



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 28

11 July 2002

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

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

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

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

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

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

Access Details:

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

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

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

www.ukho.gov.uk.

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

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

www.ukho.gov.uk/notices_to_mariners.html

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

Details of File Content.

Weekly Notices to Mariners.

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49–RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

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

Annual Summary of Admiralty Notices to Mariners (NP247).

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

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

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

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

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

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

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49–RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

NM Feedback Form.

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

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

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

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

Help-Line

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

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

Fax: +44 (0) 1823 331945

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

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I

EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

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EXPLANATORY NOTES

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

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

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

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[28/02]

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 11 July 2002

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⊙762	North Pacific Ocean, Caroline Islands (Eastern Part). <i>Includes changes to depths and updated lines of equal magnetic variation for the 2000 epoch.</i> <i>Note: This chart remains affected by Former Notice 2785(T)/01.</i>	1:1,500,000	57	94	£16·30
⊙763	North Pacific Ocean, Caroline Islands (Western Part). <i>Includes changes to depths and updated lines of equal magnetic variation for the 2000 epoch.</i>	1:1,500,000	57	72, 94	£16·30
⊙764	North Pacific Ocean, Mariana Islands (Southern Part). <i>Includes changes to depths and updated lines of equal magnetic variation for the 2000 epoch.</i>	1:1,500,000	57	94	£16·30
⊙1168	England - West Coast, Harbours on the North Coast of Cornwall. Ⓐ Approaches to Padstow. Ⓑ River Camel, Padstow to Wadebridge. Ⓒ Saint Ives Bay. Ⓓ Newquay Bay. <i>Includes changes to depths in the River Camel from the latest Padstow Harbour Commissioners and commercial surveys. Harbour developments and changes to buoyage and beacons have also been included on all plans.</i>	1:25,000 1:25,000 1:25,000 1:12,500	2	18	£16·30
⊙3323 INT 7372	International Chart Series, Indian Ocean, Maldives, Male' Atoll. Male' Anchorage and Approaches. <i>Includes changes to depths between Male' and Lankanfinolhu from a British Government survey of 1996. (This chart is included in the International Chart Series).</i>	1:150,000 1:25,000	42	54	£16·30

Admiralty Publications

NP No.	Title and other remarks	Date	UK(RRP)*	Remarks
NP 77	Admiralty List of Lights and Fog Signals Volume D 2002/03 Eastern Atlantic Ocean, Western Indian Ocean and Arabian Sea, from Goulet De Brest Southward including off-lying Islands, to longitude 68° East.	20/06/02	£21	Amended to Week 25/02 (20/06/02). First Amendments in Week 28/02. Volume D 2001/02 cancelled.

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

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>
761	North Pacific Ocean, Marshall Islands.	⊙761
762	North Pacific Ocean, Caroline Islands (Eastern Part).	⊙762
763	North Pacific Ocean, Caroline Islands (Western Part).	⊙763
764	North Pacific Ocean, Mariana Islands (Southern Part).	⊙764
1168	England - West Coast, Harbours on the North Coast of Cornwall.	⊙1168
3323 INT 7372	Indian Ocean, Maldives, Male' Atoll.	⊙3323 INT 7372

⊙ 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

3011 MISCELLANEOUS UPDATES TO CHARTS

Chart Previous Update Details

Nil corrections this week.

UK Hydrographic Office.

2890* WALES, South Coast — Cardiff Bay — Coastline; Depths; Lights; Works; Pontoon; Jetties; Dolphins; Landmark

Insert the accompanying block, showing amendments to coastline, depths, lights, works, pontoon, jetties, dolphins and landmark, centred on: 51° 27'·16N., 3° 10'·41W.

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].— **1182** (INT 1653) (**plan B, Cardiff Docks**) [2267/02]

Light List Vol. A, 2002/03, 5444, 5444.02, 5445.2

Cardiff Harbour Authority (HH.218/400/14).

2897* ENGLAND, South Coast — Isle of Wight — Yarmouth Harbour — Depths

Insert depth 1₆ m enclosed by 2m contour 50° 42'·357N., 1° 30'·218W.
50° 42'·352N., 1° 30'·178W.

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].— **2021** (**plan H, Yarmouth Harbour**) [2466/01]

Yarmouth Harbour Commission (HH.232/630/04).

2898* ENGLAND, East Coast — Hunmanby Gap to Dogger North Shoal — Submarine cable

Insert submarine cable joining:

(a)	54° 10'·76N., 0° 16'·14W. (shore)
(b)	54° 10'·86N., 0° 14'·63W.
(c)	54° 10'·92N., 0° 13'·10W. (E. border)
(d)	54° 10'·92N., 0° 13'·05W.
(e)	54° 11'·47N., 0° 06'·89W.
(f)	54° 11'·66N., 0° 05'·75W.
(g)	54° 12'·15N., 0° 03'·85W.
(h)	54° 12'·68N., 0° 02'·49W.
(i)	54° 13'·36N., 0° 01'·43W.
(j)	54° 16'·42N., 0° 02'·40E.
(k)	54° 18'·22N., 0° 03'·85E.
(l)	54° 19'·15N., 0° 04'·11E.
(m)	54° 19'·97N., 0° 04'·03E.
(n)	54° 20'·23N., 0° 04'·13E.
(o)	54° 20'·47N., 0° 04'·33E.
(p)	54° 20'·83N., 0° 04'·79E.
(q)	54° 21'·43N., 0° 05'·78E.
(r)	54° 23'·54N., 0° 11'·14E.
(s)	54° 26'·91N., 0° 18'·67E.
(t)	54° 30'·44N., 0° 27'·15E. (E. border)
(u)	54° 30'·69N., 0° 27'·74E.
(v)	54° 32'·56N., 0° 33'·17E.
(w)	54° 37'·21N., 0° 44'·19E.
(x)	54° 49'·26N., 1° 14'·19E.
(y)	54° 49'·76N., 1° 16'·69E.
(z)	54° 50'·04N., 1° 23'·97E.
(aa)	54° 50'·61N., 1° 26'·70E.
(bb)	54° 50'·06N., 1° 27'·26E.
(cc)	54° 50'·68N., 1° 27'·76E.
(dd)	54° 50'·11N., 1° 32'·84E.
(ee)	54° 50'·10N., 1° 38'·75E. (E. border)

Note: Charts 1882, 129 and 1191 are to be removed from the list of charts affected by Former Notice 1986(P)/01. Further charts will be updated in due course.

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

Chart [Last correction].— **1882** (**plan, Filey Bay**) (a–c) [545/02] — **129** (a,b,d–t) [1635/02] — **1191** (INT 1507) (a,d–m,o,q,u–ee) [1636/02]

TyCom Ltd (HH.160/313/01).

II

2899* SCOTLAND, North Coast — Orkney Islands Northwards — Fair Isle Channel — Submarine cable

Insert	submarine cable joining:	59° 27'·75N., 0° 01'·25E. (tidal stream box)
		59° 32'·12N., 0° 20'·75W.
		59° 36'·34N., 0° 49'·86W.
		59° 38'·59N., 1° 06'·99W.
		59° 40'·63N., 1° 18'·15W.
		59° 43'·38N., 1° 34'·65W.
		59° 43'·85N., 1° 36'·45W.
		59° 44'·41N., 1° 39'·82W.
		59° 44'·59N., 1° 42'·50W.
		59° 46'·38N., 1° 53'·29W.
		59° 47'·23N., 1° 56'·94W.
		59° 48'·80N., 2° 06'·40W.
		59° 48'·87N., 2° 08'·97W.
		59° 50'·06N., 2° 16'·31W.
		59° 52'·05N., 2° 34'·60W.
		59° 52'·63N., 2° 36'·83W.
		59° 53'·29N., 2° 42'·07W.
		59° 54'·08N., 2° 49'·73W.
		59° 54'·05N., 2° 50'·95W.
		59° 54'·98N., 2° 58'·10W.
		59° 54'·84N., 3° 00'·62W.
		59° 55'·06N., 3° 02'·27W.
		59° 55'·39N., 3° 02'·98W.
		59° 55'·64N., 3° 05'·88W.
		59° 55'·59N., 3° 07'·43W.
		59° 55'·75N., 3° 09'·00W. (scale)

Note: Chart 1119 is to 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*].— **1119** (INT 1501) [2504/02]
Global Marine Systems Ltd (HH.111/309/03).

2900* SCOTLAND — Shetland Islands — Unst — Balta Harbour — Baltasound Pier — Light

Insert	★ <i>Oc.WRG.10s5m2M</i>	(a) 60° 45'·569N., 0° 50'·146W.
	sectors as follows:	at light at (a) above
	<i>G</i> 272° – 282° (10°)	
	<i>W</i> 282° – 287° (5°)	
	<i>R</i> 287° – 297° (10°)	

Chart [*Last correction*].— **3293** (plan, Balta Sound) [1011/02]
Light List Vol. A, 2002/03, 3828.6
Shetland Island Council Notice 6/02 (HH.270/410/06).

2901* SCOTLAND, West Coast — Inner Sound — Kyle Akin and Approaches — Depths

Insert	depth 7 ₃ m and extend 10m contour W. to enclose	(a) 57° 17'·35N., 5° 44'·95W.
	depth 9 ₆ m enclosed by 10m contour	(b) 57° 16'·80N., 5° 45'·20W.
	depth 9 ₄ m enclosed by 10m contour	(c) 57° 16'·70N., 5° 45'·03W.
	depth 3 ₂ m and extend 5m contour E. to enclose	(d) 57° 16'·69N., 5° 45'·22W.
	depth 9 ₄ m enclosed by 10m contour	(e) 57° 16'·69N., 5° 44'·83W.
	depth 7 ₈ m and extend 10m contour NW. to enclose	(f) 57° 16'·54N., 5° 43'·38W.
Substitute	depth 3 ₂ m for depth 3 ₈ m	(g) 57° 16'·69N., 5° 45'·22W.
Delete	depth 9 ₂ m	(h) close NE. of (a) above
	depth 10 ₂ m	(i) close SW. of (b) above
	depth 3 ₈ m	(j) close SW. of (d) above
	depth 10m and associated contour	(k) close E. of (e) above
	depth 9m and associated contour	(l) close NW. of (f) above

Note: Former Notice 1784(P)/02 is cancelled.
This update has been included in New Edition of Chart 2540 published 20 June 2002.

Chart [*Last correction*].— **2498** (a–f, h–l) [2297/01] — **2209** (a, c, g, h) [2297/01]
HMSML *Gleaner* (HH.272/610/07).

II

2902* IRELAND, West Coast — River Shannon — Rinealon Point to Mount Trenchard — Restricted area; Recommended anchorage

Insert	limit of restricted area, anchoring and fishing prohibited, pecked line, joining:	(a) 52° 37'·39N., 9° 09'·27W. (shore) (b) 52° 36'·89N., 9° 07'·51W. (shore) and (c) 52° 37'·09N., 9° 10'·02W. (shore) (d) 52° 36'·95N., 9° 09'·82W. (e) 52° 36'·86N., 9° 09'·50W. (E. border) (f) 52° 36'·58N., 9° 08'·53W. (shore) (g) within (a)–(f) above (h) close NE. of (c)–(e) above (i) (g) above (j) (h) above (k) 52° 37'·00N., 9° 08'·04W.
	symbol, anchoring prohibited	
	symbol, fishing prohibited	
Delete	⚓	

Chart [*Last correction*].— **1548** (c–e,h,i) [2624/02] — **1549** (a–d,f,g,i,k) [2624/02] — **2173** (k) [2624/02] — **2254** (inset, Continuation of River Shannon to Limerick) (k) & **2254** (k) [2624/02]
Shannon Foynes Port Company (HH.292/470/03).

2903* WALES, South Coast — Scarweather Sands Northeastwards — Hugo Bank — Depths

Insert	depth 0 ₂ m enclosed by 2m contour	(a) 51° 28'·78N., 3° 47'·37W.
Substitute	depth 0 ₂ m enclosed by 2m contour for depth 1 ₇ m enclosed by 2m contour	(b) (a) above

Note: **Positions** on both 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*].— **1169** (b) [*New Edition* 22/11/01] — **1165** (a) [2498/02]
Trinity House (HH.214/450/06).

2904* WALES, South Coast — Porthcawl Southwards — Fog signals

Insert	fog signal, <i>Bell</i> , at Tusker light–buoy	51° 26'·85N., 3° 40'·74W.
	fog signal, <i>Bell</i> , at Fairy light–buoy	51° 27'·86N., 3° 42'·07W.

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*].— **1169** [2903/02] — **1165** [2903/02] — **1179** (INT 1610) [34/02]
Trinity House (HH.214/450/06).

2905* ENGLAND, West Coast — River Severn — Royal Portbury Dock to The Shoots — Lights; Leading line

Delete	★ F.Bu.10M	(a) 51° 29'·51N., 2° 43'·92W.
	★ Q.Bu.6m10M, (charts 1166 & 1176, ★ Q.Bu.10M)	51° 30'·02N., 2° 43'·73W.
	leading line, pecked and firm line and associated legend, F.Bu.&Q.Bu≠193·5°	extending in 013·5° direction from (a) above

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*].— **1859** (INT 1655) (plan A, King Road) [2626/02] — **1166** (plan A, Avonmouth to Severn Bridge) [1923/02] — **1176** (INT 1654) [2267/02]
Light List Vol. A, 2002/03, 5491, 5491.1
Gloucester Harbour Trustees Notice 6/02 (HH.218/450/06).

2906* ENGLAND, West Coast — Bristol Channel — Watchet Harbour Northwards — Buoy

Insert	special spherical buoy with topmark, PA	51° 11'·9N., 3° 19'·7W.
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Note: **Positions** on both 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*].— **1160** (plan D, Watchet) [*New Edition* 6/6/02] — **1152** [2498/02]
Watchet Harbour Marina Ltd (HH.220/410/05).

II

2907 NORWAY, North Coast — Båtsfjorden Northeastwards — Depths

Insert	depth 366m	(a)	70° 51'·33N., 30° 06'·90E.
	depth 372m	(b)	70° 49'·50N., 30° 06'·90E.
Delete	depth 36m		close W. of (a) above
	depth 37m		close W. of (b) above

Chart [*Last correction*].— **2330** [4449/01]
Norwegian Chart 294 (HH.309/480/02).

2908 NORWAY, West Coast — Tromsø — Straumsfjorden to Kvalsundet and Kaldfjorden — Depths; Buoy; Recommended anchorages

Insert	depth 20m	(a)	69° 53'·56N., 18° 43'·19E.
	depth 5m and extend danger line NE. to enclose	(b)	69° 51'·64N., 18° 53'·34E.
	isolated danger spar buoy	(c)	close SE. of (b) above
	depth 5m with seabed character, <i>R</i> , and extend danger line		
	N. to enclose	(d)	69° 51'·18N., 18° 52'·56E.
	depth 10m enclosed by ○	(e)	69° 50'·38N., 18° 56'·23E.
	depth 12m	(f)	69° 48'·80N., 19° 00'·84E.
	depth 49 m with seabed character, <i>R</i> , and extend danger line		
	SW. to enclose	(g)	69° 47'·26N., 19° 04'·66E.
	depth 57 m and extend 10m contour SW. to enclose,		
	(chart 3763, depth 57 m and extend danger line S. to enclose)	(h)	69° 41'·10N., 18° 52'·99E.
	⚓	(i)	69° 37'·78N., 18° 56'·49E.
	depth 33 m, (chart 3763, depth 33 m with seabed		
	character, <i>R</i>)	(j)	69° 37'·01N., 18° 53'·33E.
	depth 45 m enclosed by ○, with seabed character, <i>R</i>	(k)	69° 32'·90N., 18° 46'·01E.
	depth 46m	(l)	69° 31'·60N., 18° 58'·81E.
Delete	depth 6m	(m)	close S. of (b) above
	depth 12m	(n)	close S. of (d) above
	depth 16m	(o)	close SW. of (g) above
	depth 58 m with seabed character, <i>R</i>	(p)	close NE. of (h) above
	⚓	(q)	69° 41'·03N., 18° 43'·23E.
	depth 63 m with seabed character, <i>R</i>	(r)	close W. of (j) above
	depth 48 m	(s)	close SE. of (j) above

Chart [*Last correction*].— **3751** (plan, Tromsøya) (*h,i*) [2389/02] — **3762** (*a-g,m-o*) [762/02] — **3763** (*h-l,p-r*) [2389/02] — **2366** (*j,s*) [2632/02] — **2367** (*j,s*) [1806/02]
Norwegian Chart 87 (HH.309/430/03).

2891 BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Rauma and Approaches — Lights; Depths; Recommended tracks; Buoyage; Restricted areas; Swept areas

Insert	the accompanying block, showing amendments to lights, depths, recommended tracks, buoyage and restricted areas, and new swept areas, centred on:		
Amend	light to, <i>Q.Y</i>	(a)	61° 07'·8N., 21° 25'·0E.
	light to, <i>LFLY</i>	(b)	61° 09'·66N., 21° 23'·39E.
	maximum authorised draught to, 7·5m	(c)	61° 09'·48N., 21° 25'·01E.
Delete	limit of restricted area, pecked line, joining:	(d)	61° 10'·30N., 21° 17'·60E.
		(e)	61° 01'·89N., 21° 20'·00E.
		(f)	61° 00'·00N., 21° 11'·00E.
		(g)	61° 03'·20N., 21° 12'·58E.
		(h)	61° 09'·70N., 21° 19'·30E.
		(i)	61° 08'·48N., 21° 23'·82E.
		(j)	61° 04'·71N., 21° 20'·45E.
	legend, Restricted Area (see Note), centred on:	(k)	61° 07'·4N., 21° 17'·9E.
		(l)	60° 01'·2N., 21° 13'·5E.
		(m)	61° 07'·0N., 21° 19'·5E.
		(n)	61° 01'·9N., 21° 14'·0E.
	note, RESTRICTED AREA, centred on:	(o)	61° 06'·8N., 21° 30'·7E.
		(p)	62° 13'·5N., 21° 36'·5E.

Chart [*Last correction*].— **3415** (plan E, Rauma) (*a*) (plan B, Approaches to Rauma) (*e-l,o*) [1030/02] — **2298** (*b-d,m,n,p*) [2399/02]
Light List Vol. C, 2002/03, 4424, 4424.1, 4425, 4426, 4426.1, 4430, 4430.1, 4431, 4431.1, 4437, 4437.01
Finnish Notices 11–12/210/02 and Finnish Chart 41 (HH.321/710/03).

2892 BALTIC SEA — Gulf of Finland — Helsinki — Buoyage; Depths; Recommended tracks; Coastline, Swept areas

Insert	the accompanying block, showing amendments to buoyage, depths, recommended tracks, coastline, and new swept areas, centred on:	60° 10'·50N., 24° 58'·90E.
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Chart [*Last correction*].— **2224** [2786/02]
Finnish Notice 13/236/02 (HH.322/480/05).

II

2909 BALTIC SEA — Sweden, East Coast — Oxelösund Southwards — Maximum authorised draughts

Amend	maximum authorised draught to, 6.0m	(a) 58° 37'·78N., 17° 07'·71E.
		(b) 58° 37'·68N., 17° 05'·32E.
		(c) 58° 37'·81N., 17° 08'·00E.
		(d) 58° 37'·62N., 17° 05'·13E.
		(e) 58° 37'·29N., 17° 03'·42E.
		(f) 58° 36'·59N., 16° 58'·28E.

Chart [*Last correction*].— **3218 (plan A, Oxelösund) (a,b) & 3218 (c-e)** [2645/02] — **3217 (c-f)** [1727/02]
 Swedish Maritime Authority (HH.318/445/03).

2910 BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Kristiinankaupunki Southwards — Depths

Insert	depth 26m	61° 46'·14N., 21° 06'·09E.
	depth 16 ₇ m	(a) 61° 50'·67N., 21° 06'·59E.
	depth 12 ₇ m	(b) 61° 51'·58N., 21° 09'·23E.
	depth 16 ₉ m	(c) 61° 51'·86N., 21° 04'·71E.
	depth 22m	61° 58'·56N., 21° 06'·82E.
	depth 18 ₇ m	(d) 62° 00'·86N., 21° 01'·68E.
	depth 18 ₂ m	(e) 62° 03'·29N., 21° 01'·53E.
	20m contour to enclose positions (a), (b) & (c) above, joining:	(f) 61° 49'·30N., 21° 11'·70E. (existing contour)
		(g) 61° 53'·90N., 21° 09'·10E. (existing contour)
	20m contour to enclose positions (d) & (e) above, joining:	(h) 62° 00'·65N., 21° 07'·60E. (existing contour)
		(i) 62° 04'·35N., 21° 02'·10E. (existing contour)
Delete	depth 37m	61° 45'·09N., 21° 06'·10E.
	depth 29m	61° 52'·15N., 21° 07'·30E.
	depth 22m	62° 02'·60N., 21° 03'·10E.
	former 20m contour joining:	(f) above (g) above and (h) above (i) above

Chart [*Last correction*].— **2298** [2891/02]
 Finnish Chart 43 (HH.321/660/02).

2911 BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Approaches to Mäntyluoto and Tahkoluoto — Depths

Insert	depth 14m	(a) 61° 40'·33N., 21° 20'·05E.
	depth 19 ₇ m enclosed by 20m contour	(b) 61° 36'·90N., 21° 13'·28E.
	depth 23m	(c) 61° 36'·87N., 21° 09'·32E.
	depth 10m enclosed by 10m contour	61° 34'·76N., 21° 25'·20E.
	depth 12 ₅ m	(d) 61° 34'·52N., 21° 24'·60E.
Delete	depth 16m	close SW. of (a) above
	depth 22m	close W. of (b) above
	depth 25m	close W. of (c) above
	depth 16 ₅ m	close S. of (d) above

Chart [*Last correction*].— **3415 (plan A, Approaches to Mäntyluoto and Tahkoluoto)** [2891/02]
 Finnish Chart 42 (HH.321/690/02).

2912 BALTIC SEA — Finland, South-West Coast — Approaches to Uusikaupunki — Sandbäck Southeastwards and Isokari Eastwards and Southwards — Depths

Insert	depth 7 ₃ m and extend 10m contour N. to enclose	(a) 60° 45'·35N., 20° 46'·61E.
	depth 3 ₆ m enclosed by 5m contour	(b) 60° 44'·57N., 21° 10'·15E.
	depth 8 ₇ m	(c) 60° 37'·72N., 21° 03'·73E.
Substitute	depth 3 ₆ m for depth 4 ₈ m	(d) 60° 44'·57N., 21° 10'·15E.
	depth 8 ₇ m for depth 10m	(e) 60° 37'·72N., 21° 03'·73E.
Delete	depth 9m	(f) close S. of (a) above
	depth 9 ₅ m	(g) close SE. of (c) above

Chart [*Last correction*].— **3438 (a,d,e)** [353/02] — **2297 (a-c,f,g)** [2514/02] — **2298 (a,b,f)** [2910/02]
 Finnish Chart 40 (HH.319/460/04).

2913 BALTIC SEA — Poland — Zatoka Gdańska — Explosives dumping ground

Insert	circular limit of restricted area, pecked line, radius 0.27M, centred on:	54° 44'·91N., 19° 09'·84E.
	legend, <i>Explosives Dumping Ground (disused)</i>	close N. of (a) above

Chart [*Last correction*].— **2688 (INT 1288)** [2648/02]
 Polish Notice 19/293/02 (HH.323/490/03).

II

2914 BALTIC SEA — Poland — Stolpe Bank and Southwards — Depths; Light

Insert	depth 18 ₅ m	(a)	54° 55'·23N., 16° 22'·53E.
	depth 17 ₂ m and extend 20m contour W. to enclose positions (a)–(b) above	(b)	54° 52'·75N., 16° 24'·57E.
	depth 11 ₄ m	(c)	54° 55'·23N., 16° 27'·35E.
		(d)	54° 55'·33N., 16° 27'·49E.
	depth 13 ₈ m	(e)	54° 54'·42N., 16° 42'·53E.
	depth 10 ₄ m	(f)	54° 53'·87N., 16° 49'·77E.
		(g)	54° 53'·96N., 16° 49'·91E.
	depth 19 ₆ m and extend 20m contour NW. to enclose	(h)	54° 39'·10N., 16° 34'·95E.
		(i)	54° 39'·20N., 16° 35'·09E.
	depth 16 ₈ m	(j)	54° 38'·15N., 16° 37'·47E.
		(k)	54° 38'·25N., 16° 37'·60E.
	depth 18 ₄ m enclosed by 20m contour	(l)	54° 42'·53N., 16° 55'·89E.
	depth 14 ₆ m and extend 20m contour NW. to enclose	(m)	54° 44'·98N., 16° 57'·87E.
	depth 20m enclosed by 20m contour	(n)	54° 47'·66N., 16° 56'·47E.
	depth 15 ₉ m enclosed by 20m contour	(o)	54° 48'·40N., 17° 02'·62E.
	depth 15 ₉ m and extend 20m contour W. to enclose	(p)	54° 48'·30N., 17° 02'·48E.
	depth 19 ₆ m enclosed by 20m contour	(q)	54° 50'·30N., 17° 04'·89E.
	depth 15 ₉ m	(r)	54° 57'·25N., 16° 59'·73E.
Amend	range of light to, 8–6M	(s)	54° 46'·05N., 17° 33'·00E.
Delete	depth 23m	(t)	close E. of (a) above
	depth 15 ₅ m	(u)	close NW. of (e) above
	depth 14m	(v)	close NE. of (f) above
	depth 15m	(w)	close E. of (g) above
	depth 21m	(x)	close W. of (h) above
	depth 19 ₅ m	(y)	close N. of (j) above
	depth 17m	(z)	close S. of (m) above
		(aa)	close NE. of (r) above
	depth 18m enclosed by 20m contour	(bb)	close E. of (o) above

Chart [*Last correction*].— **2150** (a–c,e,f,h,j,t,u,x,y) [2649/02] — **2369** (d,g,i,k–o,q–s,z) [2648/02] — **2816** (g,m,o,r,w,z–bb) [2649/02] — **259** (INT 120) (f,p,v) [1546/02]
 Light List Vol. C, 2002/03, 2944.5
 Polish Notices 17/274/02 & 19/295/02 (HH.323/450/03).

2915 BALTIC SEA — Denmark, East Coast — The Sound — Køge Bugt — Vester Sandhage — Depths

Substitute	depth 7m for depth 7 ₃ m	55° 35'·0N., 12° 29'·3E.
		55° 35'·7N., 12° 29'·1E.

Chart [*Last correction*].— **903** (INT 1333) [1920/02]
 Danish Chart Correction 18/116/02 (HH.333/680/03).

2916 BALTIC SEA — Denmark, East Coast — The Sound — Hollænderdybet — Depth

Insert	depth 9 ₁ m enclosed by 10m contour, (chart 2115, depth 9 ₁ m and extend 10m contour E. to enclose)	55° 40'·79N., 12° 40'·71E.
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Chart [*Last correction*].— **903** (INT 1333) [2915/02] — **2595** (INT 1332) [2641/02] — **2115** [2398/02]
 Danish Notice 19/482/02 (HH.333/660/08).

2917 BALTIC SEA — The Sound — Denmark — Københavns Havn — Inderhavnen — Kvæsthusbroen — Dredged area; Dredged depths

Insert	limit of dredged area, pecked line, joining:	(a)	55° 40'·882N., 12° 35'·633E. (shore)
		(b)	55° 40'·870N., 12° 35'·677E. (shore)
	dredged depth 5m		close SW. of (a)–(b) above
Move	dredged depth 6 ₉ m from:	(a)	above
	to:		55° 41'·900N., 12° 35'·660E.

Chart [*Last correction*].— **902** (INT 1334) [*New Edition* 20/6/02]
 Danish Notice 7/576/02 (HH.333/670/06).

2918 BALTIC SEA — Denmark, East Coast — Kattegat — Isefjord — Nykøbing Bugt — Buoyage

Insert	S. cardinal spar buoy	55° 54'·065N., 11° 41'·630E.
Substitute	S. cardinal spar light–buoy, Q(6)+LFL.15s(1.4–15.11), for S. cardinal pillar buoy	55° 53'·673N., 11° 43'·720E.

Chart [*Last correction*].— **926** [1732/02]
 Danish Notice 22/566/02 (HH.333/440/07).

II

2919 BALTIC SEA — Denmark, East Coast — Læsø Southeastwards — Depths

Insert depth 11₉ m (a) 57° 03'·90N., 11° 27'·61E.
 Delete depth 16₅ m close W. of (a) above
Chart [*Last correction*].— **2107** (INT 1301) [2653/02]
 Danish Chart 101 (HH.333/410/03).

2893 NETHERLANDS — Approaches to Westerschelde — Oostgat to Sardijnegeul — Buoyage

Insert the accompanying block, showing amendments to buoyage,
 centred on: 51° 27'·55N., 3° 31'·95E.
 port-hand can light-buoy, *Q.R SG4* (a) 51° 26'·60N., 3° 33'·91E.

Chart [*Last correction*].— **120** (INT 1479) (**plan I, Vlissingen**) (a) & **120** (INT 1479) [2795/02]
 Netherlands Notice 19/265/02 (HH.340/410/04).

2894 NETHERLANDS — Approaches to Westerschelde — Oostgat, Deurloo and Sardijnegeul — Buoyage

Insert the accompanying block, showing amendments to buoyage
 and charted detail, centred on: 51° 30'·5N., 3° 28'·0E.

Chart [*Last correction*].— **1872** [2251/02]
 Netherlands Notices 19/263/02 & 20/270/02 (HH.340/410/04).

2920* NORTH SEA — UK Sector — Bruce Gas Field Southwestwards — Restricted area

Insert circular limit of restricted area, radius 500m (0·27M),
 pecked line, centred on: 59° 40'·34N., 1° 33'·70E.
 (☉ Wells)

Chart [*Last correction*].— **292** [1638/02] — **294** [893/02]
 Health and Safety Executive & BHP Billiton Ltd (HH.254/469/02).

2921* NORTH SEA — UK Sector — Beryl Oil Field Southwards and Eastwards — Submarine pipeline

Insert submarine pipeline joining: (a) 59° 21'·65N., 1° 34'·26E.
 (☐ / ☐)
 (b) 59° 28'·70N., 1° 31'·93E. (scale)
 (c) 59° 30'·53N., 1° 31'·35E.
 (d) 59° 31'·89N., 1° 31'·96E.
 (e) 59° 32'·74N., 1° 32'·27E.
 (☐ Beryl A)
 (f) 59° 33'·21N., 1° 35'·74E.
 (E. border)
 (g) 59° 33'·72N., 1° 39'·49E.
 (☐)
 legend, *Gas* (*see Note*) (h) along (c)–(d) above
 legend, *Gas* (*see Note*), orientated NW./SE., centred on: (i) along (e)–(f) above
 legend, *Gas* (j) 59° 23'·60N., 1° 34'·00E.
 (k) along (e)–(g) above
 (l) along (a)–(c) above
 (m) along (a)–(e) above

Chart [*Last correction*].— **244** (**plan, Beryl and Ness Oil and Gas Fields**) (*b–f, h, i*) [4869/01] — **292** (*a, c, e, g, j, k*)
 [2920/02] — **2182C** (INT 1041) (*a, c, e, g, l*) [1639/02] — **2** (INT 160) (*a, e, m*) [1637/02] — **4140** (INT 140) (*a, e, m*)
 [2657/02]
 Kerr McGee, North Sea (UK) Ltd (HH.254/664/01).

2922* NORTH SEA — UK Sector — Gryphon Oil Field Northeastwards — Well; Submarine pipeline

Insert ☉ Well, least depth 108m (a) 59° 22'·11N., 1° 36'·40E.
 submarine pipeline joining: (a) above
 59° 21'·65N., 1° 34'·26E. (☐)

Chart [*Last correction*].— **292** [2921/02]
 Kerr McGee, North Sea (UK) Ltd (HH.254/650/01).

2923* NORTH SEA — UK Sector — Gryphon Oil Field Southwards — Manifold; Well; Submarine pipeline

Insert ☉ Manifold, least depth 105m (a) 59° 19'·04N., 1° 33'·28E.
 ☉ Well, least depth 104m (b) 59° 18'·54N., 1° 34'·53E.
 submarine pipeline joining: (c) (b) above
 (d) (a) above
 (e) 59° 20'·60N., 1° 34'·60E.
 (f) 59° 21'·65N., 1° 34'·26E. (☐)
 along (d)–(e) above
 legend, *Oil & Gas*

Chart [*Last correction*].— **292** [2922/02]
 Kerr McGee, North Sea (UK) Ltd (HH.254/667/01).

II

2924 NORTH SEA — Netherlands Sector — Off Texel TSS — Wreck

Insert	○ Wk, least depth 25m	(a)	52° 59'·17N., 4° 18'·09E.
Substitute	○ Wk, least depth 27½ m for ○ Wk least depth 27½ m	(b)	(a) above
Delete	○ Wk least depth 27½ m	(c)	close E. of (a) above

Chart [*Last correction*].— **2322** (INT 1415) (b) [2288/02] — **2593** (INT 1414) (a,c) [2518/02] — **1408** (b) [2518/02]
Netherlands Notice 23/305/02 (HH.340/630/04).

2925 GERMANY, North Sea Coast — The Elbe — Otterndorf — Wreck; Buoy

Delete	 N. cardinal spar buoy	(a)	53° 50'·46N., 8° 56'·78E. close NE. of (a) above
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Chart [*Last correction*].— **3625** (INT 1453) [2659/02]
German Notice 21/(21)46/02 (HH.328/540/07).

2926 NETHERLANDS — Approaches to Westerschelde — Kaloo — Buoyage

Insert	starboard-hand conical light-buoy, <i>Iso.G.4s OG3</i>	(a)	51° 35'·14N., 3° 22'·47E.
	W. cardinal light-buoy, <i>Q(9)15s OG-DR</i>		51° 34'·42N., 3° 25'·14E.
Substitute	starboard-hand conical light-buoy, <i>Iso.G.8s OG5</i> , for OG3 light-buoy		51° 33'·95N., 3° 23'·92E.
Delete	Kueerens spar buoy		close E. of (a) above

Chart [*Last correction*].— **110** (INT 1473) [2384/02] — **2449** [1737/02]
Netherlands Notices 19/264/02 & 20/270/02 (HH.340/410/04).

2895 FRANCE, North Coast — Roscoff — Quay; Dredged area; Fishing harbour; Wreck; Lighted beacon tower

Insert	the accompanying block A, showing new quay, dredged area and fishing harbour, centred on:	(a)	48° 43'·141N., 3° 57'·850W.
	the accompanying block B, showing new quay and dredged area, centred on:	(b)	48° 43'·31N., 3° 57'·71W.
		(c)	48° 45'·65N., 3° 50'·28W.
Delete	topmark at Men Guen Bras lighted beacon tower	(d)	48° 43'·822N., 3° 57'·970W.

Chart [*Last correction*].— **2745 (plan, Roscoff)** (a,d) & **2745 (b-d)** [2777/00] — **3669** (c,d) [2201/01]
Light List Vol. A, 2002/03, 1810
French Notice 19/07/02 (HH.351/600/03).

2927 FRANCE, North Coast — Dunkerque Eastwards — Malo-les-Bains — Beacons; Buoyage

Substitute	W. cardinal beacon for isolated danger beacon	(a)	51° 03'·33N., 2° 23'·23E.
		(b)	51° 03'·28N., 2° 23'·15E.
		(c)	51° 03'·43N., 2° 23'·81E.
		(d)	51° 03'·38N., 2° 23'·73E.
		(e)	51° 03'·47N., 2° 24'·73E.
		(f)	51° 03'·42N., 2° 24'·65E.
	E. cardinal beacon for isolated danger beacon	(g)	250m ENE. of (a)/(b) above
		(h)	250m E. of (c)/(d) above
		(i)	160m ENE. of (e)/(f) above
	port-hand pillar light-buoy with topmark, <i>Fl(2)R.6s E2</i> , for former E2 light-buoy	(j)	51° 04'·37N., 2° 22'·39E.

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

Chart [*Last correction*].— **1350** (a,c,e,g-j) [145/02] — **1873** (INT 1480) (a,c,e,g-i) [2251/02] — **323** (INT 1564) (b,d,f-i)
[2631/02] — **1872** (a,c,e,g-i) [2894/02]
French Notice 21/38/00 & UK Hydrographic Office (HH.351/410/05).

2928 FRANCE, North Coast — Le Havre — Rade de la Carosse — Buoy

Move	W. cardinal pillar light-buoy, <i>Q(9)15s</i> , from:	49° 27'·80N., 0° 01'·80E.
	to:	49° 27'·76N., 0° 01'·25E.

Chart [*Last correction*].— **2990** (INT 1751) [1552/02] — **2146** (INT 1750) [1552/02]
French Notice 21/40/02 (HH.351/490/05).

2929 FRANCE, West Coast — Pointe du Raz Westwards — Chaussée de Sein — Drying heights; Rocks; Legend

Substitute	drying height ≥ 6 m for drying height ≥ 2 m	(a)	48° 03'·52N., 4° 59'·31W.
	 for 	(b)	48° 03'·50N., 4° 59'·43W.
Delete	legend, Adjoining Chart 2819	(c)	S. border at longitude 5° 07'·70W

Chart [*Last correction*].— **2350** (b,c) [2070/02] — **2819** (a) [1039/02]
French Chart 7172 & UK Hydrographic Office (HH.353/405/04).

II

2930 FRANCE, West Coast — Approaches to Bayonne — Buoy

Insert special spherical light–buoy, *Fl(5)Y.20s* 43° 31′.8N., 1° 36′.8W.

Chart [*Last correction*].— **1102** [2760/02]
French Notice 22/11/02 (*HH.353/550/03*).

2931 SPAIN, North Coast — Ria de Santoña — Pta del Pasaje — Buoyage; Anchorage area

Substitute	special conical light–buoy, <i>FL.Y.2s No 1</i> , for special can buoy	43° 26′.17N., 3° 27′.25W.
	special conical light–buoy, <i>FL.Y.2s No 2</i> , for special can buoy	43° 26′.02N., 3° 27′.35W.
	special conical light–buoy, <i>FL.Y.2s No 3</i> , for special can buoy	(a) 43° 25′.86N., 3° 27′.36W.
Insert	special conical light–buoy, <i>FL.Y.2s No 4</i>	(b) 43° 25′.73N., 3° 27′.36W.
	limit of anchorage area, pecked line, joining:	(a) above
		(b) above
		and
		43° 25′.72N., 3° 27′.12W. (shore)
Delete	former limit of anchorage area, pecked line, joining:	(a) above
		43° 25′.85N., 3° 27′.08W. (shore)

Chart [*Last correction*].— **1171 (plan, Ria de Santoña)** [2498/02]
Spanish Notice 16/297/02 (*HH.359/460/03*).

2932 SPAIN, North Coast — Approaches to Ria de Santoña — Laredo — Light–beacon

Amend light–beacon to, *Fl.G.5s2M* 43° 24′.94N., 3° 25′.13W.
Light List Vol. D, 2001/02, 1541

Chart [*Last correction*].— **1171 (plan, Ria de Santoña)** [2931/02]
Spanish Notice 18/330/02 (*HH.359/460/03*).

2933 SPAIN, West Coast — Ria de Arosa — Bajo Los Mezos — Buoyage

Substitute starboard–hand pillar light–buoy with topmark, *Fl.G.5s5M*,
for red and black can light–buoy,
(chart 1768, starboard–hand pillar light–buoy with topmark,
Fl.G.5s, for red and black can light–buoy) 42° 30′.94N., 8° 55′.74W.

Chart [*Last correction*].— **1764** [2522/02] — **1768** [2760/02]
Spanish Notice 23/415/02 (*HH.359/600/03*).

2934 NORTH ATLANTIC OCEAN — Islas Canarias — Gran Canaria — Approaches to Las Palmas — Buoy

Delete ODAS light–buoy 28° 05′.86N., 15° 22′.68W.

Chart [*Last correction*].— **1856** [4792/01]
Spanish Notice 22/400/02 (*HH.419/430/03*).

2896 MEDITERRANEAN SEA — Greece — Pagasitikós Kólpos — Órmos Sóurpis — Depths; Wreck; Foul; Lights; Jetties; Recommended anchorages

Insert the accompanying block, showing amendments to depths,
wreck, foul, lights, jetties and recommended anchorages,
centred on: 39° 10′.70N., 22° 52′.60E.
Light List Vol. E, 2001/02, 4443, 4444

Chart [*Last correction*].— **1556** [2320/01]
Greek Chart 312/2 and Greek Notice 4/119/02 (*HH.382/450/02*).

2935 MEDITERRANEAN SEA — Spain, South Coast — Cabo de Gata Southeastwards — Fish haven

Insert limit of fish haven, dotted line, joining: 36° 42′.6N., 2° 10′.9W.
36° 42′.0N., 2° 11′.0W.
36° 42′.4N., 2° 09′.9W.
36° 42′.8N., 2° 09′.9W.

Chart [*Last correction*].— **774** [1460/02]
Spanish Notice 22/403/02 (*HH.361/440/03*).

II

2936 MEDITERRANEAN SEA — Spain, South–East Coast — Puerto de Mazarron — Light

Amend light to, *Fl(2)R.5s9m4M* 37° 33'·95N., 1° 15'·22W.

Chart [*Last correction*].— **1189** (INT 3164) [2075/02]

Light List Vol. E, 2001/02, 0120.5

Spanish Notice 22/404/02 (HH.361/470/03).

2937 MEDITERRANEAN SEA — Italy, West Coast — Golfo di Napoli Southwards — Bocca Piccola — Restricted area

Insert limit of restricted area, pecked line, joining: (a) 40° 35'·0N., 14° 17'·2E.
(b) 40° 35'·0N., 14° 17'·6E.
40° 34'·8N., 14° 17'·6E.
40° 34'·8N., 14° 17'·2E.
close N. of (a)–(b) above

Substitute legend, *Restricted Area (see Note)*
the accompanying note, RESTRICTED AREAS,
for existing note, centred on: 40° 51'·2N., 14° 42'·6E.

Chart [*Last correction*].— **908** [446/02]

Italian Notice 5/5.42/02 (HH.369/610/03).

2938 MEDITERRANEAN SEA — Turkey — Marmara Denizi — İnce Br. — Light

Amend range of light to, *10M* 40° 33'·5N., 26° 59'·8E.

Chart [*Last correction*].— **1004** [2423/02] — **224** [2677/02]

Light List Vol. E, 2001/02, 4880

Turkish Notice 19/96/02 (HH.393/410/02).

2939 MEDITERRANEAN SEA — Turkey, South–East Coast — İskenderun Körfezi — Depths

Insert depth 13m (a) 36° 33'·33N., 35° 35'·60E.
depth 53m (b) 36° 32'·45N., 35° 56'·26E.
depth 54m (c) 36° 31'·76N., 35° 55'·60E.
depth 70m (d) 36° 26'·73N., 35° 31'·18E.
Delete depth 15₈ m close NE. of (a) above
depth 73m close NW. of (b) above
depth 79m (d) above
depth 68m close N. of (c) above

Chart [*Last correction*].— **2185** [*New Edition* 21/3/02] — **2632** (a,d) [1383/02]

Turkish Chart 334 (HH.389/470/02).

2940 MEDITERRANEAN SEA — Turkey, South–East Coast — İskenderun Körfezi — Ceyhan Limani — Jetty; Dolphin

Insert jetty, double firm line, width 30m, (a) 36° 54'·46N., 35° 58'·37E. (shore)
(main sheet, jetty, single firm line), joining: (a) 36° 54'·35N., 35° 58'·45E.

jetty, double pecked line, width 30m,
(main sheet, jetty, single pecked line), joining: (a) above
36° 54'·23N., 35° 58'·52E.
36° 54'·03N., 35° 58'·50E.

□ (b) 36° 54'·40N., 35° 58'·52E.
jetty, single firm line, joining: (a) above
(b) above

Chart [*Last correction*].— **2185** (plan A, Ceyhan Limani) & **2185** [2939/02]

Turkish Chart 334 (HH.389/480/02).

2941* MEDITERRANEAN SEA — Israel — Ashqelon — Lights; Breakwater

Insert ★ *Fl(2)G.6s* (a) 31° 38'·51N., 34° 31'·22E.
breakwater, single firm line, joining: (a) above
(b) 31° 38'·44N., 34° 31'·16E.
(b) above

Delete ★ *Fl.G*

Chart [*Last correction*].— **1591** (INT 3681) (plan D, Ashqelon) & (plan E, Tel Aviv to Ashqelon) [2204/02]

Light List Vol. E, 2001/02, 5971

Eilat Ashqelon Pipeline Company (HH.403/420/03).

II

2942 AFRICA, South–West Coast — Namibia — Approaches to Walvis Bay and Walvis Bay Harbour — Anchorage areas; Depths; Mooring buoys

Insert	limit of anchorage area, pecked line, joining:	(a) 22° 51′.33S., 14° 31′.20E. (b) 22° 51′.33S., 14° 29′.36E. (c) 22° 51′.98S., 14° 30′.03E. (d) 22° 51′.98S., 14° 31′.20E. (e) within (a)–(d) above
	⚓ <i>No 1</i>	(f) 22° 53′.08S., 14° 28′.33E. (g) 22° 53′.08S., 14° 27′.03E. (h) 22° 53′.98S., 14° 27′.03E. (i) 22° 53′.98S., 14° 28′.33E. (j) within (f)–(i) above
	limit of anchorage area, pecked line, joining:	(k) 22° 53′.22S., 14° 29′.88E. (l) 22° 53′.39S., 14° 29′.39E. (m) 22° 56′.56S., 14° 29′.46E. (n) 22° 54′.30S., 14° 28′.07E.
	⚓ <i>No 2</i>	(o) close NW. of (k) above
	depth 13 ₃ m	(p) close SE. of (l) above
	depth 12 ₉ m	(q) 22° 54′.48S., 14° 28′.12E. (r) 22° 55′.54S., 14° 28′.54E. (s) 22° 56′.63S., 14° 29′.18E.
	depth 0 ₈ m enclosed by 2m contour	
	special ⚓	
Delete	depth 14 ₅ m	
	depth 14m	
	special ⚓	

Chart [*Last correction*].— **629 (plan, Walvis Bay Harbour) (l,m,p,s) & 629 [1767/01]**
 South African Chart 1001 (HH.449/410/04).

2943 ARABIA — Bahrain — Approaches to Minā' Sulmān — Buoyage; Radar beacons; Anchorage area

Insert	S. cardinal pillar light–buoy with radar beacon, VQ(6)+LFL.10s Sitrah Racon(Z)	(a) 26° 10′.23N., 50° 42′.84E. (b) 26° 11′.05N., 50° 40′.70E. (existing limit) (a) above
	limit of anchorage area, pecked line, joining:	(c) 26° 10′.11N., 50° 40′.78E. (existing limit)
Delete	S. cardinal pillar light–buoy with radar beacon, VQ(6)+LFL.10s Sitrah Racon(X)	(d) 26° 10′.290N., 50° 42′.850E. (b) above (d) above (c) above
	former limit of anchorage area, pecked line, joining:	

Chart [*Last correction*].— **3796 [3996/00] — 3792 [3996/00]**
 Admiralty List of Radio Signals Vol. 2, 2002/03: 77640 (27/02)
 Bahraini Chart 1501 (HH.490/400/05).

2944 ARABIA — Iran — Approaches to Bandar–e–Shahīd Rajāi — Buoyage; Lights

Amend	safe water light–buoy to, <i>Iso</i>	(a) 27° 04′.35N., 56° 09′.26E.
	No 2 light–buoy to, <i>FL.R.4s</i>	(b) 27° 04′.55N., 56° 07′.35E.
	No 1 light–buoy to, <i>Fl(3)G.6s</i>	(c) 27° 04′.82N., 56° 06′.87E.
	No 4 light–buoy to, <i>Fl(2)R.3s</i>	(d) 27° 04′.70N., 56° 06′.40E.
	No 3 light–buoy to, <i>Fl(2)G.6s</i>	(e) 27° 05′.10N., 56° 05′.50E.
	No 6 light–buoy to, <i>FL.R.3s</i>	(f) 27° 05′.04N., 56° 05′.00E.
	light to, <i>Fl(3)G.5s</i>	(g) 27° 05′.52N., 56° 04′.09E.
	light to, <i>FL.R.7s</i>	(h) 27° 05′.27N., 56° 03′.87E.
	light to, <i>FL.G.3s</i>	(i) 27° 05′.40N., 56° 04′.35E.
	light to, <i>FL.R.2s</i>	(j) 27° 05′.20N., 56° 04′.17E.

Chart [*Last correction*].— **3599 (plan A, Bandar–e–Shahīd Rajāi) (e–j) & 3599 [4465/00] — 3173 (a) [4465/00] — 2888 (a) [2681/02]**
 Light List Vol. D, 2001/02, 7708, 7708.2, 7708.4, 7708.5
 Iranian Notice 6/02 (HH.496/450/02).

II

2945 INDIA, West Coast — Gulf of Kachchh — Approaches to Okha — Buoyage

Insert	port-hand can light-buoy with topmark, <i>FL.R.17s No 1</i>	(a)	22° 30'·664N., 69° 05'·194E.
	port-hand can light-buoy with topmark, <i>FL.R.17s No 2</i>	(b)	22° 29'·457N., 69° 05'·686E.
	port-hand can light-buoy with topmark, <i>FL.R.17s No 3</i>	(c)	22° 29'·030N., 69° 05'·525E.
	starboard-hand conical light-buoy with topmark, <i>FL.G.17s No 4</i>	(d)	22° 29'·084N., 69° 05'·416E.
Amend	No 1 light-buoy to, <i>FL.R.17s</i>	(e)	(a) above
Move	No 4 buoy from:		22° 28'·83N., 69° 05'·45E.
	to:		22° 28'·798N., 69° 05'·470E.
Delete	former No 1 light-buoy	(f)	170m SSE. of (a) above
	former No 2 port-hand buoy	(g)	60m WNW. of (b) above
	former No 3 buoy		120m W. of (c) above
	former No 4 buoy		40m SSW. of (d) above
	No 5 buoy		22° 28'·17N., 69° 05'·10E.
	No 2 starboard-hand buoy,		
	(chart 673 plan, Approaches to Okha, starboard-hand buoy)	(h)	22° 29'·71N., 69° 05'·32E.

Chart [*Last correction*].— **673 (plan, Port of Okha) & (plan, Approaches to Okha)** (*a-c, f-h*) [86/02] — **43 (e)** [2688/02]
 Indian Notices 10/182/01 & 10/196/02 (HH.502/410/04).

2946 INDIA, East Coast — Ennore — Legend; Pilot boarding place; Buoy; Platform; Obstruction

Insert	legend, <i>Ennore</i> , centred on:	(a)	13° 15'·0N., 80° 16'·0E.
	①	(b)	13° 14'·90N., 80° 23'·34E.
	safe water pillar light-buoy with topmark, <i>FL.5s Fairway</i>	(c)	13° 12'·82N., 80° 22'·50E.
Amend	legend to, <i>ENNORE</i> , centred on:	(d)	13° 15'·0N., 80° 19'·2E.
Substitute	▣ <i>Plem</i> , for ○ <i>Obstn</i>	(e)	13° 12'·7N., 80° 20'·7E.

Note: The above update will be included in New Edition of Chart 574 published 4 July 2002.

Chart [*Last correction*].— **2063 (b-e)** [3858/01] — **827 (a)** [2125/01] — **828 (a)** [1830/02]
 Indian Chart 3028 (HH.503/431/01).

2947 SOUTH CHINA SEA — Pulau Subi Besar Westwards — Depths

Substitute	depth 37m for depth 20m and associated 20m contour	3° 02'·35N., 108° 32'·80E.
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Chart [*Last correction*].— **1311** [2693/02]
 UK Hydrographic Office (HH.553/430/02).

2948 CHINA SEA — T'ai-wan, West Coast — Kao-Hsiung — Chi' Ching and Shan Ch'uan Westwards — Radar beacons; Light

Insert	radar beacon, <i>Racon(AA)(3cm)</i> , at light	(a)	22° 37'·36N., 120° 14'·93E.
Amend	range of light to, <i>15M</i>	(a)	above
Delete	radar beacon, <i>RC Racon(AA)(3cm)</i> , (charts 3230 & 2409, radar beacon, <i>RC Racon(AA)</i>), at light	(b)	22° 37'·02N., 120° 15'·42E.

Chart [*Last correction*].— **2376** [2094/02] — **3230** [1479/02] — **3232** [1479/02] — **2409 (a,b)** [2617/02]
 Light List Vol. F, 2001/02, 4618, 4620
 Admiralty List of Radio Signals Vol. 2, 2001/02: 80830 (21/02)
 Taiwanese Notices 3/18/02 & 3/21/02 (HH.549/404/03).

2949 CHINA, East Coast — Dong Hai — Mazu Liedao and Baiquan — Wrecks; Depth

Insert	⊕	(a)	26° 10'·03N., 119° 54'·03E.
		(b)	25° 58'·99N., 119° 55'·10E.
	depth 10 ₆ m enclosed by 20m contour	(c)	26° 06'·88N., 120° 01'·02E.
Delete	⚓ Rep	(d)	close S. of (a) above

Chart [*Last correction*].— **2400** [2320/02] — **1761** [2698/02] — **1754 (a,c,d)** [2533/02]
 Taiwanese Charts 0304B & 04527 (HH.548/462/02).

2950 CHINA, East Coast — Zhoushan Qundao — Zhongjieshan Qundao — Depths; Obstruction

Insert	depth 3 ₄ m enclosed by 5m contour	30° 14'·40N., 122° 28'·00E.
	depth 8 ₈ m enclosed by 10m contour	30° 12'·95N., 122° 40'·00E.
	depth 13 ₆ m enclosed by 20m contour	30° 10'·35N., 122° 43'·70E.
	○ <i>Obstn</i>	30° 14'·00N., 122° 45'·30E.

Chart [*Last correction*].— **1124 (continuation, Zhongjieshan Qundao)** [2536/02]
 Chinese Chart 13370 (HH.548/468/04).

II

2951 CHINA, East Coast — Changjiangkou Beijiǎo Northeastwards — Wreck

Substitute ⚓ PA, for ○ Wk safe clearance depth 18m PA,
(chart 2412, ⚓ PA, for ○ Wk safe clearance depth 18m) 31° 59'00N., 122° 34'70E.
Chart [*Last correction*].— **3480** [1680/02] — **2412** [2325/02]
Chinese Chart 13100 (HH.555/400/03).

2952 JAPAN — Kyūshū, South Coast — Kagoshima Wan — Taniyama Eastwards — Pilot boarding place; Obstruction

Insert ① Taniyama 31° 30'31N., 130° 34'36E.
Delete ① Taniyama 31° 30'71N., 130° 33'85E.
○ Obsn least depth 14₆ m 31° 27'05N., 130° 31'91E.

Chart [*Last correction*].— **654 (plan C, Kagoshima)** [*New Edition* 28/3/02]
Admiralty List of Radio Signals Vol. 6(4), 2001/02: (26/02)
Japanese Chart W214B (HH.564/402/02).

2953 JAPAN — Honshū — Seto Naikai — Akashi Kaikyō — Wreck

Insert ⚓ 34° 37'84N., 135° 01'77E.
Chart [*Last correction*].— **3614** [2333/02]
Japanese Notice 22/765/02 (HH.568/500/07).

2954 JAPAN — Seto Naikai — Ieshima Shotō — Nishi Shima Southwestwards — Fish haven

Insert ⚓ 34° 38'20N., 134° 27'00E.
Chart [*Last correction*].— **3606** [1156/02]
Japanese Notice 18/622/02 (HH.568/485/08).

2955 JAPAN — Honshū, North-West Coast — Kasumi Kō — Lights

Insert ★ Iso.6s88m13M 35° 38'94N., 134° 37'70E.
Delete ★ Fl.R.3M & Fl.G.2M 35° 38'8N., 134° 37'6E.
Chart [*Last correction*].— **1324** [*New Edition* 7/3/02]
Light List Vol. F, 2001/02, 7281, 7282, 7283
Japanese Chart W1186 (HH.563/475/07).

2956 JAPAN — Honshū, East Coast — Shiogama Ku and Sendai Ku — Depths

Insert depth 9₂ m enclosed by 10m contour
with seabed character, *R* (a) 38° 17'10N., 141° 06'75E.
depth 8₉ m enclosed by 10m contour 38° 17'03N., 141° 06'67E.
depth 9₃ m enclosed by 10m contour 38° 16'91N., 141° 06'11E.
depth 8₄ m enclosed by 10m contour (b) 38° 16'85N., 141° 05'98E.
depth 1₄ m enclosed by 2m contour
and extend 5m contour E. to enclose (c) 38° 16'72N., 141° 03'57E.
Delete depth 10₉ m close S. of (a) above
depth 11₈ m close N. of (b) above
depth 1₉ m and associated contour close S. of (c) above

Chart [*Last correction*].— **2959 (plan B, Shiogama and Sendai)** [2702/02]
Japanese Notice 16/575/02 (HH.563/455/03).

2957 KOREA, West Coast — P'Yōngt'Aek Hang — Buoyage

Move 'A' light-buoy from: 36° 59'83N., 126° 44'66E.
to: 37° 00'15N., 126° 43'92E.
'B' light-buoy from: 37° 00'04N., 126° 44'84E.
to: 37° 00'30N., 126° 44'10E.

Chart [*Last correction*].— **1271 (plan B, P'Yōngt'Aek)** [2546/02]
Korean Notice 24/315/02 (HH.557/416/04).

2958 KOREA, South Coast — North Outer Harbour and North Inner Harbour — Buoyage

Move 'A' light-buoy from: 35° 06'97N., 129° 03'76E.
to: 35° 07'28N., 129° 03'93E.
'B' light-buoy from: 35° 07'15N., 129° 03'83E.
to: 35° 07'40N., 129° 04'00E.
Delete No 1 light-buoy 35° 05'05N., 129° 05'70E.

Chart [*Last correction*].— **1259 (plan, Pusan)** [2704/02]
Korean Notices 20/259/02 & 21/273/02 (HH.557/460/11).

II

2959 PHILIPPINE ISLANDS — Visayan Sea — Carnasa Island — Light

Amend light to, *Fl(2)10s* 11° 31'0N., 124° 06'0E.

Chart [*Last correction*].— **3823** [2705/02] — **3808** [1764/02] — **3810** [1765/02]

Light List Vol. F, 2001/02, 2412.5

Philippine Hydrographic Office (HH.552/515/02).

2960 PHILIPPINE ISLANDS — Visayan Sea — Tanguingui Island — Light

Amend light to, *Fl.5s128ft15M* 11° 29'3N., 123° 43'4E.

Chart [*Last correction*].— **3822** [2705/02] — **3823** [2959/02] — **3808** [2959/02]

Light List Vol. F, 2001/02, 2296

Philippine Hydrographic Office (HH.552/500/04).

2961* INDONESIA — Kalimantan, East Coast — Teluk Apar Eastwards — Depth

Insert depth 15 m enclosed by ☉, *Rep (2002) PA*,
(chart 941B, depth 8½ fm enclosed by ☉ *Rep (2002) PA*) 2° 03'0S., 116° 58'5E.

Chart [*Last correction*].— **3014** [291/02] — **941B** [3969/01]

mv *Adrian* (HH.527/640/02).

2962 AUSTRALIA — New South Wales — Port Jackson — The Sound — Buoyage

Insert special pillar light–buoy with topmark, *FL.Y.5s*

(a)	33° 49'18S., 151° 17'06E.
(b)	33° 48'86S., 151° 16'50E.
(c)	33° 49'27S., 151° 16'99E.

Chart [*Last correction*].— **Aus 201** (a,b) [*New Edition* 6/7/01] — **Aus 200** (c) [1402/02]

Australian Notice 11/328/02 (HH.571/009/02).

2963 AUSTRALIA — Queensland — Moreton Island Eastwards — Depth

Substitute depth 59fm for depth 94fm 27° 05'3S., 153° 39'4E.

Chart [*Last correction*].— **Aus 364** [3970/01]

Australian Notice 11/329/02 (HH.571/009/02).

2964 AUSTRALIA — Queensland — Approaches to Moreton Bay — Northwest Channel and Spitfire Channel — Maintained depths

Amend maintained depth to, *14.0m*, centred on:

	26° 55'4S., 153° 11'7E.
(a)	27° 00'7S., 153° 14'6E.
(b)	27° 03'0S., 153° 17'0E.

Chart [*Last correction*].— **Aus 235** [942/02] — **Aus 236** (a,b) [2112/02]

Australian Notice 11/330/02 (HH.571/009/02).

2965 AUSTRALIA — Queensland — Hay Point Northwards — Spoil ground

Delete limit of spoil ground, pecked line, and associated legend,
Spoil Ground (disused), centred on:

(a)	21° 14'67S., 149° 17'92E.
(b)	21° 14'7S., 149° 17'9E.

Chart [*Last correction*].— **Aus 250** (plan, Hay Point) (a) [716/02] — **Aus 249** (b) [2114/02]

Australian Notice 11/332/02 (HH.571/009/02).

2966 AUSTRALIA — Queensland — Laguna Quays — Light–beacons

Move	No 1 light–beacon from:	20° 35'92S., 148° 41'49E.
	to:	20° 35'917S., 148° 41'489E.
	No 5 light–beacon from:	20° 36'04S., 148° 41'14E.
	to:	20° 36'048S., 148° 41'115E.
	No 6 light–beacon from:	20° 36'08S., 148° 41'16E.
	to:	20° 36'091S., 148° 41'134E.

Chart [*Last correction*].— **Aus 252** (plan, Laguna Quays) [2553/02]

Light List Vol. K, 2002/03, 3062.53, 3062.57, 3062.58

Australian Notice 11/333/02 (HH.571/009/02).

II

2967 AUSTRALIA — Northern Territory — Darwin — Fannie Bay — Emery Point Northeastwards — Buoy; Depth

Insert port-hand can light-buoy with topmark, *Q.R.3s* (a) 12° 27'·11S., 130° 48'·84E.
Delete depth 6 m close W. of (a) above

Chart [*Last correction*].— **Aus 28 (plan, Port Darwin)** [5140/01]

Australian Notice 11/335/02 (HH.571/009/02).

2968 AUSTRALIA — Northern Territory — Darwin — East Arm — Mooring Buoys; Depth

Insert  (a) 12° 28'·950S., 130° 51'·425E.
(b) 12° 29'·767S., 130° 52'·339E.
Delete  (c) 12° 28'·61S., 130° 51'·46E.
(d) 12° 29'·74S., 130° 52'·33E.
depth 127 m (e) 12° 29'·0S., 130° 51'·4E.

Chart [*Last correction*].— **Aus 28 (plan, Port Darwin) (a,c) & (plan, East Arm) (a-d)** [2967/02] — **Aus 26** [1999/02]

Australian Notice 11/336/02 (HH.571/009/02).

2969 AUSTRALIA — Western Australia — Shark Bay — Denham Sound — Shoaling

Insert danger line, dotted line, joining: 25° 46'·06S., 113° 20'·84E.
25° 48'·48S., 113° 21'·16E.
25° 47'·60S., 113° 20'·46E.
25° 46'·18S., 113° 20'·35E.
Amend legend to, *Shoaling Rep* (2002), centred on: 25° 46'·7S., 113° 21'·5E.
Delete depth 2fm 25° 45'·9S., 113° 20'·7E.
3fm contour joining: 25° 46'·06S., 113° 20'·84E.
25° 47'·00S., 113° 20'·50E.
25° 46'·18S., 113° 20'·35E.

Chart [*Last correction*].— **Aus 331** [940/02]

Australian Notice 11/337/02 (HH.571/009/02).

2970 AUSTRALIA — Western Australia — Jurien Bay — Sandy Point Westwards — Historic Wreck

Insert circular limit of restricted area, pecked line, centred on: (a) 30° 12'·6S., 114° 49'·5E.
legend, *Historic Wreck* (see Note) close E. of (a) above

Chart [*Last correction*].— **Aus 333** [2110/02]

Australian Notice 11/338/02 (HH.571/009/02).

2971 AUSTRALIA — South Australia — Port Neil — Light-beacon

Insert light-beacon, *Fl.4s* 34° 07'·189S., 136° 21'·193E.

Chart [*Last correction*].— **Aus 777** [2119/02]

Light List Vol. K, 2002/03, 1895

Australian Notice 11/339/02 (HH.571/009/02).

2972 AUSTRALIA — South Australia — Arno Bay — Light-beacon; Beacon

Substitute isolated danger light-beacon, *Fl(2)10s*,
for isolated danger beacon 33° 54'·99S., 136° 35'·20E.

Chart [*Last correction*].— **Aus 777** [2971/02]

Light List Vol. K, 2002/03, 1898

Australian Notice 11/340/02 (HH.571/009/02).

2973 AUSTRALIA — South Australia — Port Noarlunga — Fish haven

Insert  35° 08'·97S., 138° 26'·44E.

Chart [*Last correction*].— **Aus 781 (plan, Approaches to Port Adelaide)** [2562/02]

Australian Notice 11/342/02 (HH.571/009/02).

2974 AUSTRALIA — Victoria — Port Phillip — Limeburners Channel — Buoy

Insert S. cardinal spar light-buoy, *Q(6)+LFl.15s* 38° 04'·4S., 144° 24'·5E.

Chart [*Last correction*].— **Aus 157** [2852/02]

Australian Notice 11/343/02 (HH.571/009/02).

II

2975 AUSTRALIA — Victoria — Port Phillip — Blairgowrie — Light; Light-beacons

Insert ★ *Q(9)15s* (a) 38° 21'·394S., 144° 46'·249E.
 (b) 38° 21'·39S., 144° 46'·25E.
 starboard-hand light-beacon, *Fl.G.4s* (c) 38° 21'·390S., 144° 46'·177E.
 port-hand light-beacon, *Fl.R.2s* (d) 38° 21'·453S., 144° 46'·405E.

Chart [*Last correction*].— **Aus 158** (*a,c,d*) [1529/02] — **Aus 143** (*b*) [2853/02]

Light List Vol. K, 2002/03, 2321.1, 2321.2, 2321.4

Australian Notice 11/344/02 (*HH.571/009/02*).

2976 NEW ZEALAND — North Island, East Coast — Hauraki Gulf — Waiheke Channel — Buoy

Insert isolated danger spar light-buoy, *Fl(2)5s* 36° 50'·88S., 175° 09'·2E.

Chart [*Last correction*].— **NZ 53** [1162/02]

New Zealand Notice 11/93/02 (*HH.580/009/02*).

2977 NORTH AMERICA, West Coast — Alaska — Cook Inlet — Fire Island — Lights; Buoy

Delete ★ Ldg Iso & F 61° 09'·5N., 150° 13'·8W.
 starboard-hand pillar light-buoy *Fl.R Bell* 60° 27'·0N., 152° 07'·0W.

Chart [*Last correction*].— **1499** [2711/02]

Light List Vol. G, 2001/02, 6740.2, 6740.21

U.S. Notices 22/16662/02 & 25/16665/02 (*HH.611/425/03*).

2978 NORTH AMERICA, West Coast — California — Humboldt Bay — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS
 (Humboldt Bay and Harbor), for existing table, centred on: 40° 48'·60N., 124° 15'·75W.

Move legend, Sources: United States Government chart of 1993
 with later corrections., centred on, from: 40° 49'·23N., 124° 16'·32W.
 to: 40° 49'·37N., 124° 16'·32W.

Note: The legend, Sources:, has been moved to accommodate the new CHANNEL DEPTHS table which is larger than the existing table.

Chart [*Last correction*].— **3095 (plan, Humboldt Bay)** [2860/02]

U.S. Notice 26/18622/02 (*HH.612/012/2002*).

2979 NORTH AMERICA, West Coast — California — Suisun Bay — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Suisun Bay),
 for existing table, centred on: 37° 57'·4N., 122° 17'·4W.

Chart [*Last correction*].— **590** [2713/02]

U.S. Notice 26/18656/02 (*HH.612/012/2002*).

2980 NORTH AMERICA, West Coast — California — Bodega Bay — Wreck

Insert ☸ *PA* 38° 16'·00N., 123° 00'·99W.

Chart [*Last correction*].— **3120** [4184/01] — **229** [116/02]

U.S. Notice 24/18643/02 (*HH.612/435/02*).

II

2981 SOUTH AMERICA, East Coast — Argentina — Río de La Plata — Pozos del Barca Grande — Buoyage; Legend

Amend	legend to, <i>marked channel</i> , centred on:	(a)	34° 16′.00S., 58° 22′.00W.
Delete	Km 54 buoy	(b)	34° 11′.85S., 58° 20′.65W.
	Km 52.2 buoy	(c)	34° 12′.80S., 58° 20′.80W.
	Km 51 buoy	(d)	34° 13′.38S., 58° 20′.95W.
	Km 49.8 buoy	(e)	34° 14′.13S., 58° 21′.25W.
	Km 47.7 buoy	(f)	34° 15′.10S., 58° 21′.30W.
	Km 46.3 buoy	(g)	34° 15′.78S., 58° 21′.30W.
	port-hand conical buoy	(h)	close W. of (g) above
	Km 45.1 buoy	(i)	34° 16′.35S., 58° 21′.70W.
	Km 43.9 buoy	(j)	34° 17′.00S., 58° 22′.14W.
	Km 42.7 buoy	(k)	34° 17′.58S., 58° 22′.95W.
	Km 41.5 buoy	(l)	34° 18′.10S., 58° 23′.30W.
	Km 40.3 buoy	(m)	34° 18′.50S., 58° 23′.65W.
	starboard-hand conical buoy	(n)	close SE. of (m) above
	Km 39.2 buoy	(o)	34° 18′.96S., 58° 24′.00W.
	Km 38 buoy	(p)	34° 19′.35S., 58° 24′.50W.
	port-hand conical buoy	(q)	close NW. of (p) above
	Km 36.9 buoy	(r)	34° 19′.25S., 58° 25′.60W.
	Km 35.7 buoy	(s)	34° 19′.40S., 58° 26′.50W.
	port-hand conical buoy	(t)	close SW. of (s) above
	green conical light-buoy, Fl.G	(u)	34° 21′.20S., 58° 23′.95W.
		(v)	34° 21′.20S., 58° 22′.75W.
	green conical buoy	(w)	close NE. of (u) above
		(x)	close W. of (v) above

Chart [*Last correction*].— **3561** (b-t) [2572/02] — **1982A** (panel A) (a,u-x) [4395/99]
Argentine Notice 7/35/02 (HH.651/464/02).

2982 SOUTH AMERICA, East Coast — Argentina — Río de La Plata — Buenos Aires — Puerto San Isidro — Wrecks

Insert		34° 27′.44S., 58° 29′.60W.
Delete		34° 27′.30S., 58° 30′.00W.

Chart [*Last correction*].— **3561** [2981/02]
Argentine Notice 9/55/02 (HH.651/464/02).

II

2983 SOUTH AMERICA, East Coast — Argentina — Río de La Plata — Rada La Plata Northeastwards —

Submarine pipeline; Restricted area

Insert	the accompanying note, PIPELINES, centred on:	(a) 34° 50'·65S., 57° 57'·50W. (b) 34° 52'·00S., 58° 22'·90W. (c) 35° 46'·20S., 58° 18'·20W. (d) 34° 49'·21S., 57° 57'·99W. (shore) (e) 34° 49'·17S., 57° 57'·97W. (shore) (f) 34° 46'·60S., 57° 56'·73W. (N. border) (g) 34° 44'·54S., 57° 55'·76W. (h) 34° 42'·34S., 57° 54'·34W. (i) 34° 39'·97S., 57° 52'·04W. (j) 34° 35'·86S., 57° 47'·30W. (E. border) (k) 34° 26'·77S., 57° 36'·86W. (l) 34° 25'·84S., 57° 36'·79W. (shore) (m) along (d)–(f) above (n) along (h)–(i) above (o) along (j)–(k) above
	submarine pipeline joining:	
	legend, Gas (<i>see Note</i>)	
	limit of restricted area, anchoring and fishing prohibited, pecked line, joining:	(p) 34° 48'·85S., 57° 58'·52W. (shore) (q) 34° 48'·60S., 57° 58'·40W. (W. border) (r) 34° 46'·60S., 57° 57'·44W. (N. border) (s) 34° 44'·30S., 57° 56'·33W. (t) 34° 42'·00S., 57° 54'·87W. (u) 34° 39'·60S., 57° 52'·53W. (v) 34° 35'·06S., 57° 47'·30W. (E. border) and (w) 34° 49'·60S., 57° 57'·46W. (shore) (x) 34° 49'·55S., 57° 57'·42W. (shore) (y) 34° 45'·70S., 57° 55'·59W. (N. border) (z) 34° 44'·80S., 57° 55'·14W. (aa) 34° 42'·71S., 57° 53'·80W. (bb) 34° 40'·35S., 57° 51'·56W. (cc) 34° 36'·66S., 57° 47'·30W. (E. border)
Delete	limit of restricted area, submarine cable area, pecked line, joining:	(dd) 34° 49'·02S., 57° 58'·27W. (shore) (ee) 34° 46'·60S., 57° 57'·49W. (N. border) and (ff) 34° 49'·14S., 57° 58'·08W. (shore) (gg) 34° 45'·70S., 57° 54'·72W. (N. border)

Chart [*Last correction*].— **1751** (plan, Puerto de La Plata) (*a,d,f,m,q,r,w,y,dd–gg*) [5151/01] — **3561** (*b,e,g–j,n,p,s–v,x,z–cc*) [2982/02] — **1749** (*c,e,g–i,k,l,o*) [*New Edition 14/2/02*]
Argentine Notice 10/67/02 (HH.651/460/01).

2984 SOUTH AMERICA, East Coast — Brazil, North Coast — Approaches to Fortaleza — Wrecks

Insert	⊗ PA, (chart 528, ⊗)	(a) 3° 39'·02S., 38° 32'·10W. 3° 34'·03S., 38° 34'·00W.
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Chart [*Last correction*].— **3955** (*a*) [2720/02] — **3957** [2128/02] — **528** [2574/02]
Brazilian Notice 9/48/02 (HH.658/430/03).

2985* WEST INDIES — Dominican Republic, South Coast — Canal de Alto Velo — Depths

Insert	depth 16m enclosed by ○, Rep (2002) depth 14m enclosed by ○, Rep (2002), (chart 3689, depth 7½ fm enclosed by ○, Rep (2002))	(a) 17° 31'·25N., 71° 36'·40W. (b) 17° 31'·05N., 71° 35'·80W. (c) close N. of (b) above
Delete	depth 65m enclosed by ○ Rep (1992)	
Substitute	depth 7½ fm enclosed by ○, Rep (2002), for depth 35fm enclosed by ○ Rep (1992)	(d) 17° 31'·00N., 71° 36'·50W.

Chart [*Last correction*].— **471** (*a–c*) [1503/02] — **3689** (*b*) [1504/02] — **486** (*d*) [1506/02]
mv *Sundream* (HH.676/415/03).

II

2986 GULF OF MEXICO — Texas — Houston Ship Channel — Bayport Ship Channel — Dredged depths

Amend dredged depth to, *37ft* (2002), centred on: 29° 36'·68N., 95° 01'·29W.
 legend to, *35FT FOR WIDTH OF 300FT* (2002), centred on: 29° 36'·83N., 94° 58'·79W.

Chart [*Last correction*].— **3186 (panel 3)** [2730/02]

U.S. Notice 24/11327/02 (HH.615/420/04).

2987 GULF OF MEXICO — Louisiana — Calcasieu River — Choupique Island Northeastwards and Port of Lake Charles — Dredged depths

Amend dredged depth to, *35ft* (2002), centred on: (a) 30° 06'·40N., 93° 17'·25W.
 dredged depth to, *41ft* (2002), centred on: (b) 30° 10'·92N., 93° 18'·43W.
 dredged depth to, *34ft* (2002), centred on: (c) 30° 12'·66N., 93° 16'·77W.
 dredged depth to, *27ft* (2002), centred on: (d) 30° 13'·36N., 93° 16'·61W.
 dredged depth to, *33ft* (2002), centred on: (e) 30° 12'·73N., 93° 15'·45W.
 dredged depth to, *32ft* (2002), centred on: (f) 30° 12'·87N., 93° 15'·48W.
 dredged depth to, *28ft* (2002), centred on: (g) 30° 13'·08N., 93° 15'·05W.
 (h) 30° 13'·58N., 93° 14'·65W.
 dredged depth to, *35ft* (2002), centred on: (i) 30° 14'·00N., 93° 14'·76W.

Chart [*Last correction*].— **3190 (panel C) (a) (panel D) (b) & (panel E) (c-i)** [2738/02]

U.S. Notice 23/11347/02 (HH.615/435/07).

2988 GULF OF MEXICO — Alabama — Mobile Bay Southeastwards — Buoyage

Delete 'A' light-buoy 29° 54'·2N., 87° 39'·8W.
 'B' light-buoy 29° 37'·1N., 87° 31'·6W.

Chart [*Last correction*].— **3851** [2737/02]

U.S. Notice 23/11360/02 (HH.615/455/08).

2989 GULF OF MEXICO — Mississippi — Pascagoula Harbor — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS,
 for existing table, centred on: 30° 19'·5N., 88° 29'·3W.

Chart [*Last correction*].— **3841** [2739/02]

U.S. Notice 25/11375/02 (HH.615/012/2002).

2990 GULF OF MEXICO — Mississippi — Pascagoula Harbor — Bayou Casotte — Dredged depths

Amend dredged depth to, *9·1m* (2002), centred on: 30° 20'·47N., 88° 30'·51W.
 dredged depth to, *11·6m*, centred on: 30° 20'·36N., 88° 30'·54W.
 dredged depth to, *12·8m* (2002), centred on: 30° 19'·98N., 88° 30'·82W.

Chart [*Last correction*].— **3841** [2989/02]

U.S. Notice 25/11375/02 (HH.615/440/09).

2991 GULF OF MEXICO — Mississippi — Pascagoula Harbor — Dredged depths; Depths

Amend dredged depth to, *11·4m* (2002), centred on: 30° 21'·69N., 88° 33'·97W.
 dredged depth to, *10·3m* (2002), centred on: 30° 20'·87N., 88° 34'·12W.
 Substitute depth 8₂ m for depth 6₇ m (a) 30° 22'·10N., 88° 33'·86W.
 depth 2₇ m for depth 5₂ m 30° 21'·87N., 88° 33'·85W.
 Delete depth 5₅ m close W. of (a) above

Chart [*Last correction*].— **3841** [2990/02]

U.S. Notice 23/11375/02 (HH.615/455/08).

2992 GULF OF MEXICO — Alabama — Mobile Bay — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS,
 for existing table, centred on: 30° 32'·5N., 88° 12'·5W.

Chart [*Last correction*].— **3150** [2354/02]

U.S. Notice 25/11376/02 (HH.615/012/2002).

2993 GULF OF MEXICO — Alabama — Mobile River — Blakeley Island Reach — Magazine Point Southwards — Dredged depth

Amend dredged depth to, *27ft* (2002), centred on: 30° 43'·55N., 88° 02'·72W.

Chart [*Last correction*].— **3150 (plan, Mobile Ship Channel)** [2992/02]

U.S. Notice 25/11376/02 (HH.615/455/08).

II

2994 NORTH AMERICA, East Coast — Florida — Miami Harbor — Dodge Island Cut Westwards — Light—beacon

Insert	port—hand light—beacon, <i>Fl.G.2·5s16ft ‘17’</i>	25° 46′·370N., 80° 10′·818W.
Delete	former ‘17’ light—beacon	25° 46′·348N., 80° 10′·818W.

Chart [*Last correction*].— **3698** [2583/02]
Light List Vol. J, 2001/02, 2949.32
U.S. Notice 22/11468/02 (*HH.614/650/04*).

2995 NORTH AMERICA, East Coast — Florida — Port of Palm Beach — Lake Worth Inlet — Channel depths

Substitute	the accompanying table, CHANNEL DEPTHS (Lake Worth Inlet), for existing table, centred on:	within title panel, below note, SUBMARINE PIPELINES AND CABLES
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Chart [*Last correction*].— **3684 (title panel)** [2023/02]
U.S. Notice 26/11466/02 (*HH.614/011/2002*).

2996 NORTH AMERICA, East Coast — Nova Scotia, South—East Coast — Lunenburg Bay — Feltzen South — Light

Delete	★ Fl.G.6s29ft7M	44° 19′·79N., 64° 16′·82W.
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Chart [*Last correction*].— **4751** [2361/02]
Light List Vol. H, 2001/02, 3700
UK Hydrographic Office (*HH.606/435/02*).

II

2997(P)/02 **NORWAY, South coast — Approaches to Langesundbukta — Jomfruland Eastwards to Rakkebåane Southwards and Langangsfjorden — Depths; Harbour limit**

1. Recently received Norwegian charts have revealed numerous depths less than charted in the approaches to Langesundbukta, from Jomfruland eastwards to Rakkebåane southwards. The most significant depths will be promulgated by Notice to Mariners. Other significant depths are in the following positions:

23m	58° 49'·65N., 9° 33'·70E.
46m	58° 50'·52N., 9° 36'·72E.
82m	58° 50'·55N., 9° 40'·87E.
44m	58° 52'·25N., 9° 40'·48E.
48m	58° 52'·30N., 9° 43'·92E.
55m	58° 52'·71N., 9° 44'·92E.
8m	58° 52'·87N., 9° 38'·70E.
83m	58° 52'·99N., 9° 59'·97E.
19m	58° 53'·10N., 9° 40'·60E.
37m	58° 53'·26N., 9° 43'·04E.
15m	58° 53'·36N., 9° 40'·92E.
11m	58° 53'·39N., 9° 39'·90E.
18m	58° 53'·78N., 9° 41'·55E.
47m	58° 53'·84N., 9° 45'·34E.
19m	58° 54'·04N., 9° 42'·69E.
16m	58° 54'·31N., 9° 42'·20E.
67m	58° 54'·32N., 10° 04'·11E.
41m	58° 54'·50N., 10° 02'·16E.
35m	58° 54'·85N., 10° 00'·66E.
17m	58° 55'·09N., 9° 44'·39E.
19m	58° 55'·22N., 9° 40'·82E.
15m	58° 55'·40N., 9° 44'·10E.
32m	58° 55'·48N., 9° 54'·71E.
23m	58° 55'·53N., 10° 00'·22E.
35m	58° 55'·55N., 10° 03'·18E.
47m	58° 55'·96N., 9° 52'·58E.
30m	58° 56'·19N., 10° 01'·15E.
22m	58° 56'·63N., 9° 44'·30E.
16m	58° 56'·83N., 9° 41'·50E.
13m	58° 57'·43N., 9° 38'·66E.
15m	58° 57'·69N., 9° 54'·61E.
19m	59° 03'·73N., 9° 44'·87E.
2. Larvik Harbour District Limit exists, joining the following positions:

58° 57'·30N., 10° 04'·31E.
58° 56'·16N., 9° 56'·27E.
58° 53'·95N., 9° 47'·82E.
58° 57'·15N., 9° 46'·75E.
58° 59'·55N., 9° 45'·98E.
59° 00'·63N., 9° 45'·98E.
59° 00'·77N., 9° 46'·95E.
59° 01'·83N., 9° 47'·02E.
58° 59'·91N., 9° 50'·14E.
59° 01'·42N., 9° 50'·26E.
59° 02'·02N., 9° 49'·34E.
59° 02'·07N., 9° 48'·87E.
59° 02'·20N., 9° 48'·89E.
59° 02'·23N., 9° 48'·97E. (shore)
3. Mariners are advised to proceed with caution in this area.
4. These and other changes will be included in the next new edition.
5. Former Notice 4099(P)/01 is cancelled.

Chart affected — 1327

Norwegian Chart 5 (HH.311/640/03).

2998(P)/02 **BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Approaches to Rauma — Rihntiemi Westwards — Recommended track; Maximum authorised draughts; Buoyage**

1. A recommended track, maximum authorised draught 3·6m, has been established between positions:

61° 03'·54N., 21° 15'·88E. (existing track)
61° 04'·68N., 21° 14'·47E.
61° 05'·60N., 21° 14'·34E.
61° 06'·16N., 21° 15'·58E.
61° 06'·23N., 21° 15'·70E. (existing track)
2. The recommended track is marked by a safe water spar buoy in position 61° 03'·56N., 21° 15'·86E, and W. cardinal spar buoys in position 61° 04'·58N., 21° 14'·84E., and position 61° 05'·56N., 21° 14'·57E.
3. The existing recommended track, maximum authorised draught 3·6m, between position 61° 03'·54N., 21° 15'·88E., and position 61° 05'·73N., 21° 18'·61E., has been reduced to a maximum authorised draught of 2·0m.
4. These amendments will be included in the next New Edition of Chart 3415.

Chart affected — 3415

Finnish Notice 15/285/02 (HH.321/730/02).

II

2999(P)/02 SPAIN, West Coast — Approaches to Muros — Bajo de los Meixidos, Canal de los Meixidos and Ria de Muros — Depths

1. A recently received Spanish chart has revealed numerous depths less than charted in the vicinity of Ria de Muros and Canal de los Meixidos. The most significant depths are in the following positions:

15 ₅ m	42° 47'·67N., 9° 10'·66W.
9 ₉ m	42° 47'·00N., 9° 08'·62W.
2 ₇ m	42° 46'·39N., 8° 58'·90W.
8 ₁ m	42° 46'·21N., 9° 12'·54W.
14 ₇ m	42° 46'·05N., 9° 08'·96W.
3 ₆ m	42° 46'·02N., 9° 12'·49W.
13 ₇ m	42° 45'·99N., 8° 56'·72W.
4 ₆ m	42° 45'·65N., 9° 12'·57W.
5 ₈ m	42° 45'·49N., 9° 12'·14W.
5 m	42° 45'·18N., 9° 12'·23W.
4 ₈ m	42° 45'·09N., 8° 58'·47W.
0 ₈ m	42° 44'·58N., 9° 00'·46W.
2 ₁ m	42° 44'·31N., 8° 59'·82W.
6 ₂ m	42° 44'·14N., 9° 08'·30W.
4 ₃ m	42° 43'·04N., 9° 00'·91W.
7 ₈ m	42° 42'·28N., 9° 03'·59W.
19 ₃ m	42° 42'·10N., 9° 04'·74W.
5 ₆ m	42° 42'·07N., 9° 03'·65W.
6 ₈ m	42° 41'·57N., 9° 03'·97W.
2. Mariners are advised to navigate with caution in this area.

Charts affected — 1756 — 3764 — 3633

Spanish Chart 415A (HH.359/590/03).

3000(P)/02 NORTH ATLANTIC OCEAN — Islas Canarias — Isla de Lanzarote — Puerto de los Marmoles and Puerto de Naos — Jetty; Reclamation area; Quays; Slipways; Depths

1. A recently received Spanish chart of Puertos de Arrecife, Naos y los Marmoles has revealed changes to depths and coastline in the vicinity of Puerto de los Marmoles and Puerto de Naos, the more significant of which are listed below:
 - a. The jetty charted between positions 28° 58'·450N., 13° 31'·360W. and 28° 58'·290N., 13° 31'·245W. and the works / under reclamation area between positions 28° 58'·470N., 13° 31'·325W. and 28° 58'·310N., 13° 31'·212W. no longer exist. The quayside to the north has been completed and extended seawards and now exists between positions 28° 58'·400N., 13° 31'·377W. and 28° 58'·475N., 13° 31'·270W. with two slipways established at the SW. end.
 - b. Depths of less than 10m exist alongside all the quays of Puerto de los Marmoles. The following significant less than charted depth now exists:
5₉ m in position 28° 58'·020N., 13° 31'·765W.
 - c. Depths have also changed within the Puerto de Naos, mariners are advised to seek local knowledge before entering this port.
2. These and other changes will be included in the next New Edition of Chart 886.

Chart affected — 886

Spanish Chart 6010 (HH.419/460/03).

II

3001(T)/02 CHINA SEA — T'ai-wan, West Coast — Approaches to Kao-Hsiung — Traffic separation schemes; Pilot boarding places; Anchorage areas

1. The following temporary routeing and anchoring measures in the approaches to Kao-Hsiung are in force from the 10 April 2002. These measures are shown in the accompanying diagram.
2. A separation line joining the following positions:
 - a. 22° 38'30N., 120° 11'88E.
 - b. 22° 37'90N., 120° 12'95E.
3. A traffic lane for outbound traffic established between the separation line specified at 2 a. & b. above and a straight line joining the following positions:
 - c. 22° 38'80N., 120° 12'18E.
 - d. 22° 38'30N., 120° 13'10E.
4. A traffic lane for inbound traffic established between the separation line specified at 2 a. & b. above and a straight line joining the following positions:
 - e. 22° 37'15N., 120° 11'70E.
 - f. 22° 37'50N., 120° 12'80E.
 A separation line joining the following positions:
 - g. 22° 33'10N., 120° 14'25E.
 - h. 22° 33'10N., 120° 15'35E.
 A traffic lane for inbound traffic established between the separation line specified at 3 g. & h. above and a straight line joining the following positions:
 - i. 22° 32'45N., 120° 14'32E.
 - j. 22° 32'65N., 120° 15'40E.
 A traffic lane for outbound traffic established between the separation line specified at 3 g. & h. above and a straight line joining the following positions:
 - k. 22° 33'95N., 120° 12'70E.
 - l. 22° 33'55N., 120° 15'33E.
 A safety fairway north limit joining the following positions:
 - m. d. above
 - n. 22° 37'35N., 120° 14'93E. (at light).
 A safety fairway south limit joining the following positions:
 - o. f. above
 - p. 22° 37'17N., 120° 14'90E. (at light).
5. A safety fairway north limit joining the following positions:
 - q. l. above
 - r. 22° 33'17N., 120° 17'57E. (at light)
 A safety fairway south limit joining the following positions:
 - s. j. above
 - t. 22° 32'96N., 120° 17'45E. (at light)
6. Pilot boarding places exist in the following positions:
 - u. 22° 37'73N., 120° 12'90E.
 - v. 22° 32'88N., 120° 15'35E.
7. Five anchorage areas exist bounded by the following positions:
 - w. 22° 38'70N., 120° 14'50E.
 - x. 22° 40'00N., 120° 12'18E.
 - y. c. above
 - z. n. above
 and
 - aa. 22° 37'23N., 120° 14'52E.
 - bb. f. above
 - cc. e. above
 - dd. 22° 35'00N., 120° 12'37E.
 - ee. 22° 35'00N., 120° 16'03E.
 and
 - ff. ee. above
 - gg. dd. above
 - hh. k. above
 - ii. 22° 33'22N., 120° 17'25E.
 and
 - jj. t. above
 - kk. i. above
 - ll. 22° 30'53N., 120° 14'32E.
 - mm. 22° 32'18N., 120° 18'03E.
 and
 - nn. 22° 27'00N., 120° 20'00E.
 - oo. 22° 27'00N., 120° 18'00E.
 - pp. 22° 25'50N., 120° 19'00E.
 - qq. 22° 25'50N., 120° 21'00E.
8. Former Notice 1621(T)/02 is cancelled.

Charts affected — 2376 — 3230 — 3232 — 2409

Taiwanese Notices 58/01, 1/02 & 20/02 (HH.549/404/03).

II

3002(P)/02 CHINA, East Coast — Zhoushan Qundao and Hangzhou Wan — Lights; Submarine cables; Port developments

- Numerous lights have been established throughout Zhoushan Qundao (30° 25'·0N., 122° 25'·0E.) and Hangzhou Wan (30° 37'·0N., 121° 45'·0E.).
- Additional submarine cables exist in Zhoushan Qundao in the following areas:
 - Between Nanhui Zui (30° 51'·5N., 121° 50'·5E.) and Qiqu Leidao (30° 36'·5N., 122° 03'·5E.)
 - Between Qiqu Liedao and Sijiaoshan (30° 42'·5N., 122° 27'·5E.)
 - Between Sijiaoshan and Gouqi Dao (30° 43'·0N., 122° 46'·5E.)
 - Between Qiqu Leidao and Daishan Dao (30° 17'·0N., 122° 09'·5E.)
 - Between Daishan Dao and Qushan Dao (30° 26'·5N., 122° 21'·0E.)
 - Between Qushan Dao and Sijiaoshan
 - Between Daishan Dao and Zhoushan Dao (30° 03'·5N., 122° 08'·0E.)
 - Northwestwards from Tanxushan (30° 37'·0N., 121° 37'·5E.)
- New jetties and other port developments have been built on the northern shore of Hangzhou Wan.
- These and other changes will be included in the next new editions of the charts.
- Former Notice 1941(P)/00 is cancelled.

Charts affected — 1124 — 1199

Chinese Charts 13300 & 13370 (HH.548/468/04).

3003(T)/02 AUSTRALIA — Queensland — Moreton Bay and Brisbane River — Depth information and keel clearances

- Available depths as at 2 May 2002:

	<i>Metres</i>
Moreton Bay:	
North East Channel	7.4
* North West Channel	14.0
* Spitfire Channel	14.0
Main Channel	9.7
East Knoll Bypass Channel	6.9
East Channel	14.0
Brisbane River:	
Entrance Beacons to Fisherman Islands Swing Basin	13.0
Pelican Bank Cutting to Hamilton Reach	9.1
Keel clearances are required for approach channels as follows:	
North West Channel	1.6
For vessels with a beam of 35 metres or more	1.8
Spitfire Channel	1.2
East Knoll Bypass Channel	1.4
East Channel	1.2
Entrance Beacons to Swing Basin	1.0
Swing Basin Reach to Hamilton Reach	0.6 to 0.9
Alongside all berths	0.3

* Indicates new or revised entry.
- Former Notice 4217(T)/01 is cancelled.

Charts affected — Aus 235 — Aus 236 — Aus 237 — Aus 238

Australian Notice 11/346(T)/02 (HH.571/009/02).

3004(T)/02 AUSTRALIA — Queensland — Laguna Quays — Depth

- The depth in the entrance channel to Laguna Quays (20° 35'·95S., 141° 41'·48E.) is reduced.
- Local knowledge should be sought prior to transiting the channel.

Chart affected — Aus 252

Australian Notice 11/347(T)/02 (HH.571/009/02).

3005(T)/02 AUSTRALIA — Queensland — Mourilyan — Depth information

- Available depths as at 8 May 2002:

	<i>Metres</i>	
	<i>LAT</i>	<i>ISLW (Chart Datum)</i>
Departure Channel	9.7	10.0
Inner Channel	9.8	10.1
* Swing Basin	6.5	6.8
* Sugar Berth	9.5	9.8

* Indicates new or revised entry.
- Former Notice 328(T)/02 is cancelled.

Chart affected — Aus 829

Australian Notice 11/348(T)/02 (HH.571/009/02).

II

3006(T)/02 AUSTRALIA — Queensland — Undine Reef — Light-beacon

The light-beacon in position 16° 06'·7S., 145° 38'·13E. has been destroyed.

Charts affected — Aus 373 — Aus 831

Australian Notice 11/349(T)/02 (HH.571/009/02).

3007(T)/02 AUSTRALIA — Queensland — Cairns — Depth information

- Available depths as at 17 May 2002:

	<i>Metres</i>
Entrance Channel	7.5
Crystal Swing Basin at:	
360 metre diameter	6.8
380 metre diameter	6.2
Swing Basin at:	
310 metre diameter	8.1
320 metre diameter	7.2
Marlin Marina	2.1
Berths:	
* No 1	8.3
* No 2	8.2
* No 3	8.2
No 4	8.2
No 5	8.0
* No 6	7.4
* No 7	10.0
No 8	10.0
* No 10	9.3
* No 12	10.5
Smith Creek 1	5.5
* Indicates new or revised entry.	
- Former Notice 2036(T)/02 is cancelled.

Charts affected — Aus 262 — Aus 263 — Aus 830

Australian Notice 12/377(T)/02 (HH.571/009/02).

3008(T)/02 AUSTRALIA — Northern Territory — Darwin — Fannie bay — Shoaling

- The drying bank extends SSW. of the light-beacon in position 12° 27'·06S., 130° 48'·90E. onto the line of the 076° leading line.
- Depth in the approach channel to Cullen Bay Marina has been reduced to 1·8m.

Charts affected — Aus 26 — Aus 28

Australian Notice 11/351(T)/02 (HH.571/009/02).

3009(T)/02 AUSTRALIA — Victoria — Approaches to Port Phillip — Buoy

The lit wave rider buoy, Fl(5)Y.23s in position 38° 18'·24S., 144° 34'·46E. (WGS 84) has been removed for maintenance.

Charts affected — Aus 143 — Aus 144

Australian Notice 11/352(T)/02 (HH.571/009/02).

3010(T)/02 ATLANTIC OCEAN — Buoyage

Unlit ocean data collecting buoys have been established in the following positions until 15 April 2003:

00° 00'·27S., 34° 59'·24W.
3° 58'·28N., 38° 02'·85W.
7° 57'·52N., 38° 02'·18W.
11° 29'·61N., 38° 00'·60W.
15° 00'·37N., 38° 00'·63W.

Charts affected — 4115 — 4215 — 4216

Brazilian Notice T43(T)/02 (HH.637/410/03).

On Chart 3095

To accompany Notice to Mariners 2979/02

On Chart 590

CHANNEL DEPTHS (see Note)							
SUISUN BAY TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
①SUISUN PT. REACH	44.1	45.7	46.9	3-02	300	0.8	35
②BULLS HEAD CHANNEL	34.7	34.8	33.9	3-02	300-350	1.2	35
③EAST BULLS HEAD CHANNEL	34.8	34.6	33.6	3-02	350	1.1	35
④PT. EDITH CROSSING RANGE	36.4	34.0	27.0	3-02	350	1.1	35
⑤PRESTON PT. REACH	36.0	33.7	25.3	3-02	350	0.9	35
⑥ROE ISLAND CHANNEL	31.9	32.3	32.6	3-02	350	1.1	35
⑦PORT CHICAGO REACH	37.0	36.9	36.9	3-02	350	0.52	35
MIDDLE GROUND CHANNEL							
⑧WEST REACH	37.2	36.1	34.7	3-02	350	1.29	35
⑨EAST REACH	36.0	36.9	35.8	3-02	350	1.09	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

On Chart 3841

CHANNEL DEPTHS (see Note)							
HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002 AND SURVEYS TO JAN 2002							
CONTROLLING DEPTHS FROM SEAWARD IN METRES AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (METERS)	LENGTH (NAUT. MILES)	DEPTH MLLW (METRES)
HORN ISLAND PASS CHANNEL	12.4	12.3	10.1	8-00	137	4.4	12.2
PASCAGOULA CHANNEL	9.8	10.4	10.9	11-01	106	10.8	11.6
TURNING BASIN	11.0	11.6	11.6	1-02	289	0.4	11.6
BAYOU CASOTTE CHANNEL	11.6	11.8	11.9	1-02	68	3.3	11.6
TURNING BASIN	12.8	12.8	12.8	1-02	304	0.3	11.6
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

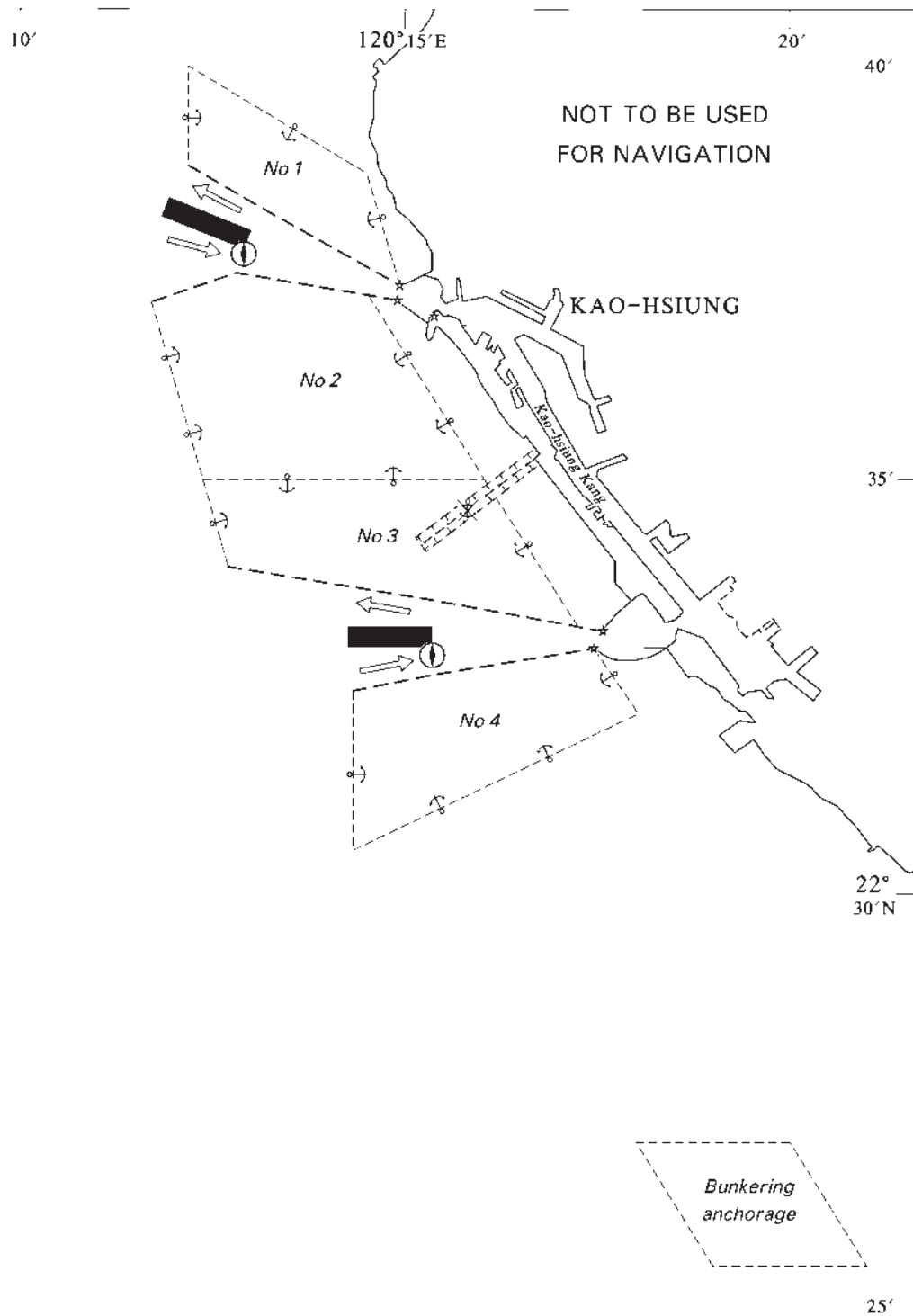
On Chart 3150

CHANNEL DEPTHS (see Note)							
MOBILE BAY AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF APR 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	41.8	47.0	45.0	3-02	600	7.0	47
MOBILE BAY:							
LOWER REACH (TO LIGHT 50)	40.9	44.8	42.8	2-02	400	11.8	45
UPPER REACH	32.4	40.0	36.9	2-02	400	13.4	40-45
MOBILE RIVER:							
PINTO ISLAND REACH	34.6	37.7	35.1	3-02	700-800	0.6	40
MOBILE CHANNEL	35.9	40.0	36.4	4-02	600	1.5	40
MOBILE TURNING BASIN	39.9	39.1	39.8	3-02	200-675	0.4	40
BLAKELEY ISLAND REACH	38.3	38.0	31.9	3-02	500	1.0	40
ST. LOUIS POINT REACH	18.9	25.4	22.3	6-00	500	0.2	25
CHICKASAW CREEK CHANNEL	15.6	24.7	22.4	7-01	250	2.7	25
ARLINGTON CHANNEL	14.7	13.4	11.8	1-02	150	1.4	27
OCEAN TERMINAL TURNING BASIN	12.0	11.1	10.0	1-02	600	0.1	27
THEODORE SHIP CHANNEL:							
BAY CUT	35.2	37.5	37.1	9-01	400	4.5	40
ANCHORAGE AREA	40.0	40.0	39.9	9-01	300	0.2	40
LAND CUT	36.6	38.4	36.6	9-01	300	1.5	40
TURNING BASIN	37.0	38.0	34.8	9-01	1400	0.3	40
BARGE CHANNEL	10.4	11.6	9.0	1-02	100	1.1	12
A. ROCK OBSTRUCTIONS REPORTED FROM LIGHT "20", CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD. MINIMUM DEPTH OVER ROCKS IS 38 FEET.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

On Chart 3684

CHANNEL DEPTHS (see Note)							
LAKE WORTH INLET TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2002 AND SURVEYS TO APR 2002							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	35.6	36.2	36.3	4-02	400	.66	35
LAKE WORTH INNER CHANNEL	33.4	35.7	33.4	4-02	300-500	.49	33
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

To accompany Admiralty Notice to Mariners 3001(T) of 2002



To accompany Notice to Mariners 2937/02



On Chart 908

RESTRICTED AREAS

Mariners are warned not to anchor, fish or engage in any form of submarine or seabed activity in the areas indicated, (40°45'N., 13°48'E., 40°37'N., 14°20'E. and 40°35'N., 14°17'E. approx.), owing to danger from obstructions and unexploded ordnance on the seabed.

To accompany Notice to Mariners 2983/02

On Chart 1749

PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged oil or gas pipeline could cause an explosion, loss of a vessel's buoyancy or other serious hazard. See Annual Notice to Mariners No 24 and The Mariner's Handbook.

On Chart 1751

PIPELINES

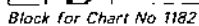
Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged oil or gas pipeline could cause an explosion, loss of a vessel's buoyancy or other serious hazard. See Annual Notice to Mariners No 24 and The Mariner's Handbook.

On Chart 3561

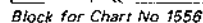
PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged oil or gas pipeline could cause an explosion, loss of a vessel's buoyancy or other serious hazard. See Annual Notice to Mariners No 24 and The Mariner's Handbook.

To accompany Admiralty Notice to Mariners No 2890 of 2002

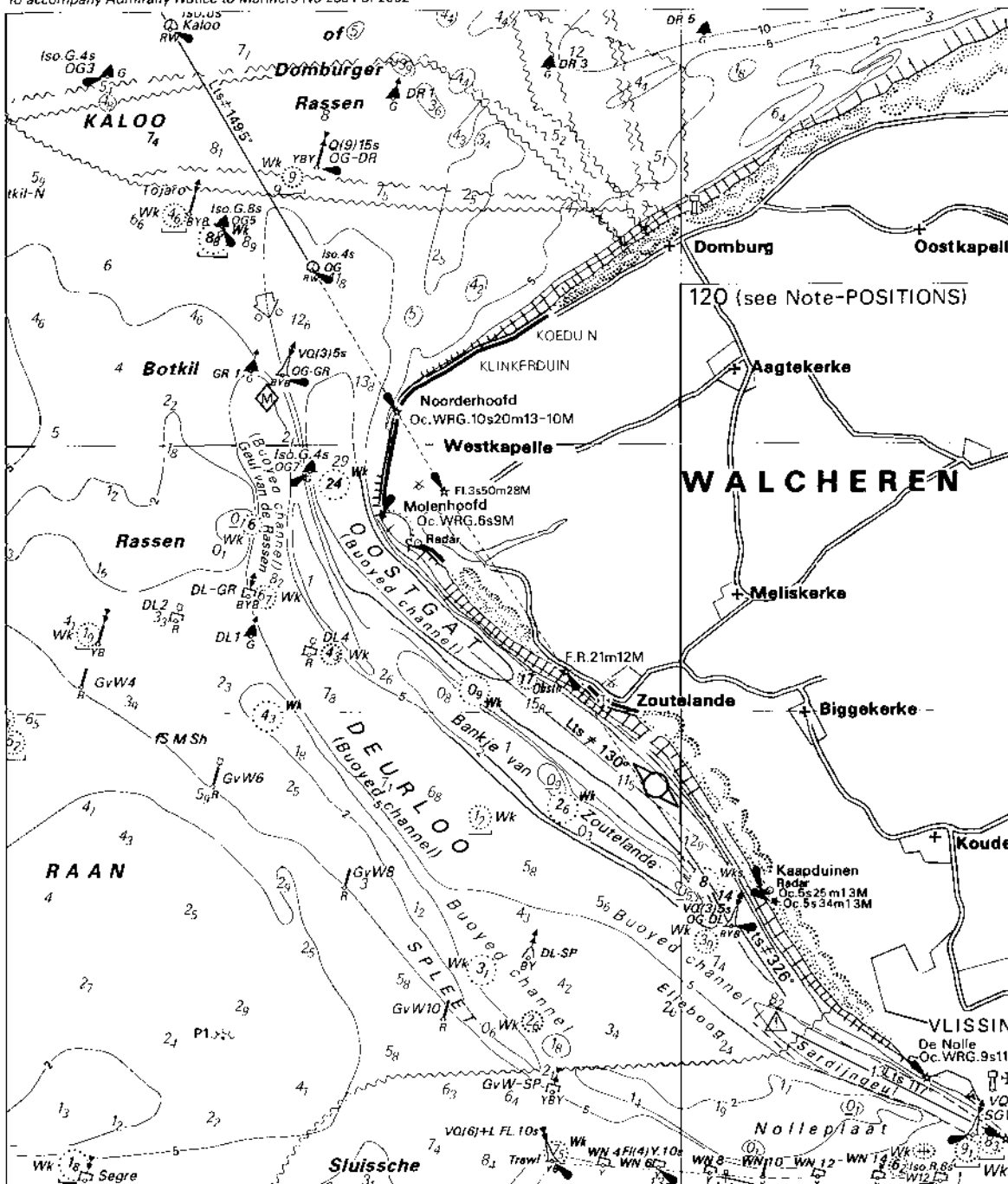


To accompany Admiralty Notice to Mariners No 2896 of 2002



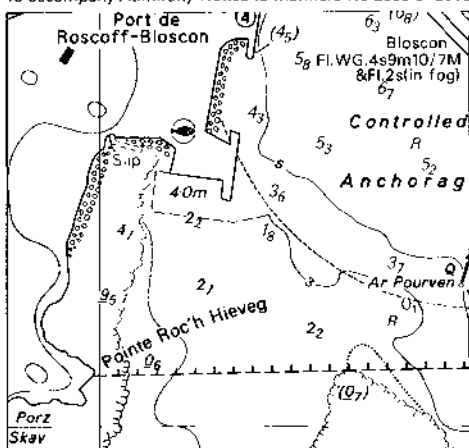
Block for Chart No 120

To accompany Admiralty Notice to Mariners No 2894 of 2002



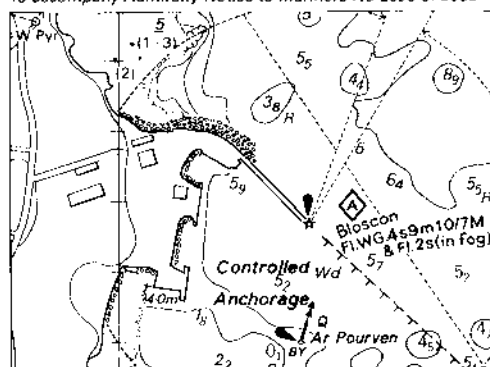
Block for Chart No 1872

To accompany Admiralty Notice to Mariners No 2895 of 2002



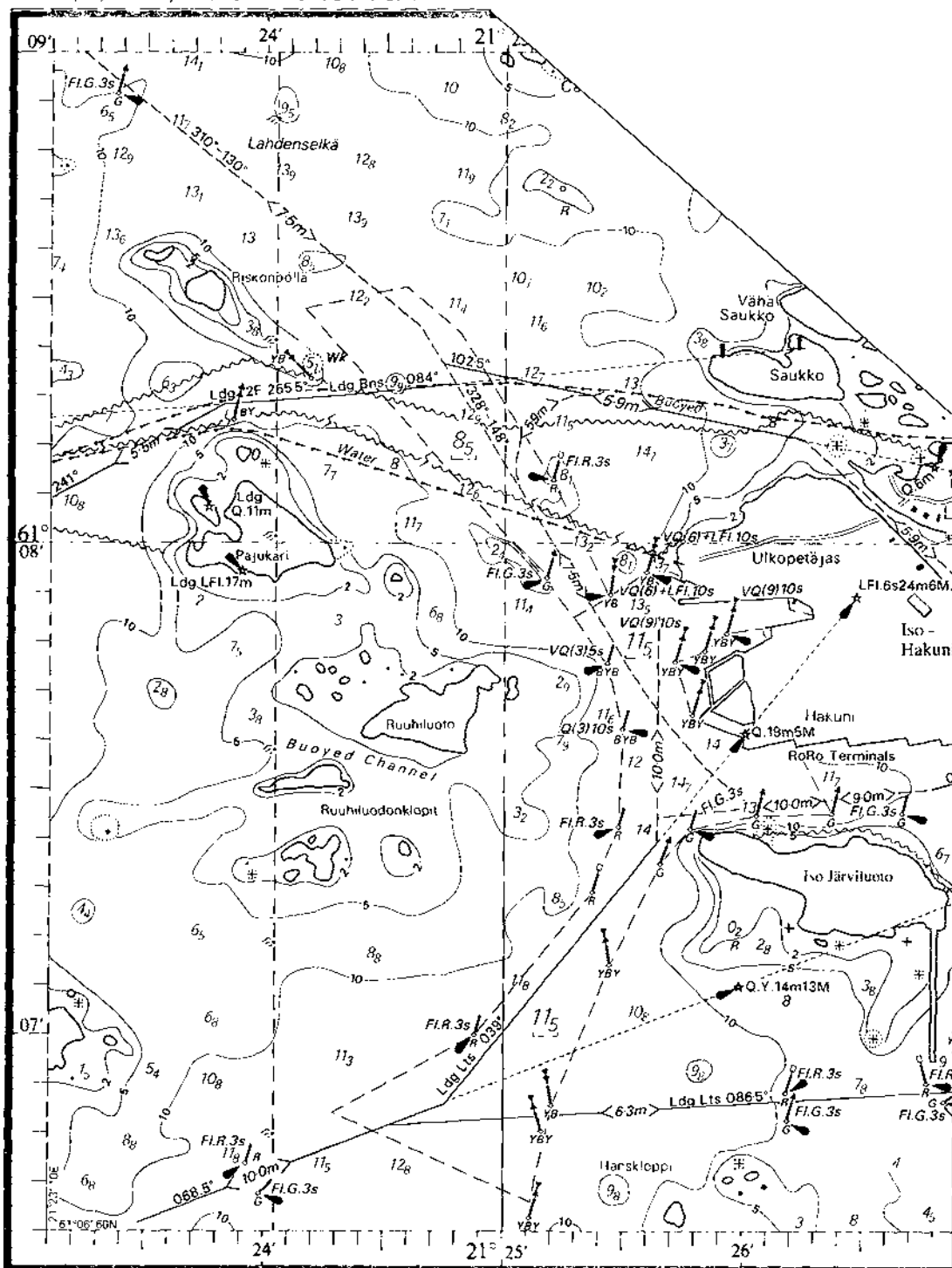
Block A for Chart No 2745

To accompany Admiralty Notice to Mariners No 2895 of 2002



Block B for Chart No 2745

To accompany Admiralty Notice to Mariners No 2891 of 2002



Block for Chart No 3415

III

NAVIGATIONAL WARNINGS

See N.M. 13/02. Messages printed below are all in force on 2 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) 28th Week 11/7/02.

NAVAREA I warnings in force 2/7/02: 2000 series: 397 473. 2001 series: 151 222 252 303 510.

2002 series: 120 128 200 203 209 210 214 230 233 240 243 248 249 257 259 260 262 263 264 265 266.

255 Cancelled.

256 Cancelled.

257 GPS. PRN 27 unusable until further notice.

258 Cancelled.

259 FRANCE, North Coast. Calais Approaches. Chart BA 1351. Shoal depths located:

A. 10₁ m 50°58'44N 001°45'53E B. 6₅ m 50°58'27N 001°45'86E

C. 8₁ m 50°58'21N 001°46'12E C. 10₃ m 50°58'26N 001°46'57E.

Other shoal depths exist in vicinity.

260 NORTH EAST ATLANTIC and WESTERN NORTH SEA. Chart BA 2. Major Naval Exercise involving ships, submarines and aircraft in progress throughout area bounded by: 55°00'N, 61°00'N, 013°00'W, 000°00' and the Scottish Coast. Vessels are requested to give warships a wide berth. Cancel this message 111700z Jul 02.

261 Cancelled.

262 SHETLAND ISLANDS, Northeastward. Hutton Oilfield. Chart BA 295. Platform 211/28 removed, numerous obstructions remain on seabed in vicinity 61°04'1N 001°24'4E.

263 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 021000z Jul 02.

	52°39'1N	001°54'3E	Transocean Nordic
	52°52'3N	004°12'5E	Noble Lynda Bossler
NEW	Den Helder		Noble Kolskaya
	53°57'0N	000°35'7E	Noble Julie Robertson
	54°06'9N	000°27'7E	Glomar Adriatic 6
	54°20'6N	002°52'0E	Glomar Adriatic 11
	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 250/02.

III

264 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 021000z 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
56°07'8N	004°24'6E	Ensco 70
56°51'0N	002°15'3E	Galaxy 1
56°53'2N	001°14'0E	Santa Fe 135
57°05'5N	000°51'0E	Santa Fe 140
57°10'1N	001°26'2E	Sedco 712
57°18'5N	001°54'7E	Sedco 714
57°59'0N	000°09'7E	Ocean Princess
58°01'6N	001°06'6E	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°19'0N	001°33'3E	Noble Ton Van Langeveld
59°26'0N	001°40'9E	Glomar Arctic 3
59°40'3N	001°33'7E	Ocean Nomad
59°42'7N	002°19'4E	West Vanguard

NOTES:

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

2. Cancel 251/02.

265 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 021000z 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
60°28'1N	002°39'2E	Deepsea Delta
60°47'9N	003°26'7E	West Venture
60°50'0N	003°36'2E	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
61°23'8N	002°07'1E	Bideford Dolphin
61°30'9N	000°57'1E	Transocean John Shaw
61°33'9N	001°36'4E	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
65°10'4N	006°51'1E	Transocean Searcher
65°17'2N	007°18'2E	Transocean Prospect
66°00'8N	008°03'5E	Stena Don

NOTES:

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

2. Cancel 252/02.

III

266 RIGLIST. South and West Coasts of the British Isles. Correct at 021000z 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 253/02.

Cancel 186/02. ANM 2657/02 refers.

Cancel 191/02. ANM 2166/02 refers.

Cancel 192/02. ANM 2506/02 refers.

Cancel 193/02. ANM 2368(P)/02 refers.

(2) Navarea II (E Atlantic) 28th Week 11/7/02.

Edited Navarea II warnings in force 2/7/02: NIL.

236 to 240 received.

(3) Navarea III (Mediterranean) 28th Week 11/7/02.

Edited Navarea III warnings in force 2/7/02: 466/01, 552/01.

310 to 319 received.

(4) Navarea IV (NW Atlantic) 28th Week 11/7/02.

Edited Navarea IV warnings in force 2/7/02: 219/02.

235 to 239 received.

(5) Navarea V (W Atlantic) 28th Week 11/7/02.

Edited Navarea V warnings in force 2/7/02: 055/01, 1368/01.

Nil received.

(6) Navarea VI (SW Atlantic) 28th Week 11/7/02.

Edited Navarea VI warnings in force 2/7/02: 101/01, 175/01.

189 to 211 received.

(7) Navarea VII (SE Atlantic) 28th Week 11/7/02.

Edited Navarea VII warnings in force 2/7/02: NIL

078 received.

(8) Navarea VIII (Indian Ocean) 28th Week 11/7/02.

Edited Navarea VIII warnings in force 2/7/02: 388/00, 268/01, 497/01.

397 to 414 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 28th Week 11/7/02.

Edited Navarea IX warnings in force 2/7/02: NIL.

Nil received.

(10) Navarea X (Australia, New Guinea) 28th Week 11/7/02.

Edited Navarea X warnings in force 2/7/02: 020/00, 004/02.

Nil received.

III

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 28th Week 11/7/02.

Edited Navarea XI warnings in force 2/7/02: 367/02.
284 and 358 to 374 received.

367 INDONESIA. Selat Makasar. Pulau-Pulau Balabalagan northwestward. Chart BA 3014.
Depth 15_sm reported 02°03'0S 116°58'5E.

(12) Navarea XII (NE Pacific) 28th Week 11/7/02.

Edited Navarea XII warnings in force 2/7/02: NIL.
189 to 199 received.

(13) Navarea XIII (NW Pacific) 28th Week 11/7/02.

Edited Navarea XIII warnings in force 2/7/02: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 28th Week 11/7/02.

Edited Navarea XIV warnings in force 2/7/02: NIL.
105 to 109 received.

(15) Navarea XV (SE Pacific) 28th Week 11/7/02.

Edited Navarea XV warnings in force 2/7/02: NIL.
Nil received.

(16) Navarea XVI (E Pacific) 28th Week 11/7/02.

Edited Navarea XVI warnings in force 2/7/02: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 28th Week 11/7/02.

Edited Hydropacs in force 2/7/02: 1272/99, 1647/01, 496/02.
1181 to 1235 received.

Cancel 1078/02. Navarea XI 367/02 refers.

(18) Hydrolants (Atlantic, Mediterranean) 28th Week 11/7/02.

Edited Hydrolants in force 2/7/02: 2002/98, 1581/00, 2659/01, 383/02, 1237/02.
1399 to 1456 received.

[28/02]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 21 Bay of Bengal Pilot (1978 Edition) — Supplement 11–2001**Myanmar (Burma) – Approaches to Rangoon River — Light–vessel; wreck****105**

R 30–35 Including existing Supplement amendment
Replace by:

6.22 The positions of Thuriya and Sanda Light–...

106

L 41–R 30 Including existing Supplement amendment
Delete Reference to Dagon Light–vessel.

R 50–52 *Replace by:*

Vessels of 8 m (26 ft) draught and over must anchor about 8 miles S of the pilot station and await instructions from the pilot.

107

L 22–27 Including existing Supplement amendment
Replace by:

... alter course NE to make for a position 16°00′.0N, 96°19′.5E, about 8 miles S of the Rangoon River pilot station, passing SE of Sanda Light–vessel and taking care to keep in depths of not less than 18 m (60 ft) until Krishna Shoal has been passed. From the position S of the pilot station the track leads N to the pilot vessel, thence E of Lanthaya Light–vessel and into the river entrance.

The following dangerous wrecks shown on the chart lie in the approaches to Rangoon River (with positions relative to Lanthaya Light–vessel (16°11′.7N, 96°17′.3E)):

5½ miles E, the position of which is approximate.

2¾ miles ESE. A green light–buoy lies about 1 mile E of the wreck.

3 miles SSE. A red can buoy lies close N of the wreck.

12 miles SSW (16°00′.0N, 96°14′.2E). This is the wreck of the Dagon Light–vessel.

Other wrecks and obstructions lie in these waters, as shown on the chart.

Myanmar Navy Notice 2/02

(HH. 511/450/02)

[28/02]

NP 44 Malacca Strait and West Coast of Sumatera Pilot (1987 Edition) — Supplement 5–1999**Pulau Perak — Light****50**

L 6 *Add:* A light is exhibited from the rock.

L 33 Including existing Supplement amendment *Replace by:*

2.60a**Major lights:**

Pulau Perak (white concrete tower, black bands) (5°41′.7N, 98°56′.3E).

Pulau Jarak (white metal framework tower, red bands) (3°58′.7N, 100°05′.7E)

Marine Department, Peninsular Malaysia Notice 14/02

(HH. 520/400/02)

[28/02]

Tanjung Jambuaair to Ujung Peureulak — Directions**80**

R 27 *Add:*

SW of the FPSO *Langsa Venture* (5°19′N, 98°03′E), thence:

Indonesian Notices 5/234/02 and 16/115/02

(HH. 524/180/14)

[28/02]

NP 46 Mediterranean Pilot Volume II (1978 Edition) — Supplement 10–1998**Italy, West Coast – Terracina — Wreck; restricted area****200**

L 57 Including existing Supplement amendment *Add:*

A second **prohibited area**, shown on the chart, radius 5 cables, encloses a dangerous wreck (41°16′.2N, 13°14′.2E) about 1 mile SW of Terracina.

Italian Notice 6.11/02

(HH. 369/590/03)

[28/02]

Italy, West Coast – Approaches to Rada di Gaeta – Promontorio di Monte Orlando Southwards — Nature Reserve**201**

L 17 *Add:*

Nature Reserve. A Nature Reserve, shown on the chart, the seaward limits of which are marked by light–buoys (special), lies in the coastal waters S of **Promontorio di Monte Orlando**. Within the area, navigation within 100 m of the coastline is prohibited for power driven craft. Stopping, fishing and the gathering of marine organisms is prohibited for all craft except those with authorisation from the Reserve authorities and displaying the associated identification.

Italian Notice 6.3/02

(HH. 369/590/03)

[28/02]

IV

NP 58B Norway Pilot Volume IIIB (1984 Edition) — Supplement 8–2002

Vengsøyfjorden – Kaldfjorden — Submarine pipelines; anchorages

112

L 30–34 *Replace by:*

Spare
5.210

L 40 *Add:*

Caution. A submarine pipeline, not shown on the chart, is laid across the cove between Innelv (69°41′.4N, 18°44′.3E) and the opposite shore SSW (see 5.203).

Norwegian Chart 87

(HH. 309/430/03)

[28/02]

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

Guatemala – Puerto Barrios — Maximum draught

93

L 23 Including existing Supplement amendment *Replace by:*

... 183 m, draught 8.5 m.

MT *Temryuk*

(HH. 625/405/02)

[28/02]

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2002/03. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

2272·2	- Pier	52 19·8 2 F G(vert) 1 41·3	4	...	Green △ on green beacon	
		*				
4237	- Carragh an t'Sruith (N)	55 52·3 Fl WG 3s 6 05·8	8	W 9 White tower G 6	5	<i>fl 0·3, ec 2·7.</i> W354°-078°(84°), G078°-170°(92°), W170°-185°(15°)
						*
4299·5	--- Off SW side	55 52·0 VQ G 5 24·4	...	...	Perch	<i>fl 0·5</i>
*	*	*	*	*	*	*
4965	- Ro Ro Terminal Wharf	53 24·5 F WR 3 00·8	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>
						*
5637·4	- Rock. Pontoon Jetty. Head	50 32·6 2 F R(vert) 4 55·4				*
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 Q R 6 15·1	10	3 Red □ on timber pile		Tide gauge
				*		
5913·75	- Gauge	53 43·5 Q G 6 15·0	10	3 Green △ on timber pile		
				*		
5914·3	- Carrick	53 43·8 Fl R 3s 6 15·4	10	3 Red □ on timber pile		
				*		
5915·2	- Barrel	53 43·9 Fl R 2s 6 16·0	10	3 Red □ on timber pile		
				*		
5916·4	- Mornington Pier	53 43·4 Fl R 2s 6 17·1	10	3 Red □ on timber pile		
				*		

V

Volume A *continued.*

5916-6	- Queens Boro	53 43-5 6 17-1	Q G	10	3	Green $\triangle$ on timber pile	
				*			
7484-6	- Q4-B (NETH)	52 43-1 4 18-1	Mo(U)W 15s	...	...	...	Fog Signal
*	*	*	*	*	*	*	*

Volume B, 2002/03. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

3704	- Hamarhaugflu	60 00-2 5 43-6	Oc(2)WRG 8s	4	W 9 R 8 G 7	White lantern on tripod	R280°-290°(10°), W290°-303°(13°), G303°-336°(33°), W336°-354°(17°), R354°-007°(13°), G007°-012°(5°), W012°-039°(27°), R039°-153°(114°), G153°-167°(14°), W167°-169°(1°), R169°-187°(18°)
		*					*
3711	- Venganeset	60 12-4 5 35-6	Oc WRG 6s	9	W 6 R 4 G 4	White lantern on concrete column	<i>ec 1.</i> G004°-017°(13°), W017°-044°(26°), R044°-060°(16°), W060°-065°(5°), G065°-102°(36°), R102°-169°(67°), W169°-173°(4°), G173°-200°(26°), W200°-205°(5°), R205°-213°(8°), W213°-232°(19°), G232°-247°(15°)
		*					*
3712-6	- Oldervik	60 22-3 5 41-1	Oc WRG 6s	8	W 9 R 6 G 6	White lantern	R245°-254°(9°), W254°-259°(4°), G259°-003°(104°), W003°-016°(13°), R016°-021°(5°)
		*					*
3714	- Malkenes	60 04-8 5 41-3	Oc(2)WRG 8s	4	W 8 R 8 G 8	White lantern	G098°-106°(8°), W106°-140°(34°), R140°-183°(43°), W183°-189°(6°), G189°-238°(49°), W238°-286°(48°), R286°-294°(8°)
		*					*
3800	- Flatøy. NW point. Raunane	60 15-8 5 11-2	Oc(2)WRG 8s	12	W 2 R 1 G 1	Lantern on column	R021°-026°(5°), W026°-054°(28°), R054°-186°(132°), W186°-193°(7°), G193°-197°(4°)
		*					*
3802	- Kobbeleia	60 18-1 5 08-9	Oc(2)WRG 8s	12	W 10 R 8 G 8	White lantern	R342°-353°(11°), W353°-002°(8°), G002°-175°(173°), W175°-184°(9°), R184°-192°(7°)
		*					*

V

Volume B *continued.*

3804	Fleslandskjer	60 17·6 5 12·3	Oc(3)WRG 10s	4	W 9 White lantern on stone R 9 column G 8	R357°-002°(5°), W002°-013°(11°), G013°-019°(6°), W019°-020·5°(1·5°), R020·5°-031°(10·5°), W031°-043°(12°), G043°-119°(76°), R119°-173·5°(54·5°), W173·5°-187·5°(14°), G187·5°-190°(2·5°)
			*			*
3808	- Hilleren	60 19·9 5 12·2	Oc(2)WRG 8s	6	W 10 White lantern R 7 G 7	G356°-356·5°(0·5°), W356·5°-007°(10·5°), R007°-121·5°(114·5°), W121·5°-126°(4·5°), G126°-151°(25°)
			*			*
3810	- Revskolten	60 20·2 5 11·2	Oc WRG 6s	2	W 8 Beacon R 7 G 7	R104°-117·5°(13·5°), W117·5°-317°(199·5°), G317°-325·5°(8·5°)
			*			*
3812	- Straumhellepynten	60 20·3 5 11·3	Oc RG 6s	3	R 7 White lantern G 7	R307·5°-332°(24·5°), G332°-094°(122°), R094°-132·5°(38·5°)
			*			*
3814	- Vonflua	60 20·2 5 10·5	Oc WRG 6s	3	W 10 White lantern on tripod R 8 G 7	G017·5°-046°(28·5°), W046°-047°(1°), R047°-058·5°(11·5°), W058·5°-063·5°(5°), G063·5°-176°(112·5°), W176°-181°(5°), R181°-194°(13°), G194°-243°(49°)
			*			*
3820	- Hjelteskjer	60 23·2 5 10·6	Oc(2)WRG 8s	5	W 9 White lantern on tripod R 9 G 8	R243°-244·5°(1·5°), W244·5°-248°(3·5°), G248°-010·5°(122·5°), R010·5°-118·5°(108°), W118·5°-120·5°(2°), G120·5°-154·5°(34°)
			*			*
4053	- Hauglandsosen	60 25·5 5 08·5	Oc WRG 6s	12	W 10 White lantern, concrete base R 8 G 7	G352·5°-353·5°(1°), W353·5°-000°(6·5°), R000°-095·5°(95·5°), W095·5°-098·5°(3°), G098·5°-132·5°(34°), R132·5°-171·5°(39°), W171·5°-173·5°(2°), G173·5°-193°(19·5°)
			*			*

Volume C, 2002/03. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

0782·1	--- Rear. 256m from front	56 09·3 10 40·2	Iso W 2s	15	9 Grey framework tower 13	Vis 043·2°-075·2°(32°). Synchronized with front
			*			
0813·2	-	56 14·6 10 20·6	F G	5	4 White □, green top 3	Vis 007°-257°(250°). Floodlit
			*		*	*

V

Volume C *continued.*

0814·1	--- Rear. 114m from front	56 15·1 F R 10 20·7 *	49	5 Orange ▽ on house 45 *	Vis 70° each side of leading line *
0819	- Rønsten Grund. SE	56 15·6 Fl(3)R 10s 10 28·6 *	2	2 Dolphin 2	(fl 0·5, ec 0·5) x 2, fl 0·5, ec 7·5. Shown 1/4-15/11 *
1366·5	- Volkstorf 12. Ldg Lts 160·4°. Front	53 55·7 Oc W 4s 10 52·3	13	12 White △, red border, on white mast 10	ec 1. Intens on leading line. Floodlit. TE 2002 *
1366·51	--- Rear. 210m from front	53 55·6 Oc W 4s 10 52·4	21	12 White ▽, red border, on white mast 18	ec 1. TE; Oc WRG 4s 21m G(7M)150°-158·5°(8·5°), W(12M)158·5°-161°(2·5°), R(6M)161°-170°(9°) (T) 2002 *
1646	- Helleholm. Ldg Lts 173°30'. Front *	55 11·6 Iso W 2s 11 13·0	7	13 White mast, red band 4 *	Vis 4° each side of leading line. Shown 24 hours *
1646·1	--- Rear. 640m from front *	55 11·2 Iso W 4s 11 13·0	17	14 White mast, red band 14 *	Vis 4° each side of leading line. Shown 24 hours *
1936	- Lts in line 245°. Haken. Front	55 54·6 Iso WRG 8s 12 43·5	15	W 16 White tower, red dwellings R 13 12 R 7 G 12	R136°-149°(13°), G149°-162°(13°), W162°-170·5°(8·5°), R170·5°-202°(31·5°), R(unintens)202°-297°(95°), R297°-311°(14°), G311°-343°(32°), W343°-350·5°(7·5°), R350·5°-005°(14·5°). Also shown by day 1/11-31/3. Oc(5)Y 20s on pile 0-75M SSE *
3603·3	Saareotsa. Ldg Lts 250·4°. Front	58 13·7 Q R 24 08·1	4	2 White □, red stripe, on red metal column 3 *	Vis on leading line only. Private
3603·31	-- Rear. 0·08M from front	58 13·7 Iso R 2s 24 08·3	7	2 White □, red stripe on red metal column 5 *	Vis on leading line only. Private
3653·1	--- Rear. 0·25M from front *	58 54·5 Oc W 3s 23 26·0	24	10 Black ◇ on white ▢ on red framework tower 19	ec 0·5. Vis on leading line only. Shown 24 hours
3710·1	Anseküla. Rear. 1·7M from front	58 05·9 Fl W 1·5s 22 13·9	35	7 Square concrete tower, black over white 22 *	fl 0·5

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Volume C *continued.*

3872-31	-- Rear. 0-6M from front	59 35-7 Fl W 2s 26 05-0	22	7 White $\square$, black stripe, on framework tower 17	<i>fl 0-5</i> . Vis on leading line only. Shown 1/4-20/12
	*				
4076-3	- Naberezhnaya Leytenanta Shmidta	59 55-8 F G 30 16-3			
*	*	*	*	*	*
4354	Marjakari. Ldg Lts 072-5°. Front	61 53-9 Q Y 21 24-2	5	3 White $\square$, red stripe	Vis 068-5°-076-5°(8°)
	*	*	*	*	*
4354-1	-- Rear	61 54-0 LFl Y 6s 21 24-6	9	3 White $\square$, red stripe	<i>fl 2</i> . Vis 068-5°-076-5°(8°)
		*	*	*	*
4363	Aspskär	61 45-1 Fl WRG 3s 21 27-4	9	4 ...	G067°-088°(21°), W088°-095°(7°), R095°-110°(15°)
			*	*	*

Volume D, 2002/03. NEW EDITION. Weekly Edition No. 28, Dated 11th July, 2002.

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

1153	- Basse de Martroger	47 02-6 Q WRG 2 17-1	11	W 9 Δ on yellow masonry tower, R 6 black top G 6 16	G033°-055°(22°), W055°-060°(5°), R060°-095°(35°), G095°-124°(29°), W124°-153°(29°), R153°-201°(48°), W201°-240°(39°), R240°-033°(153°). Q W 3M (T) 2002
					*
1524-6	-- Counter-jetty. Head. S	43 21-1 Fl(2+1)G 10s 3 02-7	13	3 Green round tower, red band 5	<i>fl 0-5, ec 0-8, fl 0-5, ec 2, fl 0-5, ec 5-7</i> . R lights on radio tower 1-3M SW and on chimneys 0-85M SSW. 2 buoys Iso W mark works in progress 240m NE and 800m SSE (T) 2001
					*
1532-6	--- Submerged Mole. Head	43 18-6 Fl(2+1)R 15s 3 00-0	11	2 Red metal tripod, green band 8	<i>fl 0-5, ec 1-5, (fl 0-5, ec 6) x 2</i> . TE; marked by yellow buoy Fl(4)Y 12s 2M (T) 2001
					*
1557-8	- Canal de Pedreña-Somo. Bn 1. La Bolisa	43 26-9 Fl(4)G 11s 3 45-6	...	3 Δ on green post	<i>(fl 0-5, ec 1-5) x 3, fl 0-5, ec 4-5</i>
*	*	*	*	*	*
1597-4	-- Contradique Exterior. Head	43 33-9 Fl(3)G 8s 5 40-9	14	4 Green metal tower 4	<i>(fl 0-5, ec 1) x 2, fl 0-5, ec 4-5</i> . TE; green buoy, Fl(3)G 8s 4M, marks demolition site. Green buoy, Q G 3M, 260m 072° marks works in progress (T) 2002
					*
1699-2	- Fuel Pier. E Head (Punta Promontorio)	43 27-8 Q G 8 13-9	11	1 Mast 7	Synchronized with D1699-4. TE 2002
					*

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Volume D *continued.*

1699-4	-- W Head	43 27-8 Q G 8 14-0	11	1 Mast	7	Synchronized with D1699-2. TE 2002
						*
1716-2	- Muelle del Centenario. NW corner	43 21-8 Fl(4)R 14s 8 23-7	9	2 Red post	6	(fl 0-5, ec 1-5) x 3, fl 0-5, ec 7-5
						*
1735-1	-- Basin. Head	43 11-3 Fl(2)G 7s 9 05-2	12	5 Round concrete tower	8	fl 0-5, ec 1-5, fl 0-5, ec 4-5
						*
1775	- Outer breakwater. Head	42 48-4 Fl G 2s 9 08-2	8	4 Green round tower	6	fl 0-5. Vis 169°-038°(229°)
						*
1895-8	-- NE corner	42 14-1 Fl G 4s 8 45-0	8	4 Green 3-sided tower	4	fl 0-5. Vis 072°-319°(247°)
						*
2318-1	- Puente del Burro. N passage	37 13-0 Q G 6 57-9	3	1 Concrete pile		TE 2002
						*
2318-2	---	37 13-0 Q R 6 57-9	3	1 Platform on bridge		TE 2002
						*
2318-4	-- S passage	37 13-0 Q G 6 57-9	3	1 Concrete pile		TE 2002
						*
2318-5	---	37 13-0 Q R 6 57-9	3	1 Concrete pile		TE 2002
						*
2367-2	--- Containment Wall. Head	36 32-8 Fl(4)G 10s 6 16-7	10	3		
*	*	*	*	*	*	*
2590-5	- Entrance Dir Lt 043-5°	33 08-9 Dir Fl(3)WRG 6s 8 37-0	...	6 Column		G041-4°-042-25°(0-85°), W042-25°-044-75°(2-5°), R044-75°-045-6°(0-85°). TE 2002
						*
2595	- Pointe de la Tour	32 20-0 Oc(4)W 12s 9 16-8	90	18 Yellow square tower	12	(ec 1, lt 1) x 3, ec 1, lt 5. Vis 302°-164°(222°). F R lights on radio mast 0-5M 016°
						*
2807-37	--- S Jetty. Head	28 07-7 Fl R 3s 15 25-4	7	3 Red pillar	5	fl 0-3. Buoy, Q R 3M, 0-2M SSE marks works in progress (T) 2001
						*

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Volume D *continued.*

2812	- Punta Arinaga	27 51·7 15 23·0	Fl(3)WR 10s	46	W 12 R 9	White round tower, red bands 13	(<i>fl 1, ec 1</i>) <i>x 2</i> , <i>fl 1, ec 5</i> . R012°-052°(40°) over Punta Tenefé, W052°-172°(120°), R172°-212°(40°) over Baja de Gando, W212°-012°(160°). 8 Oc R 5s obstructions lights 0·6M NW. ⚠ on black buoy, yellow band 1·2M SW marks works in progress (T) 2001
							*
2845	- Puerto de Santiago. Jetty. Head	28 01·5 17 11·7	Fl(2)R 7s	12	5	Red pillar on red column 5	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5</i>
			*			*	*
6141	-- Main East Breakwater. Northern Spur. Head	34 11·1 18 26·3	Fl(3)W 7s	13	15	White column, red lantern 11	(<i>fl 1, ec 0·5</i>) <i>x 2</i> , <i>fl 1, ec 3</i> . Vis 140°-290°(150°). TE 2002
							*
6576	- Ponta Matirre	17 16·6 38 11·0	Fl(2+1)W 12s	50	14	White metal framework tower, red bands 13	TE 2002
							*
6598·1	--- Rear. 410m from front	15 03·2 40 47·4	Fl(4)W 10s	30	27	White square masonry tower, black bands, on dwelling 31	Aeromarine. (<i>fl 0·7, ec 0·8</i>) <i>x 3</i> , <i>fl 0·7, ec 4·8</i> . TE 2002
							*
6613	- Ponta Zuani	14 29·9 40 40·2	Fl R 4s	6	5	White pile structure 5	<i>fl 0·4</i> . TE 2002
							*
6614	- Ponta Namuáxi	14 31·4 40 39·4	Fl G 4s	5	5	White pile structure 5	Vis 178°-025°(207°). TE 2002
							*
7575·655	- S1	28 51·2 48 17·3	Q W	...	...	Black beacon, yellow base	
*	*	*	*	*	*	*	*
7575·66	- S2	28 50·8 48 17·3	VQ(6)+LFl W 10s	...	...	Yellow beacon, black base	
*	*	*	*	*	*	*	*
7575·665	- S3	28 50·7 48 18·2	VQ(6)+LFl W 10s	...	...	Yellow beacon, black base	
*	*	*	*	*	*	*	*
7575·67	- S4	28 50·2 48 18·7	VQ(6)+LFl W 10s	...	...	Yellow beacon, black base	
*	*	*	*	*	*	*	*
7575·675	- S5	28 48·2 48 20·2	Q W	...	...	Black beacon, yellow base	
*	*	*	*	*	*	*	*

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Volume D *continued.*

7575-68	- S7	28 45-7 Q W 48 20-9	...	...	Black beacon, yellow base	
*	*	*	*	*	*	*
7575-75	- No 2	28 45-6 Q(3)W 5s 48 25-0	5	5	⬠ on black beacon, yellow band	
		*				
7575-9	- No 5	28 45-8 Q(9)W 15s 48 23-7	5	5	⌘ on yellow beacon, black band	
		*				
7578-4	- NW	28 54-2 Q W 48 16-2	...	...	White beacon	Occas
		*				
7589-82	- Az-Zor. S Jetty. Head	29 26-6 Fl G 48 16-3				
*	*	*	*	*	*	*
7589-83	-- Detached Breakwater. S Head	29 26-8 Fl R 48 16-2				
*	*	*	*	*	*	*
7589-84	--- N Head	29 26-8 Fl G 48 16-3				
*	*	*	*	*	*	*
7589-85	-- N Jetty. Head	29 26-9 Fl R 48 16-4				
*	*	*	*	*	*	*
7592-2	- N Breakwater. Head	29 20-8 G 48 06-1				
*	*	*	*	*	*	*
7592-3	- S Breakwater. Head	29 20-8 R 48 06-1				
*	*	*	*	*	*	*
7593-72	-- Breakwater. Head	29 20-6 Fl G 48 03-3				
*	*	*	*	*	*	*
7593-74	----	29 20-6 Fl R 48 03-3				
*	*	*	*	*	*	*
7598-65	-- M6	29 22-5 Fl R 47 57-9				
*	*	*	*	*	*	*
7598-66	-- M7	29 22-5 Fl G 47 57-8				
*	*	*	*	*	*	*

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Volume D *continued.*

7599	- ASH SHUWAYKH. Swinging Basin. Breakwater. Head	29 21·4 Fl Y 3s 47 56·0		4	3		
			*				
7601·85	- Rā's Ad-Dohah. Breakwater. Head	29 23·6 Fl G 47 50·3					
*	*	*	*	*	*	*	*
7601·87	-- Breakwater. Head	29 23·6 R 47 49·9					
*	*	*	*	*	*	*	*
7601·88	----	29 23·6 G 47 49·9					
*	*	*	*	*	*	*	*
7601·89	----	29 23·5 R 47 49·9					
*	*	*	*	*	*	*	*
7601·9	----	29 23·5 G 47 50·0					
*	*	*	*	*	*	*	*
7607·47	- N Jetty. Head	29 34·6 Fl W 48 11·0					
*	*	*	*	*	*	*	*
7607·48	- S Jetty. Head	29 34·3 Fl W 48 11·4					
*	*	*	*	*	*	*	*
7708	- E Breakwater. Head	27 05·4 Fl G 3s 56 04·3		...	...	Framework tower	
			*				
7708·2	- W Breakwater. Head	27 05·2 Fl R 2s 56 04·2		...	...	Framework tower	
			*				
7708·4	- E Inner Breakwater. Head	27 05·5 Fl(3)G 5s 56 04·1		...	...	Framework tower	
			*				
7708·5	- W Breakwater. Spur	27 05·3 Fl R 7s 56 03·9		...	...	Framework tower	
			*				

Volume E, 2001/02. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

3601·7	-- Bridge. Centre	42 40·1 Iso W 2s 18 05·1		50	5	Green construction	
*	*	*	*	*	*	*	*

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Volume E *continued*.

3702	- Kepi i Shëngjinit	41 48·9 Fl R 5s 19 35·1		24	10 Pile on roof of building 18	<i>fl 0·5. TE 2002</i>	
		*			*		*
4176·1	-- NW Mole. Head	37 57·7 Fl R 3s 23 29·6		...	5		
	*	*	*	*	*	*	*
4176·2	-- SE Mole. Head	37 57·7 Fl G 3s 23 29·7		...	5		
	*	*	*	*	*	*	*
4294·15	- N Rock	36 53·5 Fl W 7s 25 32·6		...	6		
	*	*	*	*	*	*	*
4294·4	Vrakhonisídha Plakí	36 51·8 Fl(2)W 8s 25 37·4		...	8		
	*	*	*	*	*	*	*
5900	Klidhes Islet	35 42·5 Fl(4)W 20s 34 36·4		20	14 White metal tower 8		
		*		*			*

Volume F, 2001/02. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

1078	<i>DAGON Lt V</i>	16 00·0 Fl(3)W 20s 96 14·2		12	11 Red hull and light-tower, white Dagon on side	Ra refl. Riding light F W. Racon. Sunk (T) 2002	
						*	
1327·2	- <i>MV 8 Langsa Venture</i>	5 18·9 Fl W 5s 98 02·8		30	12 Beacon		
	*	*	*	*	*	*	*
1606	- No 25	2 58·5 Fl(2)R 15s 101 18·6		12	4 Red ○ on black metal tower		
					*		
1607	- Sungai Pandan. No 27	2 55·6 Fl W 4s 101 17·5		17	5 Green △ on white column on piles	<i>fl 0·5</i>	
					*		
3850·62	Yangkou	36 14·3 F G 120 40·2		8	5 ...	Fishing	
	*	*	*	*	*	*	*
3850·65	Jiaoshi (Jizhun Yan)	36 15·1 Fl W 6s 120 42·4		5	2 ...	Fishing	
	*	*	*	*	*	*	*
3850·85	Shandong Tou Breakwater. Head	36 19·7 Iso G 4s 120 43·4		...	3		
	*	*	*	*	*	*	*
3851	<i>Remove from List</i>						

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Volume F *continued.*

3856-1	Yaque Shi	36 21·9 Fl(2)W 5s 120 53·0	5	2		
*	*	*	*	*	*	*
4278	Chang Kundo. Eoryong Do	34 17·0 Fl W 15s 126 28·6	91	22	White 8-sided concrete tower	Racon
--		... Horn 40s	...	...	6	<i>bl</i> 5. Answers vessel's signals
						*
4660-6	- S Breakwater	24 17·4 Fl R 2s 120 30·0	21	14	Red round concrete tower 19	
-- Auxiliary		... Fl R 2s	...	5	...	Vis 136°-353°(217°). May be intensified
	*	*	*	*	*	*
4660-8	- S Inner Breakwater	24 17·1 Fl R 3s 120 30·7	13	10	Red round concrete tower 10	<i>fl</i> 0·5
		*	*	*		*

Volume G, 2001/02. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

1342	Mengeary Point	51 38·7 Fl(2)W 7s 57 43·6	...	10	White GRP lantern box 2	<i>fl</i> 0·5, <i>ec</i> 1, <i>fl</i> 0·5, <i>ec</i> 5. Racon. TR 2002
						*
3465-8	Punta Gorda	17 32·0 Fl(4)W 16s 101 27·0	120	14	Truncated pyramidal tower 7	(<i>fl</i> 1, <i>ec</i> 2) x 3, <i>fl</i> 1, <i>ec</i> 6
						*
3495	El Asadero	21 40·8 Fl(2)W 10s 105 22·1	38	7	Metal structure 3	<i>fl</i> 1, <i>ec</i> 1, <i>fl</i> 1, <i>ec</i> 7
				*		
3496	- Isla Cleofas. S part	21 15·3 Fl(4)W 16s 106 16·0	150	14	White metal framework tower 7	(<i>fl</i> 1, <i>ec</i> 2) x 3, <i>fl</i> 1, <i>ec</i> 6. TE 2002
						*
3565-58	Islote El Pardito	24 51·0 Fl(2)W 10s 110 36·0	7	11	Metal truncated pyramidal tower	<i>fl</i> 1, <i>ec</i> 2, <i>fl</i> 1, <i>ec</i> 6
*	*	*	*	*	*	*
3574	- 3rd Ldg Lts 033°. No 5. Front	24 11·3 Fl W 3s 110 18·1	32	11	White square masonry tower 5	<i>fl</i> 1. TE 2002
						*
3574-1	-- No 6. Rear. 80m from front	24 11·4 Iso W 2s 110 18·1	38	17	White square masonry tower 6	TE 2002
						*
3577	Punta Gorda	24 06·8 Fl W 6s 109 59·8	18	11	White metal framework tower 11	<i>fl</i> 1. TE 2002
						*

V

Volume G *continued.*

3679-3	--- M	32 41-2 Fl W 4s 117 13-6	5	4	
*	*	*	*	*	*
4426		<i>Remove Fog Signal</i>			
5124-5	-- Fish Creek. No 3	48 27-8 Fl Y 4s 122 58-1	...	... On float	
*	*	*	*	*	*
7500	- Kilauea Point	22 13-9 Fl W 10s 159 24-1	53	24 White concrete pillar 3	Vis 065°-295°(230°). Shown 24 hours. Reserve light reduced range shown at night only
		*			

Volume H, 2001/02. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

0206	- Ldg Lts 024°. Front	48 32-0 F G 58 31-4	43	14 Fluorescent red daymark, black stripe, on grey framework tower 27	
				*	*
0206-1	-- Rear. 244m from front	48 32-1 F G 58 31-3	56	15 Fluorescent red daymark, black stripe, on grey framework tower 27	
	*			*	*
0223	- Ldg Lts 300°43'. Flagstaff Hill. Front	47 34-8 F G 59 08-6	39	14 Red daymark, white stripe on framework tower 6	
				*	*
0223-1	-- Rear. 202m from front	47 34-9 F G 59 00-7	67	14 Red daymark, white stripe on framework tower 7	R lights on radio tower 45m SE
				*	*
0224	- Graveyard Point. Breakwater. Head	47 34-4 Fl W 4s 59 07-8	10	6 Mast 2	<i>fl 0-5.</i> Floodlit
			*	*	*
0227	- Vardys Island. (Rhode Island). SW point	47 34-6 Fl R 4s 59 08-2	6	7 Red and white □ on square framework tower 4	<i>fl 0-5.</i> Floodlit
				*	*
0230	Margaree Point	47 34-2 Fl W 4s 59 04-1	6	6 Red daymark, white horizontal band on framework tower 4	
			*	*	*
0232	- Pitman's Island. N end	47 34-8 Fl W 3s 58 58-9	9	6 Red daymark, white horizontal band on square framework tower 6	<i>fl 0-5</i>
			*	*	

V

Volume H *continued.*

0232·4	- Wharf	47 34·9 Fl G 3s 58 58·7	4	4 Square mast 3	<i>fl 0·5</i>
				*	
0233	- Potato Island. Ldg Lts 337°42'. Front	47 35·0 F G 58 59·1	12	12 White daymark, red stripe, on square framework tower 4	
			*	*	*
0233·1	--- Rear. 47m from front	47 35·0 F G 58 59·1	12	12 White daymark, red stripe, on square framework tower 4	
				*	*
0234	- Great Burnt Island. Ldg Lts 034°25'. Front	47 35·7 F R 58 53·6	16	14 White daymark, red stripe, on square framework tower 4	
				*	*
0234·1	--- Rear. 37m from front	47 35·7 F R 58 53·6	20	14 White daymark, red stripe, on square framework tower 4	
				*	*
0238	- Colombier Island	47 35·4 Fl W 5s 58 53·9	18	16 Framework tower 9	<i>fl 0·5.</i> Emergency light
		... Horn 30s	...	...	<i>bl 3.</i> Horn points 186°
	*			*	
0244	- Cain's Island. SW point	47 36·0 Fl R 10s 58 42·2	15	13 Framework tower 9	<i>fl 0·5</i>
		... Horn 60s	...	...	<i>bl 4.</i> Horn points 176°
				*	*

Volume J, 2001/02. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

1378·18	- No 134	37 35·0 Fl R 4s 75 40·5	5	3 Red △ on multi-pile structure	Equipment removed when endangered by ice. PA
				*	
4261·2	- N Breakwater	20 29·0 Fl R 5s 97 00·0	8	8 White metal tower 7	<i>fl 0·5.</i> TE 2002
					*

Volume K, 2002/03. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

1750	-- West Breakwater. Head	28 46·2 Fl G 3s 114 36·0	...	... Pile	
			*	*	*

V

Volume K *continued*.

2956-13	-- No 3	24 45-3 Fl G 4s 152 27-0	...	...	...	Fl G 4s and Fl R 4s lights (<i>fl 1-3</i>) in Sea Reach, Middle Reach and Inner Reach of Burnett River are synchronized. If synchronized system fails, lights temporarily revert to Fl G 4-3s and Fl R 4-3s. (P)2002
						*

Volume L, 2002/03. Weekly Edition No. 28, Dated 11th July, 2002.

Last Amendment: Weekly Edition No. 27, dated 4th July, 2002.

0915-1	-- Tvinitla. Rear	62 52-0 Oc WRG 6s 6 33-0	11	W 6 Beacon R 4 G 4	R073°-096-5°(23-5°), G096-5°-103°(6-5°), R103°-135°(32°), G135°-203°(68°), R203°-244°(41°), W244°-248-5°(4-5°), G248-5°-289°(40-5°), W289°-291°(2°), R291°-319°(28°), G319°-339-5°(20-5°). Shown 16/7-21/5
				*	*
1882-2	- N Kværna	64 51-2 VQ(3)R 5s 10 36-0	4	... Metal perch	
*	*	*	*	*	*
1882-22	- Hammarsøya	64 51-1 Fl(2)G 5s 10 36-3	5	... Metal perch	
*	*	*	*	*	*
1882-3	- Bursholmene	64 51-4 Q R 10 36-7	3	... Metal perch	
*	*	*	*	*	*
1882-5	- N Råholmen	64 52-0 Q R 10 37-6	3	... Metal perch	
*	*	*	*	*	*
1882-6	- Steverøy	64 52-8 Q G 10 39-4	5	... Metal perch	
*	*	*	*	*	*
1882-65	- No Måsøya	64 53-2 Q R 10 41-1	4	... Metal perch	
*	*	*	*	*	*
1883-1	- Syd Tverrøy	64 50-3 Q G 10 35-8	3	Metal perch	
*	*	*	*	*	*
1884-2	- Digerholmen	64 51-2 Q G 10 42-0	6	... Metal perch	
*	*	*	*	*	*
1884-4	- Starsøya	64 53-8 Q G 10 42-8	4	... Metal perch	
*	*	*	*	*	*

V

Volume L *continued.*

1884·6	- Lille Valøya	64 55·1 Q G 10 45·5	5	... Metal perch		
*	*	*	*	*	*	*
1884·7	-- N	64 55·4 Q G 10 46·9	3	... Metal perch		
*	*	*	*	*	*	*
1884·8	- Stokkholmen	64 55·3 VQW 10 47·5	4	... Metal perch		
*	*	*	*	*	*	*
1920·5	- Lauvøya. Brennholmen	64 56·9 Q W 11 21·1	7			
*	*	*	*	*	*	*
1923	Hattholmen	64 55·9 Q G 11 15·7	7			
*	*	*	*	*	*	*

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AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 28 dated 11 July 2002

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

Published Wk 26/02

(No Previous Amendments)

Page 70, **FØROYAR (Denmark), Tórshavn (OXJ), WT (MF)**, *delete table*

Tórshavn Radio (HH080/003/12 - E14) 28/02

VOLUME 1, PART 2 (NP 281) 2002/03

Published Wk 26/02

(No Previous Amendments)

Page 40, **AUSTRALIA, General Notes**, *delete section*

28/02

Page 40, **Brisbane**, *delete station*

28/02

Pages 40 and 41, **Darwin**, *delete station*

28/02

Page 41, **Melbourne**, *delete station*

28/02

Page 42, **Perth**, *delete station*

28/02

Page 43, **Sydney**, *delete station*

28/02

Page 46, **Townsville**, *delete station*

Australian Maritime Safety Authority (HH080/021/13 - E14) 28/02

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

Published Wk 22/02

(Last Amendments: Weekly Edition No. 27 dated 4 July 2002)

RADIO-FACSIMILE

Page 13, **Nairobi**, delete station and replace by:

Nairobi				
	9043			H24
	17445-6			
NOTE: Transmission is centred 1900 Hz above the registered frequencies. It is intended for the broadcasts to be received within a 3000 n miles radius of Nairobi				
DIAGRAM: page 3				

Map Areas

A	1:15,000,000 (a) 30°N.5°W 30°N.70°E 30°S.5°W 30°S.70°E	B	1:25,000,000 (a) 55°N.20°W 55°N.90°E 35°S.20°W 35°S.90°E	C	1:7,500,000 (a) 22°N.25°E 22°N.60°E 2°S.25°E 2°S.60°E	D	1:15,000,000 (a) 30°N.15°E 30°N.70°E 30°S.15°E 30°S.70°E
E	1:15,000,000 (a) 20°N.30°E 20°N.70°E 30°S.30°E 30°S.70°E						

Schedule

B	Significant Weather FL250	0010(12) 0600(18) 1037(00) 1742(06)	120/576
	Significant Weather below FL240 - Form No. 585A	0100(00) 0800(12)	
	Tabular Forecast - Form No. 2053	0140(12)	
	A	Significant Weather FL100-250	
	Climate Outlook	0630 0645	
	Test Chart	0830 ¹	
	B	FL180 Prognosis	
FL300 Prognosis		0903(00) 2114(12)	
FL340 Prognosis		0922(00) 2133(12)	
FL390 Prognosis		0941(00) 2152(12)	
D	Surface Analysis	1057(06) 1638(12)	
	850 hPa Upper Air Analysis	1112(06) 1653(12)	
	24 hour Change of Pressure	1127(06) 1455(12)	
	24 hour Surface Prognosis	1142(06) 1802(12)	
B	FL100 Upper Air Analysis	1210(00) 1820(12)	
	FL180 Upper Air Analysis	1229(00) 1839(12)	
	FL300 Upper Air Analysis	1248(00) 1858(12)	
	FL340 Upper Air Analysis	1307(00) 1917(12)	
	FL390 Upper Air Analysis	1326(00) 1936(12)	
E	Indian Ocean Surface Analysis	1345(06) 1708(12)	
C	Low Level Convergence Zone	1376(12)	
A	Significant Weather FL250 (segment)	1600(06)	
B	Significant Weather FL100-250	2350(12)	
(1) Changes to the schedule will be transmitted in place of the normal test chart			

Kenya Meteorological Department & WMO Volume D 2001 (HH080/015/02 - E13) 28/02

Page 23, **Saint-Denis Météo**, delete station

Page 24, delete diagram **Saint-Denis Météo**, Index of Map Areas

French Radio List & WMO Volume D 2001 28/02

VI

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Pages 262 and 263, **UNITED KINGDOM, METEOROLOGICAL SERVICES FOR SHIPPING**, delete table and sections from **List of Maritime Rescue Co-ordination Centres (MRCC) and Maritime Rescue Sub-Centres (MRSC) to Local Inshore Forecasts** and replace by:

List of Maritime Rescue Co-ordination Centres (MRCC) and Maritime Rescue Sub-Centres (MRSC)

	ADDRESS	TELEPHONE	TELEX	FAX
Eastern				
London Coastguard	Thames Barrier Navigation Centre, Woolwich	+44 (0)208 312 7380		+44 (0)208 312 7679
MRCC Dover	Langdon Battery, Swingate, Dover	+44 (0)1304 210008	96273	+44 (0)1304 202137
MRCC Yarmouth	Fourth Floor, Havenbridge House, Great Yarmouth	+44 (0)1493 851338	97400	+44 (0)1493 852307
MRSC Humber	Lime Kiln Lane, Bridlington	+44 (0)1262 672317	527351	+44 (0)1262 606915
MRSC Portland	Custom House Quay, Weymouth	+44 (0)1305 760439	417138	+44 (0)1305 760452
MRSC Solent	44A Marine Parade West, Lee-on-Solent, Gosport	+44 (0)23 92552100	869194	+44 (0)023 92551763
MRSC Thames	East Terrace, Walton-on-the-Naze	+44 (0)1255 675518	98314	+44 (0)1255 675249
Western				
MRCC Falmouth	Pendennis Point, Castle Drive, Falmouth	+44 (0)1326 317575	45560	+44 (0)1326 318342
MRCC Swansea	Tutt Head, Mumbles, Swansea	+44 (0)1792 366534 / 367761	48202	+44 (0)1792 369005
MRSC Brixham	Kings Quay, Brixham	+44 (0)1803 882704 / 5	42981	+44 (0)1803 882780
MRSC Holyhead	Prince of Wales Road, Holyhead	+44 (0)1407 762051 / 763911	61124	+44 (0)1407 764373
MRSC Liverpool	Hall Road West, Crosby, Liverpool	+44 (0)151 931 3341 / 3	629448	+44 (0)151 931 3347
MRSC Milford Haven	Gorsewood Drive, Hakin, Milford Haven	+44 (0)1646 690909	48293	+44 (0)1646 692176
Scotland & Northern Ireland				
MRCC Aberdeen	4th Floor, Marine House, Blaikies Quay, Aberdeen	+44 (0)1224 592334	73123	+44 (0)1224 575920
MRCC Clyde	Navy Buildings, Eldon Street, Greenock	+44 (0)1475 729988	777006	+44 (0)1475 786955
MRSC Belfast	Bregenz House, Quay Street, Bangor	+44 (0)28 9146 3933	747833	+44 (0)28 9146 5886
MRSC Forth	Fifeness, Crail	+44 (0)1333 450666	72440	+44 (0)1333 450725
MRSC Shetland	The Knab, Knab Road, Lerwick	+44 (0)1595 692976	75141	+44 (0)1595 694810
MRSC Stornoway	Battery Point, Stornoway	+44 (0)1851 702013 / 4	75157	+44 (0)1851 704387

MRCC / MRSC Voice Call Signs

The voice call sign of an MRCC or MRSC is the geographical name followed by "Coastguard", e.g. "SWANSEA COASTGUARD".

Winter Fishing Fleet Forecasts — HM Coastguard

A 3 day forecast for fishing fleets in the North Sea and South West Approaches is transmitted by NAVTEX 490 kHz between October and March. A forecast of wind direction and force is provided, covering the 3 days ahead from the time of issue.

The National Severe Weather Warning Service (NSWWS)

The NSWWS is provided by the Met. Office. Warnings of severe weather; the overriding criterion for the issue of these warnings is the strong likelihood of severe weather which may cause considerable inconvenience to a large number of people and / or present a danger of life. Flash messages are issued up to 6 hours ahead of the expected event and are sent to emergency organisations and to radio and TV companies for broadcast to the public. Early Warnings with longer lead times are sent only to emergency organisations, with the public kept informed through scheduled forecasts on radio and TV.

Strong Wind Warning Service

For the inshore seafarer, the Met. Office provides a Strong Wind Warning Service (SWWS) to HM Coastguard. The warnings are also issued to the BBC and to independent local radio stations which are strongly encouraged to take the relevant warnings applicable to their stretch of coastline. The service is provided all the year round by telex from the local Weather Centre.

Warnings are issued whenever winds of force 6 or more are expected over coastal waters up to 5 n miles offshore. The warnings will cover a period of 12 hours ahead, and, whenever possible, are issued at least 6 hours in advance of the onset of the strong winds. The stretch of coastline for which the warning applies will be described as precisely as possible using coastal landmarks such as ports, coastal towns and other well-known geographical features.

Strong Wind Warnings will not be automatically broadcast on receipt or at regular routine broadcast schedules particularly where the SWW mirrors information contained in the Local Inshore Forecast.

Following a period of calm weather conditions, if a SWW is unexpectedly issued, the consequences of which could clearly catch out small craft, such warnings will be broadcast on receipt and as part of the routine broadcast schedules until either the conditions have passed or the content is incorporated into the Local Inshore Forecast. In such circumstances, the Safety Signal and the DSC alert may be issued to announce the initial broadcast only.

Continued on next page

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Following an initial call on VHF Ch 16 (DSC VHF Ch 70 may be used in exceptional circumstances), warnings are broadcast by HM Coastguard on receipt on a working channel as announced on VHF Ch 16. The text of such a warning will indicate that 'there are warnings of gales seawards of the coastal strip although winds up to 5 n miles offshore are not expected to reach Force 6'.

After the initial broadcast, warnings are repeated in the routine 4 hourly broadcasts in accordance with schedules of the broadcasts from HM Coastguard Co-ordination Centres. The warnings are self cancelling 12 hours after issue.

Local Inshore Forecasts

HM Coastguard broadcasts a Local Inshore Forecast as part of the MSI broadcast at 4 hourly intervals from all Co-ordination Centres on VHF and selected stations on MF. The forecast is also transmitted on NAVTEX 490 kHz and covers the Inshore Waters out to 12 n miles. These forecasts provide a 12 hour forecast and a 12 hour outlook of the wind, weather, visibility and sea state and a 3 day outlook. See diagram on page 285 for Inshore Forecast Areas.

The MSI broadcast will be announced on VHF Ch 16 and 2182 kHz and a working channel appropriate to the area nominated.

28/02

Page 273, **Aberdeen** (Coastguard MRCC), **Weather Bulletins** table, columns 1 and 2, delete last three lines: **A:** 0820 to and Forth

28/02

Page 278, **Falmouth** (Coastguard MRCC), **Weather Bulletins** table, columns 1 and 2, delete last three lines: **A:** 0950 to and Finisterre

28/02

Page 279, **Humber** (Coastguard MRSC), **Weather Bulletins** table, columns 1 and 2, delete last three lines: **A:** 0910 to and Thames

28/02

Page 280, **Shetland** (Coastguard MRSC), **Weather Bulletins** table, columns 1 and 2, delete last two lines: **A:** 1910 to and Forties

28/02

Page 287, diagram **United Kingdom - HM Coastguard, MSI BROADCASTS** delete **3 Day Winter Fishing Fleet Forecast** table

Maritime and Coastguard Agency (HH080/079/03 - E20) 28/02

VOLUME 5, 2002/03 (NP 285)

Published Wk 23-24/02

(Last Amendments: Weekly Edition No. 27 dated 4 July 2002)

Page 284, **Chapter 17: DISTRESS, SEARCH AND RESCUE, ASCENSION ISLAND (UK)**, **contacts** table, row 1, ARCC KINLOSS, **Telephone** column, delete (0)1343 836 022 and replace by:

(0)1309 678301

Maritime and Coastguard Agency (HH080/082/03 - E16) 28/02

Page 307, **IRELAND, REPUBLIC OF, National SAR Agency**, delete line 5, **Telex:** 93039 IMES EI

MRCC DUBLIN (HH080/082/03 - E15) 28/02

Contacts table, **Others** column, delete and replace by:

Others
AFTN EIDWIMES E-mail mrccdublin@marine.gov.ie
E-mail mrscmalinhead@irishcoastguard.ie
E-mail mrscvalentia@irishcoastguard.ie

MRCC DUBLIN (HH080/082/03 - E15) 28/02

Page 336, **TAIWAN**, delete rows 2 and 3, HUALIEN (XSY) and KAOHSIUNG (XSW)

Chuchwa Telecom Co (HH080/019/09 - E32) 28/02

VI

Page 340, **UNITED KINGDOM**, *contacts table*, **Aeronautical SAR**, ARCC KINLOSS, **Telephone** *column*, *delete* (0)1343 836 022 *and replace by:*
(0)1309 678301

Maritime and Coastguard Agency (HH080/082/03 - E16) 28/02

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