mean Sea Level (2000). See note, DEPTH REDUCTIONS.
2. The least depth found in Pitsundet channel was 5·4m. Significantly shoaler depths exist close to the edges of the channel.
3. Within Yttrefjärden, shoal depths are located in the following positions:

23 m	65° 16'·05N., 21° 30'·30E.
11 m	65° 16'·32N., 21° 30'·04E. (alongside quay at Skuthamn)
18 m	65° 16'·60N., 21° 29'·59E.
15 m	65° 16'·61N., 21° 29'·54E.
28 m	65° 16'·65N., 21° 29'·41E.
55 m	65° 16'·63N., 21° 29'·22E.
59 m	65° 16'·69N., 21° 28'·94E.
37 m	65° 16'·83N., 21° 28'·89E.
3m	65° 16'·85N., 21° 28'·89E.
39 m	65° 16'·84N., 21° 28'·73E.
1m	65° 16'·91N., 21° 28'·69E.
5m	65° 16'·92N., 21° 28'·78E.
4. Within Stadsrännan, shoal depths are located in the following positions:

33 m	65° 18'·35N., 21° 27'·87E.
19 m	65° 18'·53N., 21° 27'·97E.
18 m	65° 18'·89N., 21° 28'·56E.
5. Chart 53 will be updated when complete details are available.

Chart affected — 53

Swedish Notice 26/357(T)/02 (HH.318/635/02).

II

3317(P)/02 PORTUGAL, West Coast — Sines — Restricted areas; Reclamation

A Portuguese chart of Sines dated April 2001 has revealed numerous changes within the port, including amendments to restricted areas and an area of reclamation, as follows:

1. A restricted area, anchoring prohibited, has been established within the following positions:
37° 57'·005N., 8° 53'·207W.
37° 55'·225N., 8° 53'·207W.
37° 55'·225N., 8° 52'·406W.
37° 56'·950N., 8° 52'·406W.
2. A restricted area, anchoring and fishing prohibited, has been discontinued between the following positions:
37° 56'·302N., 8° 51'·447W.
37° 56'·970N., 8° 52'·122W.
37° 56'·033N., 8° 53'·180W.
37° 55'·371N., 8° 51'·230W.
37° 56'·176N., 8° 50'·785W.
3. An entry restricted area has been discontinued between the following positions:
37° 56'·186N., 8° 53'·224W.
37° 56'·962N., 8° 52'·140W.
4. The restricted area, anchoring prohibited, north of Sines has been extended. The area is now bounded by the following positions:
37° 59'·59N., 8° 53'·89W.
38° 00'·39N., 8° 53'·12W.
37° 59'·33N., 8° 51'·32W.
37° 58'·45N., 8° 51'·97W.
5. An area is being reclaimed between the following positions:
37° 55'·845N., 8° 51'·309W.
37° 55'·645N., 8° 51'·128W.
37° 55'·305N., 8° 50'·574W.
37° 56'·131N., 8° 49'·847W.
6. Mariners area advised to navigate with caution in this area.
7. These and other changes will be included in a New Chart to be published in due course.
8. Former Notice 4641(P)/01 is cancelled.

Chart affected — 3276

Portuguese Chart 26408 (HH.363/480/04).

3318(P)/02 INDIA, South-East Coast — Gulf of Mannār — Tuticorin — Depths; Lights; Buoyage

1. Mariners are advised that there have been changes to charted detail within the port limit of Tuticorin (8° 45'·0N., 78° 14'·0E).
2. Depths within the harbour and alongside the jetties are now slightly less than charted. There have also been amendments to lights and buoyage.
3. For details of these changes Mariners should consult latest charts produced by the National Hydrographic Office of India.
4. These changes will be included in the next New Edition of Chart 3581 to be published in due course.
5. Former Notice 3694(P)/00 is cancelled.

Charts affected — 3581 — 1586

Indian Chart 2075 (HH.503/400/03).

3319(P)/02 INDIA, East Coast — The Pilots Ridge to Nizāmpatnam Bay — Depths

1. New editions of Indian charts have been received which include new depth information along the east coast of India from The Pilots Ridge (20° 45'·0N., 87° 30'·0E.) to Nizāmpatnam Bay (15° 35'·0N., 80° 30'·0E.) which is significantly different from charted detail.
2. All significant new depths of less than 30 metres have been included on Charts 2060, 2061, 2062 and 2063 by Notice to Mariners updates.
3. For details of changes to depths deeper than 30 metres, Mariners are advised to consult latest charts of the region produced by the National Hydrographic Office of India.
4. These changes will be included in the next New Editions of Charts 2060, 2061, 2062 and 2063 to be published in 2004.

Charts affected — 2058 — 2060 — 2061 — 2062 — 2063 — 829

Indian Charts 352, 353 & 355 (HH.503/460/02).

II

3320(P)/02 CHINA, South-East Coast — Xiamen Gang — Anchorage areas; Quarantine anchorage areas; Pilot boarding places

1. No 3 anchorage area has been established within the following positions:
 $24^{\circ} 23' 90''\text{N.}, 118^{\circ} 04' 54''\text{E.}$
 $24^{\circ} 24' 22''\text{N.}, 118^{\circ} 05' 09''\text{E.}$
 $24^{\circ} 23' 94''\text{N.}, 118^{\circ} 06' 11''\text{E.}$
 $24^{\circ} 22' 57''\text{N.}, 118^{\circ} 06' 84''\text{E.}$
 $24^{\circ} 22' 35''\text{N.}, 118^{\circ} 06' 32''\text{E.}$
2. No 4 Quarantine anchorage area and pilot boarding place has been established within the following positions:
 $24^{\circ} 25' 10''\text{N.}, 118^{\circ} 05' 79''\text{E.}$
 $24^{\circ} 25' 33''\text{N.}, 118^{\circ} 06' 18''\text{E.}$
 $24^{\circ} 24' 62''\text{N.}, 118^{\circ} 07' 30''\text{E.}$
 $24^{\circ} 23' 71''\text{N.}, 118^{\circ} 08' 10''\text{E.}$
 $24^{\circ} 23' 14''\text{N.}, 118^{\circ} 07' 47''\text{E.}$
 $24^{\circ} 24' 59''\text{N.}, 118^{\circ} 06' 07''\text{E.}$
3. No 5 anchorage area has been established within the following positions:
 $24^{\circ} 25' 96''\text{N.}, 118^{\circ} 02' 55''\text{E.}$
 $24^{\circ} 25' 90''\text{N.}, 118^{\circ} 02' 80''\text{E.}$
 $24^{\circ} 25' 08''\text{N.}, 118^{\circ} 04' 23''\text{E.}$
 $24^{\circ} 24' 90''\text{N.}, 118^{\circ} 04' 13''\text{E.}$
 $24^{\circ} 25' 18''\text{N.}, 118^{\circ} 02' 55''\text{E.}$
4. No 7 anchorage area has been established within the following positions:
 $24^{\circ} 26' 05''\text{N.}, 118^{\circ} 02' 19''\text{E.}$
 $24^{\circ} 25' 98''\text{N.}, 118^{\circ} 02' 50''\text{E.}$
 $24^{\circ} 25' 17''\text{N.}, 118^{\circ} 02' 50''\text{E.}$
 $24^{\circ} 25' 40''\text{N.}, 118^{\circ} 01' 16''\text{E.}$
 $24^{\circ} 25' 90''\text{N.}, 118^{\circ} 01' 13''\text{E.}$
5. The Quarantine anchorage area and pilot boarding place centred on position $24^{\circ} 24' 49''\text{N.}, 118^{\circ} 05' 28''\text{E.}$ have been discontinued.

Charts affected — 3449 — 1767

Chinese Chart 14240 (HH.548/456/03).

3321(P)/02 CHINA, South-East Coast — Xiamen Gang and Xiamen Neigang — Channel; Buoyage; Port developments

1. A new channel has been established in Xiamen Gang centred on the following positions:
 $24^{\circ} 24' 92''\text{N.}, 118^{\circ} 04' 83''\text{E.}$
 $24^{\circ} 26' 74''\text{N.}, 118^{\circ} 04' 43''\text{E.}$
 $24^{\circ} 27' 02''\text{N.}, 118^{\circ} 04' 24''\text{E.}$
2. Light-buoys have been established in the following positions:
 a. isolated danger pillar light-buoy, *Fl(2)5s* $24^{\circ} 26' 52''\text{N.}, 118^{\circ} 04' 59''\text{E.}$
 b. E. cardinal light-buoy, *Q(3)10s* $24^{\circ} 26' 33''\text{N.}, 118^{\circ} 04' 64''\text{E.}$
 c. W. cardinal light-buoy, *Q(9)15s* $24^{\circ} 26' 35''\text{N.}, 118^{\circ} 04' 57''\text{E.}$
3. The following buoys have been removed from the following positions:
 port-hand pillar buoy with topmark close E. of position a. above
 port-hand pillar buoy with topmark close NE. of position b. above
 starboard-hand pillar light-buoy with topmark, *Fl.G.4s* close W. of position c. above
 port-hand pillar buoy with topmark $24^{\circ} 26' 66''\text{N.}, 118^{\circ} 04' 55''\text{E.}$
 starboard-hand pillar light-buoy with topmark, *Fl(2)G.6s* $24^{\circ} 26' 67''\text{N.}, 118^{\circ} 04' 47''\text{E.}$
4. New jetties, wharfs and other port developments have taken place in Xiamen Gang.
5. These and other changes will be included in the next New Edition of Chart 3449.

Chart affected — 3449

Chinese Chart 14292 (HH.548/456/03).

3322(P)/02 CHINA — Chang Jiang — Shanghai — Huangpu Jiang — Tunnel; Reclamation

1. Works are in progress to establish a tunnel with associated reclamation on either side of Huangpu Jiang, centred on position $31^{\circ} 22' 73''\text{N.}, 121^{\circ} 30' 00''\text{E.}$
2. Mariners are advised to proceed with caution when navigating in the area.
3. These and other changes will be included in the next New Edition of Chart 1601.

Chart affected — 1601

Chinese Chart 13183 (HH.548/476/02).

II

3323(P)/02 CHINA, East Coast — Chang Jiang — Approaches to Shanghai — Changjiang Kou — Beicao Shuidao — Works

- Work has commenced to construct dams between the following positions:
 $31^{\circ} 14' 74'' \text{N.}, 122^{\circ} 07' 95'' \text{E.}$
 $31^{\circ} 13' 57'' \text{N.}, 122^{\circ} 07' 04'' \text{E.}$
 $31^{\circ} 07' 71'' \text{N.}, 122^{\circ} 17' 21'' \text{E.}$
 $31^{\circ} 08' 68'' \text{N.}, 122^{\circ} 18' 00'' \text{E.}$
 and
 $31^{\circ} 12' 67'' \text{N.}, 122^{\circ} 04' 90'' \text{E.}$
 $31^{\circ} 11' 62'' \text{N.}, 122^{\circ} 04' 05'' \text{E.}$
 $31^{\circ} 05' 53'' \text{N.}, 122^{\circ} 13' 56'' \text{E.}$
 $31^{\circ} 06' 73'' \text{N.}, 122^{\circ} 14' 62'' \text{E.}$
- Mariners are advised to navigate with caution in the area.

Chart affected — 1602

Chinese Notice 22/447/02 (HH.548/473/07).

3324(P)/02 CHINA — Bo Hai — Approaches to Qinhuangdao — Buoyage; Lights

Mariners are advised that significant changes have been made to the buoyage and lights in Qinhuangdao and approaches. The amendments will be included in the next New Edition of Chart 3378.

Charts affected — 3378 — 1249

Chinese Chart 11711 (HH.548/521/03).

3325(T)/02 JAPAN — Seto Naikai — Hiroshima Kō — No 1 Fairway — Buoy; Fairway

- The port-hand pillar light-buoy with topmark Mo(A)G.8s in position $34^{\circ} 19' 13'' \text{N.}, 132^{\circ} 22' 47'' \text{E.}$ has been moved to position $34^{\circ} 18' 99'' \text{N.}, 132^{\circ} 23' 09'' \text{E.}$
- The No 1 Fairway has been moved to new positions centred on the following:
 $34^{\circ} 18' 99'' \text{N.}, 132^{\circ} 23' 09'' \text{E.}$ (start point)
 $34^{\circ} 19' 45'' \text{N.}, 132^{\circ} 24' 08'' \text{E.}$
 $34^{\circ} 19' 91'' \text{N.}, 132^{\circ} 26' 33'' \text{E.}$ (existing fairway)
- The above changes are effective until 30th August 2002.

Charts affected — 3469 — 3602

Japanese Notice 26/911(T)/02 (HH.568/452/04).

3326(T)/02 AUSTRALIA — Victoria — Port Phillip — South Channel — Shoaling

- Shoaling has occurred within circular areas of positions as follows:

	<i>Position</i>	<i>Radius</i>	<i>Least Depth</i>
*	$38^{\circ} 17' 893'' \text{S.}, 144^{\circ} 41' 686'' \text{E.}$	25m	12.4m
*	$38^{\circ} 17' 930'' \text{S.}, 144^{\circ} 41' 808'' \text{E.}$	7m	13.0m
*	$38^{\circ} 17' 987'' \text{S.}, 144^{\circ} 43' 122'' \text{E.}$	5m	13.0m
*	$38^{\circ} 18' 012'' \text{S.}, 144^{\circ} 43' 222'' \text{E.}$	25m	12.8m
*	$38^{\circ} 18' 028'' \text{S.}, 144^{\circ} 43' 282'' \text{E.}$	30m	12.9m
*	$38^{\circ} 18' 033'' \text{S.}, 144^{\circ} 43' 352'' \text{E.}$	5m	13.0m
*	$38^{\circ} 18' 076'' \text{S.}, 144^{\circ} 43' 390'' \text{E.}$	15m	12.8m
*	$38^{\circ} 18' 053'' \text{S.}, 144^{\circ} 43' 411'' \text{E.}$	30m	12.2m
*	$38^{\circ} 18' 069'' \text{S.}, 144^{\circ} 43' 471'' \text{E.}$	5m	13.0m
*	$38^{\circ} 18' 099'' \text{S.}, 144^{\circ} 43' 647'' \text{E.}$	12m	12.9m
*	Indicates new or revised entry.		

- Former Notice 1327(T)/02 is cancelled.

Charts affected — Aus 143 — Aus 144 — Aus 158

Australian Notice 2/97(T)/02 (HH.571/009/02).

3327(T)/02 AUSTRALIA — Queensland — Brisbane River — Fisherman Islands — Harbour works

- The construction of a bund wall and reclamation works have commenced adjacent to the Coal Barge Unloader Wharf.
- The reclamation site commences from position $27^{\circ} 23' 6'' \text{S.}, 153^{\circ} 09' 5'' \text{E.}$ (WGS 84), in a direction 315° for 0.06 miles, thence 036° for 0.045 miles to the shore.
- A silk screen has been deployed around the site which is visible on the surface and is marked at night by four lights, *FL.Y.*
- Mariners are advised to navigate with caution in the area.

Charts affected — Aus 236 — Aus 237

Australian Notice 12/375(T)/02 (HH.571/009/02).

3328(T)/02 AUSTRALIA — Western Australia — North West Cape — Data buoy

- A waverider light-buoy, *Fl(5)Y.20s*, exists in position $19^{\circ} 36' 49'' \text{S.}, 116^{\circ} 07' 28'' \text{E.}$ (WGS84).
- Mariners are not to use the light-buoy as a mooring.

Charts affected — Aus 327 — Aus 741

Australian Notice 12/382(T)/02 (HH.571/009/02).

II

3329(T)/02 AUSTRALIA — Western Australia — Ningaloo Reef — Scientific instruments

- Sub-surface oceanographic moorings exist in positions (WGS 84) as follows:
 - * 21° 50'·93S., 113° 54'·31E.
 - * 21° 52'·10S., 113° 56'·78E.
 - * Indicates new or revised entry.
- Moorings rise to within 50m of the surface.
- Mariners are advised to navigate with caution in the area.
- Former Notice 2155(T)/02 is cancelled.

Chart affected — Aus 329

Australian Notice 12/383(T)/02 (HH.571/009/02).

3330(T)/02 AUSTRALIA — Western Australia — Dongara — Scientific instruments

- Scientific instruments exist in positions (WGS 84) as follows:

Position	Remarks
29° 27'·05S., 114° 51'·92E.	Fl(5)Y.20s
29° 26'·66S., 114° 52'·00E.	Sub-surface
- Mariners are advised to navigate with caution in the area.

Chart affected — Aus 333

Australian Notice 12/384(T)/02 (HH.571/009/02).

3331(T)/02 AUSTRALIA — Western Australia — Jurien Bay to Cape Naturaliste — Scientific instruments

- Waverider light-buoys, Fl(5)Y.20s, exist in positions (WGS84) as follows:

Location	Position	Charts affected
* Jurien Bay	30° 17'·44S., 114° 54'·37E.	Aus 333
* Ledge Point	31° 08'·08S., 115° 18'·87E.	Aus 754
* Cottesloe	31° 58'·67S., 115° 41'·20E.	Aus 112
* Rottnest	32° 06'·85S., 115° 24'·05E.	Aus 754
* Cape Naturaliste	33° 21'·73S., 114° 46'·53E.	Aus 334

 - * Indicates new or revised entry.
- Mariners are not to use the buoys as a mooring.
- The instrument in position 35° 01'·83S., 117° 56'·60E. has been recovered.
- Former Notice 4019(T)/01 is cancelled.

Charts affected — Aus 112 — Aus 754 — Aus 333 — Aus 334

Australian Notice 12/385(T)/02 (HH.571/009/02).

3332(T)/02 AUSTRALIA — Western Australia — Fremantle — Depths

- Available depths as at 27 May 2002:

Berth	Metres
No 1	10.8
No 2	10.9
No 4	12.7
* No 5	12.5
No 6	12.7
* No 7	12.5
* No 8	12.5
* No 9	12.7
No 10	10.7
No 11	10.8
No 12	10.8
A	9.0
B	9.0
C	9.0
* D	11.0
* E	10.7
F	10.9
G	10.9
H	10.7

 - * Indicates new or revised entry.
- Former Notice 4340(T)/00 is cancelled.

Chart affected — Aus 113

Australian Notice 12/386(T)/02 (HH.571/009/02).

II

3333(T)/02 AUSTRALIA — Victoria — Port Phillip — Port Melbourne — Depths

1. Available depths as at 21 May 2002:

<i>Berth</i>	<i>Metres</i>
Station Pier Outer East	10.2
Gellibrand Pier	12.1
No4 East Webb Dock	12.1
No6 Yarraville Wharf	10.2
No2 West Swanson Dock	13.1
B Appleton Dock	10.7
C Appleton Dock	10.7
D Appleton Dock	10.7

2. No3 Webb Dock, No1 East Swanson Dock and No3 West Swanson Dock have been restored to charted depth.
3. Former Notice 2603(T)/02 is cancelled.

Chart affected — Aus 154

Australian Notice 12/388(T)/02 (HH.571/009/02).

II

3334

TEMPORARY AND PRELIMINARY NOTICES

In Force 27 July 2002

(Former Notice 2888/02 is cancelled)

Cancelled Notices					
Area	Notice No.	Area	Notice No.	Area	Notice No.
2	1784/02	3	4099/01	4	1904/02, 2873/02
5	1620/02, 2369/02	6	4641/01	11	4635/00, 1084/02
12	3694/00	14	1941/00, 1522/02, 1621/02	15	2480/02
18	177/98, 4340/00, 4019/01	18	4217/01, 328/02, 1327/02		
18	2036/02, 2155/02, 2495/02	18	2603/02		

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

2318/99–		Dangerous and Non-dangerous wrecks: Depth criteria	
1882/01–	.....	Electronic Navigational Charts: Availability of UKHO produced ENC's;	
	.....	Cautionary guidance on the use and limitations of ENC's and associated	
	.....	ECDIS systems	
537/02–	.....	Global Positioning System (GPS) and Chart Accuracy	–
538/02–	.....	Admiralty Tide Tables Volumes 2 and 3, South Africa: Tidal Predictions	–

2. BRITISH ISLES

2218/98–	1351	.....	England, S. coast to Belgium, Kennack Cove to West Hinder:	1, 7, 9, 16
		.....	Submarine cable	
1065/99–	2484	.....	England, E. coast, River Thames, Hole Haven Creek: Depths	8
3840/99–	2800	.....	Ireland, E. coast, Carlingford Lough, Warrenpoint: Amendments to	3
		.....	approach channel	
4303/99–	2789	.....	Ireland, SW. coast, Dingle Bay, Castlemaine Harbour: Depths	4
4672/99–		.....	British Isles: Transfer of Admiralty Charts to a horizontal datum	
		.....	compatible with World Geodetic System 1984 Datum	
285/00–	2675	.....	Ireland, S. coast to England, W. coast, Kilmore Southwards to	1, 2, 3
		.....	Whitesand Bay; Submarine cable	
2327/00–	266, 1404, 1405, ..	.....	England, E. coast to Denmark, Redcar to Fanø and Esbjerg:	7, 9
	2182B	.....	Submarine cable	
3520/00–	2565, 1178, 1123, ..	.....	England, W. coast, Cornwall, Whitesand Bay Northwestwards, Westwards	1, 2, 6
	2649, 2675, 2	.....	and Southwestwards: Submarine cable	
3784/00–	1200	.....	England, E. coast, The Wash, Approaches to King's Lynn,	7
		.....	Old Lynn Road: Buoyage	
4119/00–	1478, 1468, 1787, ..	.....	Ireland, E. and S. coasts, Dublin Bay to Mizen Head Southwestwards	1, 2, 3, 6
	2049, 2423, 2424, ..	.....	Submarine cable	
	1178, 1411, 1121,	.....		
	1123, 2649, 2	.....		
4731/00–		.....	British Isles, Positions on Admiralty Charts and small craft versions	–
		.....	during the period of transfer to a WGS 84 compatible datum	
428/01–	1978, 1981, 2198, ..	.....	England, W. coast to Ireland, NW. coast, Southport to Tory Island	3, 4, 5, 6
	2199, 2798, 2811, ..	.....	Westwards: Submarine cable	
	1320, 1770, 2093,	.....		
	2094, 1411, 2723,	.....		
	2724, 2725, 1121,	.....		
	1127, 2635, 2	.....		
768/01–	1178, 1123, 2649, 2	.....	England, W. coast to Ireland, S. coast, Saunton Sands to Celtic Sea:	1, 2, 6
		.....	Submarine cable	
877/01–	1152, 2049, 1178, ..	.....	England, W. coast to Celtic Sea, Burnham-on-Sea Northwards, Celtic Deep	1, 2, 3, 6
	1121, 1123, 2649, 2	.....	and Porcupine Sea Bight Eastwards: Submarine cable	
1977/01–	1462, 2162	.....	Scotland, N. coast, Scrabster: RoRo berth; Reclamation; Lifeboat	6
1986/01–	1882, 129, 266, 1191,	.....	England, E. coast to Netherlands, Filey to Eemshaven: Submarine cable	7, 9
	1405, 2182B	.....		
2274/01–	2198, 2199, 1411, ..	.....	Scotland, W. coast to Ireland, NE. coast, North Channel, Loch Ryan	3, 5, 6
	2724, 1121, 2635, 2	.....	Northwards to Larne Eastwards: Submarine power cables	
2436/01–	244, 213, 272, 274, ..	.....	Scotland, E. coast, Bay of Cruden Eastwards, Northeastwards and	6, 7
	278, 1409, 2182B, ..	.....	Southeastwards to North Sea, Norwegian Sector, Ula Oil Field:	
	2182C	.....	Submarine cable	
2437/01–	2381, 2382, 2131	.....	Scotland, W. coast, Firth of Clyde, Loch Fyne, Otter Spit: Less water	3
2855/01–	2378, 2379	.....	Scotland, W. coast, Loch Linne, Lismore, Lynn of Lorn: Artificial reef	5
3243/01–	1152, 1164, 1165, ..	.....	England, W. coast to Celtic Sea, Burnham-on-Sea Westwards to	1, 2, 3,
	1179, 1178, 1121, ..	.....	Celtic Sea Southwards: Submarine cable	6, 16
	1123, 2649, 1104, 2	.....		

II

2. BRITISH ISLES – continued

3335/01–	1164, 1179, 1178, ..	England, W. coast to Celtic Sea, Barnstaple Bay to Celtic Sea Southwards	1, 2, 6,
	20, 1123, 2649, ..	Submarine cable	16
	1104, 2		
3730/01–	1552	England, W. coast, Morecombe Bay, Approaches to Heysham: Depths	3
5040/01–	44	Ireland, E. coast, Annalong Harbour: Temporary closure of harbour	3
138/02–	442, 2668	English Channel, Off Casquets TSS Westwards and Southwestwards: Depths	1, 16
1614/02–	3497, 109	England, E. coast, River Humber, Hull Middle to Barton Ness Sand:	7
		Depths; Drying heights	
1615/02–	111, 156, 160, 1407, ...	England, E. coast, Holy Island to the Farne Islands and Inner Approaches:	6, 7
	2182B	Depths; Drying heights	
1616/02–	111, 160, 1407, ...	England, E. coast, Berwick-on-Tweed and Inner Approaches: Depths;	6, 7
	2182B	Drying heights	
1617/02–	160, 1407, 2182B ..	England, E. coast, Eyemouth and Inner Approaches: Depths	6, 7
1618/02–	156, 160, 1407, ...	England, E. coast, St Abbs Head to the Farne Islands: Depths	6, 7
	2182B		
1619/02–	1547, 1819	Ireland, W. coast, River Shannon, The Estuary to Kilrush: Anchorage areas; ...	4
		Pilot boarding places	
1713/02–	.....	British Isles, Channel and North Sea: Major offshore yacht races May–	
		Sept 2002	–
1903/02–	1447, 1415	Ireland, E. coast, Dublin Bay: Approach Channel; Buoyage;	3
		Submarine pipeline	
2030/02–	2568, 35	Scotland, N. coast, Orkney Islands, Hoy Sound and approaches: Depths	6
2031/02–	1344, 44, 1346, 1468, ...	Ireland, E. coast to Scotland, W. coast, Gormanston to Ross Bay:	3
	2093, 2094, 1411, ..	Submarine pipelines; Obstruction	
	1121		
2366/02–	1156, 1178, 1123, ..	W. coast to Celtic Sea, Bude Westwards: Submarine cable	1, 2, 6
	2649, 2		
2367/02–	.....	England, S. coast, Spain, N. coast, France, W. coast and	–
		Mediterranean Sea: Sail Training Races, July–August 2002	
2476/02–	1536, 1543	England, E. coast, Cockle Shoal to Lowestoft: Depths; Drying heights	7
2597/02–	.....	British Isles: Oceanographic buoys and moorings established temporarily	–
3119/02–	2566	England, E. coast, Approaches to Tees Bay and Hartlepool Bay:	7
		Aids to navigation	
3209/02–	1606, 1607, 1975 ..	England, E. coast, Thames Estuary, Long Sand and North Edinburgh Channel: ..	7, 8
		Channel; Buoyage	
3210/02–	1975	England, E. coast, Thames Estuary, Long Sand Head to Long Sand: Depths, ...	7
		Drying heights	
3315/02–	2096, 1984, 3339, ..	Ireland, W. coast, Approaches to Galway Bay, Aran Islands Northwards	4
	3338, 2173, 2420 ..	and Eastwards, North Sound and Cashla Bay: Depths	

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

1665/96–	4101	Norway, W. coast, Halten Bank Northwestwards: Restricted area	13, 15
3529/99–	2308, 4101	Norway, W. coast, Asgard Oil Field: Restricted area	13, 14,
			15
4033/99–	4101	Norway, W. coast, Asgard Oil Field: Obstruction; Anchors; Chains;	13
		Moored storage tanker	
2946/00–	2295	Norway, W. coast, Trondheim Havn, Fernjehavn: Breakwater; Lights	13
3521/00–	2967	Russia, N. coast, Barents Sea, Proliv Karskiye Vorota: Depths	14
295/01–	3882	Norway, W. coast, Bodø Indre Havn: Harbour developments; Light.	14
970/01–	3759	Norway, W. coast, Vågsfjorden, Astafjorden, Tjeldsundet and	14
		Sandtorgstraumen: Depths; Lights; Buoyage	
983/01–	3503, 3505	Norway, W. coast, Approaches to Namsos: Depths; Lights	14
1884/01–	3008	Norway, W. coast, Bergen Havn: Harbour developments	13
2438/01–	3524, 3529	Norway, W. coast, Approaches to Mosjøen: Depths	14
3908/01–	3182, 2962	Russia, N. coast, Kara Sea, Novaya Zemlya to Isáchenko Island: Depths	14
4098/01–	3181, 3182	Russia, N. coast, Kara Sea, Novaya Zemlya to Ostrov Belyy: Depths	14
4758/01–	3152	Norway, SE. Coast, Arendal Havn: Reclamation; Marina developments	12
		Ferry routes; Jetties	
139/02–	2269, 3180	Russia, N. coast, Barents Sea, Norton's Ground Westwards:	14
		Navigation dangerous	
219/02–	3037, ...	Norway, W. coast, Frøysjøen, Frøya to Florø: Submarine cable	13
400/02–	2280, 2273	Russia, N. coast, Arkhangel'sk: Lights; Depths; Anchorages areas;	14
		Coast radar station	
401/02–	3506, 2308	Norway, W. coast, Leka Northwards and Westwards, Gimsefjorden, ...	14
		Bindalsflesa Northwards and Hotafjorden: Depths	
2145/02–	2966	Russia, N.coast, Kol'skiy Zaliv: Jetties; Breakwaters; Recommended	14
		anchorages; Mooring buoys; Wrecks	
2245/02	2327, 2366	Norway, W. coast, Vesterålen and Andefjorden: Lights; Depth	14
2997/02–	1327	Norway, S. coast, Approaches to Langesundbukta, Jomfruland Eastwards to ...	12
		Rakkeåane Southwards and Langangsfjorden: Depths; Harbour limit	

4. BALTIC SEA

4403/98–	2338	Gulf of Bothnia, Sweden, E. coast, Approaches to Gävle, Fredriksskans:	11
		Works; Lights; Buoyage; Depths	

II

4. BALTIC SEA – continued

2933/99–	53	Gulf of Bothnia, Sweden, E. coast, Approaches to Luleå, Germandofjorden: ...	11
		Buoy	
3864/00–	903, 2595	Sweden, W. coast, The Sound, Flintrännan: Depths	10
4207/00–	3127	Sweden, E. coast, Stockholms Skärgård, Gräskö northwards to Norra	10
		Ljusterö westwards and Kudoxafjärden: Submarines cables	
431/01–	944	Denmark, Gulborg Sund: Depths; Obstruction	10
1205/01–	1083, 3441, 3438	Gulf of Finland, Finland, S. coast: Restricted areas	10, 11
1418/01–	3438	Finland, SW. coast, Approaches to Uusikaupunki (Nystad): Channels;	11
		Buoyage; Maximum authorised draughts; Lights	
1980/01–	2248	Gulf of Finland, Finland, S. coast, Jussarö to Hästen: Depths	10, 11
2567/01–	3441, 2297	Gulf of Finland, Finland, Hanko to Utö: Submarine cable	10, 11
2568/01–	3441, 2297	Gulf of Finland, Finland, Hanko to Utö: Submarine cable	10, 11
2662/01–	3441, 2297	Sweden and Finland, Entrance to the Gulf of Bothnia and Gulf of Finland,	10, 11
		Vö to Utö: Submarine cables	
2663/01–	2276	Lithuania, Klaipeda: Buoyage	10
2856/01–	3062	Gulf of Bothnia, Finland, W. coast, Oulu: Authorised draughts; Quay	11
		Recommended tracks; Lights; Dredged area; Buoyage	
3337/01–	938	Storebælt, Denmark, E. coast, Fyn, Nyborg Avernakke Pier,	10
		No 15 berth: Depth	
5042/01–	57	Sweden, E. coast, Skelleftehamn, Skellefte Oil Harbour: Depth;	11
		Maximum authorised draught	
321/02–	2595, 2115	Sweden, West Coast, The Sound, Falsterbo-kanalen: Works	10
322/02–	3415	Finland, Gulf of Bothnia, Mäntyluoto: Channel area; Buoyage	11
750/02–	879, 853, 3191, 3143,	Sweden: Unexploded ordnance	9, 10, 12
	2251, 2360, 2361,		
	2362, 1402		
2748/02–	3415	Gulf of Bothnia, Finland, W. coast, Northern Approaches to Rauma:	11
		Recommended track; Lights; Buoyage; Swept areas	
2749/02–	1083, 2248	Gulf of Finland, Finland, S. coast, Helsinki to Kotka: Submarine cable	11
2998/02–	3415	Gulf of Bothnia, Finland, W. coast, Approaches to Rauma, Rihniemi	11
		Westwards: Recommended track; Maximum authorised draught; Buoyage	
3120/02–	2395	Russia, Northern Approaches to Sankt Petersburg: Channels;	11
		Aids to navigation; Fairways	
3211/02–	2365, 2117, 2677	Germany, N. Coast: Measuring instruments; Buoyage	10
3316/02–	53	Gulf of Bothnia, Sweden, E. coast, Piteå, Pitsundet, Yttrefjärden and	11
		Stadsrännan: Depths; Obstructions	

5. NORTH SEA, NORTH & WEST COASTS OF DENMARK, GERMANY, NETHERLANDS & BELGIUM

1733/96–	2672	North Sea, Norwegian Sector, Eigersundbank Westwards: Restricted area	13
2378/96–	272, 1404	North Sea, Norwegian Sector, Ekofisk Oil Field: Buoyage; Anchoring and	7, 9
		Fishing Prohibited areas	
2398/98–	2182B	Germany, North Sea Coast to The Netherlands, Sylt to Castricum:	7, 9
		Submarine cable	
4003/98–	3510	Germany, Die Ems, Ditzum Eastwards: Flood barrage	9
4005/98–	139, 120, 1874	Netherlands, Westerschelde: Deepening	9
4314/98–	3019, 274, 291, 292,	North Sea, Norwegian Sector to Norway, W. coast, Draupner and Sleipner	6, 13
	2281, 2672	to Karmøy, Sira Sound: Submarine cable	
711/99–	295, 299	North Sea, Norwegian Sector, Staffjord Oil Field: Underwater structures	6, 13
3025/99–	288, 2673, 2182C,	North Sea, Norwegian Sector, Troll Gas Field: Restricted areas	6, 7, 13
	2182D, 4140		
3026/99–	288, 2673, 2182C,	North Sea, Norwegian Sector, Troll Gas Field: Wellheads; Restricted areas	6, 13
	2182D		
3027/99–	288, 2673, 2182C,	North Sea, Norwegian Sector, Troll Gas Field: Restricted areas	6, 13
	2182D		
3373/99–	295, 299, 2673,	North Sea, Norwegian Sector, Snorre Oil Field; Field development	6, 7, 13
	2182D, 2, 4140		
820/00–	1351, 2147, 323,	Netherlands to France, N. coast, Katwijk aan Zee to St-Valéry-en-Caux	1, 7, 9,
	1892, 1610, 2451,	Submarine cable	16
	2675,		
1395/00–	3768, 1404, 2182B	Denmark, W. coast and Germany, North Sea coast, Hvinde Sunde	7, 9
		southwards to Nordeney: Submarine cable	
3354/00–	1507, 2182B	Germany, North Sea Coast to Netherlands, Nordeney to Katwijk:	7, 9
		Submarine cable	
4035/00–		North Sea, Netherlands, Germany and Denmark: Transfer of Admiralty	–
		Charts to World Geodetic System 1984 Datum	
4122/00–	273, 278, 2182B	North Sea, U.K. Sector, Banff Oil Field: Restricted area;	7
		Oil field development area	
4330/00–	272, 2182B, 2, 4140	North Sea, U.K. Sector, Judy Oil Field Northwards: Obstructions;	6, 7
		Submarine pipeline	
767/01–	2672, 1404, 1405,	North Sea, Norwegian Sector, to England, E. coast, Draupner Platform to	6, 7, 9,
	2182B, 2182C	Lowestoft: Submarine cable	13
971/01–	1405, 2182B	North Sea, German Sector, Weiss Bank Southwestwards: Obstruction	7, 9
1518/01–	78, 291, 2182B,	North Sea, U.K. Sector, Britannia Gas Field Southeastwards:	6, 7
	2182C	Moored storage tanker; Submarine pipeline; Restricted areas	

II

5. NORTH SEA, NORTH & WEST COASTS OF DENMARK, GERMANY, NETHERLANDS & BELGIUM— continued

1626/01—	294, 295, 2673, ...	North Sea, U.K. Sector, Alwyn North Oil Field Southwards, ...	6, 7, 13
	2182C, 2182D, 2, . .	Bressay East Ground: Wellheads; Manifolds; Submarine pipelines	
	4140		
2167/01—	274, 278, 291, 2182B, ...	North Sea, U.K. Sector, Maureen and Moira Oilfields: Platform;	6, 7
	2182C, 2, 4140	Single Point Mooring; Well; Restricted areas	
4551/01—	272, 274, 275, 291, . .	Denmark, W. coast to Scotland, N. coast, Hinde Sande Southwards to	6, 7, 9,
	292, 1119, 1234, . . .	Orkney Islands and Shetland Islands Westwards: Submarine cables	13
	1942, 2672, 1404, ...		
	219, 1129, 2182B, ...		
	2182C		
5041/01—	274, 2182C	North Sea, Norwegian Sector, Sleipner Gas Field Southeastwards:	6,7
		Template; Restricted area; Offshore activities	
1314/02—	2322	Netherlands, Noordwijk aan Zee Northwestwards; Measuring instruments;	9
		Buoyage	
1521/02—	274, 278, 2182B, . .	North Sea, U.K. Sector, Marnock Oilfield Eastwards and Southwestwards:	6, 7
	2182C	Obstructions; Offshore activities	
1787/02—	292, 2182C	North Sea, Norwegian Sector, Balder Oilfield Northeastwards:	6
		Ringhorne Field development	
2368/02—	295, 2673, 2182C, . .	North Sea, U.K. Sector, Magnus Oil Field Northeastwards and	6, 13
	2182D	Southeastwards: Manifolds; Wells; Submarine pipeline	
2750/02—	121, 1190, 1191, . . .	North Sea, U.K. Sector, Cleeton Gas Field Northwestwards	7, 9
	2182A, 2182B	and Southwestwards: Platform; Wellheads; Manifolds; Submarine pipelines	
2751/02—	1874	Netherlands, Approaches to Westerschelde, Oostgat, Nollegeul and	9
		Sardijngeul: Buoyage	
2752/02—	2990, 2146	France, N. coast, Le Havre Southwards: Works; Controlled zone	16
2753/02—	3669, 2644, 2668, . .	France, N. coast to Celtic Sea, Baie de Lannion Westwards:	1, 6, 16
	2655, 2649, 2675, . .	Submarine cable	
	1104, 2		
3121/02—	1875, 3767, 3768 . . .	Germany, North Sea Coast: Measuring Instruments; Buoyage	9

6. FRANCE & SPAIN, NORTH & WEST COASTS, & PORTUGAL

450/00—	2675	France, N. coast to England, S. coast, St-Valery-en-Caux to Pentewan:	1, 16
		Submarine cable	
3445/00—	2644, 2668, 2669, . .	France, N. coast to England, S. coast, Les Rosaires to Porthcurno:	1, 2, 16
	1178, 2656, 1123, . .	Submarine cable	
	2649, 2675		
4123/00—	3670, 2644, 2668, . .	France, N. coast to Bay of Biscay, Le Palus to La Chapelle	1, 16
	2669, 2643, 20, ...	Bank Southwestwards: Submarine cable	
	2649, 2675, 1104		
215/01—	3254	Portugal, W. coast, Approaches to Porto de Leixões & Rio Douro: Depths	18
566/01—	90	Spain, SW. coast, Cadiz Southwestwards: Fish havens	18
3539/01—	3635	Portugal, W. coast, Costa de Caparica Southeastwards: Submarine cable	18
5043/01—	1133	Spain, N. coast, Ría de Avilés: Dredged areas	18
752/02—	2985, 2989, 2986 . . .	France, W. coast, Entrance to La Loire: Secondary Channel; Buoyage	17
753/02—	1170	Spain, N. coast, Puerto de Bilbao and Approaches: Restricted areas;	17
		Fairways; Safety area; Manoeuvring areas; Anchorage area; Works	
1200/02—	86	Spain, SW. coast, Bahía de Cádiz: Depths; Marina; Dredged depths;	18
		Buoyed channel; Mooring buoys; Slips	
1421/02—	3634	Portugal, W. Coast, Apúlia Southwestwards: Platform; Submarine cable;	18
		Buoyage	
2148/02—	3670, 2668, 2644, . .	France, N. coast and W. coast, Baie de Saint-Brieuc to Bay of Biscay:	1, 16
	2643, 2649, 2655, . .	Submarine cable	
	2675, 20, 1104		
2149/02—	1768	Spain, W. coast, Ría de Arosa: Depths; Marine farms; Rock	18
2598/02—	3254	Portugal, W. coast, Viana do Castelo: Maintained channels;	
		Lights; Depths; Marina; Buoyage; RoRo terminal	18
2999/02—	1756, 3764, 3633 . . .	Spain, W. coast, Approaches to Muros — Bajo de los Meixidos, ...	18
		Canal de los Meixidos and Ria de Muros: Depths	
3212/02—	1117	Spain, NW. coast, El Ferrol, Punta Promontorio: Reclamation	18
3317/02—	3276	Portugal, W. coast, Sines: Restricted areas, Reclamation	18

7. NORTH ATLANTIC OCEAN

464/94—	369	Arquipélago de Cabo Verde: Source data	20
3448/00—	1857	Islas Canarias, Tenerife, Santa Cruz de Tenerife, Dársena Este:	20
		Works; Buoy	
3523/00—	1856	Islas Canarias, Gran Canaria, Puerto de La Luz: Works; Buoy	20
4736/00—	4012	Mid-Atlantic Ridge: Data buoys	19
1519/01—	1689	Arquipélago da Madeira, Ilha de Porto Santo, Porto do Porto Santo	20
		Southwards: Mooring buoys	
3732/01—	1856	Islas Canarias, Gran Canaria, Puerto de la Luz, Puerto Exterior:	20
		Buoyage; Works	
4101/01—	1870	Islas Canarias, Fuerteventura, Puerto del Rosario: Buoy; Works	20
4844/01—	1689, 1831	Arquipélago da Madeira, Ilha da Madeira, Praia Formosa, Ponta da Cruz	20
		Southwards: Data buoy	
1422/02—	1857	Islas Canarias, Tenerife, Santa Cruz de Tenerife, Dársena Pesquera:	20
		Light-beacon; Buoyage	

II

7. NORTH ATLANTIC OCEAN – continued

2246/02	1689	Arquipélago da Madeira, Ilha da Madeira, Báia do Funchal, ...	20
		Porto do Funchal: Anchorage area; Restricted area; Dolphins; RoRo	
2754/02–	1856	Islas Canarias, Gran Canaria, Puerto de la Luz, Reclamation; Depths;	20
		Anchorage	
3000/02–	886	Islas Canarias, Isla de Lanzarote, Puerto de los Marmoles and Puerto	20
		de Naos: Jetty; Reclamation area; Quays; Slipways; Depths	

8. MEDITERRANEAN & BLACK SEAS

3266/98–	1710, 1910	Mediterranean Sea, Algeria: Navigation restrictions	24, 312
1397/99–	1272	Black Sea, Turkey, Giresun: Harbour closure	31
4034/99–	1440, 220, 204	Mediterranean Sea, Adriatic Sea, Central and Southern part:	27
		Ordnance clearance	
1618/00–	1588	Mediterranean Sea, Spain, S. coast, Almería: Works; Light	25
3866/00–	186	Adriatic Sea, Central Part: Restricted areas	27
4331/00–	1424, 1425, 1213, . .	Mediterranean Sea, Corse, Bonifacio Strait: Nature reserve;	25
	1992, 1985	Restricted areas	
4332/00–	1211	Mediterranean Sea, Italy, Sardegna, NE. coast, Capo Ferro Northwards	25
		to Golfo di Congianus: Marine nature reserve; Restricted areas	
1100/01–	1990	Mediterranean Sea, Italy, Sardegna, S. & W. coasts, Golfo di Cagliari	25
		and Golfi di Oristano: Marine nature reserves; Regulated area; Routeing;	
		Anchorage areas; Pilot boarding places	
1206/01–	1585, 1591, 2634	Mediterranean Sea, Israel: Buoyage	30
2857/01–	2578, 2573, 183	Mediterranean Sea, Egypt, Approaches to Bûr Sa'id: Platforms;	24
		Submarine pipelines	
3419/01–	1712	Mediterranean Sea, Algeria, Port de Jijel, Depths; Port developments	24
3733/01–	1701	Mediterranean Sea, Spain, E. coast, Golfo de San Jorge, ...	
		Cabo Tortosa Northwards: Artificial reefs	25
3734/01–	195, 2623	Mediterranean Sea, Maltese Islands: Restricted areas	24
4015/01–	2578, 2573, 2574, . .	Mediterranean Sea, Egypt, Approaches to Minâ' Dûmyât and Bûr Sa'id:	24
	183	Traffic Separation schemes; Precautionary areas	
4102/01–	45, 144, 1448	Gibraltar Harbour: Depths	18
4433/01–	2399	Black Sea, Bulgaria, Burgas: Restricted areas; Buoyage	14
4759/01–	1444	Adriatic Sea, Italy, E. coast, Ancona: Port developments	27
4760/01–	3311, 2233, 2237, . .	Black Sea, Russia and Turkey, Novorossiysk Southeastwards and Samsun	31
	2214	Eastwards: Submarine pipeline	
4956/01–	907, 1911, 1999	Mediterranean Sea, Italy, W. coast, Civitavecchia: Traffic separation	25, 26
		scheme; Precautionary area; Inshore traffic zone; Anchorage areas;	
		Port developments	
5044/01–	351	Mediterranean Sea, Italy, W. coast, Gulf of Genoa, Golfo Tigullio:	26
		Outfalls; Restricted areas; Submarine pipelines	
632/02–	2243	Black Sea, Ukraine, Odesa: Dredged channels; Port developments	31
754/02–	1563, 2633, 2634	Mediterranean Sea, Lebanon, Beyrouth: Port developments	30
2755/02–	1707	Mediterranean Sea, Greece, Nîsos Kríti, Réthymno and Iráklio: Depths	28
		Port developments	
3122/02–	1194, 1189	Mediterranean Sea, Spain, SE. coast, Catagena: Harbour developments	25
3213/02–	1202, 1204	Mediterranean Sea, Italy, Sardegna, Porto Torres and Approaches:	25
		Waiting areas; Restricted areas; Submarine pipeline	

9. AFRICA, WEST COAST & SOUTH ATLANTIC

467/94–	627, 634, 638, 1197, 1216	Angola: Source data	34
4335/97–	2812, 3118	Africa, W. coast, Nigeria, Lagos to Bonny River: Submarine cable	34
821/00–	629, 3859	Africa, W. coast, Namibia, Walvis Bay: Buoy; Current meters	34
1060/00–	1862, 3118	Africa, W. coast, Nigeria, Benin River Northwards: Moored storage tanker	34
3691/00–	4203, 4209	South Atlantic Ocean and Africa, W. coast, Ascension Island	34, 35
		Eastsoutheastwards and Guinea Basin: Data buoys	
3692/00–	1860, 1357	Africa, W. coast, Cameroon, Cap Bakasi Southwards, Rio del Rey: Buoyage	34
3791/00–	1980, 3648, 2478, . .	Africa, W. coast, Liberia: Embargo	20, 34
	1362, 1363, 1364, 1365, 1147, 3139		
4525/00–	856, 3132	Africa, W. coast, Morocco, Rabat to Mohammedia: Restricted area	18, 20
4526/00–	3859, 1806	Africa, W. coast, Namibia, Cape Cross Southwestwards: Current meters	34
4826/00–	604, 4203, 4209	Africa, W. coast, Zaire, River Congo Westnorthwestwards:	34, 35
		Current meters; Buoy	
297/01–	1380	Africa, W. coast, Bénin, Port de Cotonou: Port developments;	34
		Dredged depth	
770/01–	4136	Africa, SW. coast, South Africa, Port Nolloth: Depths	34
771/01–	4136	Africa, SW. coast, South Africa, Lambert's Bay: Depths	34
974/01–	856	Africa W. coast, Morocco, Skhirat–Plage: Restricted area	20
2966/01–	1380	Africa, W. coast, Ghana, Port of Tema: Port developments; Depths;	34
		Buoyage	
4761/01–	3433, 3434	Africa, W. coast, Nigeria, Approaches to Calabar: Buoyage	34
4763/01–	4151, 4146	Africa, SW. coast, South Africa, Saint Helena Bay: Buoy	35
1083/02–	604, 4209	Africa, W. coast, Angola, Luanda Northwestwards: Oilfield development	34
2032/02–	614, 625, 623, 686	Africa, W. coast, Sierra Leone, Sierra Leone River and approaches: Depths	20

II

9. AFRICA, WEST COAST & SOUTH ATLANTIC – continued

2033/02–	4148, 4150, 4146, . .	Africa, SW. coast, South Africa, Melkbos Strand: Submarine cable	35
	4151, 578		
2874/02–	856	Africa, W. coast, Morocco, Casablanca Southwestwards to	20
		Mohammedia Northeastwards: Restricted area	
2875/02–	629, 3859	Africa, SW. coast, Namibia, Approaches to Walvis Bay and	34
		Walvis Bay Harbour: Spoil ground; Fog signal; Dredged areas; Depths;	
		Radio mast; Wrecks	

10. AFRICA, SOUTH & EAST COASTS, & MADAGASCAR

877/94–	642, 1003	Mozambique, Approaches to Porto da Beira: Dredged channel; Buoyage	36
3639/95–	2938	Mozambique, Porto Amélia (Baia de Pemba): Depths	36
823/00–	643, 577, 3797	Africa, E. coast, South Africa, Approaches to Durban; Current meters;	35
		Restricted area	
3155/00–	578, 2095	Africa, S. coast, South Africa, Agulhas Bank Eastwards: Buoy;	35
		Current meters	
4527/00–	671, 2952	Africa, E. coast, Somalia, Muqdisho (Mogadishu): Port closure;	36
		Pilot boarding place	
2667/01–	2088, 3300	Africa, SE. coast, South Africa, Mtunzini Southsoutheastwards:	35
		Submarine cable	
220/02–	629	Africa, SW. coast, Namibia, Walvis Bay: Wave meters; Buoyage	34
1907/02–	4154, 3797, 2078, . .	Africa, W. and S. coasts, Namibia and South Africa, Orange River	34, 35
	2087, 3869, 3870, . .	to Durban: Offshore underwater obstructions	
	4141, 4151, 4152,		
	4153, 4155, 4156,		
	578		
2150/02–	643, 577, 3795, ...	Africa, SE. coast, South Africa, Durban: Vessel traffic service	35
	3797, 2087, 2088		
2370/02–	642, 1003, 1811, . . .	Africa, E. coast, Mozambique: Source data	36
	2930, 2938, 4172		

11. RED SEA, ARABIA, IRAQ & IRAN

3014/93–	3842, 1235, 1265 . .	Iraq, Shatt al Arab, Outer Bar Reach: Depths and Navigation Aids	40
3982/97–	3411	Arabia, United Arab Emirates, Dubai Dry Dock: Depths	40
2742/99–	3521, 2837, 2851 . .	Arabia, Gulf of Oman, United Arab Emirates, Fujairah Eastsoutheastwards:	
		Submarine cable	40
4137/99–	3786, 3787, 3950 . .	Arabia, Qatar, Doha: Reclamation; Hydrography; Offshore island; Causeway . .	40
2130/00–	3043, 2375	Red Sea, Egypt, Safāga: Leading line; Lights; Buoyage; Light–beacons	32
3355/00–	3790, 2886	Arabia, Bahrain Southwards, Dawḥat Salwā: Depths; Aids to navigation	40
3356/00–	3796, 3792, 3798, . .	Arabia, Bahrain, Mīnā Salmān and Approaches: Reclamation;	40
	3790, 2886	Port developments; Depths; Aids to navigation; Wrecks; Obstructions;	
		Submarine power cables; Restricted areas	
4038/00–	171	Red Sea, Eritrea, Dahlak Bank, South Mits’iwa Channel: Depths	32
1207/01–	3410, 3412, 3175, . .	United Arab Emirates, Shārah (Ash Shāriqah): Dredging; Depths	40
	3176		
2571/01–	2373	Red Sea, Egypt, Gulf of Suez, North Ain Sukhna (Sokhna Port) Northwards: . .	32
		Gas tanker terminal	
2572/01–	2375, 12	Red Sea, Egypt, Sharm el Sheikh: Port developments	32
3244/01–	3412, 3739, 3176, . .	Arabia, United Arab Emirates, Mīnā’ Jabal ‘Ālī Northeastwards:	40
	2887, 2889	Reclamation; Restricted area; Beacons	
3630/01–	168, 171	Red Sea, Eritrea, Approaches to Massawa (Mits’iwa), Gubbet Mus Nefit	32
		and Melita Bay: Depths	
4103/01–	2837	Arabia, Iran Abū Mūsā: Light–float	40
		Mooring buoys	
2371/02–	3775	Arabia, Saudi Arabia, Ra’s Abū ‘Ālī to Ra’s as Saffānīyah: Wellheads;	40
		Depths; Posts; Obstructions	
2478/02–	3774	Arabia, Saudi Arabia, Ra’s Al Khafī Terminal: Positions	40
2599/02–	3739	Arabia, United Arab Emirates, Mīnā’ Jabal ‘Ālī: Depths	40
2756/02–	3739, 3176, 2887, . .	Arabia, United Arab Emirates, Mīnā’ Jabal ‘Ālī Northeastwards:	40
	2889	Radar reflector	
2757/02–	1214	Arabia, Kuwait, Khalīj al Kuwayt: Port developments; Depths	40
		Restricted area; Light–beacons; Wrecks; Obstructions	

12. INDIAN OCEAN, PAKISTAN, INDIA, SRI LANKA, BANGLADESH & BURMA

1975/98–	492	India, W. coast, Mormugao: Depths	41
1943/99–	3460	India, W. coast, Porbandar: Breakwater; Boulders	41
4310/99–	1495, 1497	Indian Ocean, La Réunion, Baie de Saint–Paul; Marine farm; Buoyage	38
359/00–	492	India, W. coast, Mormugao: Dredged areas; Depths; Turning circle;	41
		Buoyage	
946/00–	859	Bangladesh, Approaches to Pussur River, Zalfiquar Channel: Buoyage, ...	43
		Depths	
1292/00–	1495	La Reunion, N. coast, Cap Bernard: Buoy	38
2331/00–	672, 43	India, W. coast, Gulf of Kachchh, Sikka Creek: Lighterage area;	41
		Transshipment area; Anchorage area	
3158/00–	711	Mauritius: Fish aggregating devices	38
298/01–	3464, 1509	India, W. coast, Binge Bay: Dredging; Depths	41

II

12. INDIAN OCEAN, PAKISTAN, INDIA, SRI LANKA, BANGLADESH & BURMA – continued

568/01–	40	Pakistan, Karachi Harbour, Upper Harbour and Bunker Island: Wrecks	41
1209/01–	1487, 2736	India, W. coast, Southwestern Approaches to Bombay: Obstructions	41
1210/01–	3700, 813, 1587	Sri Lanka, W. coast, Southern Approaches to Colombo, Panadura:	42
		Restricted areas	
3420/01–	3	Indian Ocean, British Indian Ocean Territory, Chagos Archipelago, Depths	38
3910/01–	722	Indian Ocean, Seychelles, Mahé, Victoria and approaches: Dredging; Works	36
4016/01–	724	Indian Ocean, Seychelles, Praslin Island and La Digue, Baie Ste. Anne	36
		and La Passe: Works; Breakwater	
4017/01–	672	India, W. coast, Gulf of Kachchh, Sikka Creek: Lights; Leading lines;	41
		Beacons; Wreck; Depths	
4104/01–	2756, 2757	Comores, Ile Pamanzi, Baie de Pamanzi, Tanker Mooring buoy	36
4325/01–	492	India, W. Coast, Mormugao and Approaches: Buoyage; Turning circle	41
		Dredged area; Pilot boarding place	
4845/01–	492	India, W. Coast, Mormugao: Obstructions	41
221/02–	713, 711	Mauritius, Port Louis: Lights	38
1315/02–	65	India, W. coast, Port of Cochin: Dredged depths; Buoyage; Depths; Jetties	41
1423/02–	574, 2063, 2069,	India, E. coast, Madras Southwards, Mandavelipakkam Southeastwards:	42, 43
	827, 828	Submarine cable	
2152/02–	1495, 1497	Indian Ocean, Approaches to La Réunion: Fish aggregating devices	38
2876/02–	239	India, E. coast, Vishakhapatnam Harbour: Depths; Mooring buoys;	43
		Dredged areas; Drying height; Wreck; Restricted area; Anchorage areas;	
		Pilot boarding place; Coastline; Reclamation	
3318/02–	3581, 1586	India, S.E coast, Gulf of Mannar, Tuticorin: Depths; Lights; Buoyage	42
3319/02–	2058, 2060, 2061,	India, E. coast, The Pilots Ridge to Nizampatnam Bay: Depths	43
	2062, 2063, 829		

13. MALACCA STRAIT, SINGAPORE STRAIT & SUMATERA

1765/00–	3949, 3482	Singapore Strait and South China Sea, Singapore Strait to Peninsular	45, 46,
		Malaysia, E. coast, Selat Durian, Selat Pendelap and P. Tinggi Eastwards:	47
		Submarine cable	
1101/01–	770, 3543, 2414, 3482	Peninsular Malaysia, E. coast, and South China Sea, Kuantan New Port	47
		Northwards to Vanguard Bank Westwards: Submarine cable	
1211/01–	2556, 2569, 2585,	Singapore Strait to South China Sea, South Changi to Vanguard Bank	45, 46,
	3831, 3833, 3949,	Southwards: Submarine cable	47
	1371, 2403, 1311,		
	3543, 1312, 2414,		
	3482		
4105/01–	2403	Singapore Strait, Singapore, Taus View, Sultan Fairway: Fairway;	45
		Reclamation; New Channel; Anchorage areas	
4552/01–	2586, 4030, 4031,	Singapore Strait, Singapore, Jurong Island, Pulau Busing, Pulau Bukom,	45
	4032, 4033, 4034,	Pulau Sebarok and Sembawang: Restricted areas	
	4035, 2570		
4957/01–	2598, 2570, 3833,	Singapore Strait, Western Approaches: Submarine cable	45
	2403		
1202/02–	4033, 2570, 2587,	Malacca Strait and Singapore Strait, Peninsular Malaysia Westwards to	45, 46
	3833, 3940, 2403,	Singapore: Submarine cable	
	3919, 3920, 3921,		
	3945, 3946, 3947,		
	1353, 1358, 2777,		
	1312, 830		
1425/02–	2569, 2585, 2586	Singapore Strait, Singapore, Pulau Tekong: Works; Buoyage	45
1908/02–	2570, 2598, 3833,	Singapore Strait, Singapore, Tuas View Southwestwards and Pulau Pawai	45
	5502	Southwestwards: Anchorage areas	
1909/02–	2569, 2585, 3831,	Singapore Strait, Singapore, Changi, Angler Bank Eastwards:	45
	5502	Anchorage area	
2372/02–	2403, 2556, 2569,	Singapore Strait: Accuracy of charted depths	45, 47
	2570, 2598, 3831,		
	3833, 3937, 5502		

14. CHINA SEA WITH ITS WEST SHORE & CHINA

157/96–	1016	China Sea, Vietnam, Song Sai Gon, Vung Tau: Buoyage	47
2122/97–	3724	China Sea, Gulf of Thailand, Ao Rayong, Map Ta Phut: Port developments	47
2517/99–	2619	China Sea, T'ai-wan, N. coast, Approaches to Chi-ling: Depths	50
2518/99–	2619	China Sea, T'ai-wan, N. coast, Shen-Ao: Port developments	50
3648/99–	3988	China Sea, Vietnam, E. coast, Qui-Nhon: Harbour developments	47
4035/99–	3875	China Sea, Gulf of Tonking, Vietnam, Approaches to Haiphong: Wrecks	47
4494/99–	3279	China, SE. coast, Hong Kong, Fat Chau Tou, Tathong Channel: Works	47
452/00–	3280	China, SE. coast, Hong Kong, Western Dangerous Goods Anchorage:	47
		Outfall	
827/00–	1555	China, SE. coast, Approaches to Zhujiang Kou, Gaolan Liedao Eastwards:	47
		Wreck	
1169/00–	3231, 3658	T'ai-wan, W. coast, Kuo Kang Oilfield: Oil field abandonment	50
1692/00–	1555	China, S. coast, Hailingshan Gang: Lights; Port developments;	47
		Light-beacons	
1766/00–	3892	China, S. coast, Hainan Dao, Chengmai Wan, Macun: Port developments	47

II

14. CHINA SEA WITH ITS WEST SHORE & CHINA – continued

1858/00–	3482	China Sea, Peninsular Malaysia, Mersing Southeastwards, Pulau–Pulau	47, 48
		Anambas to North Luconia Shoals Westwards: Submarine cable	
1859/00–	1372	China, SE. coast, Shanwei: Depths, Buoyage, Leading lights, Port developments	50
2131/00–	37	China, S. coast, Hainan Dao, Haikou: Depths; Port developments; Channel	47
2133/00–	1767	China, E. coast, Taiwan Strait, Yuanzhui Jiao to Zhenhai Jiao: Depths; Wrecks; Obstructions; Fish traps and nets; Lights	50
2134/00–	1721, 1754, 1761	China, Dong Hai, Mazu Liedao to Beijishan Liedao: Depths; Wrecks; Lights; Radar beacons; Fishing stakes and nets	50
2238/00–	939	China, SE. coast, Tai Pang Wan (Mirs Bay), Approaches to Haiguan area: Anchorage; Buoyage; Jetties	50
4529/00–	41	China, S. coast, Approaches to Beihai Gang: Restricted areas	47
4532/00–	3449, 1767	China, SE. coast, Approaches to Xiamen Gang: Channel	50
4738/00–	1763, 1721	China, E. coast, Wenzhou Wan, Heiniu Wan, Anchorage areas; Restricted area	50
4934/00–	2556, 2569, 2585, 3831, 3833, 769, 1311, 3543, 1312, 2414, 3482	South China Sea, Singapore to Malaysia, South Changi to	45, 46, 47
5039/00–	341, 937, 3026, 1555, 3488, 3489	China, SE. coast, Hong Kong, Tai Yue Shan (Lantau Island), S. coast, Tong Fuk Southeastwards to Dadanwei Shuidao Southwards and Eastwards: Submarine cable	47, 48, 50
299/01–	1919	China, SE. coast, Hong Kong, Castle Peak Bay Southwards, Tuen Mun Immigration Anchorage: Works; Depths	47
433/01–	1760, 1962, 1968, 3489	China, SE. coast, Approaches to Shantou, Qiwan Wan Southwards: Submarine cable	48, 50
435/01–	1253, 1254	China, E. coast, Yellow Sea, Approaches to Qingdao: Restricted areas	52
436/01–	1255, 1256	China, E. coast, Yellow Sea, Liaodong Bandao Southeastwards: Restricted areas; Lights	52
880/01–	3658, 1761, 1968, 3236, 2412	T'aiwan N. coast, Tanshui Northwards and Eastwards: Submarine cable	50, 53
976/01–	3694	China, Yellow Sea, Dalian Gang and Approaches: Depths; Restricted areas; Lights; Buoyage; Channels; Port developments	52
977/01–	3480, 2412	China, E. coast and East China Sea, Chongming Dao Eastwards and Southeastwards: Submarine cable	52, 53
1102/01–	1760, 1962, 1968, 3489	China, SE. coast, Approaches to Shantou, Qiwan Wan Southwards: Submarine cable	48, 50
1212/01–	341, 3026, 1555, 3488, 3489	China, SE. coast, Hong Kong to Hainan Dao Eastwards, Tai Yue Shan (Lantau Island), S. coast, Wanshan Qundao and Helen Shoal Northwestwards: Submarine cable	47, 48, 50
1307/01	3480, 2347, 2412	China, E. coast and East China Sea, Chongming Dao Eastwards and Eastsoutheastwards: Submarine cable	52, 53
1520/01–	1767, 1760	China, E. coast, Jinmen Dao: Routeing measures; Restricted area	50
1521/01–	2400, 1754, 1761	China, E. coast, Mazu Liedao: Routeing measures; Restricted areas	50
1983/01–	1124, 1602	China, E. coast, Approaches to Shanghai, Tongsha Shazui: Restricted area; Buoyage	50
2282/01–	3542, 2414	China Sea, Gulf of Thailand, Malaysia, Bonkgot Gasfield Southeastwards: Platform	47
2573/01–	3658, 1761, 1968, 3236, 2412	China Sea, T'ai–wan, N. coast, Tan–Shui Northwards and Eastwards: Submarine cables	50, 53
3737/01–	876	China, Yellow Sea, Approaches to Qingdao Gang, Jiaozhou Wan: Light–beacon	52
4213/01–	1124, 1602, 1199	China, E. coast, Approaches to Shanghai, Changjiang Kou, Tongsha Shazin: Wreck; Buoy	50
4326/01–	3724	China Sea, Gulf of Thailand, Thailand, S. Coast, Sattahip Commercial Port: Berths; Depths; Dry dock; Landmark	47
4327/01–	3349	China, S. coast, Approaches to Zhanjiang Gang, Doulongcun Beihangdao: Depth	47
4643/01–	3892, 1555	China, S. coast, Nan Hai, Dafangji Dao Eastwards: Wreck	47
4644/01–	1555	China, SE. coast, Wanshan Qundao Southwards: Wreck	47
4645/01–	1917	China, SE. coast, South–Eastern Approaches to Hong Kong, Chung Hom Kok Southwards and Westwards: Submarine cables	47
4646/01–	1962	China, SE. coast, Shibeishan Jiao Southwestwards: Wreck	50
4647/01–	1249, 1255	China, Bo Hai, Liaodong Wan, Dagou Zuizi Southwestwards: Restricted areas	52
5047/01–	341	China, SE. coast, Zhujiang Kou and Southern Approaches to Hong Kong: Depths; Wrecks; Obstructions; Light–beacon; Lights	47
141/02–	3280	China, SE. coast, Hong Kong, Western Approaches to Hong Kong Harbour, Western Quarantine and Immigration Anchorage: Buoyage; Wreck	47
222/02–	1916, 3612	China, SE. coast, Hong Kong, Tiu Chung Chau Southwards: Artificial reef laying	47, 50
324/02–	3279, 1917, 341, 937, 3026, 1555, 1962, 1968, 3489	China, SE. coast, Hong Kong Eastwards: Submarine cables	47, 50

II

14. CHINA SEA WITH ITS WEST SHORE & CHINA – continued

325/02–	876, 1253, 1254, ...	China, E. coast and Korea, Westwards and Southwards, Yellow Sea to	52, 57
	1256, 3480, 4509 ...	E. China Sea: Submarine cables	
636/02–	939	China, SE. coast, Tai Pang Wan (Mirs Bay): Buoyage	50
637/02–	3449	China, SE. coast, Xiamen Gang: Wreck; Buoyage	50
1203/02–	2410, 2400	China, E. coast, Minjiang Kou and Min Jiang: Depths; Fairway;	50
		Anchor berths; Bridge	
1316/02–	1124, 1199, 1602, ...	China, E. coast, Zhoushan Qundao Northwards and Eastwards:	50, 53
	2412	Submarine cables	
1426/02–	3378, 1249	China, Bo Hai, Approaches to Qinhuangdao Gang: Anchorage areas	52
1523/02–	341, 937, 3026, 1555	South China Sea, Hong Kong to T'ai-wan Southwards (Bashi Channel):	47, 48,
	1962, 3804, 1968, ...	Submarine cables	50
	3488, 3489		
1788/02–	341, 3026, 1555, ...	Hong Kong, South Coast, Chung Hom Kok, Chek Chue Wan (Stanley Bay)	47, 48,
	1962, 1968, 3488, ...	Southeastwards and Eastwards: Submarine cables	50
	3489		
2479/02–	2400, 1754, 1761	China, E. coast, Dong Hai, Approaches to Minjiang Kou: Wreck; Buoy	50
2600/02–	3989, 3991, 3488	China, S. coast, Gulf of Tonking, Hai-nan Tao, W. coast: Platform	47
		Submarine pipeline	
2601/02–	1763	China, E. coast, Wenzhou and Approaches: Reclamation; Jetties;	50
		Buoyage; Depths; Restricted areas; Power transmission lines	
2608/02–	1429	China, E. coast, Chou Shan, Shen-Chia-Men and approaches: Depths;	50
		Lights; Buoyage; Restricted areas; Submarine cables;	
		Port developments; Power transmission lines	
2877/02–	3349, 3892	China, S. coast, Approaches to Zhanjiang: Fairway; Buoyage; Anchorage	47
		area; Pilot boarding place	
2878/02–	344	China, SE. coast, Zhu Jiang, Humen Shuidao, Hu Men: Wreck	49
3001/02–	2376, 3230, 3232, ...	China Sea, T'ai-wan, W. coast, Approaches to Kao-Hsiung:	50
	2409	Traffic separation schemes; Pilot boarding places; Anchorage areas	
3002/02–	1124, 1199	China, E. coast, Zhoushan Qundao and Hangzhou Wan: Lights; Submarine	50
		cable; Port developments	
3123/02–	2410	China, E. coast, Min Jiang, Xinfeng Jiao Eastwards: Wreck	50
3320/02–	3449, 1767	China, SE. coast, Xiamen Gang: Anchorage areas, Quarantine anchorage	50
		areas, Pilot boarding places	
3321/02–	3449	China, SE. coast, Xiamen Gang and Xiamen Neigang: Channel; Buoyage	50
		Port developments	
3322/02–	1601	China, Chang Jiang, Shanghai, Huangpu Jiang: Tunnel, Reclamation	50
3323/02–	1602	China, E. coast, Chang Jiang, Approaches to Shanghai, Changjiang	50
		Kou, Beicao Shuidao: Works	
3324/02–	3378, 1249	China, Bo Hai, Approaches to Qinhuangdao: Buoyage, Lights	52

15. JAPAN

3871/00–		Japan, Transfer of Admiralty Charts to World Geodetic System 1984 Datum	–
4210/00–	3115	Kyūshū, N. coast, Hakata Kō: Dredging; Buoyage	53
1985/01–	3110	Honshū, S. coast, Tōkyō, Tōkyō Ku, No 4 Area: Depths	53
3063/01–	2279, 2287, 3614	Seto Naikai, Ōsaka Kō: Depth	54
3064/01–	2265, 2279	Seto Naikai, Ōsaka Kō, Sakai South Fairway: Depths	54
3065/01–	2265	Seto Naikai, Ōsaka Wan, Approaches to Kōbe: Traffic restrictions	54
5050/01–	3604	Seto Naikai, Hakata Seto: Depths	54
5051/01–	698	Seto Naikai, Himeji, Aboshi Ku: Buoy; Light	54
142/02–	3108	Tōkyō Wan, Yokohama Kō, Igai Ne Southwards: Buoy	53
224/02–	3602, 3603	Seto Naikai, Kudako Suidō: Wreck	54
262/02–	2957, 952, 996	Honshū, E. coast, Daiō Saki Eastwards: Submarine cables	53
327/02	3373	Honshū, E. coast, Iso Saki Eastwards: Submarine cables	53
638/02–	676	Kyūshū, E. coast, Hososhima Kō: Works	53
639/02–	1578	Kanmom Kaikyō, Kanmom Kō, Hayatomo Seto: Depth	53
869/02–	1527, 359	Kyūshū, W. coast, Gotto Retto, Nakadori Shima Eastwards: Depths	53
870/02–	3881, 1527	Kyūshū, W. coast, Approaches to Sasebo, Terashima Suidō: Depths	53
871/02–	1527, 3514	Kyūshū, N. coast, Approaches to Imari Wan, Izu Shima Westwards: Shoal	53
872/02–	3514	Kyūshū, N. coast, Genkai Nada, Konagama Shō: Depth	53
873/02–	3514	Kyūshū, N. coast, Genkai Nada, Koga Northwestwards: Submarine cable	53
1085/02–	1527	Kyūshū, N. coast, Taka Shima Westwards: Depth	53
1086/02–	2957	Honshū, S. coast, Ise Wan, Kita-wakamastu: Depth	53
1087/02–	1304	Honshū, NW. coast, Kanazawa Kō: Less water	55
1317/02–	1304	Honshū, NW. coast, Kanazawa Kō: Depths	55
1789/02–	2279, 2265	Seto Naikai, Ōsaka: Harbour limits; Fairways; Buoyage, Dredged areas;	54
		Light-beacons; Restricted area	
2034/02–	3602, 3603	Seto Naikai, Iyo Nada, Yuri Shima to Heyano Seto: Depths	54
2373/02–	3650, 2957	Honshū, S. coast, Chita Wan: Depths	53
2374/02–	3650, 952, 2957	Irago Suidō Eastwards, Sugashima Suidō and Kami Shima Southwards	53
		and Northeastwards: Depths	
2481/02–	995, 652, 1648	Shikoku, S. coast, Approaches to Kōchi Kō: Depths	53
2482/02–	3109	Tōkyō Wan, Yokohama, Ōsanbashi Pier: Depths	53
2609/02–	3548, 3650, 954, ...	Honshū, Kii Suodō to Uruga Suidō: Voluntary traffic	53, 54
	2957, 951, 953, 2875	separation schemes	
2758/02–	3650	Honshū, S. coast, Ise Wan: Depth	53
3325/02–	3469, 3602	Seto Naikai, Hiroshima Kō, No 1 Fairway: Buoy; Fairway	54

II

16. KOREA & THE PACIFIC COASTS OF RUSSIA

2189/94–	54	Korea, NE. coast, Wonsan: Anchoring & Fishing prohibited area	56
113/98–	2161, 3041, 3198, ..	Russia, Pacific coast: Restricted areas; Anchorages; Traffic management	55, 56,
	2432, 3340, 2293, ..	schemes	92
	4512		
2049/99–	3365	Korea, SW. coast, Haenam to Cheju–do and Shinjido to Ch'ongsando: ..	52
		Restricted area	
3121/99–	913, 3365	Korea, W. coast, Southern Approaches to Mokp'o, Sia Hae: Depths	52
4140/99–	913	Korea, W. coast, Hōsa Kundo Northeastwards: Depth	52
212/00–	3391	Korea, S. coast, Samch'ongp'o Southwestwards, Bridge under construction	52
454/00–	1065	Korea, S. coast, Approaches to Masan, Haengam Man: Harbour limit; Port	52
		developments; Anchorage areas	
455/00–	1065	Korea, S. coast, Approaches to Pusan, Suyeong Man: Depths	52
707/00–	1259	Korea, S. coast, Masan: Submarine pipeline; Buoyage	52
1171/00–	898	Korea, S. coast, Approaches to Ulsan Man: Obstruction; Restricted area	52
4339/00–	1270	Korea, W. coast, Approaches to Inch'on Hang, Haerido Eastwards: Wreck	52
4534/00–	896, 1065, 2415, ..	Korea, S. coast, Southern approaches to Pusan, Korea Strait and	52, 53
	3666, 3480, 2347, ..	Danjo Banks: Submarine cables	
	2412		
1213/01–	3365, 3480	Korea, SW. coast, Sohūksando Southwards: Data buoy	52
2284/01–	3041	Russia, Pacific Coast, Zaliv Nakhodka: Depths; Floating docks	56
3632/01–	896, 1065, 2415, ..	Korea to Japan, Pusan through Korea Strait to Danjo Banks:	52, 53
	3666, 127, 359, 3480	Submarine cable	
874/02–	3642	Korea, W. coast, Inch'on Hang: Wreck	52
1319/02–	3390	Korea, S. coast, Kwangyang Hang, Kwangyang Man: Channel; Buoyage;	52
		Dredged depths	
2483/02–	3928	Korea, W. coast, Approaches to Mokp'o, Pulmugi Do	52
		Southwestwards: Buoy	
2879/02–	127	Korea, S. coast, Korea Strait, Hong Do: Radar beacon	52, 53

17. PHILIPPINE ISLANDS, BORNEO & INDONESIA EXCEPT SUMATERA

3013/97–	1943	Borneo, NW. coast, Sarawak, Kuala Paloh, Muara Seredeng and	48
		Muara Lassa: Hydrography; Beacons	
3030/99–	1943, 1945	Borneo, NW. coast, Sarawak, Kuala Paloh to Sibiu: Lights	48
1063/00–	967, 2660B	Cadlao Oilfield to Batangas: Submarine pipeline	48
979/01–	1949, 3838	Borneo, NW. coast, Sarawak, Kuala Baram, Tanjung Northwestwards:	48
		Channel; Buoyage	
980/01–	1949, 3838	Borneo, NW. coast, Sarawak, Miri: Channel; Beacon; Reclamation; Lights	48
		Leading lines	

17. PHILIPPINE ISLANDS, BORNEO & INDONESIA EXCEPT SUMATERA – continued

4215/01–	1823, 1822	Borneo, NW. coast, Sarawak, Sungai Sarawak: Anchorage areas	48
4553/01–		Indonesia: Accuracy of Charted Depths	–
998/02–	1420	Indonesia, Irian Jaya, NW. coast, Selat Sele; Depths	58
1088/02–	918	Indonesia, Jawa, N. coast, Merak Southwards: Jetty; Pilot boarding places;	60
		Anchorage area	
1320/02–	3015, 3014	Indonesia, Kalimantan, SE. coast, Pulau Laut, N. coast, T. Pemancingan:	59
		Coal terminal; Jetty; Depths; Fishing platforms	
2759/02–	2109, 1338, 2660B	Borneo, NW. coast, Brunei, Champion Oilfield: Submarine pipeline	48
3124/02–	1748, 2100	Borneo, NW. coast, Sarawak, Approaches to Pelabuhan Bintulu:	48
		Entrance channel; Buoyage	

18. AUSTRALIA & PAPUA NEW GUINEA

2641/97–	Aus 167	Tasmania, Port Dalrymple: Depth	65
2226/98–	Aus 256, Aus 257	Queensland, Townsville, Breakwater Marina Channel: Shoaling	66
3193/98–	Aus 157, Aus 158	Victoria, Port Phillip, Coles Channel: Beacon	65
2051/99–	Aus 26	Northern Territory, Darwin, Middle Arm: Obstruction, Buoyage	63
4234/99–	Aus 380, 4604, ..	Papua New Guinea, Rothery Passage: Light–beacon	66, 67
	Aus 4620, 4621		
4236/99–	Aus 523	Papua New Guinea, Lae: Depth	67
4238/99–	Aus 399, Aus 461, ..	Papua New Guinea, Bougainville Island: Lights	63, 67,
	Aus 683, 4060, 4604, ..		68
	4622		
4239/99–	Aus 462, 4604, 4622	Papua New Guinea, Manus Island: Lights	67
2043/00–	Aus 379, Aus 380, ..	Papua New Guinea, Redscar Bay to Port Moresby: Lights; Radar beacon	66, 67
	Aus 621, 4604, 4621		
2044/00–	Aus 385, Aus 523, ..	Papua New Guinea, Lae: Light	67
	4622		
2045/00–	Aus 388, Aus 389	Papua New Guinea, Cape Girgir to Muschu Island: Lights	67
2046/00–	Aus 376, Aus 378, ..	Papua New Guinea, Daru to Bristow Island: Light–beacon; Light	66
	Aus 840		
2430/00–	Aus 173	Tasmania, D'Entrecasteaux Channel, Snake Island: Marine farm	65
4535/00–	Aus 247	Queensland, Port Alma: Depth information	66
4540/00–	Aus 4	Queensland, Weipa: Depth information	63
4939/00–	Aus 373, Aus 831	Queensland, Great Barrier Reef, Morning Reef:	66
		Scientific instrument.	

II

18. AUSTRALIA & PAPUA NEW GUINEA – continued

4944/00–	Aus 109	Western Australia, Albany: Harbour developments	64
114/01–	Aus 256	Queensland, Magentic Island, Bright Point: Works	66
1103/01–	Aus 4, Aus 236, Aus 247, Aus 249, Aus 256, Aus 364, Aus 365, Aus 829, Aus 830	Queensland, Point Danger to Weipa: Scientific instruments	63, 66
1888/01–	Aus 197, Aus 359, Aus 360, Aus 361, Aus 362, Aus 363, Aus 364	New South Wales, Green Cape to Point Danger: Scientific instruments	65, 66
2089/01–	Aus 157	Victoria, Port Phillip, Corio Channel and Hopetoun Channel: Depths	65
2288/01–	Aus 154	Victoria, Port Phillip, Maribyrnong River: Works	65
2577/01–	Aus 372	Queensland, Chicken Reef Northwestwards: Scientific instrument	66
2578/01–	Aus 828	Queensland, Pith Reef Northwestwards: Scientific instrument	66
2784/01–	Aus 125, Aus 781	South Australia, Glenelg: Buoyage	65
3544/01–	Aus 236	Queensland, Moreton Bay: Light–beacon; Buoy	66
3739/01–	Aus 250	Queensland, Hay Point: Depth information	66
4216/01–		Queensland, Whitsunday Passage: Compulsory Pilotage	–
4222/01–	Aus 81	Western Australia, Geraldton: Scientific instruments	64
4434/01–	Aus 119	Western Australia, Esperance: Works; Breakwaters; Reclamation	64
4765/01–	Aus 140	Victoria, Portland: Shoaling	65
4958/01–	Aus 243, Aus 366	Queensland, Bundaberg: Light–beacons; Lights; Buoyage	66
4962/01–	Aus 259	Queensland, Lucinda: Obstruction	66
5162/01–	Aus 384, Aus 385, Aus 519	Papua New Guinea, Cape Nelson: Lights	67
5163/01–	Aus 143, Aus 158	Victoria, Port Phillip, Pinnacle Channel: Buoy; Restricted area	65
329/02–	Aus 831	Queensland, Cooktown: Depth information	66
330/02–	Aus 293, Aus 299	Queensland, Thursday Island: Depth information	66
540/02–	Aus 237, Aus 238	Queensland, Brisbane River: Depth information	66
541/02–	Aus 247	Queensland, Rosslyn Bay: Depths	66
542/02–	Aus 167, Aus 356, Aus 357, Aus 422, Aus 445A, Aus 799	Tasmania to Victoria, Bass Strait, Five Mile Bluff to Ninety Mile Beach: Submarine pipeline	65
758/02–	Aus 357, Aus 358, Aus 422, Aus 445A	Victoria, Bass Strait: Traffic separation scheme	65
1321/02	Aus 249	Queensland, Pioneer River: Light–beacon	66
1326/02–	Aus 137	South Australia, Port Adelaide: Shoaling	65
1429/02–	Aus 154	Victoria, Port Phillip, Port Melbourne, Victoria Dock: Harbour works	65
1911/02–	Aus 26, Aus 28	Northern Territory, Darwin, Fannie Bay: Shoaling; Buoy; Depth	63
1912/02–	Aus 81	Western Australia, Geraldton: Buoy	64
1913/02–	Aus 334, Aus 754	Western Australia, Rottnest Island: Scientific instruments; Buoyage	64
1914/02–	Aus 143, Aus 144, Aus 158	Victoria, Port Phillip, West Channel: Buoy; Depth	65
1915/02–	Aus 143, Aus 157	Victoria, Port Phillip, Werribee: Beacons; Scientific instruments; Restricted area; Obstructions; Buoyage	65
2153/02–	Aus 28	Northern Territory, Darwin: Depth information	63
2154/02–	Aus 312, 4603	Timor Sea, Sahul Banks: Offshore installations	60, 63
2156/02–	Aus 349	Victoria, Bass Strait: Scientific instruments	65
2157/02–	Aus 143, Aus 158	Victoria, Port Phillip, Blairgowrie: Light–beacons	65
2375/02–	Aus 199	New South Wales, Botany Bay: Buoy	65
2376/02–	Aus 243	Queensland, Bundaberg: Depth information	66
2377/02–	Aus 244, Aus 245, Aus 246	Queensland, Gladstone: Depth information	66
2378/02–	Aus 250	Queensland, Mackay: Depth information	66
2379/02–	Aus 462	Papua New Guinea, Admiralty Islands: Buoy	67
2380/02–	Aus 327, Aus 328, Aus 329, Aus 744	Western Australia, North West Cape: Scientific instruments; Buoyage	63
2381/02–	Aus 780, Aus 781	South Australia, Port Adelaide: Buoyage	65
2484/02–	Aus 236	Queensland, Moreton Bay, Mud Island: Wreck	66
2485/02–	Aus 236, Aus 237	Queensland, Brisbane River, Fisherman Islands: Harbour works	66
2486/02–	Aus 243	Queensland, Bundaberg: Depth information	66
2487/02–	Aus 244, Aus 245, Aus 246	Queensland, Gladstone: Depth information	66
2488/02–	Aus 244, Aus 245	Queensland, Gladstone, Clinton Channel: Harbour works	66
2489/02–	Aus 250	Queensland, Mackay: Depth information	66
2490/02–	Aus 256, Aus 257	Queensland, Townsville: Depth information	66
2491/02–	Aus 377, Aus 4620, 4603	Coral Sea, Ashmore Reef: Position	63, 66
2492/02–	Aus 309, Aus 311, 942A	Northern Territory, Troubadour Shoals: Scientific instruments; Buoyage	58, 60, 63
2493/02–	Aus 312, 942A	Timor Sea, Sahul Banks: Scientific instruments; Buoy	58, 60
2494/02–	Aus 314	Western Australia, Sahul Banks: Scientific instruments; Buoyage	63
2496/02–	Aus 140, Aus 786	Victoria, Cape Sir William Grant: Obstruction; Buoyage	65
2497/02–	Aus 172	Tasmania, Hobart: Depth information	65
2602/02–	Aus 249, Aus 250	Queensland, Hay Point: Wharf; Mooring buoys	66

II

18. AUSTRALIA & PAPUA NEW GUINEA – continued

2604/02–	Aus 171	Tasmania, Blackman Bay: Beacons; Light–beacons	65
2605/02–	Aus 154	Victoria, Port Phillip, Williamstown Channel: Light–beacon; Buoy	65
2880/02–	Aus 249, Aus 250	Queensland, Mackay: Works; Buoyage; Restricted area	66
2881/02–	Aus 143, Aus 155	Victoria, Port Phillip, Brighton: Works	65
3003/02–	Aus 235, Aus 236, Aus 237, Aus 238	Queensland, Moreton Bay and Brisbane River: Depth information	66
3004/02–	Aus 252	Queensland, Laguna Quays: Depth	66
3005/02–	Aus 829	Queensland, Mourilyan: Depth information	66
3006/02–	Aus 373, Aus 831	Queensland, Undine Reef: Light–beacon	66
3007/02–	Aus 6	Queensland, Cairns: Depth information	66
3008/02–	Aus 26, Aus 28	Northern Territory, Darwin, Fannie Bay: Shoaling	63
3009/02–	Aus 143, Aus 144	Victoria, Approaches to Port Phillip: Buoy	65
3326/02–	Aus 143, Aus 144, Aus 158	Victoria, Port Phillip, South Channel: Shoaling	65
3327/02–	Aus 236, Aus 237	Queensland, Brisbane River, Fishermans Islands: Harbour works	66
3328/02–	Aus 327, Aus 741	Western Australia, North West Cape: data buoy	63
3329/02–	Aus 329	Western Australia, Ningaloo Reef: Scientific instruments	63
3330/02–	Aus 333	Western Australia, Dongara: Scientific instruments	64
3331/02–	Aus 112, Aus 754, Aus 333, Aus 334	Western Australia, Jurien Bay to Cape Naturaliste: Scientific instruments	64
3332/02–	Aus 113	Western Australia, Fremantle: Depths	64
3333/02–	Aus 154	Victoria, Port Phillip, Port Melbourne: Depths	65

19. NEW ZEALAND

2836/00–	4640, 4060, 4061, 4065, 4600	South Island, E. coast, Chatham Rise: Research instruments	63, 71, 73
1108/01–	4060, 4061, 4600	Bounty Islands Northwards and Southwards: Research moorings	63, 71, 73
1314/01–	NZ 53, NZ 54	North Island, E. coast, Bay of Plenty: Research Moorings	71
4328/01–	NZ 46, NZ 463, NZ 6153	South Island, N. coast, Tory Channel Entrance: Wreck	71
4329/01–	NZ 53, NZ 532	North Island, E. coast, Firth of Thames: Buoyage	71
4767/01–	NZ 63, NZ 64	South Island, E. coast, Pegasus Bay: Research instruments; Buoyage	72
543/02–	NZ 61	South Island, N. coast, Golden Bay and Tasman Bay: Research moorings; Buoyage	71
875/02–	NZ 51, NZ 52, NZ 53, NZ 521, NZ 522, NZ 531, NZ 532	North Island, E. coast: Research instruments	71
999/02–	NZ 43, NZ 45, NZ 46, NZ 62, NZ 63, NZ 463	South Taranaki Bight, Cook Strait and South Island NE. coast: Submarine cables	71, 72
1090/02–	NZ 54, NZ 541	North Island, E. coast, Tauranga Harbour: Light	71
1916/02–	NZ 64, NZ 6422	South Island, E. coast, Timaru Harbour: Light–beacon	72
2038/02–	NZ 54, NZ 542, 4640	North Island, E. coast, Bay of Plenty: Wreck; Buoyage	71
2606/02–	NZ 4633, NZ 4634	North Island, Wellington Harbour: Light	71
2607/02–	NZ 6321	South Island, E. coast, Lyttelton Harbour: Buoy; Research instruments	72
2882/02–	NZ 5125	North Island, E. coast, Bay of Islands, Waitangi Wharf: Works	71
2883/02–	NZ 5213	North Island, E. coast, Whangarei Harbour: Navigational information	71
2884/02–	NZ 52, NZ 53, NZ 521, NZ 5213	North Island, E. coast, Whangarei Harbour: Marine farm	71
2885/02–	NZ 6612	South Island, E. coast, Otago Harbour: Leading beacons	72

20. PACIFIC OCEAN

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

II

20. PACIFIC OCEAN – continued

1204/02–	935, 936	Nouvelle-Calédonie: Fish havens	68
2610/02–	1103, 1382, 1060, 998, 4657	Polynésie Française, Îles de la Société: Fish havens	73

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

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

22. WEST COASTS OF CENTRAL AND SOUTH AMERICA

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

23. ANTARCTICA

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

24. EAST COAST OF SOUTH AMERICA & THE FALKLAND ISLANDS

634/99–	397	South America, E. coast, Brazil, N. coast, Approaches to Porto de Belém, Ilha do Barra Westwards, Ilha do Cruzador: Shoaling	95
4039/99–	1614	Falkland Islands, E. Falkland Island, Stanley Harbour, FIPASS: Alongside depths	96
461/00–	397, 3959	South America, E. coast, Brazil, N. coast, Rio Para Approaches: Buoyage; Radar beacon	95
3873/00–	530	South America, E. coast, Brazil, S. coast, Paranaguá Southeastwards: Fish aggregating devices	95
4127/00–	969	South America, E. coast, Brazil, E. coast, Porto de Recife: Depths	95
228/01–	550	South America, E. coast, Brazil, S. coast, Approaches to São Francisco do Sul: Buoyage; Depths; Works	95
667/01–	526, 3955, 3957, 528	South America, Brazil, N. coast, Fortaleza Northwestwards: Submarine cables	95
668/01–	2189	South America, E. coast, Brazil, Rio Amazonas, Baía de Macapá: Shoal bank; Depths	95
4224/01–	231	South America, E. coast, Brazil, S. coast, Approaches to Porto de Paranaguá, Canal da Galheta: Depths; Buoyage	95
759/02–	431	South America, E. coast, Brazil, S. coast, Approaches to Porto de Sepetiba: Coal terminal; Depths; Buoyage	95
1000/02–	2545	Falkland Islands, West Falkland Island, Pebble Sound: Depths	96
1525/02–	2002	South America, E. coast, Brazil, S. coast, Approaches to Rio Grande, Coroa de Dona Mariana: Dredged channel	95
2611/02–	2001, 1749, 3064	South America, E. coast, Rio de la Plata, Approaches to Montevideo Practicos Recalada: Light vessel; Pilot boarding place	95
2612/02–	3971	South America, E. coast, Brazil, S. coast, Cabo Frio southwards: Buoy	95
2886/02–	3064, 556	South America, E. coast, Rio de la Plata, Banco Rouen Eastwards: Obstructions	95
3010/02–	4115, 4215, 4216	Atlantic Ocean: Buoyage	19, 20, 87, 95
3214/02–	3957	South America, E. coast, Brazil, N. coast, Ponta Pecém Northwards: Buoy	95

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

590/89–	2626, 1225	Gulf of Mexico, Gulf of Campeche, Cayo Arcas: Ships' Routeing System	83
2403/92–	2009, 1217, 3866	West Indies, Cuba, N. coast: Causeway constructed	83, 84
1116/97–	1525	Venezuela, Lago de Maracaibo, Cabinas and La Salina: Dredged channels; Depths; Submarine pipelines; Aids to navigation	87
4638/98–	483	West Indies, Trinidad, Gulf of Paria, Boca Grande, Soldado Oilfield and Serpent's Mouth: Buoyage; Well	87
230/99–	1330	Venezuela, Gulf of Paria, Entrance to Rio San Juan: Lights; Buoyage; Channels; Floating logs	87
2946/99–	1525	Venezuela, Lago de Maracaibo: Wreck	87
3123/99–	494, 371, 594, 956	West Indies, Martinique: Fish havens	87
950/00–	585, 593, 2600	West Indies, Leeward Islands, Montserrat: Volcanic activity	86, 87

II

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

3272/00–	502	West Indies, Barbados, Bridgetown Harbour and Approaches, Spring Garden	87
		 Anchorage: Outfall; Buoyage; Submarine pipeline	
4421/00–	482, 479, 484, 483	West Indies, Trinidad, West coast, Approaches to Port of Spain;	87
		 Dredged depths; Works	
4640/00–	799	West Indies, Windward Islands, Saint Vincent, SW. coast, Kingstown Bay:	
		 Jetty; Light; Wrecks; Landmark	87
4641/00–	2065, 2064	West Indies, Antigua, Saint John's Harbour: Depths; Buoyage;	
		 Dredged areas	86
229/01–	1629, 2192	Venezuela, N. coast, La Guaira Westwards: Submarine cables	87
302/01–	371	West Indies, Martinique, W. coast, Bais de Fort-de-France: Buoy	87
303/01–	494	West Indies, Martinique, S. coast, Cul-de-Sac du Marin: Light-beacon;	87
		 Buoy	
775/01–	1414	West Indies, Nederlandse Antillen, Bonaire: Depths	87
982/01–	491, 618	West Indies, Guadeloupe, Les Saintes, Terre-de-Haut,	87
		 Passe du Pain de Sucre: Buoy	
1892/01–	522	Belize, English Cay Channel and Belize Harbour: Buoyage	85
2786/01–	1277	Colombia, N. coast, Roca Morrosquillo: Light; Buoy	88
1430/02–	3384	Gulf of Mexico, Louisiana, Mississippi River, New Orleans and	83
		 Baton Rouge: Restricted areas	
1917/02–	479, 482, 484, 483	West Indies, Trinidad, W. coast, Approaches to Port of Spain,	87
		 Grier Channel: Dredged area; Light-beacons; Pilot boarding places	

26. EAST COAST OF NORTH AMERICA & GREENLAND

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

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

To accompany Notice to Mariners 3245/02

On Chart 1150

DEPTHS

Depths in the approaches to Ribadesella and the Rio Sella are less than charted. Mariners are advised to proceed with caution.

To accompany Notice to Mariners 3252/02

On Chart 3578

MARINE FARMS

Marine farms exist within the area of this chart and are generally marked by buoys or beacons, which may be lit. Further farms may be established without notice.

To accompany Notice to Mariners 3254/02

On Chart 186

MARINE FARMS

Marine farms may be encountered within the area of this chart. They may not all be shown individually and their positions may change frequently. Marine farms may be marked by lit or unlit buoys or beacons. Mariners are advised to avoid these structures and their associated moorings.

To accompany Notice to Mariners 3295/02

On Chart Aus 357

LAKES ENTRANCE

A sidecaster dredger undertakes periodic dredging; the fixed blue lights (H24) assist the dredge in maintaining a consistent dredge line.

The front mark, lit vertical bar, will be moved whenever the dredge line varies as a consequence of the natural occurring sand movement changing the alignment of the fairway.

Whenever the rear mark, lit triangle apex down, is extinguished, it indicates that Gippsland Ports is uncertain about the location and alignment of the preferred fairway; extreme caution should be exercised in attempting to enter or leave Lakes Entrance.

Mariners are further advised that as the depth and width of the fairway can not be guaranteed and is constantly changing, Gippsland Ports give no warranty whatsoever for depth and/or width of the fairway dredged.

Mariners should contact Gippsland Ports on 03 5152 1974 (BH) or 0418 381 366 (AH) for the latest information on the bar.

To accompany Notice to Mariners 3295/02 (continued)

On Chart Aus 358

LAKES ENTRANCE

A sidecaster dredger undertakes periodic dredging; the fixed blue lights (H24) assist the dredge in maintaining a consistent dredge line.

The front mark, lit vertical bar, will be moved whenever the dredge line varies as a consequence of the natural occurring sand movement changing the alignment of the fairway.

Whenever the rear mark, lit triangle apex down, is extinguished, it indicates that Gippsland Ports is uncertain about the location and alignment of the preferred fairway; extreme caution should be exercised in attempting to enter or leave Lakes Entrance.

Mariners are further advised that as the depth and width of the fairway can not be guaranteed and is constantly changing, Gippsland Ports give no warranty whatsoever for depth and/or width of the fairway dredged.

Mariners should contact Gippsland Ports on 03 5152 1974 (BH) or 0418 381 366 (AH) for the latest information on the bar.

To accompany Notice to Mariners 3335/02

On Chart 323

CHARTS 1350, 1351 AND 1873: POSITIONS

To agree with charts 1350, 1351 and 1873, which are referred to European Datum (1950), positions read from chart 323 should be moved 0.05 minutes NORTHWARD and 0.08 minutes EASTWARD.

On Chart 1408

CHART 1505: POSITIONS

To agree with larger scale chart 1505, which is referred to European Datum (1950), positions read from chart 1408 should be moved 0.05 minutes NORTHWARD and 0.08 minutes EASTWARD.

On Chart 1504

CHART 1505: POSITIONS

To agree with chart 1505, which is referred to European Datum (1950), positions read from chart 1504 should be moved 0.05 minutes NORTHWARD and 0.08 minutes EASTWARD.

On Chart 1610

CHART 1872: POSITIONS

To agree with larger scale chart 1872, which is referred to European Datum (1950), positions read from chart 1610 should be moved 0.05 minutes NORTHWARD and 0.08 minutes EASTWARD.

On Chart 1704

CHART 1196: POSITIONS

To agree with larger scale chart 1196 which is referred to World Geodetic System 1984 Datum, positions read from chart 1704 should be moved 0.07 minutes SOUTHWARD and 0.07 minutes WESTWARD.

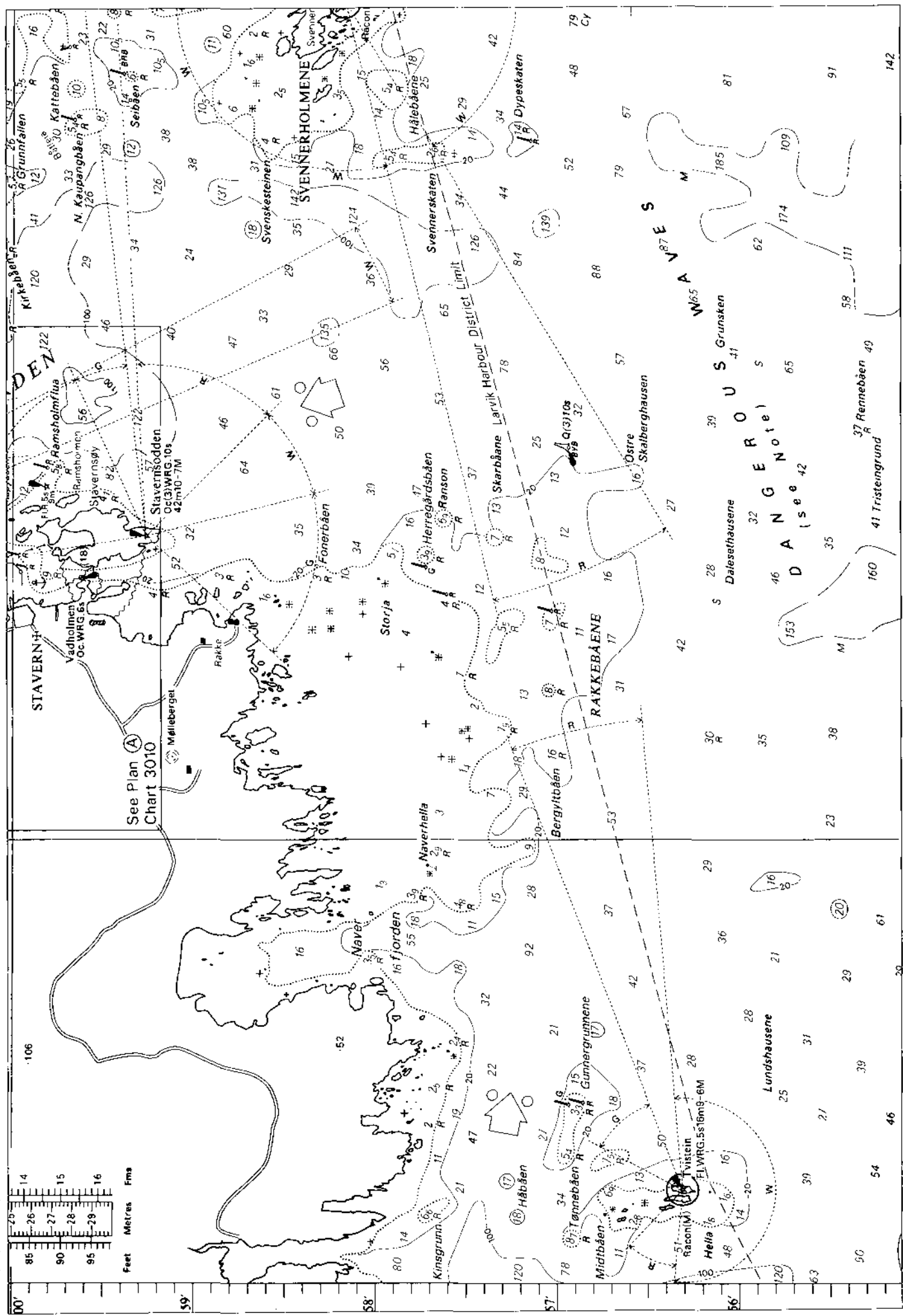
To accompany Notice to Mariners 3335/02

On Chart 2449

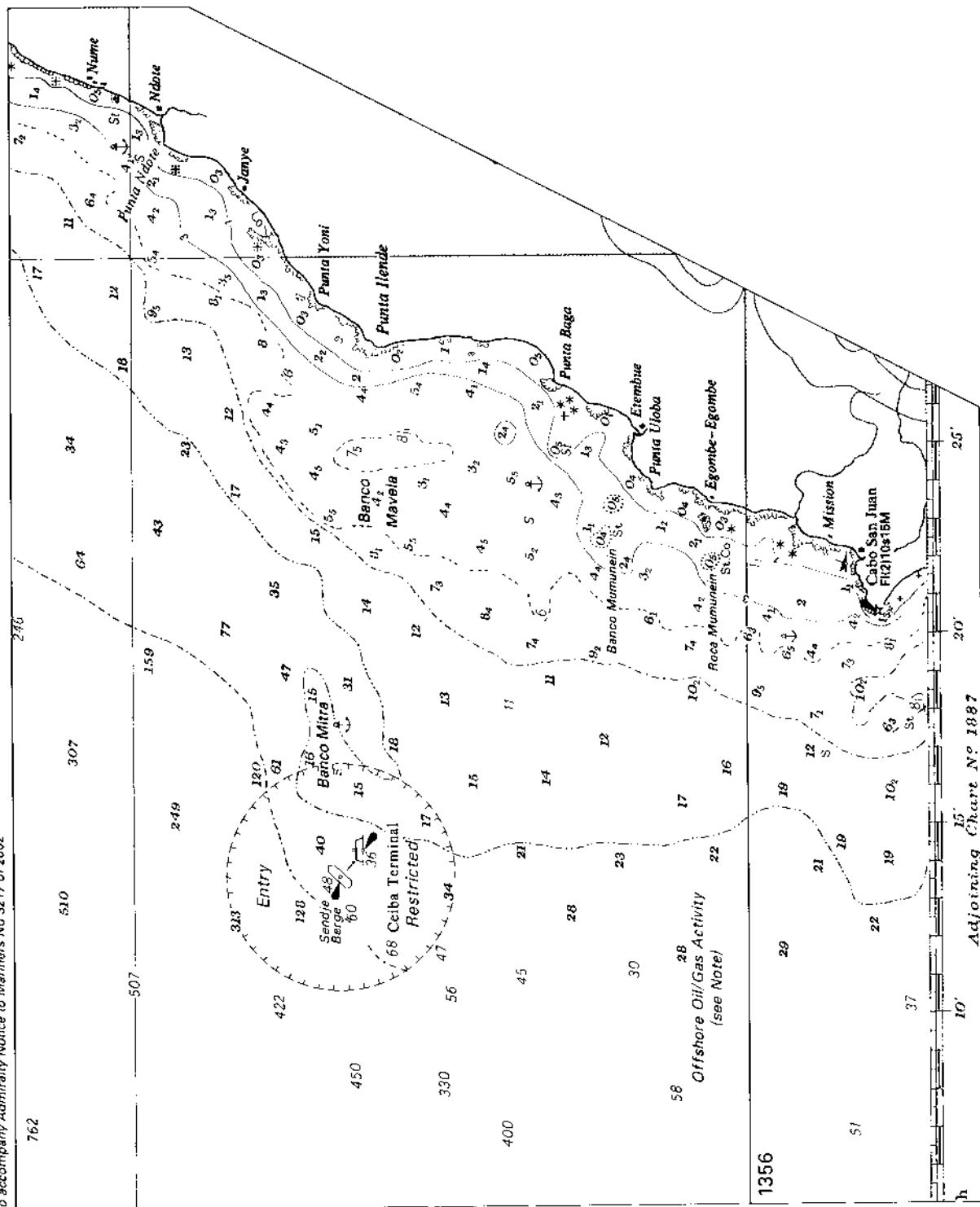
CHART 1872: POSITIONS

To agree with larger scale chart 1872, which is referred to European Datum (1950), positions read from chart 2449 should be moved 0·05 minutes NORTHWARD and 0·08 minutes EASTWARD.

Block for Chart No 1887



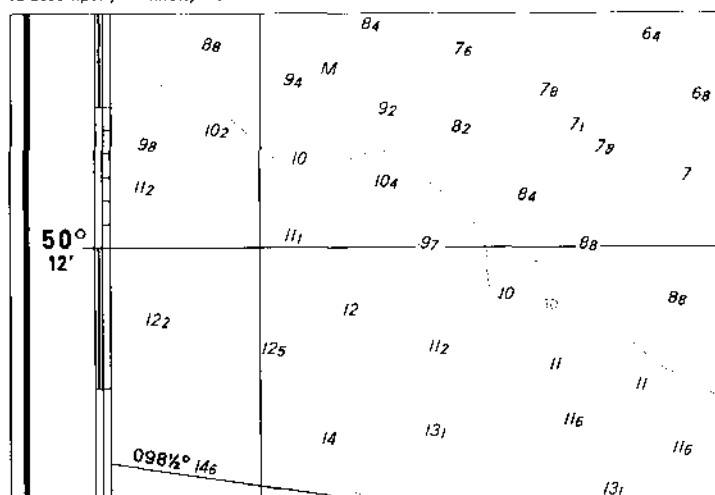
To accompany Admiralty Notice to Mariners No 3217 of 2002



Adjoining Chart No 1887

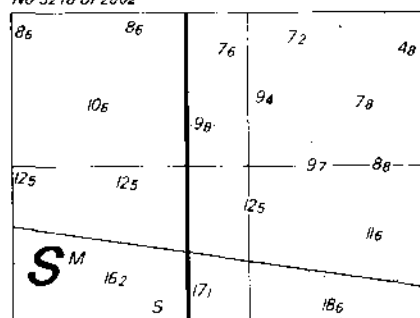
Block for Chart No 1888

To accompany Admiralty Notice to Mariners No 3218 of 2002



Block A for Chart No 4776

To accompany Admiralty Notice to Mariners
No 3218 of 2002



Block B for Chart No 4776

III

NAVIGATIONAL WARNINGS

See N.M. 13/02. Messages printed below are all in force on 23 July 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) 31st Week 1/8/02.

NAVAREA I warnings in force 23/7/02: 2000 series: 397 473. 2001 series: 151 222 252 303 510.

2002 series: 128 209 210 230 233 240 248 249 259 262 267 269 281 284 285 287 288 289 290.

- 281 SHETLAND ISLANDS, Westward. Foinaven and Schiehallion Oilfields. Chart BA 219. Seismic survey in progress by M/V *Ramform Viking* towing 10 x 3000 metre cables in area bounded by: 60°32'N 004°00'W, 60°23'N 003°43'W, 60°08'N 004°20'W and 60°16'N 004°35'W. 5 Mile berth requested. Guard Vessel in attendance monitoring VHF Channels 16, 13 and 72 and broadcasting latest information on Channel 06. Vessels within 10 Miles are requested to establish contact for safety of navigation.
- 282 Cancelled.
- 283 Cancelled.
- 284 ENGLAND, South Coast. Christchurch Bay. Chart BA 2035. Fog signal, Bell, established at North Head lightbuoy, 50°43'N 001°36'W.
- 285 ENGLAND, South Coast. Outer Owers. Chart BA 1652. Fog Signal, Bell, established at East Borough Head lightbuoy, 50°42'N 000°39'W.
- 286 Cancelled.
- 287 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 231000z Jul 02.
- | | | | |
|-----|-----------|------------|-----------------------|
| NEW | 52°39'·1N | 001°54'·3E | Transocean Nordic |
| | Rotterdam | | Noble Lynda Bossler |
| | 53°23'·2N | 002°09'·0E | Ensco 92 |
| | 53°57'·0N | 000°35'·7E | Noble Julie Robertson |
| | 54°20'·6N | 002°52'·0E | Glomar Adriatic 11 |
| | 54°21'·5N | 003°15'·1E | Noble Kolskaya |
| | 54°27'·6N | 002°21'·7E | Ensco 72 |

NOTES:

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

2. Cancel 277/02.

III

288 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 231000z Jul 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
	55°42'9N	002°56'5E	Santa Fe 135
	56°07'8N	004°24'6E	Ensco 70
	56°51'0N	002°15'3E	Galaxy 1
	57°08'9N	001°48'3E	Sedco 712
NEW	57°10'1N	001°26'2E	Santa Fe 140
	57°18'5N	001°54'7E	Sedco 714
	57°59'0N	000°09'7E	Ocean Princess
	58°06'2N	001°08'7E	Stena Spey
	58°15'8N	000°31'6E	J.W.McLean
	58°18'1N	001°42'4W	Sedco 704
	58°19'4N	000°41'8E	Sedco 711
	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
	59°40'3N	001°33'7E	Ocean Nomad
NEW	Hanoytangen		West Vanguard

NOTES:

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

2. Cancel 278/02.

289 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 231000z Jul 02.

	60°18'7N	004°20'3W	Jack Bates
	60°20'1N	004°02'2W	Transocean Leader
	60°24'7N	004°03'3W	Paul B Loyd Jnr
NEW	60°41'8N	003d29'.2W	West Venture
	60°47'9N	003°26'7E	Polar Pioneer
	60°52'6N	003°29'7E	Maersk Jutlander
	61°03'8N	002°00'2E	Deepsea Trym
	61°04'6N	001°57'9E	Borgland Dolphin
NEW	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°10'1N	006°48'0E	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 279/02.

III

290 RIGLIST. South and West Coasts of the British Isles. Correct at 231000z Jul 02.

53°52'6N 003°27'9W Ensco 85

NOTES:

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

2. Cancel 280/02.

Cancel 214/02. ANM 2750(P) refers.

(2) Navarea II (E Atlantic) 31st Week 1/8/02.

Edited Navarea II warnings in force 23/7/02: NIL.
252 to 255 received.

(3) Navarea III (Mediterranean) 31st Week 1/8/02.

Edited Navarea III warnings in force 23/7/02: 466/01, 336/02, 339/02.
337 to 348 received.

339 MEDITERRANEAN SEA. Tunisia, East Coast. Baie de Monastir. Chart BA 1162. Dangerous Wreck reported
35°45'N 010°55'E.

Cancel 552/01. ANM 3057/02 refers.

(4) Navarea IV (NW Atlantic) 31st Week 1/8/02.

Edited Navarea IV warnings in force 23/7/02: 219/02.
259 to 264 received.

(5) Navarea V (W Atlantic) 31st Week 1/8/02.

Edited Navarea V warnings in force 23/7/02: 055/01, 1368/01.
880 to 890 received.

(6) Navarea VI (SW Atlantic) 31st Week 1/8/02.

Edited Navarea VI warnings in force 23/7/02: 101/01, 175/01.
248 to 262 received.

(7) Navarea VII (SE Atlantic) 31st Week 1/8/02.

Edited Navarea VII warnings in force 23/7/02: NIL.
082 received.

(8) Navarea VIII (Indian Ocean) 31st Week 1/8/02.

Edited Navarea VIII warnings in force 23/7/02: 388/00, 268/01, 497/01.
437 to 440 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 31st Week 1/8/02.

Edited Navarea IX warnings in force 23/7/02: NIL.
Nil received.

(10) Navarea X (Australia, New Guinea) 31st Week 1/8/02.

Edited Navarea X warnings in force 23/7/02: 004/02.
Nil received.

III

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 31st Week 1/8/02.

Edited Navarea XI warnings in force 23/7/02: NIL
Nil received.

(12) Navarea XII (NE Pacific) 31st Week 1/8/02.

Edited Navarea XII warnings in force 23/7/02: NIL.
214 to 219 received.

(13) Navarea XIII (NW Pacific) 31st Week 1/8/02.

Edited Navarea XIII warnings in force 23/7/02: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 31st Week 1/8/02.

Edited Navarea XIV warnings in force 23/7/02: NIL.
Nil received.

(15) Navarea XV (SE Pacific) 31st Week 1/8/02.

Edited Navarea XV warnings in force 23/7/02: NIL.
085 received.

(16) Navarea XVI (E Pacific) 31st Week 1/8/02.

Edited Navarea XVI warnings in force 23/7/02: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 31st Week 1/8/02.

Edited Hydropacs in force 23/7/02: 1272/99, 496/02.
1311 to 1348 received, except 1341 and 1342.

(18) Hydrolants (Atlantic, Mediterranean) 31st Week 1/8/02.

Edited Hydrolants in force 23/7/02: 2002/98, 1581/00, 383/02.
1564 to 1622 received.

Cancel 1562/02. Navarea III 339/02 refers.

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

**NP 3 Africa Pilot Volume III (1980 Edition) —
Supplement 10–2001****Mozambique – Baía de Mocimboa da Praia —
Baixos Gray****170**

L 57 Including existing Supplement amendment *For*
Baixos Grey *Read* Baixos Gray

**Mozambique – Cabo Delgado Southwards —
Rock****173**

L 20 Including existing Supplement amendment *Replace*
by:

... SE, is steep-to and usually marked by surf. An isolated
rock 0.9 m in height lies 2 miles S of Cabo Delgado.

United Kingdom Hydrographic Office
(HH. 455/440/04) [31/02]

NP 18 Baltic Pilot Volume I (2001 Edition)**Approaches to Kattegat – Route T — No 1
Light–buoy removed****49**

Paragraph 2.4 *1* line 4 *For* No 1 Light–buoy off Skagens
Rev *Read* a position 5 miles NE of Skagen Light (57°44'N,
10°38'E)

55

Paragraph 3.8 *1* lines 3 and 4 *Delete* No 1 Light–buoy to

56

Paragraph 3.15 *1* line 2 *For* Nos 1 and 3 Light–buoys *Read*
No 3 Light–buoy

Paragraph 3.17 *1* lines 2–3 *Delete*

Paragraph 3.18 *1* lines 1–3 *Replace by:*

- 1* From a position 5 miles NE of Skagen Light
(57°44'N, 10°38'E), the track leads SE for about 30
miles, passing:

92

Paragraph 3.383 *1* lines 1–2 *Replace by:*

- 1* The W channel through Kattegat leads S from
position 57°47'N, 10°46'E for...

93

Paragraph 3.390 *1* lines 5 and 6 *Delete*

Danish Notice 24/159/02
(HH. 332/410/02) [31/02]

NP 19 Baltic Pilot Volume II (2002 Edition)**Estonia — Reporting requirements****13**

Paragraph 1.76 *Replace by:*

- 1* **Estonia.** Vessels navigating in Estonian waters are
obliged to observe the requirements of *MARPOL 73/78*
and the Helsinki Convention of 1974, wherein the
Baltic Sea is defined as a Special Area. Details are
summarised in *The Mariner's Handbook*. See also
1.70.

Vessels causing any form of marine pollution or
damage to the environment may be arrested and
detained by the State Authorities.

Reports, with full details, of any infringements of
Estonian or international regulations should be sent to
the Estonian National Maritime Board.

- 2* Estonia prohibits the carriage through its territorial
waters of certain hazardous substances, unless bound
for Estonia. The list includes radioactive materials,
explosives, infectious substances, hazardous marine
pollutants, some *MARPOL* categories of chemicals,
certain crude or persistent oil products, and some
fertilisers.

Estonian National Maritime Board
(HH. 344/227/01) [31/02]

**Sweden – Oxelösund Southwards — Maximum
authorised draught****218**

Paragraph 5.219 *1* line 2 *For* 7.0 m *Read* 6.0 m

Swedish Maritime Authority
(HH. 318/445/03) [31/02]

IV

NP 43 South and East Coasts of Korea, East Coast of Siberia and Sea of Okhotsk Pilot (1983 Edition) — Supplement 7–1999

Zaliv Pos'yeta – Port Khasanskiy — Pilotage

178

L 19–30 Including existing Supplement amendment
Pilotage Add:

Pilotage is compulsory for vessels over 1000 gt, and is available during daylight hours only.

Reyd Pallada – Port Pos'yet — Pilotage; Directions

180

L 7 *Insert:*

Pilotage is compulsory for vessels over 500 gt or 50 m in length in Port Pos'yet and in the waters between the Port and the anchorages in Reyd Pallada (see 6.52 Including existing Supplement amendment). Tug escort is also required. For vessels over 5000 gt, pilotage will only be undertaken during the hours of darkness providing all nav aids in the approach channel are operational.

Pilots board in Reyd Pallada, about 7½ miles SE of Mys Nazimova (6.49).

Caution. Vessels navigating in the vicinity of Poluostrov Krabbe may experience difficulties with VHF communications caused by the local terrain.

L 52–56 *Replace by:*

From a position about 3 cables SE of Mys Nazimova and on the recommended track (6.53) for Reyd Pallada, the track marked by leading lights and light-buoys (lateral and cardinal) leads 000° 1 mile, passing through the narrow channel (6.51) between Mys Nazimova and Ostrov Cherkavskogo, thence across Reyd Pos'yet to Port Pos'yet.

Zaliv Slavyanskiy – Portovyy Punkt Slavyanskiy — Pilotage; Directions

184

R 59 *Insert:*

Portovyy Punkt Slavyanskiy

6.101a

Portovyy Punkt Slavyanskiy lies in Bukhta Yuzhnaya at the head of Guba Tulamu.

Pilotage is available during working days between 0800 – 2400. For larger vessels with draughts over 7 m, daylight pilotage only. For further details see the relevant *Admiralty List of Radio Signals*.

Directions. From an initial position 42°50'3N, 131°33'3E in the Vladivostok Traffic Separation Scheme (see existing Supplement amendment Appendix II p 82), the track leads:

W of Ostrov Tsivol'ko (6.116) to position 42°52'5N, 131°33'6E, about 4 miles E of Mys Bryusa (6.94), thence:

Recommended route No 27 leads 300°–120° 3 miles to a position 1¼ miles NE of Mys Bryusa; thence 258°–078° 3½ miles between Mys Bryusa and Ostrov Gerasimova (6.97), and onward to the waiting area and pilot boarding point.

Thence a channel 400 m in width and marked by light-buoys leads to the berths.

Russian Notice 26/3895/02; Russian Charts 96604, 65000, 68000, 63002
(HH. 570/410/03) [31/02]

IV

[31/02]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

In force 27 July 2002

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
1	Africa I		
	1,134	Offshore Operations — Fishing	42/00
	79	Porto Santo — Leading lights discontinued	09/01
	82	Porto de Machico — Depth; anchorage deleted	42/01
	88	Islas Canarias — Marine reserve	37/00
	106	Puerto Caballo — Leading beacons	44/00
	109	Isla de la Gomera — Leading lights discontinued	37/00
	111	Isla de la Palma — Leading lights discontinued	21/00
	142	Approaches to Casablanca — Light-buoys	46/00
	142	Approaches to Casablanca — Restricted area	33/00
	142	Approaches to Casablanca — Restricted area	18/01
	144	Casablanca to El Jadida — Restricted area	18/01
	212–213	Fleuve Tinguillinta — Buoyage	28/00
	225–226, 228–230	Sierra Leone — Freetown and approaches	49/01
	226–227	Sierra Leone River and Approaches — Buoyage withdrawn; depths	20/02
	260–261	Port d'Abidjan and approaches — Wrecks; buoyage; directions	04/00
	261	Port d'Abidjan — Directions	20/01
	288	Cotonou to Lagos — Wreck	42/00
	291	Lagos — Entrance channel; SPM	11/01
	304	Dodo River – EA Oilfield — Safety Zone	02/02
	314	Bonny River — Anchorage	42/01
	314–315	Bonny River — Anchorage; Fairway buoy; Pilotage	42/00
	320	Bonny Offshore Oil Terminal	42/00
2	Africa II		
	99	Puerto Macías Nguema — Wreck	51/00
	106	Estuaire du Gabon — Wreck	44/00
	128	River Congo entrance — Wreck	07/01
	155–156	Walvis Bay — Pilotage; buoyage; channels	46/00
	181	Ysterfontein Point to Table Bay — Wreck	14/01
	201	Appendix 4 — Altered position	18/99
3	Africa III		
	1, 67	South Africa – Regulations — Routeing for laden tankers	10/02
	2	South Africa – Regulations — Oil Pollution; observation and reporting	10/02
	6, 108	South Africa – East Coast – Regulations — Marine protected area	12/02
	86–87	Port Elizabeth — Traffic Separation Scheme; Vessel Traffic Service; Anchorage	19/02
	113	South Africa – Durban — Vessel Traffic Service	21/02
	119	South Africa – Richards Bay — Vessel Traffic Service	21/02
	249	Somalia — Piracy and armed robbery	26/02
4	South-East Alaska		
	191	Holkham Bay — Ice	07/01
	296–297, 323	Montague and Green Islands — Depths	46/00
	299	Cape Hinchinbrook — Precautionary Area	22/01
	304–305	Prince William Sound — Traffic Separation Scheme	22/01
	384	Code of Federal Regulations — Notices of Arrival and Departure	42/01
5	South America I		
	7	Uruguay — National limits	42/00
	63	Penedos de São Pedro e São Paulo — Restricted area established	04/00
	83, 86	Brazil – Rio Pará and Os Estreitos — Pilotage	29/02

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	112	Baía de São Marcos — Anchorages	28/01
	128	Ponta Cajuais Northwards — Tanker Moorings	37/00
	139–140	Porto de Natal — Depths; anchorages; pilotage; directions	24/00
	167, 169	Porto de Salvador — Prohibited Anchorage	37/00
	187	Brazil E Coast — National Marine Parks	07/01
	189–190	Baía de Porto Segura — Wreck	39/00
	198	Terminal de Barra do Riacho — Leading lights	39/99
	248	Laje de Santos — Marine Park	21/00
	265–266	Itajaí — Pilotage boarding position	03/01
	286, 294	Montevideo — Anchorages	16/00
	306–310	Río de la Plata — Buoyage; Traffic regulations	08/01
	306–307, 317	Río de la Plata — Buoyage	14/01
	317–320, 322–324, 331	Río de la Plata, Río Uruguay and Río Paraná — Buoyage; Traffic regulations	08/01
	323	Uruguay – Puerto Carmelo — Changes to depths and channels	24/01
	345–346	Mar del Plata — Directions	12/00
	348	Puerto Quequén — Prohibited area; wreck	37/01
	348	Puerto Quequén — Wreck; buoyage	01/02
	351	Bahia Blanca – Canal Principal — Directions	42/99
	377–379	Caletas Cordova and Olivares — Amendments to berths and lights	37/01
	380–381	Puerto Comodoro Rivadavia — Port developments	47/99
	381–382	Caleta Olivia — Berths; anchorages; restricted areas	20/01
	382	Caleta Paula — New port, pilotage, anchorage and restricted areas	23–23/02
6	South America II		
	379, 381	Chile – Paso del Indio – Puerto Edén Southeastwards — Recommended anchorage	30/02
7	South America III		
	280–282	Peru – Puerto Ilo — Pilot boarding position, wreck, lights and directions	03/02
	298, 303	Callao — Traffic Separation Scheme	41/01
	315–317	Bahía Ferrol — Traffic Separation Scheme; positions	41/01
	318–321	Salaverry — Traffic Separation Scheme; wrecks, berths and anchorages	41/01
	322	Peru – Malabrigo — Dolphins; wreck	14/02
	323	Pacasmayo — Wreck	35/01
	327, 329	Peru – Paita and approaches — Wrecks	12/02
	330–333	Peru – Talara and approaches — Traffic separation scheme; anchorages; pier; directions	13/02
	343	Puerto Bolívar — Pilot boarding position; leading lights	02/02
	366, 367	Tumaco — Anchorage, approach channel buoyage and shoal	02/02
7A	South America IV		
	58	Trinidad – Gulf of Paria – North approaches — Production platform	09/02
	71	Point Fortin — Anchorage area established	08/00
	89	Puerto de Guiria — Light established	20/00
	106	Coppename Rivier — Bridge established	09/01
	107	Paramaribo — Bridge established	05/01
	113, 116	Approaches to Rivière de Cayenne and Fleuve Mahury — Anchorages	43/01
	115	Fleuve Mahury and approaches — Less water	47/01
	119	Morro del Puerto Santo — Light established	01/01
	132	Bahia de Pozuelos — Anchorages	39/99
	136	Puerto Jose — TAECJ Terminal	31/00
	155	Bonaire — Depths; anchoring prohibited	07/01
	157	Goto Oil Terminal — Leading lights discontinued	46/00
	159–160	SW Coast of Curaçao — Lights unlit	51/00
	168	NE Coast of Aruba — Lights unlit	51/00
	170	Lago Seaberths — Anchorage discontinued	12/01

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	176, 180	Golfo de Venezuela — Off-lying hazards	31/00
	184	Punta Palmas del Norte to Maracaibo — Overhead power cable established	42/00
	193	Puerto Bolivar — Anchorages	39/99
	194	Colombia, North Coast – Manaure — Major light; platforms; restricted area; pipeline	04/02
	205	Bahía de Cartagena — Colclinker Terminal	48/01
	207–208	Golfo de Morrosquillo – Tolú — Anchorages	49/01
	207	Coveñas Offshore Tanker Terminal — Berths; pilots; anchorages	26/01
	207	Coveñas Offshore Tanker Terminal — Anchorages	27/02
	223	Puerto de la Bahía de Las Minas — Shoal patch	17/00
	226	Panama – Manzanillo Bay — Pilotage	21/02
8	Pacific Coasts of Central America and United States		
	6, 235, 273	Santa Barbara Channel — Traffic Separation Scheme	13/02
	202	Caleta Santa María — Developments reported	13/02
	235, 281, 299	Recommended tracks	13/02
	297, 299	San Francisco Bay — Traffic Separation Scheme	13/02
	321, 415	San Francisco Bay — Restricted area removed	13/02
	353	Oregon – Rogue River Reef westwards — Submerged buoy	13/02
	376–377	Columbia River – Sand Island Southwards — Wreck	13/02
9	Antarctic		
	79–80	Île de la Possession — Anchorages	25/01
	80	Île de la Possession — Anchorage	31/00
	91–92	Îles Kerguelen — Directions; anchorages	08/01
	109	South Georgia — Prince Olav Harbour and approaches	15/98
	111	Stromness Harbour — Mooring buoy removed	01/02
	113	South Georgia — Mooring buoy	08/01
	113	Cobblers Cove — Anchorage	24/01
	114	Godthul — Presence of kelp	24/01
	114	Ocean Harbour — Anchorage	24/01
	115	South Georgia — Gold Harbour	15/98
	116	Larsen Harbour — Depth; anchorage	14/02
	117	King Haakon Bay — McNish Island	24/01
	133	South Shetland Islands – Elephant Island — Dangerous rock	21/02
	149	Antarctic Sound — Rock; discoloured water	04/00
	230	Antarctica — Refuge hut removed	20/01
	233	Antarctica — Protected areas	18/99
	233, 235, 239	Antarctica — Protected areas	42/98
10	Arctic I		
	82	Novaya Zemlya south-west coast — Restricted area	17/02
	145	Mys Zhelaniya — Light discontinued	46/99
	184	Gavan’ Dikson — Leading lights discontinued	47/00
	260–261	Poluostrov Parizhskoy Kommuny and Ostrov Domashniy — Nature reserves	14/01
	262	F’ord Matusevicha — Nature reserve	15/01
	263	Zaliv Akhmatova — Nature reserve	15/01
11	Arctic II		
	2	Svalbard — Use of charts	24/98
	79	Iceland – Vestmannaeyjar – Heimaey Northeastwards — Restricted area; anchorage deleted	22/02
	82	Grindavik — Approach	09/00
	105–106	Grundarfjörður — Light discontinued	09/01
	146	Vopnafjörður — Leading lights discontinued	46/99
	154	Húsavík — Leading lights established	46/99
	163	Sauðhárkrókur — Approach	12/99
	215	Svalbard – Duvefjorden — Rock	39/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
13	Australia I		
	5, 6	Australia — Radio pratique	10/02
	50	King George Sound – Seal Island — Dangerous wreck	06/02
	93	Franklin Harbour — Leading lights altered	37/01
14	Australia II		
	7–8	Australia — Radio pratique	22/02
	105–106	Port Phillip – Entrance channels — Directions	29/02
15	Australia III		
	3, 219	Whitsunday Passage — Compulsory pilotage	42/01
	7	Australia — Radio pratique	10/02
	76	Osprey Reef — Depths; hydrography	42/00
	87	Hawkesbury River — Directions	08/02
	94	Newcastle — Foul ground	01/02
	157	Approaches to Bundaberg — Wreck	44/00
	181–182, 185–187, 209, 211–213, 215, 219–221	Percy Isles to Nares Rock — Recommended route revoked	42/01
	206	Mackay — Leading lights altered	05/02
	246	Lucinda offshore berth — Obstruction	42/01
	252–253	Townsville — Pilot boarding ground	39/00
	296	Wharton Reef — Photograph	20/01
	374	Great North East Channel — Preferred route revoked	14/00
17	Australia V		
	8	Australia — Radio pratique	10/02
	184	Port Hedland — Pilotage	10/02
	192	Port Walcott — Pilot boarding point	13/02
	211	Onslow — Jetty; directions	06/02
18	Baltic I		
	87	Sweden W coast – Göteborg – Göta Älv — Channel depth	14/02
	183, 204	Denmark – København — Depths	29/02
	207	Denmark – Approaches to København — Kronløbet Lights altered	21/02
	222, 226, 228, 230–231	Sweden west coast – The Sound – Lernacken — Light discontinued	13/02
	238	Sweden – Trelleborg — Maximum authorised draught	27/02
	249–250, 270	Denmark – North of Fyns Hoved — DW route; buoyage	21/02
	327, 426, 433–434	Germany – Flensburger Förde — Falshöft Light discontinued	17/02
	407	Lolland south coast – Approaches to Guldborg Sund — Prohibited area	27/02
	464	Germany – Rostock — Maximum vessel length	13/02
	468	Germany and Denmark – Kadet Renden DW route — Shoal depth	27/02
	469	Germany and Denmark – Kadet Renden TSS — Buoyage	13/02
19	Baltic II		
	14	Estonia — Reporting requirements	44/99
	124	Åhus — Leading Lights	08/01
	185, 187	Sweden – Öland, north coast — Recommended track, authorised draught	04/00
	334–335, 338	Germany Baltic Coast – Prorer Wiek – Mukran Ferry Port — Directional light; leading lights discontinued	23/00
	352–354, 358, 363	Świnoujście to Szczecin — Vessel Traffic Service; Pilot boarding places	38/00
	403	Lithuania – Klaipėda — Channel Depth	17/00
	456	Appendix II — Polish Regulated Areas	33/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
20	Baltic III		
	3, 160, 165–167, 174, 177, 180, 183	Approaches to Kotka — Vessel Traffic Service	01/01
	3, 248	Approaches to Pori and Rauma — Vessel Traffic Service	09/01
	3, 268, 272, 278, 282, 294, 297, 300, 302, 308, 310, 315, 321, 326	Gulf of Bothnia – Finland — Vessel Traffic Service	02/02
	11, 113, 159, 167, 183, 197, 247, 256, 287	Finland – Gulf of Finland and Saaristomeri — Restricted areas	11/01
	73, 75, 194–195	Approaches to Primorsk — DW route; fairway; VTS; regulations	40/01
	119, 122, 124	Finland south–west coast – Hanko Approach Channels — Recommended routes	47/01
	115–116	Hanko to Bromarv — Authorised draught; anchorages	19/02
	153–154	Finland south coast – Helsinki to Porvoo – Inshore routes — Maximum authorised draughts	09/02
	157	Approaches to Porvoo — Recommended track	01/01
	173	Approaches to Keihässalmi — Authorised draughts	28/01
	200–202, 207–215, 218, 233	Saaristomeri — Maximum authorised draughts	13/01
	207–215, 218, 233	Saaristomeri — Maximum authorised draughts	07/02
	220	Finland – Saaristomeri – Nyhamn to Turku and Naantali — Temporary reduction of maximum authorised draughts	34/01
	251–252	Finland South–West Coast – Approaches to Uusikaupunki — Channel draughts; leading lines	15/01
	256, 259–261	Rauma and approaches – Valkeakari channel — Maximum authorised draught; leading lines	30/02
	259	Finland – Approaches to Rauma — Recommended track	29/02
	320	Approaches to Martinniemi — Recommended track depth	01/01
	427	Gulf of Bothnia – Nordmalingsfjärden — Recommended route	08/01
	451–453	Skelleftehamn — Buoyage; maximum authorised draught	14/02
	494–495	Appendix II — Finland – Restricted Areas	11/01
21	Bay of Bengal		
	53	India, East Coast – Tranquebar northwards — Tirukkadaiyur Port; harbour limit, SPM, submarine pipeline, chimney	11/02
	64	India, East Coast – Vishākhapatnam — Restricted area; anchorages	27/02
	74	Approaches to Hugli River — Wreck	43/01
	105–107	Myanmar (Burma) – Approaches to Rangoon River — Light–vessel; wreck	28/02
	159	South Andaman Island — Wreck	37/01
24	Black Sea		
	88	Izmit Körfezi — Pilotage	19/02
	128	Port P’ot’i, North–west approach route — Directions	29/01
	136	Burgas — Outer anchorages	15/02
	136	Burgas — Outer anchorages	04/02
	170–172	Port Odesa — North entrance discontinued	07/02
	198	Novorossiyskaya Bukhta — Offshore oil terminal	35/01
	199	Port Novorossiysk — Regulated Movement Area	37/01
	216	Kerchens’kyi Pivostriiv — Anchorages	35/01
	223–224	Port Mariupol’ and approaches — Channel depths	13/02
25	British Columbia I		
	107	Tacoma — Project depths in Blair Waterway	07/02
	227	Nanaimo — Seaplane harbour light	22/02
26	British Columbia II		
	4	Regulations — VTS reports	44/01
	11	Canadian Regulations — Pollution of the sea	39/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
27	Channel		
	3, 57, 60, 325	Off Casquets — Ship Movement Reporting System	22/01
	11	Regulations to prevent the spread of rabies	07/02
	66, 86, 90, 95, 112, 128, 136–137, 145–146, 151	Photographic credits	23/00
	69, 71–72	Scilly Isles — North Channel	09/02
	70	Saint Mary's Sound — Directions	04/02
	139	Torbay — Boarding area for Deep Sea Pilots	39/99
	153	Portland Harbour — Pilot boarding positions	26/01
	164	Poole Harbour — Fog Routine	39/99
	169, 172–173	Selsey Bill — Buoyage	28/00
	184	Lymington — Controlling depth	39/99
	214	Cowes — Directions for entering harbour	17/00
	326	Contentin Peninsula — Tidal Streams	49/01
	436–446	Appendix I — Dockyard Port Orders	01/01
	449–450	Appendix I — The Dockyard Port of Portsmouth Order, 1978	39/99
28	Dover Strait		
	11	Regulations to prevent the spread of rabies	07/02
	70	Shoreham to Newhaven — Directions	49/01
	124	Calais — Speed limits	33/00
	219–220, 225, 227–228	Thames Estuary — Channels; buoyage	30/02
	220, 247	Approaches to River Thames — Pilotage	12/02
	221, 247, 263	Sunk Precautionary Area — Vessel Traffic Service	12/02
	224, 228	Fisherman's Gat — Precautionary area; buoyage	51/00
	243–244, 247–250	Approaches to Harwich — Channel depth and buoyage	28/00
30	China Sea I		
	259	Urmston Road — Anchorage, pilot boarding position	05/02
	266	Guangzhou — Directions; vertical clearances	18/02
	283	Hong Kong – Chek Chue Wan (Stanley Bay) — Anchorage deleted	18/02
31	China Sea II		
	3, 122–123	Brunei — Firing areas	49/01
	4	Indonesia — Charted depths	49/01
	60	Borneo north-west coast — Wreck	14/02
	91	Sungai Sematan — Leading lights	13/02
	91–92	Sungai Santubong — Causeway	30/02
	93–94	Sungai Sarawak — Landmark; wreck; rock	49/01
	96	Sungai Sarawak — Overhead cables; bridge	30/02
	96	Kuching — Inner anchorages	49/01
	111	Bintulu — Port developments	30/02
	205, 207–208	Subic Bay — Light; shoal	01/02
32	China Sea III		
	76	Jiangjun Tou — Light	27/00
	77	Dongding Dao — Offshore wrecks	04/99
	80	Xiamen Gang — Prohibited areas	18/99
	81	Xiamen Gang — Bridge	39/99
	91	Dongyin Dao — Discoloured water	05/01
	94	Minjiang Kou — Directions	43/98
	98–100	Kao-hsiung Kang — Anchorages, wrecks	44/99
	99	Kao-hsiung Kang — Leading lights	15/01
	100	Kao-hsiung Kang — Arrival information	15/02
	100	Kao-hsiung Kang — Arrival information	29/02
	101	Yun-An LNG Terminal — Anchorage; Wave recorder removed	46/00
	103	P'Eng-hu Kang-tao — Wrecks	08/00
	107	Mai-liao Kung-yeh-kang	37/01

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	107	Mai-liao Kung-yeh-kang	08/02
	111	Approaches to Chi-Lung — Wreck	46/99
	126	Hua-lien Hsi	08/02
	133	Taishan Liedao — Depth; rocks	05/01
	142	Sanmen Wan Approach — Wreck	51/00
	144	Niubishan Shuidao — Wrecks	46/00
	148	Fodu Dao to Hsiao-yang-mao Yü — Wreck	46/00
	153	Jintang Shiudao — Prohibited anchorage, Wreck	09/99
	153	Ningbo Waigang — Restricted area	46/99
	154	Ningbo Gang — Anchorages; pilots	24/01
	154	Yong Jiang — Overhead power cables	44/00
	156	Lihou Yu — Light established	05/01
	161	Zhoushan Qundao — Wreck	37/00
	165	Zhoushan Qundao — Wreck	28/00
	170	Chang Jiang Approach — Light-vessels	31/00
	170	Chang Jiang Approach — Anchorage	42/00
	171	Changjiang Kou (Estuary) — Light	13/02
	179	Changshu — General information	36/98
	205	Jinghai Wan to Chengshan Jiǎo — Offshore wrecks	17/00
	211	Jiming Dao to Zhaobei Zui — Anchorage	05/01
	211–213	Weihai Gang — Entrances	05/01
	213	Weihai Gang — Anchorages; pilotage	05/01
	213	Weihai Gang — Directions	05/01
	215	Yantai Gang — Anchorages	12/99
	215	Yantai Gang — Anchorage; Restricted area	31/00
	216–217	Bohai Haixia — Quarantine anchorage; restricted area	20/00
	256	Sia Hae — Directions; wrecks	37/00
	257	Oedal To to Talli Do — Overhead cable	09/99
	258	Mokp'o Hang — Directions	13/02
	271	Kunsang Hang — Pilot boarding position	44/99
	282	Inch'on Hang Approach — Anchorages	44/00
	283	Inch'on Hang Approach — Wreck	30/00
	287	Asan Man and approach — Tangjin Hwaryok	44/00
	287	P'yŏngt'aek Hang — Pipeline, anchorage	49/99
	289	Tökhöck Kundo to Taech'öng Gundo — Routes	20/01
33	Philippine Islands		
	75–76	Puerto Princesa — Pilot boarding point; Quarantine anchorage	16/00
	115	Ligitan Channel and Ligitan Group — Depths	23/00
	119	Hand Rock — Depths	23/00
	148	Dapitan Bay — Pilot boarding point	47/00
	176	Batangas — Anchorages; fairway	16/00
	205	Bacolod — Anchorages; pilot boarding point	20/00
	263	Inamucan Bay — Pilot boarding point	47/00
	266	Port Ozamiz — Pilotage	47/00
	318	Surigao Strait — Local magnetic anomaly	23/00
34	Indonesia II		
	8	Indonesia — Charted depths	45/01
	10, 219	Timor — Prohibited area removed	24/00
	84, 86	Selat Surabaya — Pilotage	01/01
	92	Madura Oil Terminal northwards — Wreck	14/01
	234	North West coast of Timor — Landmark	31/00
	237	North coast of Timor — Landmark	31/00
	238	Dili — Depths; directions	31/00
	239	Kun — Leading lights	24/00
	263	Pulau Larilarian — Depth	37/00
	263	Gosong Takatulla — Depth	37/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	268	South Pulau Laut Coal Terminal	08/02
	270	Tanjung Dewa to Tanjung Aru — Directions	37/00
	278–279	Approaches to Muara Pegah — Restricted area	33/00
	283	Tanjung Bayur to Tanjung Sangata — Wreck	30/00
36	Indonesia I		
	6	Indonesia — Charted depths	45/01
	52	Sunda Strait — Oil platform	42/01
	60	Jawa, West Coast — Merak Mas Terminal	15/02
	82, 87	Beting Eka northwards — Wreck	46/00
	128	Sungai Palembang — Buoyage	44/00
	133, 135	Exspan Marine Terminal	28/01
	148	Inshore passage to Pangkalbalam — Wreck	48/00
	189	Sumatera, East Coast – Selat Temiang — Depth	27/02
	208, 226	Selat Berhala — Directions; wreck	12/00
	208	Tanjung Bakau — Wreck	09/01
	209	Channel NE of Pulau Berhala — Caution	14/01
	213	Tanjung Dato NE — Wreck	09/01
	215	Selat Durian — Wreck	30/01
37	West Coasts of England and Wales		
	6	Regulations to prevent the spread of rabies	07/02
	60	Wadebridge	05/02
	102	Cardiff – Wrach Channel — Directional Light	01/02
	107	River Usk — Leading lights	30/01
	210–213	River Dee Estuary — Mostyn Docks	48/01
	244	River Lune — Lights in line removed	12/00
	247	Barrow-in-Furness — Depths	04/00
	263–264	Whitehaven — Pilotage; Tidal stream; Directions	37/00
38	West Coast of India		
	230–231	India – Dābhol — Wreck	21/02
	239	India – Mumbai (Bombay) — Wreck	22/02
	249, 254, 261–262, 264	Gulf of Khambāt approaches – Malacca Banks and Grant Channel — Depths; recommended route	20/02
	254–255	Gulf of Khambāt approaches – Malacca Banks, Surat Roads and Sutherland Channel — Oil wells and platforms	20/02
	292, 301–302	Gulf of Kachchh – Navlakhi — Anchorage, pilotage	20/02
39	South Indian Ocean		
	240–1, 243	Victoria and approaches — VTS; anchorages; oil terminal	45/01
40	Irish Coast		
	68	Bantry Bay Oil Terminal — Principal mark	23–24/02
	96	Glandore Harbour — Directions	23–24/02
	184	Malahide Inlet — Directions for entry	23–24/02
	289–291	Foynes Harbour — Port limits; depths; berths	12/02
	290	Foynes Harbour — Leading lights	11/01
	418–419, 421–424	Lough Foyle — General Information	06/02
	420–421	Lough Foyle — Directions	14/01
41	Japan I		
	64	Amaga Seto — Overhead cables removed	37/00
	101	Maizuru Kō — Bridge	09/99
	133–134	Niigata Kō — Shōwa Sekiyū Seaberth	32/99
	149	Akita Oil Storage East — Leading lights	11/01
	182	Onahama Kō — Breakwaters	04/99
	266	Muroran — Leading lights discontinued	18/99
	344–5	Ostrov Paramushir — Lights discontinued	18/99
	348	Ostrov Atlasova — Light discontinued	18/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	349–351	Vtoroy Kuril'skiy Proliv — Lights discontinued	18/99
	351	Vtoroy Kuril'skiy Proliv — Anchorages	18/99
42A	Japan II		
	80	Okinawa Shima – Nagakusuku Wan — Pilotage	06/02
	80	Okinawa Shima – Nagakusuku Wan — Pilotage	30/02
	134	Sasebo approaches – Kuro Shima southwards — Dangerous wreck	12/02
42B	Japan III		
	201	Kôbe Kô – Rokkô Island Westwards — Beacons; Leading line deleted	30/02
43	South and East Coasts of Korea, East Coast of Siberia and Sea of Okhotsk		
	79	Hoenggan Sudo — Overhead power cable	45/01
	80	Jangjing No — Overhead Power Cable	17/00
	86	Seo Sudo — Overhead power cable	45/01
	90	Korea – Yeosu Hang — Pilot boarding points moved	12/02
	97	Korea – Hanodaedo — Power transmission line	12/02
	98	Korea – Yulpo Mal eastwards – An Do — Power transmission line	12/02
	109	Korea – Budo Suido southwestwards – Sili Do — Power transmission line	12/02
	114	Approaches to Pusan — Wreck	49/99
	116–118	Pusan — Anchorages	49/99
	121	Suyeong Man — Dangers; bridge	13/01
	124	Ulsan — SBM's; anchorages	20/01
	130	P'ohang New Harbour — Leading lights	03/02
	138	Tonghae — Anchorages	13/01
	138–139	Muk'o — Breakwaters; pilotage; anchorages	18/01
	139	Muk'o to Chöngdongjin — Anchorage	13/01
	189	Zaliv Amurskiy — Measured distance	08/01
	191–193	Proliv Bosfor Vostochnyy — Leading lights; prohibited areas; prohibited anchorages	08/01
	191	Ostrov Skrypleva — Reef	08/01
	191	Poluostrov Zhitkova — Foul ground	08/01
	192	Bukhta Ayaks — Buoyage	08/01
	192	Vladivostok – Proliv Bosfor Vostochnyy — Leading lights deleted	18/02
	193	Proliv Bosfor Vostochnyy — Passage	08/01
	194	Bukhta Zolotoy Rog — Leading lights; cable; anchorage	08/01
	240–241, 340–343	Gulf of Tartary – De Kastri — Anchorage, Tanker berth, Restricted area	02/02
	253	Portovyy Punkt Shakhtërsk — Wreck deleted	01/02
	289	Vityaz Marine Terminal	06/02
	Supplement 65	Ussuriyskiy Zaliv — Restricted area discontinued	16/00
44	Malacca Strait and West Coast of Sumatera		
	3	Indonesia — Charted depths	45/01
	50	Pulau Perak — Light	28/02
	51, 53	Permatang Sedepa (One Fathom Bank) — New lighthouse established; marks; directions	51/00
	54	One Fathom Bank to Gosong Raleigh — Wreck	34/01
	80	Tanjung Jambuaair to Ujung Peureulak — Directions	28/02
	127	Approaches to Phuket — Wreck	17/00
	210	Batu Berhanti to north–west of Tanjung Babi — directions	14/02
	221–262	Singapore — Anchorages; fairways; restricted area	06/01
	221–262	Singapore — Charting; anchorages; fairways; directions; topography	43/01
	221–262	Singapore — Restricted areas	45/01
	221–262	Singapore — Channel closure	12/01
	267	Malaysia – Johor — New port established	40/00
	286	Pulau Simeulue Tjut — Light	08/00
	311	Ujung Nasisatangkus to Ujung Kareueng — Directions	08/00
	385	Kampung Semblat to Pulau Tikus — Directions	22/02

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
45	Mediterranean I		
	58	Málaga — Anchorages	15/01
	68	Cartagena — Anchorages	21/00
	72	Alicante — Anchorages; reclamation	16/00
	77	Golfo de Valencia — Wreck	16/00
	78	Valencia — Pilot boarding area, buoyage	16/99
	80–81	Puerto del Grao de Castellón de la Plana — Pilotage, prohibited area and anchorages	42/99
	85	Golfo de San Jorge — Artificial reefs	37/01
	100–102, 106	Ibiza and Formentera — Marine Reserve; Artificial reefs	29/01
	128	Melilla — Anchorages	16/00
	136	Port of Arzew — Pilotage	49/99
	169	Bancs Kerkenah — Wreck	32/99
	169	Approaches to Sfax — Gas pipeline	23/00
	172	Baie de la Skhirra — Prohibited anchorage area	44/99
	179	Isola di Lampedusa — Marine farm; Buoy; Recommended anchorage	18/99
	181	The Maltese Islands — Restricted areas	37/01
	190	Isole Ègadi — Marine Nature Reserve	13/99
	191, 194, 204	Trapani — Traffic Separation Scheme; anchorages; historic wrecks	49/01
	201	Marina di Regusa — Fiume Irminio Nature Reserve	49/99
	208	Porticello — Anchor berths	12/99
	214	Isola Filicudi — Sector Light	08/00
	215	Isola Lipari — Depth	20/00
	217	Isola Panaria — Obstruction	49/99
	220–221	Messina — Anchorages	26/01
	231	Porto di Catania – Molo di Levante — Wreck	30/99
	234	Baia di Santa Panagia — Regulations	05/02
	240	Porto di Vibo Valentia Marina — Anchorages	33/00
	243	Porto di Gioia Tauro — Anchorage, restricted area, and approach channel	40/99
	245	Capo dell’ Armi — Wreck; restricted area	44/00
	246	Cape Spartivento — Prohibited area	04/00
	253	Crotone — Wrecks	02/02
	258	Approaches to Taranto — Outfall	20/00
46	Mediterranean II		
	39	Cap Leucate — Obstruction	15/01
	41	Cap d’Agde — Anchorage; foul ground	03/01
	45	Grau d’Orgon — Leading lights discontinued	32/99
	64	Golfe de Giens — Prohibited area	18/99
	75	Saint Tropez — Restricted area; Anchorage discontinued	40/00
	87	France, South Coast – Beaulieu-sur-Mer — Beacons	30/02
	87	Monaco — Restricted areas	24/00
	105	Corse — Wreck; restricted area	42/00
	107	Corse – South Coast – Écueil d’Olmato — Directions	23–24/02
	107	Bonifacio Strait — Routeing	45/98
	108	Bonifacio — Restricted area	16/99
	116	Rada di la Maddalena — Leading lights	20/99
	120	Tavolara–Punta Coda Cavallo — Marine Nature Reserve	31/98
	125	Golfo dell’Asinara – South–East shore — Rocks	26/02
	126	Italy – Sardegna – Porto Torres — Anchorages; Restricted areas	29/02
	130	Isolotto Mal di Ventre — Anchorage discontinued	30/00
	130	Capo San Marco — Marine Nature Reserve	31/98
	131	Sardinia – Canale di San Pietro — Wreck; restricted area	07/01
	133	Sardegna – Isola di San Pietro eastwards — Restricted area	27/02
	136	Sardegna – Porto Teulada — Light	19/02

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	137–138	Golfo di Cagliari – Sarroch and Cagliari — Routeing; anchorages; pilotage; marine nature reserve; regulated areas; port developments	13/01
	141	Gulf of Genoa – San Remo — Approach Channel	19/02
	144	Alassio — Submerged barrier	20/00
	150	Italy – Port of Genova — Controlled Area	25/02
	154–156	Portofino — Marine Nature Reserve	02/99
	159	Cinque Terre Marine Nature Reserve	31/98
	161	La Spezia — Recommended approach routes	05/01
	166, 169–171	Livorno — Traffic Separation Scheme; obstructions; directions; regulations	25/01
	170	Livorno — Pilotage; regulations	32/01
	193	Civitavecchia north–west — Platform; submarine pipeline; restricted areas	22/01
	193	Civitavecchia — Traffic Separation Scheme; Precautionary Area; Inshore traffic zone; Anchorage areas	04/02
	195	Fiumicino — Wreck	01/02
	195	Fiumicino approaches — Wreck	37/00
	195–196	Fiumicino — Traffic zones	50/98
	200	Italy, West Coast – Terracina — Wreck; restricted area	28/02
	201	Italy, West Coast – Approaches to Rada di Gaeta – Promontorio di Monte Orlando Southwards — Nature Reserve	28/02
	201–202	Gaeta and Formia — Anchorages	30/99
	207	Islands of Ventotene and San Stefano Marine Nature Reserve	31/98
	214	Italy west coast – Miseno — Lighted beacon tower; restricted areas	18/02
	216	Isotto di Nisida — Prohibited area	03/02
	217–219	Rada di Napoli	47/98
	224	Punta Campanella Marine Nature Reserve	31/98
	229	Approaches to Salerno — Breakwater	08/00
47	Mediterranean III		
	2, 396	Areas dangerous due to mines	10/02
	2, 167, 183	Montenegro – Boka Kotorska — Mined areas	22/01
	55	Marine exploitation	05/01
	55	Route for Riječki Zaliv and Gulf of Trieste	06/02
	55	Route for Gulf of Venice	06/02
	55	Route for Gulf of Venice	05/01
	79	Limín Zakínthou — Prohibited anchorage	06/02
	109	Passage directions from Ákra Yirápetra to Ákra Mítikas	06/02
	157	Albania – Gjiri i Sarandës — Rock	06/02
	177	Yugoslavia – Luka Bar — Pilotage	04/02
	429	Bašćanska Draga — Anchorage	31/00
	488	Brindisi — Vessel Traffic Service	39/00
	500	Adriatic Sea – Giovinazzo northeastwards — Marine farm	18/02
	509	Porto di Manfredinia — Offshore fertiliser terminal deleted	06/02
	540	Approaches to Ancona – TSS — Obstruction	04/00
	556	Adriatic Sea – Ravenna southeastwards — Light beacons deleted	18/02
	561	Ravenna eastnortheastwards — Production platform	26/01
	584	Approaches to Venezia – Porto di Lido eastwards — Obstruction	02/02
48	Mediterranean IV		
	207	Approaches to Órmos Paroikías — Wreck	27/01
	320	Nótiós Evvoikós Kólpós — Wreck	09/01
	445, 448	İzmir — Landmarks; directions	09/01
	485–486	Alexandroúpolis — Port development	07/01
	486	Alexandroúpolis — Port development	01/02
49	Mediterranean V		
	68	Al Khums — Port information	27/01
	113	El Dikheila — New jetty	42/01

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	118	Abu Qîr — Directions	30/00
	118	Abu Qîr — Leading lights	26/01
	119–120, 243–244	Approaches to Mîna' Dumyât and Bûr Sa'îd — Traffic Separation Schemes	42/01
	120	Râs Umm El-Nabâyil to Bûr Sa'îd — Directions	48/00
	163–164	Antalya — Port limits; anchorages	27/00
	178	Ceyhan Limanı — Pilot boarding place	09/01
	191	Limassol — Anchorages; Pilot boarding position	05/01
	201	Gastria Bay — Oil berths	46/00
50	Newfoundland and Labrador		
	2	Regulations — VTS reports	44/01
	67	Grand Banks of Newfoundland – Lamb Rock — Light–buoy	10/02
52	North Coast of Scotland		
	7	Regulations to prevent the spread of rabies	07/02
	220	Hoo Stack — Dangerous rock	28/01
	274	Føroyar – Eysturoy — Selatrað	33/00
	276	Føroyar – Passage East of Nólsoy and Eysturoy — Directions	33/00
54	North Sea (West)		
	6	Regulations to prevent the spread of rabies	07/02
	165–168	Approaches to River Humber — Routeing	22/01
	197, 198–199, 232–234, 236–237	The Wash – King's Lynn – Approach channel changed — Cork Hole	22/02
	203–205	Great Yarmouth northwards – Other navigational aids — Racon	18/02
	206	Great Yarmouth — Britannia Pier	17/02
55	North Sea (East)		
	7, 88–89	Den Helder — Pilotage	17/02
	8, 67, 113, 141, 157, 198	German Bight pilotage — Boarding positions and arrangements	24/01
	66	Deep Water Route via DR1 Light–buoy — Depths	07/01
	91	Approaches to Den Helder — Molengat Leading Lights discontinued	23/00
56	Norway I		
	11, 118, 131–134, 140–141, 143	Norway south coast – Oslofjorden — Precautionary area and recommended direction of traffic	08/02
	72	Tromøysundet — Vertical clearance	48/01
	193	Brofjorden — Pilot boarding place	27/00
57A	Norway IIA		
	6, 136, 152	Firing practice areas	10/02
	8	Pilotage	47/00
	73	Sirevåg — Light discontinued	48/00
	73–74	Jærens Rev — Beacon and mast	31/00
	74	Obrestad — Leading line	51/00
	97	Hjelmelandsfjorden – Dyneneset — Anchorage deleted	13/02
	129	Skorpesund – Flatholmen — Overhead cable	07/02
	130	Onarheimsfjorden — Submarine cable; anchorages deleted	09/02
	131	Hardangerfjorden – Bondesund — Overhead cables	23–24/02
	131, 133	Øynefjorden and Hissfjorden — Overhead cables	46/01
	132	Hardangerfjorden – Hissfjorden — Submarine cables; anchorage deleted	17/02
	140–141	Håpollen and Flæet – Marine farms — Anchorages deleted	06/02
	141	Otterøy to Stokkbleikjene — Bridges	30/00
	170	Troll Gas Field — Surveillance Service	26/01
	171	Osundet — Leading lights established	19/02
	186	Astveitvågen — Anchorages deleted	26/01
	190	Kallestadsundet — Bridge	09/01

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	191	Osterfjorden – Hjelmåsvågen — Submarine pipelines; Anchorages deleted	30/02
	191	Fotlandsvåg — Anchorage discontinued; pipeline	09/01
	198	Masfjorden — Cable ferry; Precautionary area	10/02
	202	Sognefjorden – Høyanger — Anchorage; submarine cable	05/02
	235	Frøysjøen – Kalvåg — Recommended anchorage deleted, submarine cable	03/02
	242	Rugsundet — Bridge established	09/02
57B	Norway IIB		
	5	Dangerous or pollutant cargoes — Regulations	42/99
	45	Sandsfjorden — Leading lights discontinued	44/00
	53	Sykklvsfjorden — Bridge established	15/01
	69–70	Nørvøya north coast – Flatholmen — Leading lights deleted	19/02
	81	Rødsøyvågen — Anchorage discontinued	48/99
	92	Eikremsbukta — Anchorage discontinued	48/99
	103	Ekkilsøy – Auksundet — Marine farm established, anchorage deleted	25/02
	152	Trondheimsfjorden – Hasselvika — Restricted area	16/02
	159	Åsenfjorden — Submarine pipeline; anchorage deleted	26/02
	160	Trondheimsfjorden – Fåneshamn — Submarine pipeline; anchorage	26/02
	202	Stokksundset — Bridge established	11/01
	218	Rørvik — Anchorages discontinued	46/99
	219	Krigsborgtaren — Anchorage	46/99
	224	Einvikråsa — Overhead cables	44/01
	229	Spillum Harbour — Leading lights established	14/01
	233	Seierstadfjorden — Overhead cable	01/02
	236	Oppløyfjorden — Overhead cables	51/01
	240	Komlandsholmen — Light discontinued	44/01
58A	Norway IIIA		
	89	Årsetfjorden — Anchorage	38/00
	106	Sørvika — Anchorages deleted	26/01
	169	Ytre Sundan — Anchorage deleted	24/01
	186	Sørværøya — Anchorage deleted	24/01
	215	Langvågpollen — Leading lights discontinued	32/01
	221	Narvik – Ore Quays 3 and 4 — Leading lights deleted	14/02
	243	Stamsund — Anchorage deleted	05/02
	252, 254	Kabelvåg Light — Sectors changed	37/01
	258	Galgeholmen Light — Sectors changed	37/01
	258–259	Skrova — Anchorages; shoal	12/01
	290	Langøya — Landmark	38/00
58B	Norway IIIB		
	112	Vengsøyfjorden – Kaldfjorden — Submarine pipelines; anchorages	28/02
59	Nova Scotia and Bay of Fundy		
	8	Regulations — VTS reports	44/01
	80	Beaver Harbour — Anchorage deleted	24/01
	175	Saint John — Outer anchorages	18/02
	182	Annapolis Basin — Disused lighthouse	37/01
	225–226	Hantsport — Pilotage; directions; lights	35/01
60	Pacific Islands I		
	8, 335	Kosrae Island — Okat Port	44/01
	59	Soloman Islands – Guadalcanal South Coast — Hostile actions	23–24/02
	77	Lengo and Sealark Channels — Depth	37/01
	77–78	East approaches to Honiara — Wreck	27/01
	77	Sealark Reef — Wreck	30/01
	79	Honiara and Lungga Roads — Wreck	33/01

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	118	Soloman Islands – Santa Isabel Island – Durour Ridge westwards — Rock	10/02
	185, 188	Papua New Guinea — Depths	29/01
61	Pacific Islands II		
	24, 203	Fiji – Great Astrolabe Reef Eastwards — Volcanic Activity	01/02
	99	Nouvelle-Calédonie – Passe de Poum — Leading line	08/02
	316	Fiji Islands – Viti Levu Northwestwards – Balmoral Reef Southwestwards — Shoal depth	33/01
	345	Tonga – Vava’u Group north–westwards — Volcanic activity	08/02
	402	Butaritari Atoll — Directions	48/01
62	Pacific Islands III		
	9, 207, 222, 244, 268, 305	Hawaiian Islands Humpback Whale National Marine Sanctuary	27/01
	75–76	Directions for Vinapú oil terminal berth	46/00
	87	Île Tubuaï — Passe Tè Ara Moana	03/01
	99–100	Palmerston Atoll — Physical features; anchorages	49/01
	107	Temoe — Outlying dangers	45/01
	113	Passe Kaki — Flow	26/01
	113	Hao lagoon — Directions	01/02
	116	Passe Tiritepakau — Leading lights; depths	01/01
	134–135, 137	Port de Papeete — Restricted areas	27/01
	170	Polynésie Française – Tahaa – Baie Hurepiti — Marine farms; anchorage	20/02
	173	Bora–Bora — Prohibited anchorages	39/99
	176	Manuae — Breakers	27/01
	178	Banc Lawson and Banc Clark — Depths	20/01
	189	Îles Marquises — Rock	44/00
	189	Motu One	44/00
	200	Christmas Island – Port London (Kiritimati) — Berths	13/02
63	Persian Gulf		
	23	Tidal height predictions	16/02
	129–131	Jazīreh–Ye Khārk — Lights, berths, marks	45/01
	144	Dubayy – Mīnā’ Rashid — Wrecks	07/02
	156	Abū Dhabi (Abū Ḥābī) – Jazīrat Dās — Pilotage	12/02
	171	Qatar – Musay’īd (Umm Said) — Pilot boarding point	03/02
	172, 173	Qatar – Musay’īd (Umm Said) — New approach channel	10/02
	209	Mīnā’ az Zawr (Mīnā’ Saud) Oil Terminal — Anchorage; Pilot boarding point; SBM	11/02
	210–211	Mīnā’ ‘Abd Allāh — Oil Terminal	48/01
	210	Mīnā’ ‘Abd Allāh — Wreck	45/01
	226	Umm Qaşr — Caution; pilotage	45/01
64	Red Sea and Gulf of Aden		
	2, 263	Somalia — Piracy and armed robbery	26/02
	64	Suez Canal — Height restriction	31/00
	74	Gulf of Suez — Wreck	26/00
	83	Rās Shukheir Oil Terminal — Pilotage	39/00
	103	Ḥanīsh al Kubrá Westward — Depths	16/00
	104	Avocet Rock — Caution	45/98
	112	Safaga — Leading light; buoyage; light–buoys	24/00
	112	Safaga — Light–buoy; radar beacon	51/00
	117–118	Berenice — Leading lights	34/01
	134	Port Sudan — Bashayer Oil Terminal	49/99
	187	Approaches to Rābigh — Pilot boarding position	14/00
	206	Farasān Bank — Coral reef	30/01
	227	Al Mukhā — Wreck	11/01

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	233–234	Aden — Pilots; port limits	33/01
	250	Port Salalah (Mīnā Raysūt) — Anchorage areas	02/02
	256	Khalīj Maṣīrah — Depth; less water	45/01
	256	Al Maṣīrah — Wreck	28/00
	267	Djibouti — Less water reported	10/02
	283	Somalia – Caluula (Alula) — Less water reported	17/02
	287	‘Abd al Kūrī — Depth	23/00
65	St Lawrence		
	3	Regulations — VTS reports	44/01
	5	Radio facilities — Omega discontinued	46/00
	8	Distress messages — GMDSS	46/00
	154	Chenal du Nord — Directions	30/01
	181	Québec — Leading lights discontinued	23/00
	300	Malpeque Bay — Leading lights discontinued	09/01
	351	Miramichi Bay — Leading lights discontinued	05/01
	382	Campbellton — Bridge	01/01
66	West Coast of Scotland		
	7	Regulations to prevent the spread of rabies	07/02
	68–69	Troon — Ro–Ro terminal	41/01
	86, 90, 460	Holy Loch — Cessation of Dockyard Port Status	18/02
	370	Sound of Barra — Causeway	42/01
67	West Coasts of Spain and Portugal		
	2, 50, 217	Fishing — Offshore fishing	42/00
	149, 155–156	Rio Tejo — Approach Light–buoy	51/00
68	East Coast of the United States I		
	100–101	Portsmouth Harbor — Under–keel clearances; mooring master; hazard	03/02
	159	Narragansett Bay — Security Broadcast System	03/02
	175, 188, 190, 192	Long Island Sound — Pilotage	25/02
	239	Code of Federal Regulations — Notices of Arrival and Departure	51/01
69	East Coast of the United States II		
	60, 238–239, 242, 246	Charleston Harbor and approaches — Buoyage	01/02
	82	Delaware Bay — Fortescue Creek Direction Light discontinued	13/02
	134	Skiffes Creek — Light discontinued; directions	37/00
	152, 175	Chesapeake Bay — Restricted Area	03/01
	203	Chesapeake Bay – Tolchester Channel — Leading Lights	11/02
	229	Cape Fear River – Big Island Channel — Leading Lights	33/01
	233	Winyah Bay — Anchorage	01/01
	243	Charleston Harbor — Folly Reach Leading lights discontinued	10/02
	245	Charleston Harbor – Ashley River — Wreck	27/00
	247	Charleston to Braddock Point — Directions	27/00
	263	Sapelo Sound — Depths	34/01
	296	Code of Federal Regulations — Notices of Arrival and Departure	42/01
69A	East Coasts of Central America and Gulf of Mexico		
	55	Isla de Providencia — Directions; anchorages	29/01
	65	Trinidad – Port of Spain – Grier Channel — Pilotage; dredged channel	19/02
	88–89	Puerto Cortés — Controlling depth; directions	19/02
	93	Guatemala – Puerto Barrios — Maximum draught	28/02
	107	Bahia Mujeres — Anchorage; prohibited areas	26/00
	111–112	Progreso — Pilots; directions; caution	20/01
	145, 147	Rio Grande to Aransas Pass — Light discontinued	26/00
	166	Sabine Pass Approaches — Fairway anchorages	11/01
	189	Approaches to Mississippi River – South Pass – Fairway anchorage — Well marked by light–buoy	06/02
	190	Gulf of Mexico – Apalachee Bay southwards — Exercise area	18/02

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
	206	Tampa Bay to Lighthouse Point — Directions	32/01
	211	Florida – St Joseph Bay — Leading lights and line deleted	25/02
	220–221	Alabama – Mobile Ship Channel – Arlington Channel — Additional leading lights	08/02
	237	Code of Federal Regulations — Notices of Arrival and Departure	42/01
71	West Indies II		
	6, 68–69	Dominican Republic – Regulations — Anchorages	14/02
	115	Saint Thomas Harbor — Fish havens	02/02
	116	US Virgin Islands – Saint Thomas — Pilotage	46/00
	133	Limetree Bay — Pilotage	15/01
	133	Limetree Bay — Pilotage	15/01
	191–192	Bahía de Ponce — Obstructions, wreck	02/02
	204	Anguilla — Shoal	30/01
	212	Groot Baai — Pilot boarding position	07/02
	213	Approaches to Groot Baai — Wreck	47/00
	213	Approaches to Groot Baai — Wreck	30/01
	297	Martinique – Fort de France — Submarine cable	07/01
	333, 37, 359	Grenadines – Ronde Island westward — Submarine volcano	17/02
	385	Code of Federal Regulations — Notices of Arrival and Departure	42/01
72	Southern Barents Sea and Beloye More		
	3	Barents Sea and Beloye More (White Sea) — Reporting system	03/02
	60	Kol'skiy Zaliv — Regulated areas	07/01
	66	Guba Kulonga — Anchorages	14/01
	67	Port Murmansk — Prohibited anchorage	07/01
	69	Port Murmansk — Anchorages	14/01
	74	Mys Teriberskiy Eastnortheastwards — Area dangerous to navigation	08/02
	79	Guba Drozdovka — Leading lights discontinued	46/00
	83	Mys Svyatoy Nos northwards — Unexploded ordnance	08/02
	86	Mys Svyatoy Nos to Mys Ostrava Ludka — Regulated areas	33/00
	88	Proliv Orlovskaya Salma — Regulated areas	33/00
	98–99	South–West part of Gorlo — Regulated areas	33/00
	101	Approaches to Arkhangel'sk — Regulated areas	33/00
	105	Dvinskiy Zaliv — Anchorage	24/01
	115	Approaches to Onezhskiy Zaliv — Regulated areas	33/00
	121	Approaches to Port Onega — Regulated areas	33/00
	131	Kashkarantsy — Leading lights discontinued	42/00
	144	Bugrino — Leading lights discontinued	46/00
	153, 155	APPENDIX I — Russian Regulated Areas	33/00
	154	APPENDIX I — Russian Regulated Areas	07/01
	157	APPENDIX II — Former Mined Areas	33/00
100 and 100(M)	The Mariner's Handbook		
	103	Typical paths of Tropical Storms	08/00
	189	Region B — Examples of buoyage	28/00
136	Ocean Passages for the World		
	v, vi	Contents — Amendments	48/88
	9/10	World Predominant Surface Current Distribution Diagrams	43/88
	Diagram 1.26	Load Line Regulations 1998	16/99
	117–118	Main Route through South China Sea — Amendment	51/01
	119	South China Sea — Recommended routes	51/01

(HA. 905/008/001/14)

[31/02]

IVA

AMENDMENTS TO FISHERMAN'S PILOT NP 150

Section 2

Admiralty List of Lights

Page 2-62

~~2272~~ ·2	- Pier	52 19·8 1 41·3	2F G(vert)	4	... Green $\triangle$ on green beacon	
		*				
~~2654~~	- No 25	54 35·3 1 11·4	Fl(2)G 5s	4	3 White pedestal, black stripes, on dolphin 2	Fl G 2s (P) July 2002
						*
~~2664~~	- Old Pier. Head	54 41·6 1 11·1	Q WG	13	7 White wooden framework tower, red bands 12	W317°-325°(8°), G325°-317°(352°). Fl WG 3s (P) June 2002
						*
~~2664~~ ·6	- Middleton Beacon	54 41·6 1 11·3	Q R	11	6 Metal tower	Fl R 3s (P) June 2002
						*

31/02

IVA

AMENDMENTS TO FISHERMAN'S PILOT NP 151

Section 2

Admiralty List of Lights

Page 2-110

~~3828~~ 6	--- Elbow	60 45.5 0 50.3	Oc WRG 10s	5	2	Metal post	G272°-282°(10°), W282°-287°(5°), R287°-297°(10°), Obscured 297°-272°(335°)
*	*	*	*	*	*	*	*
~~4237~~	- Carragh an t'Sruith (N)	55 52.3 6 05.8	Fl WG 3s	8	W 9 G 6	White tower 5	fl 0.3, ec 2.7. W354°-078°(84°), G078°-170°(92°), W170°-185°(15°)
							*

31/02

IVA

AMENDMENTS TO FISHERMAN'S PILOT NP 152

Section 2

Admiralty List of Lights

Page 2-95

4299-5	--- Off SW side	55 52-0 5 24-4	VQ G	...	...	Perch	<i>fl 0-5</i>
*	*	*	*	*	*	*	*
4872	Shell Flats. Meteorological Mast 1	53 51-6 3 17-6	F R	51	...	Metal lattice framework mast on yellow pile 62	
--		...	F R	30	...	...	1 on each side of mast
--		...	Fl Y 2-5s	11	...	...	1 on each side of mast, synchronized
*	*	*	*	*	*	*	*
4872-5	- Meteorological Mast 2	53 52-4 3 12-1	F R	81	...	Metal lattice framework mast on yellow pile 92	
--		...	F R	46	...	...	1 on each side of mast
--		...	Fl Y 2-5s	11	...	...	1 on each side of mast, synchronized
*	*	*	*	*	*	*	*
4929-3	- Church Tower (RCC)	53 44-3 2 59-3	Iso W 6s	29	6	...	Vis 046°-086°(40°). <i>See A4928</i>
					*		
4965	- Ro Ro Terminal Wharf	53 24-5 3 00-8	F WR	5	9	...	R183°-198°(15°), W198°-333°(135°)
--		...	<i>By day</i>	...	1		
-- S Dolphin		...	3 F G	...	...	...	In form of ▽
-- Pontoon Links Span. S corner		...	2 F G(vert)				
--- Centre		...	Gong 5s	...	...	...	<i>1 stroke every 5s</i>
--- N corner		...	2 F G(vert)				
-- N Dolphin		...	3 F G	...	...	...	In form of ▽
---		...	Horn(2) 10s	...	...	...	<i>bl 2, si 1, bl 2, si 5</i> *
5146	- Beaumaris. Pier	53 15-7 4 05-4	F WG	5	6	Mast 4	G212°-286°(74°), W286°-041°(115°), G041°-071°(30°) *
5717	<i>Remove Fog Signal</i>						
5755	<i>Remove from List</i>						
5755-1	<i>Remove from List</i>						
5768	<i>Remove from List</i>						
5913-62	- Big Stone	53 43-5 6 15-1	Q R	10	3	Red □ on timber pile	Tide gauge
				*			
5913-75	- Gauge	53 43-5 6 15-0	Q G	10	3	Green △ on timber pile	
				*			

IVA

5914-3	- Carrick	53 43-8 6 15-4	Fl R 3s	10	3	Red □ on timber pile	
					*		
5915-2	- Barrel	53 43-9 6 16-0	Fl R 2s	10	3	Red □ on timber pile	
					*		
5916-4	- Mornington Pier	53 43-4 6 17-1	Fl R 2s	10	3	Red □ on timber pile	
					*		
5916-6	- Queens Boro	53 43-5 6 17-1	Q G	10	3	Green △ on timber pile	
					*		
5966	<i>South Rock Lt F</i> (I)	54 24-5 5 22-0	Fl(3)R 30s	12	20	Red hull superstructure and light tower, white mast on foredeck, white SOUTH ROCK on side	<i>(fl 0-4, ec 4-6) x 2, fl 0-4, ec 19-6.</i> Shown 24 hours. Racon. Fog Det Lt VQ W narrow beam at 10m. Replaced by porthand HFPB Fl(3)R 30s 8M. Racon. (T) August-September 2002
	-	...	Horn(3) 45s	...	...	...	<i>(bl 1-5, si 2-5) x 2, bl 1-5, si 35-5.</i> Whistle (T) August-September 2002
							*
6093	- Magilligan Ferry Terminal. Jetty	55 11-5 6 58-0	2 F R(ver)	4	2	On jetty	2m apart
						3	
							*
6200-1	- West Town. Ldg Lts. Front	55 15-9 8 13-5	Iso W 2s	9	7	△ on yellow structure, red stripe	
						4	
*	*	*	*	*	*	*	*
6200-11	--- Rear	55 15-9 8 13-5	Iso W 2s	11	7	▽ on yellow structure, red stripe	Synchronized with front.
						4	
*	*	*	*	*	*	*	*
6200-2	-- Pier Head	55 15-8 8 13-6	Fl R 3s	5	2		<i>fl 0-3, ec 2-7.</i>
						1	
*	*	*	*	*	*	*	*
6266	Broadhaven. Gubacashel Point (I)	54 16-0 9 53-3	Iso WR 4s	27	W 17 R 12	White tower	R110°-133°(23°), W133°-355°(222°), R355°-021°(26°)
	*				*	15	*
6272-31	-Saleen Pier. Ldg Lts 319°. Front	54 11-5 10 02-3	Oc W 4s	4	5		(P) 2002
						2	
*	*	*	*	*	*	*	*
6272-311	--- Rear	54 11-6 10 02-4	Oc W 4s	10	5		Synchronized with front. (P) 2002
						8	
*	*	*	*	*	*	*	*

IVA

6272:32	---	54 11:5	2 F G(ver)	6	2		(P) 2002
		10 02:3				4	
*	*	*	*	*	*	*	*

31/02

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2002/03. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

2654	- No 25	54 35·3 Fl G 2s 1 11·4	4	3	White pedestal, black stripes, on dolphin 2	
		*				*
4226	- Ruadh Sgeir (N)	56 04·3 Fl W 6s 5 39·7	13	8	White round tower 2	<i>fl 0·5. Fl W 6s 5M shown from scaffold tower (T) August 2002</i>
						*
4242	Eilean a Chùirn (N)	55 40·1 Fl(3)W 18s 6 01·2	26	8	White beacon 5	<i>(fl 0·3, ec 1·7) x 2, fl 0·3, ec 13·7.</i> Obscured when bearing more than 040°
		*			*	*
5168	The Skerries (TH)	53 25·3 Fl(2)W 10s 4 36·5	36	22	White round tower, red band 23	<i>fl 0·3, ec 2·2, fl 0·3, ec 7·2.</i> Shown 24 hours. Racon
-		... F R	26	16	Same structure	Vis 231°-254°(23°). Shown 24 hours
-		... Horn(2) 20s	...	...	...	<i>bl 2, si 2, bl 2, si 14</i> *
5486·3	- Quays Marina. Dock Entrance. NE end. W side	51 29·6 F G 2 45·4				
----	E side	... F R				
---	Traffic Signals	... 3 F R(vert)	...	...	...	2m apart. Vessels stop
----		... F GWG(vert)	...	...	...	2m apart. Vessels proceed on instruction only. Traffic Signals also displayed at centre of lock and at SW end of lock
	*	*				*
5486·4	--- SW end. W side	51 29·6 F G 2 45·4				
----	E side	... F R				
	*	*				*
5490·15	--	51 30·1 Q W 2 43·8	13	3	White mast 10	Vis 171·5°-211·5°(40°)
--		... <i>By day</i>	...	1		
	*	*		*		
6382	- Braemar Point (SEP)	52 39·1 Iso W 4s 8 41·9	5	5	White wooden pile structure 8	
	*					
6382·1	<i>Remove from List</i>					
6383	- S side. Bunlicky Outfall	52 39·3 2 F G(vert) 8 40·8	5	2	...	2m apart
						*

V

Volume B, 2002/03. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

Page xxii Under **NORWAY** Insert new Special Remark as follows:

Published sector light boundaries may differ from those shown on charts compiled from older survey information. When using such charts, the charted information should be used.

0754-6 Remove from List

2179	- W Breakwater. Ldg Lts 176°. Front	58 53-7 F R 11 02-9	3	3	Column	Fishing. R light on pontoon nearby
						*
2408	- OSLO HAVN. Rausekkene	59 53-1 Oc W 10 41-9	2	5	Lantern on post	Shown 1/7-10/6
						*
2496	- Fulehuk	59 10-5 Oc R 6s 10 36-0	9	6	Red tower, white stripes	
		*		*	*	
2534	- Saltbu	59 09-4 Oc WRG 6s 10 22-5	8	W 7 R 5 G 4	White lantern	G356°-358°(2°), W358°-173-5°(175-5°), R173-5°-180°(6-5°)
				*		*
2562	- Ldg Lts 095-5°. Nordbyen. Front	59 16-2 Oc WRG 10 24-0	4	W 9 R 7 G 7	Lantern on tripod	G320°-336°(16°), W336°-338°(2°), R338°-071°(93°), G071°-094°(23°), W094°-097°(3°), R097°-130°(33°). Shown 1/7-10/6
		*				*
2582	- Stavernsodden. S point of island	58 59-2 Oc(3)WRG 10s 10 03-1	42	W 12 R 10 G 9	White stone house	R172°-246°(74°), G246°-263°(17°), W263°-267°(4°), R267°-315°(48°), W315°-345-5°(30-5°), G345-5°-043°(57-5°)
		*		*		*
2605	Kjørtingen. NW	59 00-5 Oc WRG 6s 9 46-3	6	W 11 R 8 G 8	Lantern on column 15	W134-6°-137-7°(3-1°), G137-7°-141-7°(4°), R141-7°-134-6°(352-9°)
		*		*	*	*
2616	- Figgeskjer	59 00-8 Oc(2)WRG 8s 9 44-9	7	W 11 R 9 G 9	White lantern on tripod	R148°-152-9°(4-9°), W152-9°-156-8°(3-9°), G156-8°-253-9°(97-1°) R253-9°-352-7°(98-8°), G352-7°-000-3°(7-6°)
		*		*		*
3490-5	-	59 25-5 F G 5 14-0				
*	*	*	*	*	*	*
3724-2	- Huglaneset	59 52-2 F G 5 33-9	6	...	...	Floodlit
*	*	*	*	*	*	*
3724-3	- Huglavik	59 52-3 F R 5 34-0	7	...	...	Floodlit
*	*	*	*	*	*	*

V

Volume B *continued.*

3724·5	- Storholmen	59 52·4 Iso G 4s 5 33·8	6	3 Post			
		* *	*				
3724·6	- Fjæreflu	59 52·6 VQ(9)W 10s 5 33·1	7				
		* *	*	*	*	*	*
3725·4	- Bakkaneset	59 53·3 F G 5 33·5	5	...	...	Floodlit	
		* *	*	*	*		*
3725·5	- Storneset	59 53·3 Q G 5 33·0	6				
		* *	*	*	*		*
3725·6	- Storvågen	59 53·2 Iso W 4s 5 33·2	4	...	...	Floodlit	
		* *	*	*	*		*
3725·71	- Jektevik. N	59 53·4 F R 5 31·2	10	...	...	Floodlit	
		* *	*	*	*		*
3725·72	--	59 53·2 F R 5 31·2	8	...	...	Floodlit	
		* *	*	*	*		*
3725·73	-- S	59 53·1 F R 5 31·4	9	...	...	Floodlit	
		* *	*	*	*		*
3764·6	<i>Remove from List</i>						
3839·7	<i>Remove from List</i>						
3839·71	<i>Remove from List</i>						

Volume C, 2002/03. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

0789·5	Marselisborg. Lystbådhavn	56 08·3 F G 10 12·9	5	4 Green mast	5	Floodlit	
							*
0824	- Tunø Havn. E Mole. Head	55 56·9 F R 10 27·3	3	4 Grey post	2		
				*	*		*
1196	- S side of Harbour. Ldg Lts 271°30'. Front	54 39·3 LFI R 8s 10 01·9	14	13 White △, red border, on grey mast	10	<i>fl</i> 2. Intens on leading line	
							*
1196·1	--- Rear. 200m from front	54 39·4 LFI R 8s 10 01·8	25	13 White ▽, red border, on grey mast	21	<i>fl</i> 2. Intens on leading line. Synchronized with front	
							*

V

Volume C *continued.*

1722	- Krangenæs Havn. Ldg Lts 260°. Front	54 55·0 F G 11 21·7	4	5 White △, red bands, on black mast 5	Vis 150°-340°(190°). Works in progress marked by light buoy Q W (T) 2002
					*
4002	Bukhta Batareynaya. Ldg Lts 092°24'. Front	59 58·5 Q R 29 07·8	...	2	On request. TE 2002
					*
4002·1	-- Rear	59 58·5 Q R 29 07·8	...	2	On request. TE 2002
					*

Volume D, 2002/03. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

1526·63	- Punta Sollana. Jetty. Head	43 21·8 Fl(4)Y 12s 3 04·9	10	2 Yellow column 4	(fl 0·5, ec 1·5) x 3, fl 0·5, ec 5·5
*	*	*	*	*	*
1699·2	- Fuel Pier. E Head (Punta Promontorio)	43 27·8 Q G 8 14·0 *	11	1 Mast 7	Synchronized with D1699·4
					*
1758	- Carrumeiro Chico	42 54·4 Fl(2)W 7s 9 10·8	6	6 Black ♂ on black beacon, red band	fl 0·5, ec 1·5, fl 0·5, ec 4·5
					*
2197·2	Vilamoura	37 04·4 Fl W 10s 8 07·3	17	19 Metal framework mast on top of Navy control tower 16	fl 0·7. TE 2002
					*
7567	<i>Remove from List</i>				
7684	<i>Stiffe Bank Lt F</i>	26 25·0 Fl(2)W 10s 53 08·6	...	10 Black hull, red band	Missing (T) 2002
					*
9163	- SOUTH PARS GAS FIELD. SPM	27 31·5 Lit 52 31·6			
*	*	*	*	*	*

Volume E, 2002/03. NEW EDITION. Weekly Edition No. 31, Dated 1st August, 2002.

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

0022·2	-- Head	36 24·8 Fl G 5s 5 09·4	9	5 Green Mast 7	fl 0·5
					*
0030	- Groyne. Centre	36 29·0 Q(6)+LFl W 15s 4 57·7	10	5 Truncated masonry tower 6	(fl 0·3, ec 0·7) x 6, fl 2, ec 7
					*

V

Volume E *continued.*

0031	- Dique de Benabolá. Elbow	36 29·1 Fl R 10s 4 57·2	7	4 Truncated masonry tower, red lantern 4	Fl(2)R 5s (T) 2001
---	---	... Siren 60s	...	...	<i>bl 5</i> *
0056·1	- Puerto Pesquero. Dique de Levante. Head	36 30·4 Fl G 5s 4 52·5	9	5 White concrete tower, green top 4	<i>fl 1</i> *
0056·2	- Puerto Deportivo. E Breakwater. Head	36 30·4 Fl(2)G 7s 4 53·4	7	4 Green pyramidal tower 4	*
0071	- Dique de Levante. Head	36 42·8 Oc G 3s 4 20·8	7	4 White truncated tower, green top 4	VQ R (T) 2002 *
0073·6	- Contradique. Head	36 44·9 Fl(2)R 7s 4 04·1	4	3 White round tower, red top 3	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i> *
0112·5	- Villaricos. Balsa. Breakwater. Head	37 14·8 Fl(4)G 12s 1 46·1	8	5 Green truncated tower 3	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 5·5</i> *
0114	- Punta Negra	37 24·2 Fl(2)W 5s 1 34·6	30	13 White tower, black bands 23	<i>fl 0·5, ec 1, fl 0·5, ec 3</i> *
0126·3	- Methane Gas Pier. W Head	37 34·5 Fl(2)R 7s 0 58·0	8	1 Red post 1	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5.</i> TE 2002 *
0126·64	- Muelle Isaac Peral	37 34·1 Fl R 3s 0 57·2 * *	7	1 Red column 4	<i>fl 0·5</i> *
0130·5	- Muelle del Carbón. Head	37 35·5 Fl(3)R 9s 0 59·1	8	3 Red mast 5	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5.</i> TE 2002 *
0231	- Dique de Levante	40 14·8 Oc G 4s 0 17·2	6	4 Green concrete column 2	<i>ec 1</i> *
0253	- PUERTO DE LA SABINA. Dique de Abrigo. Head	38 44·2 Fl(2)G 6s 1 25·2 *	11	3 Green △ on column on white tower 8	<i>fl 0·5, ec 1·5, fl 0·5, ec 3·5</i> *
0253·2	-- Fishing Harbour. Jetty. Head	38 44·1 Fl(4)R 15s 1 25·2 *	5	1 Red round tower 3	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 8·5</i> *

V

Volume E *continued.*

0267·8	- Santa Eulalia Marina. Breakwater. Head	38 58·9 1 32·3	Fl(3)G 9s	11	5 Green truncated pyramidal tower	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i>
					6	
		*	*			*
0267·85	-- Contradique. Head	38 58·9 1 32·3	Fl(3)R 9s	4	3 Red truncated pyramidal tower	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i>
					3	
		*	*			*
0302	<i>Remove from List</i>					
0308·8	<i>Remove from List</i>					
0311·2	-- Punta de sa Sinia. Breakwater. Head	39 25·5 3 15·8	Fl(4)R 11s	...	1 Red column	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4·5</i>
			*			*
0311·9	-- Dique Caló d'es Moix. Head	39 21·7 3 12·8	Fl(2)R 7s	7	5 Red column	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i>
			*		3	*
0312·2	-- Espigón Martillo. N Head	39 21·8 3 12·8	Fl(2+1)G 12s	6	3 Green column	<i>fl 0·8, ec 1·2, fl 0·8, ec 2·4, fl 0·8, ec 6</i>
			*		5	*
0313	-- Wharf. Head	39 20·0 3 10·8	Fl(3)R 8s	6	5 Red □ on red column on white hut	<i>(fl 0·5, ec 1) x 2, fl 0·5, ec 4·5</i>
			*		5	*
0394·1	- Pasarela de Cierre. W Head	41 10·7 1 31·6	Q(2)R 4s	4	3 Red post	<i>fl 0·25, ec 0·5, fl 0·25, ec 3</i>
*	*	*	*	*	2	*
0394·4	-- E corner	41 10·7 1 31·7	VQ(6)+LFl W 10s	9	3 ∇ on yellow tower, black base	Obscured within the port
			*		4	*
0394·65	- Pasarela de Cierre. E Head	41 10·7 1 31·7	Fl G 5s	5	3 Green post	<i>fl 0·5. 2 F R and 6 F G lights exist within the port</i>
*	*	*	*	*	3	*
0452·8	-	41 42·2 2 52·9	Fl(4)R 11s	...	3 Red dwelling	<i>(fl 0·3, ec 1·5) x 3, fl 0·3, ec 5·3</i>
						*
0459	Playa de Aro. Punta Prima. Breakwater. Head	41 48·1 3 04·0	Fl(2)G 9s	6	5 Green metal column	<i>fl 1·5, ec 2, fl 1·5, ec 4</i>
					3	*
0547·75	--	43 24·5 3 43·6	Fl R 2·5s	...	...	Not visible from seaward
*	*	*	*	*	*	*
0557·6	- Canal Fluvio. W Head	43 25·2 3 44·7	Fl(2)WG 6s	8	W 6 Grey mast G 4	<i>fl 1, ec 1, fl 1, ec 3. W242°-062°(180°), G062°-242°(180°)</i>
	*		*		4	*
					*	*

V

Volume E *continued.*

0557-8	-- N Terre plein. S Head	43 25-2 Fl(2)R 6s 3 44-7	8	2 White mast, red top 4	<i>fl 1, ec 1, fl 1, ec 3</i>
*	*	* *	*	* *	*
0601-215	-- No 3 bis	43 23-5 Q(6)+LFl W 15s 4 56-4	7	3 ∇ on black buoyant beacon, yellow top	
*	*	* *	*	* *	*
0601-29	-- No 10	43 23-9 Iso R 4s 4 54-2	4	2 Red $\square$ on red buoyant beacon	Ra refl
*	*	* *	*	* *	*
0835	- East Jetty. Centre	43 42-6 Q G 7 20-4	6	2 White post, green top 3	
*	*	* *	*	* *	*
1171-35	- E Groyne. Head	44 08-2 Q G 8 16-2	8	3 Green post	Private
					*
1171-37	-	44 08-2 Fl Y 3s 8 16-2	7	2 $\times$ on yellow post	<i>fl 0-5. Private.</i> Marks barrier
*	*	* *	*	* *	*
1206	- Lanterna. Capo del Faro	44 24-2 Fl(2)W 20s 8 54-3	117	25 Square tower on dwelling 76	Aeromarine. <i>fl 0-2, ec 4-8, fl 0-2, ec 14-8.</i> Reserve light 18M Traffic and Storm Signals. 3 F R(vert) 3-35M NW. F R on radio mast 1-1M NNE. Oc R and F R on radio mast 1-5M NNE. Numerous F R and Fl R along the coast between Voltri and Punta Vagno
	---	Oc R 1-5s	119	10 Cupola of same structure	<i>ec 0-5.</i> Occas. Private. Obstruction. TE 2002
1228	-	44 22-6 Fl Y 4s 8 58-8	7	4 $\times$ on yellow buoyant beacon	<i>fl 0-5.</i> Ra refl. Private. Marks end of pipeline
*	*	* *	*	* *	*
1528-4	-	41 44-7 Q WRG 12 15-0	8	5 White pedestal	G061-5°-066-5°(5°), W066-5°-071-5°(5°), R071-5°-076-5°(5°) *
1530	Lido Di Ostia	41 44-2 Fl G 4s 12 14-8	10	8 Green round tower	<i>fl 1.</i> Private
*	*	* *	*	* *	*
1531	-	41 44-2 Fl R 4s 12 14-7	10	8 Red round tower	<i>fl 1.</i> Private
*	*	* *	*	* *	*
1823	-- Head	37 43-9 Fl R 3s 15 12-6	11	5 Red metal column	<i>fl 0-5. Works in progress (T) 2002</i>
		*			*
2037-7	S. Agata Militello. Jetty. Head	38 04-3 2 F RG(vert) 14 38-2	8	4 Red and green mast 6	2m apart. Private *

V

Volume E *continued.*

2159	-- Buffoluto. S Pier	40 29·1 2 F R(vert) 17 16·7	7	6 Red □ on red tower 8	1m apart. Private. Unreliable
					*
2304·1	-- Molo martello	42 00·2 F G 15 00·5	8	3 Mast	Private. TE 2002
	*				*
2738	Hrid Porer	44 45·5 Fl(3)W 15s 13 53·8	35	25 White round stone tower on dwelling 31	(<i>fl 0·3, ec 2·7</i>) <i>x 2, fl 0·3 ec 8·7</i> . Vis 255°-147°(252°). Reserve light 12M. Racon
-	...	Siren 42s	...	...	<i>bl 4, si 4, bl 4, si 30</i>
	*	*		*	*
2742	Pličina Albanež	44 44·1 Fl(2)WR 8s 13 54·4	15	W 10 White concrete tower on R 6 conical base 14	<i>fl 0·5, ec 2, fl 0·5, ec 5</i> . R172°-227°(55°), W227°-172°(305°). Emergency light, E2738·2
				*	*
3225	Otok Smokvica Vela. N point	43 44·1 Fl R 3s 15 28·6	13	5 White square stone tower 8	<i>fl 0·3</i>
					*
4176·1	-- NW Mole. Head	37 57·7 Fl R 3s 23 29·6	7	5 Metal framework tower with gallery and column	<i>fl 1</i>
			*	*	*
4176·2	-- SE Mole. Head	37 57·7 Fl G 3s 23 29·7	7	5 Metal framework tower with gallery and column	<i>fl 1</i>
			*	*	*
4294·15	- N Rock	36 53·5 Fl W 7s 25 32·6	...	6 Metal framework tower with gallery and column	<i>fl 0·8</i>
				*	*
4294·4	Vrakhonisídha Plakí	36 51·8 Fl(2)W 8s 25 37·4	...	8 Metal framework tower with gallery and column	<i>fl 0·8, ec 1·5, fl 0·8, ec 4·9</i>
				*	*
5810·5	Çaylioğlu Fishing Harbour. N Breakwater. Head	41 58·0 Fl G 5s 34 30·5	6	9 Concrete tower	<i>fl 1</i>
		*	*	*	*
5810·6	- S Breakwater. Head	41 57·8 Fl R 5s 34 30·4	6	9 Concrete tower	<i>fl 1</i>
		*	*	*	*
5900	Klidhes Islet	35 42·6 Fl(4)W 20s 34 36·4	20	14 White metal tower 10	(<i>fl 0·5, ec 0·5</i>) <i>x 3, fl 0·5, ec 16·5</i> . Racon
		*		*	*
6718	Île Rachgoun	35 19·5 Fl(2)R 10s 1 28·7	81	16 Yellow square tower, on hut 15	<i>fl 0·5, ec 2, fl 0·5, ec 7</i>
					*

V

Volume F, 2001/02. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

0735	- Ldg Lts 311°30'. Front	8 45·3 Q W 78 12·1	20	8	White metal framework tower, red bands		*
0735·05	-- Middle. 425m from front	8 45·4 Iso W 6s 78 13·0					
*	*	*	*	*	*		*
1054	Kutubdia Island	21 51·8 Fl W 10s 91 50·7	39	20	Red and white □ on metal framework tower	(fl 0·22, ec 1·44) x 2, fl 0·22, ec 6·46. Racon. TR 2000. TE 2002	*
1202·4	Square Rock	12 55·6 Fl W 15s 92 58·8	13	10	Beacon	TE 2002	*
1504	- Middle Bank. N end. Aston Beacon	5 24·4 Q W 100 20·8	8	8	⚓ on black beacon, yellow base	Destroyed; light buoy Q W in situ close NW (T) 2002	*
*	*	*	*	*	*		*
3633·38	Qijiemei Jiao	25 39·2 Fl(4)W 10s 119 37·8	10	7	Red concrete pillar 15	(fl 0·5, ec 1) x 3, fl 0·5, ec 5	*
*	*	*	*	*	*		*
3793	Huiba. No 1	31 31·0 Fl W 4s 121 19·2	5	5	Grey metal framework tower	fl 0·5	*
*	*	*	*	*	8		*
4156·4	- T'aeon Hwaryŏk. No 2	36 54·5 Fl(4)Y 6s 126 14·2	8	7	Red round metal tower 4		*
		*					

Russia — East Siberian Sea

8028·8	Mikhaylovskiy	69 24·6 Fl W 3s 161 30·6	...	8			
*	*	*	*	*	*		*
8028·85	Kabachkovskiy	69 18·2 Fl W 4s 161 26·9	...	8			
*	*	*	*	*	*		*
9690·404	--	38 05·5 Mo(U)W 15s 119 30·6					
*	*	*	*	*	*		*
9690·41	-- SPM	38 07·0 Mo(U) W 15s 119 33·4	45	10			
		*	*	*			

V

Volume G, 2001/02. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

4458	- North Jetty. No 3A	43 21·5 Fl G 2·5s 124 20·7	7	3	Green pile structure	
	*	*	*		*	*
4458·2	--	43 21·5 Horn 30s 124 20·7	...	...	...	<i>bl</i> 3. Sounded continuously 1/6-15/9. PA
	*	*	*	*	*	*
4474	- Bar Ldg Lts 086°. Front	43 40·1 Q R 124 12·1	7	...	Red □, black stripe, on framework tower	Vis 084·5°-087·5°(3°)
		*				*
4474·1	-- Rear. 268m from front	43 40·0 Iso R 6s 124 11·8	15	...	Red □, black stripe, on framework tower	Vis 084·5°-087·5°(3°)
		*				*

Volume H, 2001/02. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

1039·5	-- SE (SCB)	46 12·6 F RWG 63 45·1	64	...	Bridge	R308°39'-310°39'(2°), W310°39'-311°39'(1°), G311°39'-313°39'(2°). White sector indicates preferred channel. Private
						*
1039·6	-- NW (SCB)	46 12·6 F RWG 63 45·1	64	...	Bridge	G129°08'-131°08'(2°), W131°08'-132°08'(1°), R132°08'-134°08'(2°). White sector indicates preferred channel. Private
						*
1039·7	-- Pier 22. SW side (SCB)	46 12·6 F G 63 45·2	16	11	Bridge	Racon. Private
	*					
1039·75	--- NE side	46 12·5 FG 63 45·2	16	11	Bridge	Private
	*	*	*	*	*	*
1039·8	-- Pier 21. SW side (SCB)	46 12·7 F R 63 45·1	16	11	Bridge	Racon. Private
	*					
1039·85	--- NE side	46 12·6 FR 63 45·0	16	11	Bridge	Private
	*	*	*	*	*	*
1354·1	----- Rear. 245m from front	46 20·0 F Y 64 37·0	18	...	White □, red stripe, on square framework tower 13	Seasonal
	*		*			*

V

Volume H *continued.*

1558	- Ldg Lts 120°09'. Front	47 52.9 F Y 64 35.0	8	... White □, red stripe, on square framework tower 7	Vis on leading line only. Seasonal
	*				
2385	- Port de Bécancour	46 24.0 F Y 72 22.5	7	... Yellow structure, black stripes	Vis 167.7°-347.7°(180°). Private
	*		*		*

Volume J, 2001/02. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

2227.9	- Ldg Lts 343°06'. Front	39 07.7 Oc W 4s 76 16.1	7	... Multi-pile	Intens on rangeline. Shown 24 hours
	*	*			
2477	<i>Remove from List</i>				
2477.5	- OAK ISLAND CHANNEL. No 1	33 54.0 Fl G 4s 78 01.2	5	4 Green □ on pile	
*	*	*	*	*	*
2865	<i>ODAS 41012</i>	30 00.0 Fl(4)Y 20s 80 30.0	...	... Yellow superbouy	
*	*	*	*	*	*
2934	- Hillsboro Inlet. N side	26 15.6 Fl(2)W 30s 80 04.9	41	28 Black 8-sided metal framework tower with central column, lower part white	Vis 186°-015°(189°)
		*			
2987	Channel Five. No 2	24 48.9 Fl R 4s 80 46.5	5	4 Red △ on pile	
		*			
3571.3	- BAYOU CASOTTE CHANNEL. Ldg Lts A 000.2°. Front	30 20.2 Fl G 2.5s 88 30.8	14	... On framework tower, on piles	Vis on leading line only
----		... <i>By day</i> Fl W 2.5s	15	... Same structure	Vis on leading line only
	*	*	*	*	*
3571.31	--- Rear. 935m from front	30 20.5 Iso G 6s 88 30.8	25	... On framework tower, on piles	Vis on leading line only
----		... <i>By day</i> Iso W 6s	24	... Same structure	Vis on leading line only
	*	*	*	*	*
3654	<i>Remove from List</i>				
3916-935	Petrounited Tanker Dock (AHP 203.8)	30 17.0 3 Fl R 2.5s 91 09.3	11	... On wharf and mooring dolphins	Private
*	*	*	*	*	*
3916-98	<i>Remove from List</i>				
4242	- Canal de Chijol. Entrance	22 14.7 Fl W 3s 97 49.2	9	5 Square concrete tower 6	<i>fl 0.5</i>
			*		

V

Volume J *continued.*

4247-6	- Punta Bustos	21 59-3 Fl W 5s 97 43-5	6	7 White truncated pyramidal concrete tower 6	<i>fl 0-5</i>
				*	
4849-4	- E side. No 3	23 05-1 Fl G 5s 82 30-3	2	2 Green □ on green GRP tower	
				*	
5087-1	<i>Remove from List</i>				
5087-4	<i>Remove from List</i>				
5093-1	Rio Guajimico. No 1	21 55-6 Fl G 3s 80 18-7	3	2 Green □ on green metal beacon	
*	*	*	*	*	*
5093-11	- No 2	21 55-6 Fl R 4s 80 18-7	3	2 Red △ on red metal beacon	
*	*	*	*	*	*
5093-12	- No 3	21 55-6 Fl G 5s 80 18-7	3	2 Green □ on green metal beacon	
*	*	*	*	*	*
5093-13	- No 4	21 55-6 Fl R 6s 80 18-7	3	2 Red △ on red metal beacon	
*	*	*	*	*	*

Volume K, 2002/03. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

2495	Refuge Cove. S side	39 02-6 Fl WR 6s 146 28-2	24	W 4 Metal post R 1	2	<i>fl 0-5. W210°-281-5°(71-5°), R281-5°-210°(288-5°).</i> Destroyed; Fl R 6s in situ (T) 2002
						*
2865	- Jetty Breakwater. S end	27 13-6 Fl R 2-5s 153 07-1	...	...	Red □ on beacon	R lights on chimney 0-8M W
						*
2876-7	- Victoria Bridge	27 28-3 F Bu 153 01-3	...	...	Centre of bridge	On upstream and downstream sides
						*
3066-391	-- Rooper Inlet. No 6	20 18-0 Fl R 2-5s 148 47-2	...	...	□ on beacon	
*	*	*	*	*	*	*
3066-393	--- No 4	20 18-1 Fl R 2-5s 148 47-2	...	...	□ on beacon	
*	*	*	*	*	*	*
3066-395	--- No 2	20 18-3 Fl R 2-5s 148 47-3	...	...	□ on beacon	
*	*	*	*	*	*	*

V

Volume K *continued.*

3074	- SOUTH ENTRANCE. Ldg Lts 246°45'. Mount Bramston	20 04·0 Q W 148 15·5	8	7 Orange △	
	*				
3074·1	<i>Remove from List</i>				
3670·1	-- No 2	42 14·4 Fl R 2s 145 14·3	...	2 Red beacon	
	*	*	*	*	*
3670·2	-- No 4	42 14·6 Fl R 4s 145 15·2	3	4 Red □ on 3-pile structure	<i>fl 0·5</i>
	*	*			
3670·7	-- No 5	42 14·9 Fl G 5s 145 16·2	3	5 Green □ on 3-pile structure	<i>fl 0·5</i>
	*	*			
3670·75	-- No 6	42 14·7 Fl R 6s 145 16·9	...	2 Red beacon	
	*	*	*	*	*
3670·77	-- No 8	42 14·4 Fl R 8s 145 17·3	...	... Red beacon	
	*	*	*	*	*
3671	-- No 10	42 13·9 Fl R 2·5s 145 18·6	...	4 ...	<i>fl 0·5</i>
	*	*			
3672	- No 12	42 10·7 Fl R 4s 145 19·3	...	... Red pile	<i>fl 0·4</i>
	*	*			*
4116·9	-- No 21	36 56·5 Q(3)G 3s 174 42·4	...	... △ on green beacon	Destroyed; light buoy Q(3)G 5s in situ (T) 2002
					*
4322	- Approaches. Fairway Light	44 23·0 Mo(A)W 10s 171 18·1	5	9 White beacon, red stripes	
					*
4360	- Katiki Point (M)	45 23·7 Iso W 12s 170 52·0	58	18 White wooden tower 8	Vis 198°-010°(172°)
					*
4673	-- Draunibota Bay. Entrance	18 07·2 Q Y 178 24·0	5	1 White beacon	
				*	
4789·5	Marina de Pandop. Jetty. Head	20 35·0 Q G 164 16·2			*

V

Volume I, 2002/03. Weekly Edition No. 31, Dated 1st August, 2002.

Last Amendment: Weekly Edition No. 30, dated 25th July, 2002.

Page xxii Under **NORWAY** Insert new *Special Remark* as follows:

Published sector light boundaries may differ from those shown on charts compiled from older survey information. When using such charts, the charted information should be used.

0329-74 Remove from List

0722	-- NW point	62 24·8 Oc WRG 5 35·3	48	W 19 Low white stone tower R 18 14 G 16	W031°-043°(12°), G043°-053°(10°), R053°-074°(21°), W074°-196°(122°), G196°-218°(22°), R218°-233°(15°), W233°-251°(18°), G251°-276°(25°). Shown 16/7-21/5. TE 2002
-------------	-------------	--------------------------	----	--	--

*

1308	- Stornesøra	63 58·5 Oc(3)WR 10s 11 17·5	4	W 6 White lantern on base R 4	R043°-050°(7°), W050°-250°(200°), R250°-252°(2°). Shown 21/7-16/5. TE 2002
-------------	--------------	--------------------------------	---	----------------------------------	---

*

4408	- Strendur	62 06·7 Oc(2)WRG 6s 6 44·8	24	W 13 White house, red band R 10 4 G 10	<i>ec 1, lt 1, ec 1, lt 3.</i> R234°-268·8°(34·8°), G268·8°-348·7°(79·9°), W348·7°-355·1°(6·4°), R355·1°-005·8°(10·7°). Shown 15/7-1/6
-------------	------------	-------------------------------	----	--	---

*

*

5936	- Napissaq	68 48·6 Fl WRG 3s 51 13·7	8	W 6 Orange and red tower R 4 5 G 4	<i>fl 0·8.</i> G030°-045°(15°), W045°-058°(13°), R058°-069°(11°), G069°-118°(49°), W118°-156°(38°), R156°-166°(10°), G166°-247°(81°), W247°-275°(28°), R275°-282°(7°)
-------------	------------	------------------------------	---	--	---

*

8105	- Mys Parusnyy	68 21·7 LFl W 9s 74 19·1	...	6	...	Destroyed (T) 2002
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VI

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 31 dated 1 August 2002

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

Published Wk 26/02

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

Page 38, **BELGIUM, Oostende (OST) (OSU) [0480]**, after TELEX insert:

E-MAIL	rmd@navy.mil.be
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31/02

Page 39, delete **VHF** table and replace by:

VHF

Antwerpen	Ch 07 16 24 27	51°05'N 2°36'E
De Panne	Ch 16 78 85	51°05'N 2°36'E
Gent	Ch 16 81	51°03'N 3°44'E
Middelkerke	Ch 16 27 85	51°11'N 2°48'E
Oostende	Ch 16 27 85	51°11'N 2°48'E
Zeebrugge	Ch 16 27 63	51°20'N 3°12'E
HOURS OF WATCH: Ch 16 27: H24		

31/02

Page 40, **Radiotelex** table, delete line 2, OST 2177 2189.5

Page 41, **Radiotelex** table, **Mailbox** section, delete lines 10 to 18, OST sends Date, time to telex numbers and replace by:

OST sends	Date, time (LT), the reference number, the telex or store and forward number of the destination and the status (already sent or still in the mailbox). The status of messages already sent is limited to the last 10 messages in the last two months. To know if there is a message for the ship you must type "MSG+" after ("GA+?")
For information on Shore-to-Ship procedure, telex subscribers may contact OST on above mentioned telex number	

Oostende Radio (HH080/002/10 - E18) 31/02

VI

Page 91, **GREECE, Peiraiás (SXE2)** (JRCC) (Hellenic Coast Guard), delete contact numbers table and replace by:

Peiraiás (SXE2) (JRCC) (Hellenic Coast Guard)		
	DIAGRAM: page 86	37°58'N 23°40'E
TELEPHONE	+30 (0)10 411 2500 / 422 0772 (Emergency) +30 (0)10 419 1369 / 1126 / 1325	
FAX	+30 (0)10 411 5798 / 419 1561 / 422 4417 / 413 2398	
TELEX	+601 211588 / 211254 RCC GR +601 213593 / 212239 / 212273 YEN GR	
INMARSAT A SES	1133207 RCCG X (H24) The antenna is directed towards the IOR satellite. If necessary during SAR communications, the antenna will occasionally be directed towards the AOR-E satellite.	
INMARSAT C SES	423767310 RCCG X (H24) The MES can be logged on through the AOR-E satellite. If necessary during SAR communications, the antenna will occasionally be directed towards the IOR satellite.	
NOTE	This station does not accept public correspondence; accepting Distress, Urgency and Safety traffic, port operations and pollution reports. Meteorological bulletins available on request.	

31/02

Page 91, delete **Radiotelex** table

Ministry of Mercantile Marine, Hellenic Republic (HH080/010/09 - E30) 31/02

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

Published Wk 22/02

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

RADIO-FACSIMILE

Page 13, **Nairobi**

Frequency table, delete 17445-6 and replace by: 17443-6

NOTE, after line 2, insert:

Station reported unreliable (July 2002)

Day Watson (HH080/015/02 - E15) 31/02

Schedule table, last column, delete 120/576 and replace by: 180/576

(former amendment 28/02)

Day Watson (HH080/015/02 - E15) 31/02

VI

VOLUME 3, PART 2, NP 283(2), 2002/03

Published Wk 22/02

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

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 42, **AUSTRALIA, Sydney**, delete station and replace by:

Sydney				
A	8176	RT (HF)		
B	8291			
C	Ch 67	VHF		
DIAGRAM: page 49				
Weather Bulletins		Navigational Warnings		
B: As required	Urgent Weather Warnings	B: As required	Urgent Navigational Warnings	
C: 0733 1733 (EST)	Local forecasts	A: On receipt 1057 2357 (EST)	For Auscoast areas B, C and D	
	Local severe weather warnings will be broadcast upon receipt and then every hour	C: On receipt 0733 1733 (EST)	Local warnings	

(former amendment 29/02)

New South Wales Waterways Authority (HH080/021/13 - E17) 31/02

VI

VOLUME 5, NP 285, 2002/03

Published Wk 23-24/02

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

Page 311, **Chapter 17: DISTRESS, SEARCH AND RESCUE, KOREA, SOUTH (Republic of)**, delete section and replace by:

KOREA, SOUTH (Republic of)

See diagram R15

National SAR Agency: Korean National Maritime Police Agency (KNMPA) Address: 1 – 105, Buksung-dong, Jung-ku, Inch'ön City 400–707, Republic of Korea Tel: 32 883 0461 Fax: 32 881 9595 Telex: 24920			
The Korean National Maritime Police Agency (KNMPA) at Inch'ön Headquarters is responsible for co-ordinating Search and Rescue operations for Korean Maritime SRR. Twelve Maritime Police Stations under KNMPA command perform each SAR operation within their designated SRR, maintaining a continuous listening watch on distress frequencies of VHF & MF DSC, VHF Ch 16 and 2182kHz independently.			
	Telephone +82	Fax +82	Others
KNMPA HEADQUARTERS (Inch'ön)	32 883 0461	32 881 9595	Telex +801 24920
CHEJU (Jeju)	64 751 0112	64 756 9595	Telex +801 67117
INCH'ÖN	32 888 0112	32 883 9595	Telex +801 35522
MOKP'O	61 242 0112	61 243 9595	Telex +801 67116
PUSAN (Busan)	51 404 6112	51 403 9595	Telex +801 53343
TONGHAE (Donghae)	33 532 7072	33 531 9595	Telex +801 55521
SOKCH'O	33 635 0112	33 632 0112	
TAEAN	41 675 0112	41 675 7525	
GUNSAN	63 467 5472	63 467 2104	
YEOSU	61 651 0112	61 651 6380	
POHANG	54 242 0112	54 243 4997	
ULSAN	52 260 6112	52 257 4192	
TONGYEONG	55 641 4112	55 648 6112	

Korean Notice 22/02 (HH080/083/05 - E18) 31/02

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