



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 18

3 May 2001

CONTENTS

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

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

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

Notices to Mariners Website

Urgent navigational information:

Other navigational information:

General enquiries:

General Website

Other matters:

Web: www.nms.ukho.gov.uk

Fax: +44(0)1823 322352 **Telex:** 46464

Phone: +44(0)1823 723315

e-mail: rnwuser@ukhornw.u-net.com

e-mail: hdcfiles@ukho.gov.uk

e-mail: generalenquiries@ukho.gov.uk

Web: www.ukho.gov.uk

Fax: +44(0)1823 284077 **Telex:** 46274

I

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

The Weekly Notices to Mariners (NM) updates for paper Charts and Publications can now be accessed on the United Kingdom Hydrographic Office (UKHO) Website. The latest NM Weekly 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, which will open the NM Home Page.
- *From the NM Home Page, click on the legend **Notices to Mariners**, which will open the Catalogue of Weekly NMs dating from the latest issue back to Week 1/2000.
- Click on the week you wish to view, and a series of digital NM files will be displayed.
- Open the NM file of your choice and read/print the information as required

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

www.nms.ukho.gov.uk.

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.

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_REF.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. Links are included between the front page index 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 contains Section II chart correction Notices set out one to a page. Links are included between the Index page and individual Notices.

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49–RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

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

NP234–CUMLIST is the latest Cumulative List (NP234) available, giving historical index of paper chart NM corrections, referenced by Admiralty chart number. At present, there are no links to actual Notices to Mariners.

(To view this file, open Week 46/2000 from the Catalogue Page).

NP246D–OCT–2000 contains the quarterly Small Craft Notices to Mariners (SCNMs), referenced under the relevant Navigational Publication (NP) number (Example NP246/00D), The full colour NM blocks and notes are available as separate files. SCNMs can be accessed from the NM Home Page by clicking on the legend: **Small Craft Notices to Mariners**
(Small Craft NM files are available from NP246/00D)

GUIDANCE NOTES.PDF contains the user notes as reproduced here.

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

- The minimum specification is a 486 PC with Windows 3.1 and 4MB of RAM.
- When printing data from the files, ensure the 'Fit to Page' icon in the Adobe Acrobat print menu is "*switched off*" *before printing*. Otherwise large text pages will be compressed, or large size Blocks may not fit the chart.
- If printing text or monochrome NM Blocks, the minimum specification is an Ink-jet or good quality Laser *Postscript* printer with at least 6 MB of memory. (NB. If using a *Postscript* printer, ensure the *Postscript printer driver* is installed).
- For printing Colour NM Blocks the minimum specification of printer is a good quality Ink Jet/Laser printer with 300 dpi resolution or greater.
- If using certain types of Ink Jet printer ensure the setting is set to 'Dithered screening' not 'Pattern screening'.
- Printed colour copies should be compared with the colour image 'on screen' to ensure that all the colours have reproduced correctly. Printer property resolution and ink density may need to be increased or adjusted to obtain the best results.
- Ensure the Colour Ink Cartridge is in accordance with the printer manufacturer's specifications.
- Minimum paper specification for printing Colour NM Blocks is International paper size A4, thickness/weight 80 gsm paper. (The same paper as used for NM Blocks in the NM Weekly).

NB. (Ensure the paper quality is in accordance with the Printer manufacturer's specifications).

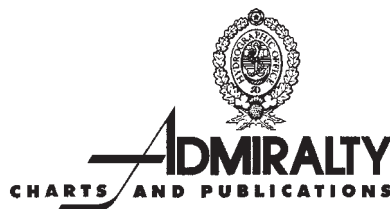
Help-Line

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

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

Fax: +44 (0) 1823 331945

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

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

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

© British Crown Copyright. All rights reserved.

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

I

EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

I

EXPLANATORY NOTES

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

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

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

GEOGRAPHICAL INDEX

(1)	Admiralty Publications and Miscellaneous	2.1- 2.8
(2)	British Isles	2.8 - 2.9
(3)	North Russia, Norway, The Faeroe Islands and Iceland	2.9
(4)	Baltic Sea	2.9 - 2.10
(5)	North Sea and North and West Coasts of Denmark, Germany, Netherlands and Belgium	2.10 - 2.11
(6)	France and Spain, North and West Coasts, and Portugal	2.11
(7)	North Atlantic Ocean	
(8)	Mediterranean and Black Seas	2.11 - 2.12
(9)	Africa, West Coast and South Atlantic	2.13
(10)	Africa, South and East Coasts, and Madagascar	
(11)	Red Sea, Arabia, Iraq and Iran	2.13
(12)	Indian Ocean, Pakistan, India, Sri Lanka, Bangladesh and Burma	2.13 - 2.14
(13)	Malacca Strait, Singapore Strait and Sumatera	2.14 - 2.15
(14)	China Sea with its West Shore and China	2.15 - 2.16
(15)	Japan	2.16 - 2.17
(16)	Korea and the Pacific Coasts of Russia	2.17
(17)	Philippine Islands, Borneo and Indonesia except Sumatera	2.17
(18)	Australia and Papua New Guinea	2.17 - 2.19
(19)	New Zealand	
(20)	Pacific Ocean	
(21)	Aleutian Islands, Alaska and West Coast of North America including Mexico	2.19
(22)	West Coasts of Central and South America	
(23)	Antarctica	
(24)	East Coast of South America and the Falkland Islands	2.19
(25)	Caribbean Sea, West Indies and the Gulf of Mexico	2.19 - 2.20
(26)	East Coast of North America and Greenland	2.20 - 2.21
(27)	T & P Notices	2.22 - 2.25

I

INDEX OF NOTICES AND CHART FOLIOS

Notice No.	Page	Admiralty Chart Folio	Notice No.	Page	Admiralty Chart Folio
PL	2.1	7, 10, 11, 17, 24, 26, 32, 47, 50, 53, 64, 71, 81, 95, 96	1847*	2.15	45, 46
1801	2.11	24	1848*	2.15	46
1802	2.16	50	1849	2.15	47
1803	2.16	54	1850	2.16	47
1804	2.17	52	1851	2.16	55
1805*	2.8	7	1852	2.16	55
1806*	2.8	7	1853	2.16	55
1807*	2.8	6	1854	2.17	55, 56
1808*	2.8	5	1855	2.17	52
1809*	2.8	3	1856*	2.17	58
1810*	2.9	2	1857	2.17	65
1811*	2.9	1, 2	1858	2.17	66
1812	2.9	10	1859	2.18	66
1813	2.9	10	1860	2.18	66
1814	2.9	10	1861	2.18	66
1815	2.9	10	1862	2.18	66
1816	2.10	10	1863	2.17	63
1817	2.10	10	1864	2.18	65
1818	2.10	10	1865	2.18	65
1819*	2.10	6, 7, 13	1866	2.19	55
1820*	2.10	6	1867	2.19	92
1821*	2.10	6	1868	2.19	96, 97
1822*	2.11	7	1869	2.19	95
1823	2.11	9	1870	2.19	95
1824	2.11	16	1871	2.19	85
1825	2.11	17	1872	2.19	83
1826	2.11	18	1873	2.20	83
1827	2.11	18	1874	2.20	81
1828	2.12	24	1875	2.20	81
1829	2.12	25	1876	2.20	81
1830	2.12	25	1877	2.20	80
1831	2.12	29	1878	2.20	79
1832	2.12	24	1879	2.20	79
1833	2.12	24	1880	2.20	14, 78, 79
1834	2.13	18	1881	2.21	78, 89
1835	2.13	20	1882(P)/01	2.22	—
1836	2.13	35	1883(T)/01	2.23	—
1837	2.13	35	1884(P)/01	2.23	13
1838*	2.13	40	1885(P)/01	2.23	17
1839	2.13	41	1886(T)/01	2.24	45
1840	2.14	43	1887(T)/01	2.24	53
1841	2.14	45	1888(T)/01	2.24	65, 66
1842	2.14	45	1889(T)/01	2.24	66
1843	2.14	45	1890(T)/01	2.25	66
1844	2.14	45	1891(T)/01	2.25	66
1845	2.14	45	1892(T)/01	2.25	85
1846	2.15	45	1893	2.26	—
			1894	2.8	24, 26, 27, 53

INDEX OF CHARTS AFFECTED

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

Admiralty Chart No.	Notices	Admiralty Chart No.	Notices
8	PL	1578	1887T
34	1811	1626	1806
35	1807	1627	PL
63	PL	1692	1868
89	1827	1704	1829
121	1805	1758	1826
138	PL	1801	1854
141	PL	1807	1854
142	1834	1808	1854
157	PL	1817	1853
158	PL	1912	1834
159	PL	1917	PL
172	1894	1941	PL
187	1894	1962	1802
205	PL	2013	1809
224	1831	2063	1840
232B	1880	2069	1840
243	PL	2082	1836
272	1822	2106	1817
273	1822	2108	1812
282	1881	2117	1817, 1818
284	1881	2123	1894
291	1821	2124	1894
292	1820	2150	1816
294	1819	2162	1807
305	1880	2182C	1819, 1820, 1821
310	1879	2209	1808
321	PL	2277	PL
322	PL	2286	1831
341	PL	2293	1854
522	1892T	2357	1825
553	1870	2360	1816
554	1868	2377	1815
566	1870	2508	PL
574	1840	2516	1880
641	1837	2540	1808
774	1828	2541	1808
779	1881	2556	1845
781	1844	2560	PL
784	1843	2561	PL
785	1842	2565	1811
860	1835	2568	1807
861	1835	2569	1846, 1847
875	1812	2570	1842, 1886T
883	1811	2574	1801
913	1855	2581	1807
937	PL	2585	1846
951	1894	2586	1846
952	PL	2604	1876
953	PL	2605	1876
992	1894	2621	1839
993	1849	2624	1839
994	1894	2627	1839
1018	1894	2649	1811
1065	1804	2655	1811
1123	1811	2666	1880
1134	1878	2673	1819
1148	1811	2675	1811
1155	1885P	2681	1801
1176	1810	2700	1824
1182	1810	2777	1841
1232	1836	2805	1874
1236	1836	2834	1830
1301	1851	2835	PL
1326	1852	2850	1875
1340	1853	2874	1803
1346	1809	2882	1838
1347	1852	2957	PL
1353	1841	2958	PL
1454	1867	2960	PL
1555	1802	2988	1871

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

1.8

II

[18/01]

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 3 May 2001

Chart	Title and other remarks	Scale	Folio	Catalogue page	RRP(UK)*
⊙243	Mediterranean Sea, Egypt, Approaches to El Iskandarîya, (Alexandria). <i>This partial new edition is limited to include changes to regulated areas in the approaches to El Iskandarîya and the Sidi Kerir Oil Terminal.</i> <i>Note:</i> On publication of this New Edition Former Notices 4636(P)/98 and 4037(P)/00 are cancelled.	1:37,500	24	42	£16·00
⊙341	South China Sea, Macau to Hong Kong. <i>This partial new edition is limited to include changes to shoals, wrecks, obstructions and submarine cables in the eastern and southern approaches to Hong Kong.</i> <i>Note:</i> This chart is to be deleted from the list of charts affected by Former Notice 2531(P)/00. This chart remains affected by Former Notices 4495(T)/99, 5039(P)/00 and 1212(P)/01.	1:75,000	47	74	£16·00
⊙937 INT 5508	International Chart Series, South China Sea, Eastern Approaches to Hong Kong. <i>This partial new edition is limited to include changes to shoals, wrecks, obstructions and submarine cables in the eastern and southern approaches to Hong Kong.</i> <i>Note:</i> This chart is to be deleted from the list of charts affected by Former Notice 2531(P)/00. This chart remains affected by Former Notices 5039(P)/00 and 217(T)/01.	1:75,000	50	74	£16·00
952	Japan, Honshū - South Coast, Miki Saki to Omae Saki including Ise Wan. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84.</i>	1:200,000	53	80, 82	£16·00
953	Japan, Honshū - South Coast, Omae Saki to Tōkyō Wan. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84.</i>	1:200,000	53	80	£16·00
⊙1917 INT 5511	International Chart Series, China - Hong Kong, South Eastern Approaches to Hong Kong. <i>This partial new edition is limited to include changes to depths, wrecks, obstructions and submarine cables. A marine reserve has been added.</i> <i>Note:</i> This chart is to be deleted from the list of charts affected by Former Notice 2531(P)/00.	1:25,000	47	74	£16·00

*RRP(UK) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 3 May 2001 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	RRP(UK)*
⊙1941	Italy, Capo Passero to Capo Colonne. <i>This partial new edition is limited to include amendments to submarine cable and submarine pipeline areas in the Stretto di Messina. More comprehensive horizontal datum information is also included.</i>	1:300,000	26	40	£16·00
2957	Japan, Honshū - South Coast, Ise Wan. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84.</i> <i>Note: On publication of this New Edition Former Notice 437(T)/01 is cancelled.</i>	1:100,000	53	82	£16·00
2958	Japan, Honshū - South Coast, Shimizu Kō. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84.</i>	1:20,000	53	80	£16·00
2960	Japan, Honshū - South Coast, Approaches to Nagoya and Yokkaichi. Ⓐ Yokkaichi. Ⓑ Nagoya. <i>Includes changes to depths, dredged areas, fairways, buoyage and port developments. The horizontal datum has also been transferred to WGS 84 datum.</i> <i>Note: On publication of this New Edition Former Notice 1694(P)/00 is cancelled.</i>	1:30,000 1:20,000 1:20,000	53	82	£16·00
⊙3456	United States - East Coast, New York, New Jersey, New York, Upper Bay, The Narrows to Governors Island. Gowanus Bay. <i>Includes amendments to depths throughout.</i>	1:10,000 1:10,000	81	126	£16·00
3649	Japan, Honshū - South Coast, Ports in Mikawa Wan. Chita Wan, Kinuura. Continuation of Kinuura. Atsumi Wan, Gamagōri and Toyohashi. <i>This partial new edition is limited to changes to dredged areas, depths, reclamation and a new jetty in the vicinity of Kinuura Kō. The horizontal datum has also been transferred to WGS 84 datum.</i>	1:20,000 1:20,000 1:30,000	53	82	£16·00
3650	Japan, Honshū - South Coast, Irigo Suidō and Mikawa Wan. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 1984.</i>	1:55,000	53	82	£16·00

*RRP(UK) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Publications

NP No.	Title and other remarks	Date	RRP(UK)*	Remarks
NP 50s	Supplement No 11 to Newfoundland and Labrador Pilot, (Tenth Edition 1978).	30/11/00	£5.70	Supplement No 10, 1996 is thereby cancelled.

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 31 MAY 2001

New Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
157 INT 7006	International Chart Series, Red Sea, Masamirit to Bab el Mandeb. 12°30'·0N. — 20°10'·0N., 38°38'·0E. — 44°00'·0E. <i>One of a series of three new metric charts covering the Red Sea, including recent unpublished information. This new chart series cancels the remaining Admiralty Fathoms charts in the Red Sea and rationalises larger scale coverage in the area.</i>	1:750,000	138, 141, 321, 322
158 INT 7008	International Chart Series, Red Sea, Berenice to Masamirit. 17°10'·0N. — 24°32'·0N., 35°20'·0E. — 40°40'·0E. <i>One of a series of three new metric charts covering the Red Sea, including recent unpublished information. This new chart series cancels the remaining Admiralty Fathoms charts in the Red Sea and rationalises larger scale coverage in the area.</i>	1:750,000	63, 138, 141, 205, 321, 322, 3049
159 INT 7010	International Chart Series, Red Sea, Suez (El Suweis) to Berenice. 23°00'·0N. — 30°00'·0N., 32°15'·0E. — 37°37'·0E. <i>One of a series of three new metric charts covering the Red Sea, including recent unpublished information.</i>	1:750,000	8, 63
2835	France - West Coast, Approaches to the Iles de Houat and de Hoëdic. 47°17'·90N. — 47°26'·20N., 2°47'·05W. — 3°04'·80W. <i>Additional to existing chart cover; provides improved coverage of the Iles de Houat and de Hoëdic. (This new chart is a modified reproduction of French chart 7143).</i>	1:20,000	-

*RRP(UK) means UK recommended retail price.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 31 MAY 2001

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
1627 INT 1551	International Chart Series, Harbours on the East Coast of England. Ⓐ Sunderland. Ⓑ Warkworth Harbour. Ⓒ Continuation of River Wear. Ⓓ Seaham.	 1:10,000 1:15,000 1:10,000 1:12,500	1627 INT 1551
	<i>Includes the latest British Government surveys. The horizontal datum of this new edition has been transferred to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>		
2277	Baltic Sea, Latvia, Ventspils and Approaches. <i>Includes amendments to depths and swept areas, particularly in the entrance channels and harbour areas.</i>	1:25,000	2277
2508	South Atlantic Ocean, Falkland Islands, Port Fitzroy to Eagle Passage. <i>Includes the latest British Government surveys of Low Bay and Approaches.</i>	1:150,000	2508
2560	South Atlantic Ocean, Falkland Islands, Lively Sound to Eagle Passage. Ⓐ Bull Roads. Ⓑ Bleaker Jump.	1:75,000 1:37,500 1:25,000	2560
	<i>Includes the latest British Government surveys of Low Bay and Approaches.</i>		
2561	South Atlantic Ocean, Falkland Islands, Choiseul Sound and Adventure Sound. <i>Includes the latest British Government surveys of Low Bay and Approaches.</i>	1:75,000	2561
3439	Finland - South West Coast, Saaristomeri - North Eastern Part, Outer Approaches to Turku. <i>This partial new edition is limited to include a new submarine cable, pipelines, minor depth amendments and changes to restricted area limits.</i>	1:60,000	3439

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 31 MAY 2001

Reproductions of Australian Government Charts

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
Aus 114	Australia - West Coast, Western Australia, Kwinana. Kwinana Grain Jetty.	1:12,500 1:12,500	Aus 114
<i>Includes general updating throughout, including new port authority surveys.</i>			

Reproductions of New Zealand Government Charts

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>Charts to be WITHDRAWN</i>
NZ 46	New Zealand, Cook Strait.	1:200,000	NZ 46
<i>Includes the latest information and change of horizontal datum to WGS 84 datum.</i>			

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>
243	Mediterranean Sea, Egypt, Approaches to El Iskandarîya, (Alexandria).	⊙243
341	South China Sea, Macau to Hong Kong.	⊙341
937 INT 5508	International Chart Series, South China Sea, Eastern Approaches to Hong Kong.	⊙937 INT 5508
952	Japan, Honshū - South Coast, Miki Saki to Omae Saki including Ise Wan.	952
953	Japan, Honshū - South Coast, Omae Saki to Tōkyō Wan.	953
1917 INT 5511	International Chart Series, China - Hong Kong, South Eastern Approaches to Hong Kong.	⊙1917 INT 5511
1941	Italy, Capo Passero to Capo Colonne.	⊙1941
2957	Japan, Honshū - South Coast, Ise Wan.	2957
2958	Japan, Honshū - South Coast, Shimizu Kō.	2958
2960	Japan, Honshū - South Coast, Approaches to Nagoya and Yokkaichi.	2960
3456	United States - East Coast, New York, Upper Bay, The Narrows to Governors Island.	⊙3456
3649	Japan, Honshū - South Coast, Ports in Mikawa Wan.	3649
3650	Japan, Honshū - South Coast, Irigo Suidō and Mikawa Wan.	3650

⊙ denotes chart available in the ARCS series.

II

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

The following charts will be transferred to a WGS 84 compatible datum in May 2001 on the publication dates indicated. These charts will be included in the ARCS series.

17 May: Liverpool and Approaches, Manchester Ship Canal – 1951, 1981, 3478, 3490;
Sussex coast – 536, 1652, 2044, 2154.

24 May: Cornwall – 18, 31, 32, 147, 148, 154, 442, 1267, 1613.

31 May: Sunderland, Seaham, Warkworth - 1627.

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE PROVISIONALLY SCHEDULED TO BE TRANSFERRED TO A WGS 84 COMPATIBLE DATUM BETWEEN JUNE AND AUGUST 2001

The following charts are provisionally scheduled to be transferred to a WGS 84 compatible datum between June and August 2001. It should be noted that actual publication dates are subject to priorities within the UKHO and could be later than those indicated.

June 2001: Isles of Scilly and West Cornwall – 34, 777, 883, 1148, 1149, 1168, 2345, 2565;
Shetland – 3294.

July 2001: Peterhead, Stonehaven, Montrose, Arbroath – 1438.

August 2001: Tees Bay to Flamborough Head – 129, 134, 1612, 1882, 2567.

This list will be up-dated in Weekly 22, 31 May 2001.

UK Hydrographic Office (HA 405/006/006/02).

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM

The following is the current list of Admiralty Charts of Great Britain that are referred to a WGS 84 compatible datum. Former Notice 4731(P)/00 refers.

⊙26	⊙1320	⊙1698	⊙2022	⊙2454	⊙2841
⊙28	⊙1344	⊙1827	⊙2035	⊙2482	⊙2878
⊙30	⊙1346	⊙1828	⊙2036	⊙2484	⊙3164
⊙105	⊙1411	⊙1834	⊙2037	⊙2566	⊙3271
⊙106	⊙1446	⊙1835	⊙2041	⊙2571	⊙3272
⊙108	⊙1481	⊙1859	⊙2045	⊙2572	⊙3273
⊙323	⊙1491	⊙1892	⊙2052	⊙2610	⊙3274
⊙871	⊙1503	⊙1900	⊙2093	⊙2611	⊙3275
⊙1121	⊙1504	⊙1901	⊙2094	⊙2615	⊙3284
⊙1152	⊙1536	⊙1902	⊙2151	⊙2625	⊙3297
⊙1160	⊙1543	⊙1967	⊙2172	⊙2628	⊙3298
⊙1166	⊙1552	⊙1991	⊙2175	⊙2629	⊙3315
⊙1176	⊙1594	⊙1975	⊙2253	⊙2631	⊙3319
⊙1178	⊙1606	⊙1994	⊙2255	⊙2642	⊙3337
⊙1182	⊙1607	⊙2000	⊙2268	⊙2656	⊙3418
⊙1183	⊙1609	⊙2007	⊙2290	⊙2693	⊙3683
⊙1185	⊙1610	⊙2010	⊙2449	⊙2695	⊙3741
⊙1186	⊙1626	⊙2013	⊙2450	⊙2696	⊙3746
⊙1200	⊙1634	⊙2021	⊙2451	⊙2793	⊙3750

⊙ denotes chart available in the ARCS series.

II

Erratum to Notice to Mariners Week 15/01.

Section I - INDEX OF CHARTS AFFECTED.

<u>Admiralty Chart No.</u>	<u>Notices</u>
Insert 566	1611
Amend to read 556	1610

II

1894 MISCELLANEOUS UPDATES TO CHARTS

<i>Chart</i>	<i>Last Correction</i>	<i>Details</i>
172	1574/01	Insert accompanying note, CHART 1941: POSITIONS, in position 38° 40'·5N., 14° 11'·0E.
187	3728/00	Insert accompanying note, CHART 1941: POSITIONS, in position 40° 29'·5N., 16° 45'·5E. Amend reference in W. border at latitude 38° 15'N to read, <i>Adjoining Chart 1941 (see Note–POSITIONS)</i> .
951	1493/01	Insert accompanying note, CAUTION: CHARTS REFERRED TO WGS 84 DATUM, outside N. border, adjacent to the legend, DEPTHS IN METRES.
992	490/01	Insert accompanying note, CHART 1941: POSITIONS, within title panel, left of note, SATELLITE–DERIVED POSITIONS.
994	1173/01	Insert accompanying note, CAUTION: CHARTS REFERRED TO WGS 84 DATUM, outside N. border, adjacent to the legend, DEPTHS IN METRES.
1018	New Edition 1/2/01	Insert accompanying note, CHART 1941: POSITIONS, in position 38° 01'·3N., 15° 54'·8E.
2123	1253/01	Insert accompanying note, CHART 1941: POSITIONS, in position 37° 17'·5N., 14° 48'·0E. Amend reference in E. border at latitude 36° 50'N to read, <i>Adjoining Chart 1941 (see Note–POSITIONS)</i> .
2124	923/01	Insert accompanying note, CHART 1941: POSITIONS, in position 36° 18'·0N., 12° 41'·5E. Amend reference in N. border at longitude 15° 35'E to read, <i>Adjoining Chart 1941 (see Note–POSITIONS)</i> .

UK Hydrographic Office.

1805* ENGLAND, East Coast — Flamborough Head Southwards — Mappleton Eastwards — Depth

Certain copies only

Insert depth 82 m enclosed by 10m contour 53° 52'·37N., 0° 03'·09W.

Chart [*Last correction*].— **121** [1224/01]

UK Hydrographic Office (HH.242/590/05).

1806* ENGLAND, East Coast — Blyth — River Blyth — West Coaling Staithes — Light

Amend light to, *Fl.R.3s* 55° 08'·33N., 1° 31'·21W.

Note: **Positions** on the chart affected by this notice are referred to a **WGS 84** compatible datum. See ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of Section II) and NM 4731(P)/00.

Chart [*Last correction*].— **1626** [*New Edition 15/3/01*]

Light List Vol. A, 2001/02, 2776
Port of Blyth (HH.242/630/05).

1807* SCOTLAND — Orkney Islands — Flotta Westwards — Wreck

Insert ☉ *Wk*, least depth 9m 58° 49'·574N., 3° 09'·145W.

Chart [*Last correction*].— **2568** (**plan**, **Lyness and Flotta Marine Oil Terminal**) [1079/00] — **2581** (INT 1532) [649/99] — **35** [1869/00] — **2162** [2647/99]

K. Heath (HH.268/440/05).

1808* SCOTLAND, West Coast — Loch Alsh — Glas Eilean Northwards — Buoy

Insert starboard–hand conical light–buoy, *Fl(3)G.6s* 57° 16'·26N., 5° 34'·63W.

Chart [*Last correction*].— **2540** [1639/01] — **2541** (**plan A**, **Loch Duich**) [1639/01] — **2209** [1639/01]

Northern Lighthouse Board Notice 10/01 (HH.272/610/06).

1809* ENGLAND, West Coast — Whitehaven Harbour — Landmark

Delete chimney, CHIMNEY (58), (chart 2013, main sheet, chimney (58)), (chart 1346, ☉) 54° 32'·93N., 3° 35'·84W.

Note: **Positions** on all of the charts affected by this notice are referred to a **WGS 84** compatible datum. See ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of Section II) and NM 4731(P)/00.

Chart [*Last correction*].— **2013** (**plan E**, **Whitehaven Harbour**) & **2013** [1540/01] — **1346** [1540/01]

HMS Alderney (HH.206/410/05).

II

1810* WALES, South Coast — Cardiff Docks and Approaches — Legend

Insert legend, *Cardiff Approach Light* (see NM 1796(P)/01) (a) 51° 26'·00N., 3° 09'·45W.
(b) 51° 24'·35N., 3° 08'·75W.
(c) 51° 24'·80N., 3° 08'·90W.

Note: **Positions** on both of these charts affected by this notice are referred to a **WGS 84** compatible datum. See ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of Section II) and NM 4731(P)/00.

Chart [Last correction].— **1182** (INT 1653) (**plan B, Cardiff Docks**) (a) & **1182** (INT 1653) (b) [1439/01] — **1176** (INT 1654) (c) [1439/01]

Light List Vol. A, 2001/02, 5441

Associated British Ports, Cardiff and Barry (HH.218/400/13).

1811* ENGLAND, West Coast — Isles of Scilly — Round Island — Radar beacon

Insert radar beacon, *Racon (M)*, at light (a) 49° 58'·70N., 6° 19'·33W.
radar beacon, *Racon (M)* (3&10cm), at light (b) (a) above

Note: The above update has been included in a New Edition of Chart 1178 published 12 April 2001.

Chart [Last correction].— **883** (a) [3175/00] — **34** (b) [1527/01] — **1148** (b) [1527/01] — **2565** (INT 1700) (b) [1527/01] — **2655** (b) [1756/01] — **1123** (a) [4428/00] — **2649** (INT 1063) (a) [455/01] — **2675** (INT 1070) (b) [1564/01]

Light List Vol. A, 2001/02, 0018

Admiralty List of Radio Signals Vol. 2, 2001: 50270 (8/01)

Trinity House Notice 2/01 (HH.230/400/04).

1812 SWEDEN, West Coast — The Kattegat — Approaches to Halmstad — Tylögrund — Light

Amend light to, *LFl(3)WRG.30s22m9–6M & Fl.3s10m3M* 56° 38'·2N., 12° 42'·2E.

Chart [Last correction].— **875** [4128/00] — **2108** (INT 1302) [1350/01]

Light List Vol. C/00, 0735

Swedish Notice 12/240/01 (HH.317/590/02).

1813 BALTIC SEA — Sweden, South–East Coast — Approaches to Ronneby — Gökalv — Lights; Leading line; Beacon

Insert ★ *Fl(2)R.4s6m2M* 56° 08'·29N., 15° 17'·08E.
★ *Fl.R.2s10m2M* (a) 56° 08'·42N., 15° 17'·07E.
leading line, pecked line for 700m, then firm line for 2400m (b) extending in direction 178·5°
from (a) above
legend, *Ldg Lts 358·5°* seaward end of (b) above
Delete beacon close W. of (a) above

Chart [Last correction].— **3435** (**plan, Ronneby and Approaches**) [1549/01]

Light List Vol. C/00, 7489, 7489.1

Swedish Notice 10/207/01 (HH.315/470/04).

1814 BALTIC SEA — Sweden, South–East Coast — Karlskrona — Submarine pipeline

Insert submarine pipeline, joining: 56° 09'·46N., 15° 35'·84E.(shore)
56° 09'·46N., 15° 36'·00E.
56° 09'·41N., 15° 36'·20E.
56° 09'·45N., 15° 36'·46E.
56° 09'·67N., 15° 36'·56E.
56° 09'·79N., 15° 36'·77E.
56° 09'·97N., 15° 36'·89E.
56° 10'·30N., 15° 36'·67E.

Chart [Last correction].— **3435** (**plan, Karlskrona**) [1813/01]

Swedish Notice 11/220/01 (HH.315/470/04).

1815 BALTIC SEA — Poland — Southern Approaches to Gdynia — Falochron Wschodni Eastwards — Maritime limit; Depths

Insert black maritime limit, pecked line, joining: 54° 31'·12N., 18° 33'·86E.
(breakwater)
54° 31'·12N., 18° 33'·99E.
54° 31'·92N., 18° 33'·96E.
54° 32'·14N., 18° 34'·04E.
54° 32'·19N., 18° 33'·94E.
(breakwater)
legend, *Numerous concrete boulders,*
orientated 000°/180°, centred on: 54° 31'·60N., 18° 33'·91E.
depth 8₃ m with seabed character, R 54° 31'·74N., 18° 33'·99E.
depth 7m with seabed character, R 54° 31'·49N., 18° 33'·99E.
depth 8₄ m with seabed character, R 54° 31'·24N., 18° 33'·94E.

Chart [Last correction].— **2377** (**plan B, Gdynia**) [697/01]

Polish Notice 9/207/01 (HH.323/470/03).

II

1816 BALTIC SEA — Denmark — Bornholm — Pilot boarding place

Move	⬆ from:	(a)	55° 05′.0N., 15° 15′.2E.
	to:	(b)	55° 05′.0N., 15° 12′.2E.
		(c)	55° 05′.0N., 15° 12′.0E.

Chart [*Last correction*].— **2150** (a,c) [1347/01] — **2360** (a,b) [1136/01]
Admiralty List of Radio Signals Vol. 6 (2): 2000/01 (16/01)
Danish Chart Correction 11/127/01 (HH.333/730/04).

1817 **BALTIC SEA — Germany, North Coast — Approaches to Wismar Bucht — Hannibal Northeastwards —**
Depth

Insert depth 48 m enclosed by 5m contour with seabed character, R,
(chart 2106, extend 5m contour NE. to enclose position only) 54° 03' 00N., 11° 23' 90E.

Chart [*Last correction*].— **2117** [1231/01] — **2106** (INT 1303) [1556/01]
German Chart 36 (HH.327/480/05).

1818 BALTIC SEA — Denmark — Lolland, South Coast — Nysted Southwards — Buoy

Delete S. cardinal pillar buoy 54° 32'·3N., 11° 44'·6E.

Chart [*Last correction*].— **2117** [1817/01]
Danish Notice 12/377/01 (HH.330/003/10).

1819* NORTH SEA — U.K. Sector — Bergen Bank Northwestwards — Frigg Gas Field Northwestwards — Well

Insert ○ Well, least depth 104m, (chart 2182C, ○ Well) 60° 08'·23N., 1° 42'·83E.

Chart [*Last correction*].— **294** [3818/00] — **2673** [1125/01] — **2182C** (INT 1041) [1225/01]
BP Amoco (HH.254/401/05).

1820* NORTH SEA — U.K. Sector and Norwegian Sector — Heimdal Gas Field to Linnhe Oil Field — Submarine pipeline; Obstruction

Insert	submarine pipeline joining:	(a)	59° 34'·45N., 2° 13'·70E. (□ lighted)
		(b)	59° 35'·50N., 2° 12'·40E.
		(c)	59° 35'·84N., 2° 11'·51E.
		(d)	59° 36'·95N., 2° 06'·67E.
		(e)	59° 39'·76N., 1° 53'·67E.
		(f)	59° 39'·97N., 1° 51'·60E.
		(g)	59° 39'·97N., 1° 42'·17E.
		(h)	59° 39'·76N., 1° 40'·73E.
		(i)	59° 39'·27N., 1° 39'·24E.
		(j)	59° 39'·35N., 1° 35'·90E.
		(k)	59° 39'·20N., 1° 37'·30E. (existing pipeline)
		(l)	59° 38'·60N., 1° 19'·10E. (existing pipeline)
	legend, <i>Gas</i> (see Note)	(m)	along (c)–(d) above
		(n)	along (j)–(l) above
	legend, <i>Gas</i>	(o)	along (c)–(f) above
	○ <i>Obstn</i> , least depth 117m	(p)	59° 39'·32N., 1° 37'·05E.
Substitute	the accompanying note, PIPELINES, for existing note, centred on:	(q)	59° 41'·80N., 3° 09'·50E.

Note: The above update will be included in New Editions of Charts 2 & 4140 to be published 10 May 2001.

Chart [*Last correction*].— **292** (*a-j,l-n,p-q*) [4772/00] — **2182C** (INT 1041) (*a,c,f,g,k,o*) [1819/01]
TotalFinaElf Exploration UK (HH.160/416/01).

1821* NORTH SEA — U.K. Sector — Piper Oil Field Northeastwards — Well

Insert ○ Well, least depth 134m, (chart 2182C, ○ Well) 58° 30'·11N., 0° 22'·15E.

Chart [*Last correction*].— **291** [799/01] — **2182C** (INT 1041) [1820/01]
Talisman Energy Ltd (HH.254/468/05).

II

1822* NORTH SEA — U.K. Sector — Curlew Oil Field — Maritime limit; Submarine pipeline

Insert	circular magenta maritime limit, radius 1342m (0·72M), pecked line, centred on: submarine pipeline, joining:	(a) 56° 44′·09N., 1° 17′·81E. (↔) (b) 56° 44′·19N., 1° 31′·78E. (c) 56° 44′·27N., 1° 41′·62E. (d) 56° 46′·60N., 5° 07′·20E. (e) 56° 56′·00N., 5° 07′·50E.
Delete	legend, <i>Gas (see Note)</i> the accompanying note, PIPELINES, centred on: former circular magenta maritime limit, radius 1114m (0·60M), pecked line, centred on: existing note, PIPELINES, centred on:	(f) (a) above (g) 56° 56′·00N., 5° 07′·50E.

Chart [*Last correction*].— **272** (b–e,g) [702/01] — **273** (a,f) [264/01]
UK Hydrographic Office (HH.254/593/01).

1823 GERMANY, North Sea Coast — Approaches to the Jade — Wangerooger Fahrwasser — Depths

Substitute	depth 18 ₂ m for depth 19 ₃ m depth 14 ₇ m for depth 16 ₈ m depth 17 ₆ m for depth 18 ₆ m	53° 51′·05N., 7° 49′·83E. 53° 50′·70N., 7° 49′·80E. 53° 50′·45N., 7° 51′·80E.
------------	---	---

Chart [*Last correction*].— **3617** (INT 1456) [1464/01]
German Notice 12/(21)2/01 (HH.328/510/04).

1824 FRANCE, North Coast — Approaches to Saint-Malo — Banc de Harbour Northwards — Les Patouillets — Buoy

Substitute	starboard-hand conical light-buoy with topmark, <i>Fl(3)G.12s</i> for starboard-hand conical buoy with topmark	48° 39′·74N., 2° 04′·22W.
------------	---	---------------------------

Chart [*Last correction*].— **2700** (INT 1754) [3562/00]
French Notice 12/21/01 (HH.351/550/03).

1825 FRANCE, West Coast — Baie de Quiberon — Houat Northwards — Passage du Béniguet — Depths

Insert	depth 5m with seabed character, <i>R</i> , enclosed by 5m and 10m contours and extend 15m contour E. to enclose	47° 24′·72N., 3° 00′·10W. 47° 24′·69N., 2° 59′·93W.
Substitute	depth 6 ₈ m for depth 5m	

Chart [*Last correction*].— **2357** [2661/00]
French Notice 11/38/01 (HH.353/480/05).

1826 SPAIN, West Coast — I. del Norte Westwards — Depths

Insert	depth 11 ₄ m depth 31m	(a) 42° 15′·10N., 8° 55′·77W. (b) 42° 14′·94N., 8° 56′·07W.
Delete	depth 12m depth 42m	close WNW. of (a) above close WNW. of (b) above

Chart [*Last correction*].— **1758** [1657/01]
Spanish Chart 416B (HH.359/620/03).

1827 SPAIN, South Coast — I. Cristina Southwards — Light

Delete	★ Fl.G.2s5M	37° 10′·90N., 7° 19′·50W.
--------	-------------	---------------------------

Chart [*Last correction*].— **89** [1251/01]
Light List Vol. D, 2000/01, 2308.5
Spanish Notice 10/167/01 (HH.360/400/03).

1801 MEDITERRANEAN SEA — Egypt — El Iskandariya — Restricted areas

Insert	the accompanying block, showing new restricted areas and amendments to existing restricted area, centred on:	(a) 31° 14′·30N., 29° 50′·60E. (b) 31° 13′·50N., 29° 49′·00E.
Substitute	the accompanying note, RESTRICTED AREA, for note, ENTRY PROHIBITED, centred on:	(c) 31° 08′·20N., 30° 13′·80E. (d) 30° 53′·50N., 31° 21′·50E.

Chart [*Last correction*].— **2681** (a,c) [4157/00] — **2574** (INT 3502) (b,d) [1664/01]
Ports and Lighthouses Administration, Alexandria (HH.405/420/02).

II

1828 MEDITERRANEAN SEA — Spain, South Coast — Punta de la Polacra Southwestwards — Marine farm; Buoy; Depth

Insert symbol, marine farm (a) 36° 49'·84N., 2° 00'·87W.
special spar light-buoy with topmark, 4Fl(4)Y.11s3M 36° 49'·35N., 2° 00'·75W.
Delete depth 14₄ m close N. of (a) above

Chart [Last correction].— 774 [776/01]

Spanish Notice 11/192/01 (HH.361/440/03).

1829 MEDITERRANEAN SEA — Spain, East Coast — Coma-ruga — Light

Insert ★ Fl.G.5s8m5M 41° 10'·7N., 1° 31'·0E.

Note: The above update will be included in a New Edition of Chart 1701 to be published in due course.

Chart [Last correction].— 1704 [New Edition 7/9/00]

Light List Vol. E, 2000/01, 0394

Spanish Hydrographic Office (HH.361/620/03).

1830 MEDITERRANEAN SEA — Spain — Islas Baleares — Isla de Formentera — Isla Sabina — Lights

Insert ★ Fl(4)R.15s5m1M 38° 44'·05N., 1° 25'·20E.
Amend light to, Fl(2)G.6s11m3M 38° 44'·16N., 1° 25'·21E.
Delete ★ Fl(3)R.9s5m4M 38° 44'·05N., 1° 25'·34E.

Chart [Last correction].— 2834 (plan, Channels between Ibiza and Formentera) [4167/99]

Light List Vol. E, 2000/01, 0253, 0253.2

Spanish Notice 12/221/01 (HH.362/400/03).

1831 MEDITERRANEAN SEA — Turkey — Marmara Denizi — Approaches to Pendik — Pendik Burnu — Breakwater; Light

Insert breakwater, double firm line, width 40m, (a) 40° 52'·13N., 29° 14'·39E.
(chart 224, breakwater, single firm line), joining: (b) 40° 52'·20N., 29° 14'·11E.
(c) 40° 52'·40N., 29° 13'·94E.(shore)
★ Fl.G.5M (d) (a) above

Chart [Last correction].— 2286 [617/01] — 224 (a,c,d) [1152/01]

Light List Vol. E, 2000/01, 4916.1

Turkish Notice 8/42/01 (HH.392/420/03).

1832 MEDITERRANEAN SEA — Egypt — Mîna' El Iskandariya — Restricted areas

Insert the following limit along arc of circle as follows: 31° 12'·00N., 29° 51'·80E.
restricted area, pecked line, radius 1·7M, from
between bearings 276° (N. border) — 208° (breakwater) 31° 11'·73N., 29° 50'·83E.
legend, *Entry Prohibited*, centred on: 31° 09'·43N., 29° 50'·97E.(shore)
limit of restricted area, anchoring and fishing prohibited, 31° 12'·14N., 29° 48'·58E.
pecked line, joining: (N. border)
Delete legend, *Entry Prohibited*, centred on: 31° 11'·27N., 29° 50'·07E.
former limit of restricted area, pecked line, joining: 31° 09'·92N., 29° 50'·79E.
(breakwater) 31° 09'·75N., 29° 50'·64E.
31° 12'·14N., 29° 48'·50E.
(N. border)

Chart [Last correction].— 3119 (INT 3554) [1153/01]

Ports and Lighthouses Administration, Alexandria (HH.405/420/02).

1833 MEDITERRANEAN SEA — Egypt — El Iskandariya — Restricted area

Insert limit of restricted area, pecked line, joining: (a) 31° 11'·30N., 29° 49'·98E.
(E. border)
(b) 31° 12'·00N., 29° 49'·80E.
(c) 31° 12'·70N., 29° 49'·98E.
(E. border)
(d) 31° 12'·00N., 29° 49'·60E.
legend, *Entry Prohibited*, centred on:
symbols, anchoring prohibited and fishing prohibited,
centred on: (e) 31° 14'·20N., 29° 49'·00E.
Delete legend, *Entry Prohibited*, centred on: (f) 31° 13'·95N., 29° 48'·70E.
(g) 31° 14'·20N., 29° 49'·00E.

Chart [Last correction].— 3325 (a-f) [4045/00] — 3400 (INT 3504) (e,g) [1154/01]

Ports and Lighthouses Administration, Alexandria (HH.405/420/02).

II

1834 AFRICA, West Coast — Morocco, North Coast — Approaches to Tanger — Baie de Tanger — Buoy

Amend isolated danger pillar light–buoy to, *LFl.10s* 35° 47′.73N., 5° 47′.00W.
(close W. of ☉)

Chart [*Last correction*].— **1912 (plan, Approaches to Tanger)** [1581/01] — **142** [4867/00]

French Notice 11/49/01 (HH.417/420/02).

1835 AFRICA, West Coast — Morocco, West Coast — Rade de Casablanca — Pilot boarding place; Buoy

Insert ① (a) 33° 38′.05N., 7° 34′.60W.
Amend CA 3 light–buoy to, *Fl.G.6s* (b) 33° 37′.89N., 7° 34′.60W.
Substitute starboard–hand pillar light–buoy with topmark,
Fl.G.6s CA 3, for ① (c) 33° 38′.05N., 7° 34′.70W.
Delete former CA 3 light–buoy (d) close SW. of (c) above

Chart [*Last correction*].— **861 (plan B, Rade de Casablanca)** (b) [4461/00] — **860** (a,c,d) [4461/00]

French Notice 12/40/01 (HH.417/440/03).

1836 AFRICA, South–West Coast — South Africa — Saldanha Bay — Ore Loading Jetty — Lights; Signal station

Amend light to, *F.14m12M* & *F.G.13m12M Horn 20s*,
(chart 1232, *F.12M* & *F.G.12M Horn 20s*),
(chart 2082, *F.12M* & *F.G.12M*) (a) 33° 02′.14S., 17° 58′.95E.
Delete legend, SS (Traffic) adjacent to (a) above

Chart [*Last correction*].— **4142** (INT 2672) [*New Chart* 29/3/01] — **1236** [1426/01] — **1232** (a) [4161/00] — **2082** (a) [1478/01]

Light List Vol. D, 2000/01, 5846, 5847.1

South African Notice 3/49/01 (HH.450/410/02).

1837 AFRICA, South–East Coast — South Africa — Approaches to Port Elizabeth — Marine farm

Insert limit of marine farm, pecked line, joining: (a) 33° 56′.43S., 25° 36′.99E.
(b) 33° 56′.42S., 25° 37′.81E.
(c) 33° 56′.550S., 25° 37′.811E.
(N. border)
(d) 33° 56′.697S., 25° 37′.815E.
(e) 33° 57′.194S., 25° 38′.192E.
(f) 33° 57′.282S., 25° 37′.598E.
(g) 33° 56′.996S., 25° 36′.970E.
(h) 33° 56′.550S., 25° 36′.985E.
(N. border)
(i) within (c)–(h)/(a)–(g) above
symbol, marine farm

Chart [*Last correction*].— **641 (plan, Port Elizabeth)** (c–i) & **641** (a,b,d–g,i) [622/01]

South African Notice 3/55/01 (HH.450/460/02).

1838* ARABIA — Saudi Arabia — Al Jubayl — Open Sea Tanker Terminal Eastwards and Jazirat al Jurayd Westwards — Buoyage

Amend port–hand can light–buoy to, *Fl(3)R.9s*, (chart 2882, *Fl(3)R*) (a) 27° 11′.05N., 49° 53′.50E.
starboard–hand conical light–buoy to, *Fl(3)G.9s*,
(chart 2882, *Fl(3)G*) (b) 27° 12′.70N., 49° 52′.15E.
port–hand can light–buoy to, *Fl(3)R.9s*, (chart 2882, *Fl(3)R*) (c) 27° 04′.70N., 49° 46′.42E.

Chart [*Last correction*].— **3718** (c) [625/01] — **3719** [353/01] — **3775** (a,b) [572/99] — **3788** [1584/01] — **2882** [1585/01]

Saudi Ports Authority Notice 321/01 (HH.492/440/03).

1839 INDIA, West Coast — Approaches to Port of Bombay — Depth; Wrecks; Buoyage

Insert the accompanying note, DEPTHs, centred on: (a) 18° 57′.52N., 72° 49′.65E.
(b) 19° 01′.50N., 72° 52′.65E.
(c) 18° 45′.20N., 72° 53′.00E.
depth 5m enclosed by 5m contour (d) 18° 55′.78N., 72° 51′.48E.
○ *Wk*, least depth 8₉ m (e) 18° 54′.68N., 72° 52′.58E.
○ *Wk*, least depth 8₅ m (f) 18° 51′.53N., 72° 50′.33E.
port–hand pillar light–buoy with topmark, *Fl.R.5s* A (g) 18° 56′.60N., 72° 54′.91E.
starboard–hand pillar light–buoy with topmark,
Fl.G.5s B, from: (h) 18° 56′.46N., 72° 54′.71E.
to: (i) 18° 56′.36N., 72° 54′.74E.
Delete W. cardinal pillar light–buoy, Q(9)15s A (j) close NE. of (g) above
black conical buoy with topmark, S Karanja (k) 18° 52′.27N., 72° 51′.57E.
black conical buoy with topmark,
(Withdrawn during SW. Monsoon) (l) 18° 51′.48N., 72° 51′.42E.

Chart [*Last correction*].— **2624** (a,d–l) [1164/01] — **2627** (b,e,g–j) [1164/01] — **2621** (c–f,k,l) [631/01]

Indian Hydrographic Office (HH.502/440/03).

II

1840 INDIA, East Coast — Approaches to Madras — Firing practice areas; Buoy; Light; Depth

Insert	the accompanying note, FIRING PRACTICE AREA, centred on:	(a) 13° 10'·6N., 80° 16'·0E. (b) 13° 40'·5N., 81° 40'·5E. (c) 12° 39'·0N., 79° 42'·5E. (d) 13° 05'·90N., 80° 19'·38E (e) 13° 06'·21N., 80° 18'·30E. (f) 13° 05'·23N., 80° 23'·75E. (g) 13° 07'·40N., 80° 17'·90E.(shore) (h) 13° 10'·00N., 80° 20'·15E. (N. border) (i) 13° 17'·65N., 80° 26'·80E. (j) 13° 10'·00N., 80° 30'·21E. (N. border) (k) 13° 06'·20N., 80° 32'·00E. (l) 12° 58'·00N., 80° 28'·15E. (m) 12° 55'·68N., 80° 25'·42E. (n) 12° 55'·00N., 80° 24'·30E. (S. border) (o) 12° 51'·20N., 80° 17'·16E. (p) 12° 55'·00N., 80° 17'·21E. (S. border) (q) 13° 04'·00N., 80° 17'·40E (shore) (r) 13° 08'·30N., 80° 20'·50E. (s) 13° 04'·60N., 80° 20'·50E. (t) 13° 10'·30N., 80° 27'·00E. (u) 12° 58'·00N., 80° 23'·00E. (v) 13° 04'·50N., 80° 26'·00E.
	isolated danger pillar light–buoy, <i>Fl(2)</i> ★ <i>Fl(3)G.8s</i> depth 23 ₅ m limit of firing practice area, pecked line, joining:	
	legend, <i>Firing Practice Area (see Note)</i> , centred on:	

Chart [*Last correction*].— **574 (plan, Madras Harbour)** (*d,e,r,s*) & **574** (*a,f,t,u*) [1586/01] — **2063** (*b,f,g,i,k–n,p,q,v*) [81/00]

— **2069** (*c,g,h,j–m,o,q,v*) [1337/00]

Light List Vol. F, 2000/01, 0941

Indian Charts 3004 and 313 (HH.503/430/03).

1841 MALACCA STRAIT — Sumatera, North Coast — Approaches to Belawan — Buoy

Delete starboard–hand conical light–buoy, *Fl.G.5s* 4° 04'·5N., 98° 40'·6E.

Chart [*Last correction*].— **3920** [3172/99] — **3921** [5009/00] — **1353** [1590/01] — **2777** [1482/01]

Indonesian Notice 50/398/00 (HH.525/760/02).

1842 SINGAPORE STRAIT — Singapore — Jurong Island Southwards — Depths; Legend

Insert	depth 21 ₈ m	(a) 1° 13'·760N., 103° 41'·584E.
Amend	legend to, 21·8m (2000), centred on:	(b) 1° 13'·700N., 103° 41'·415E.
Delete	depth 21 ₉ m	(c) 1° 13'·78N., 103° 41'·50E.

Chart [*Last correction*].— **785** (*a,b*) [*New Edition* 28/12/00] — **2570** (*a,c*) [1432/01]

Singaporean Notice 4/33/01 (HH.521/400/08).

1843 SINGAPORE STRAIT — Singapore — Pulau Bukom — Dredged depth

Amend dredged depth to, 12·9m (2000) 1° 14'·05N., 103° 46'·32E.

Chart [*Last correction*].— **784** [1271/01]

Singaporean Notice 4/32/01 (HH.521/400/08).

1844 SINGAPORE STRAIT — Singapore — Pulau Samulun — West Quay — Dredged depth

Amend dredged depth to, 4·3m (2001) 1° 18'·081N., 103° 41'·710E.

Chart [*Last correction*].— **781** [*New Edition* 1/02/01]

Singaporean Notice 4/30/01 (HH.521/400/08).

1845 SINGAPORE STRAIT — Singapore — Outer Shoal Eastnortheastwards — Wreck

Insert ⬤ *Wk*, least depth 14₅ m 1° 16'·20N., 103° 54'·24E.

Chart [*Last correction*].— **2556** [1383/01] — **3833** [1432/01]

Singaporean Notice 4/35/01 (HH.521/405/05).

II

1846 SINGAPORE STRAIT — Pulau Tekong Southwards and Eastwards — Works

Insert	limit of works area, pecked line, joining:	(a) 1° 22'·38N., 104° 02'·24E. (existing limit)
		(b) 1° 22'·50N., 104° 02'·10E. (E. border)
		(c) 1° 22'·58N., 104° 02'·01E. (N. border)
		(d) 1° 23'·07N., 104° 01'·44E.
		(e) 1° 23'·64N., 104° 00'·98E.
		(f) 1° 25'·21N., 104° 00'·47E.
		(g) 1° 25'·55N., 104° 00'·52E.
		(h) 1° 26'·02N., 104° 01'·03E.
		(i) 1° 25'·28N., 104° 01'·29E.(shore) and
		(j) 1° 24'·92N., 104° 01'·60E.(shore)
		(k) 1° 24'·91N., 104° 01'·69E.
		(l) 1° 24'·29N., 104° 01'·57E.
		(m) 1° 24'·23N., 104° 01'·67E.
		(n) 1° 24'·32N., 104° 01'·78E.(shore)
	legend, <i>Works in progress (2001) (marked by light-buoys)</i> , centred on:	(o) 1° 24'·55N., 104° 01'·20E.
Amend	legend, <i>Works in progress (2001)</i> , centred on:	(p) 1° 24'·45N., 104° 01'·30E.
	legend to, <i>Works in progress (2001) (marked by light-buoys)</i> , centred on:	(q) 1° 22'·20N., 104° 03'·75E.
	legend to, <i>Works in progress (2001)</i> , centred on:	(r) 1° 22'·10N., 104° 03'·45E.
Delete	former limit of works area, pecked line, joining:	(s) (a) above
		(t) 1° 22'·58N., 104° 02'·41E. (N. border)
		(u) 1° 23'·10N., 104° 02'·84E.(shore)

Chart [*Last correction*].— **2569** (a,c,q,s,t) [1385/01] — **2585** (a,d-o,q,s,u) [1385/01] — **2586** (b,d-o) [3654/99] — **3831** (p,r) [1385/01]

Singaporean Notice 4/38(T)/01 (HH.523/500/03).

1847* SINGAPORE STRAIT — Indonesia — Pulau Batam, North Coast — Pulau Nongsa Northeastwards — Depths

Insert	depth 8 ₂ m enclosed by 10m contour	(a) 1° 12'·80N., 104° 05'·93E.
Delete	depth 15 ₁ m	(b) close N. of (a) above
	depth 11 ₃ m	(c) close N. of (a) above

Chart [*Last correction*].— **2569** (a) [1846/01] — **3831** (a,b) [1846/01] — **3949** (a,c) [824/01]

Boskalis International (S) Pte Ltd (HH.522/400/06).

1848* INDONESIA — Sumatera, East Coast — Selat Durian Northwards to Selat Pengelap — Submarine cable

Insert	submarine cable, joining:	1° 01'·99N., 103° 32'·80E. (existing cable)
		1° 01'·19N., 103° 32'·95E.
		1° 00'·69N., 103° 32'·96E.
		0° 58'·00N., 103° 33'·21E.
		0° 52'·88N., 103° 34'·11E.
		0° 51'·44N., 103° 34'·96E.
		0° 43'·94N., 103° 36'·01E.
		0° 40'·64N., 103° 38'·42E.
		0° 39'·70N., 103° 43'·24E.
		0° 37'·89N., 103° 47'·80E.
		0° 33'·19N., 103° 51'·13E.
		0° 28'·94N., 103° 55'·26E.
		0° 25'·72N., 104° 07'·90E.
		0° 25'·88N., 104° 15'·56E.
		0° 27'·87N., 104° 19'·57E.
		0° 30'·69N., 104° 21'·08E.
		0° 31'·48N., 104° 22'·30E. (E. border)

Note: Chart 3948 should be removed from the list of charts affected by Former Notice 1765(P)/00. Further charts will be updated in due course.

Chart [*Last correction*].— **3948** [842/01]

Singapore Telecom (HH.100/308/04).

1849 CHINA SEA — Gulf of Thailand — Thailand — Mae Nam Chao Phraya — Bang Ya Phraek Westwards — Wreck; Buoy

Insert	 E. cardinal pillar light-buoy, Q(3)10s	(a) 13° 38'·221N., 100° 32'·267E. close E. of (a) above
--------	--	--

Chart [*Last correction*].— **993** [2086/00]

Thai Notice 12/599/00 (HH.515/408/03).

II

1802 CHINA, South-East Coast — Hong Kong Island Southwards — Wrecks; Obstructions; Depths

Insert	the accompanying block, showing amendments to wrecks, obstructions and depths, centred on:	(a) 22° 11'·00N., 114° 15'·00E.
Delete	○ Wk PA, unsurveyed clearance depth 10m	(b) 22° 08'·50N., 114° 10'·90E.
	⊗ PA	(c) 22° 08'·30N., 114° 11'·40E.

Chart [*Last correction*].— **3026** (a) [1060/01] — **1962** (b,c) [1060/01] — **1555** (b,c) [1166/01]
Hong Kong Chart 2502 (HH.550/412/02).

1850 CHINA SEA — Gulf of Thailand — Ko Chang Southwards — Ko Ngam Westwards — Wreck

Insert	⊗	(a) 11° 56'·95N., 102° 25'·97E.
		(b) 11° 56'·95N., 102° 25'·47E.

Chart [*Last correction*].— **3966** (a) [721/01] — **3967** (b) [3450/00]
Thai Notice 13/2544/01 (HH.515/414/03).

1803 JAPAN — Seto Naikai — Shikoku, West Coast — Tsurushima Suidō, Matsuyama Kō and Nuwa Shima Northwards — Depths; Fish havens; Submarine cables; Port developments; Fouls; Harbour limits; Lights; Beacon

Insert	the accompanying block, Part A, showing amendments to depths, fish havens and submarine cables, centred on:	(a) 33° 59'·50N., 132° 42'·50E.
	the accompanying block, Part B, showing amendments to depths, port developments, fish havens, submarine cables, fouls, harbour limits, lights and beacon, centred on:	(b) 33° 52'·50N., 132° 40'·00E.
	depth 35m	(c) 34° 01'·69N., 132° 34'·50E.
	depth 20 ₂ m	(d) 34° 00'·02N., 132° 33'·05E.
	depth 53m	(e) 34° 00'·29N., 132° 33'·63E.
	depth 30 ₅ m	(f) 33° 53'·26N., 132° 37'·20E.
	depth 14 ₄ m	(g) 34° 00'·82N., 132° 41'·40E.
Delete	depth 40m	(h) close NE. of (c) above
	depth 32m	(i) close NE. of (d) above
	depth 81m	(j) 34° 00'·24N., 132° 34'·10E.
	depth 33m	(k) close N. of (f) above
	depth 17m	(l) close SW. of (g) above

Chart [*Last correction*].— **3602** (c-f,h-k) [1492/01] — **3603** (a-e,h-j) [1779/01] — **2874** (g,l) [1779/01]
Light List Vol. F, 2000/01, 5435, 5436
Japanese Chart W141 (HH.568/424/04).

1851 JAPAN — Honshū, West Coast — Hamada — Depths

Insert	depth 9 ₇ m enclosed by 10m contour	(a) 34° 54'·46N., 132° 04'·12E.
	depth 6m	34° 53'·17N., 132° 03'·64E.
	10m contour, joining:	34° 53'·23N., 132° 03'·81E.
		34° 53'·28N., 132° 03'·93E.
		(existing contour)
Substitute	depth 14 ₆ m enclosed by 20m contour for depth 23m	34° 53'·17N., 132° 03'·62E.
Delete	depth 12 ₂ m enclosed by 20m contour	34° 54'·38N., 132° 04'·13E.
		close SW. of (a) above

Chart [*Last correction*].— **1301** (plan, Hamada) [4477/00]
Japanese Notice 9/306/01 (HH.563/482/02).

1852 JAPAN — Honshū, North-West Coast — Toyama Wan — Yabuta and Nakanami — Lights

Amend	light to, <i>Fl.R.3s11m3M</i>	36° 53'·15N., 137° 00'·31E.
	range of light to, <i>3M</i>	(a) 36° 56'·80N., 137° 02'·62E.

Chart [*Last correction*].— **1347** [3901/99] — **1326** (a) [379/01]
Light List Vol. F, 2000/01, 7167.4, 7170
Japanese Notice 13/450/01 (HH.563/510/03).

1853 JAPAN — Hokkaidō, South Coast — Uchiura Wan — Dekima Saki — Depths

Insert	depth 17m enclosed by ○	(a) 42° 05'·98N., 140° 49'·00E.
	depth 4 ₆ m enclosed by ○	(b) 42° 05'·42N., 140° 47'·27E.
	depth 9 ₂ m enclosed by ○	42° 04'·88N., 140° 48'·80E.
	depth 6 ₃ m enclosed by ○	(c) 42° 04'·27N., 140° 49'·27E.
Delete	depth 6 ₄ m	(d) close NE. of (b) above

Chart [*Last correction*].— **1817** [2191/00] — **1340** (a-d) [3918/00]
Japanese Notice 13/448/01 (HH.562/415/04).

II

1854 JAPAN — Hokkaidō, West Coast — Rumoi Kō — Light

Amend light to, *Fl.8s58m25M*, (charts 1808 and 1801, *Fl.8s25M*),
(chart 2293, *Fl.25M*) 43° 57′·51N., 141° 38′·92E.

Chart [*Last correction*].— **1807 (plan B, Rumoi Kō)** [3130/00] — **1808** [2192/00] — **1801** [*New Edition* 5/10/00] — **2293** [3662/00]

Light List Vol. F, 2000/01, 6960.6
Japanese Notice 13/449/01 (*HH.562/408/02*).

1804 KOREA, South Coast — Gadeog Do Northwards and Ungcheon Man — Port developments; Works; Coastline; Depths; Breakwaters; Harbour limits; Buoyage

Insert the accompanying block, showing new port developments, works
in progress areas and breakwaters and amendments to
coastline, depths, harbour limits and buoyage, centred on: 35° 04′·7N., 128° 47′·8E.

Chart [*Last correction*].— **1065** [1401/01]

Korean Notices 7/(44)/01, 7/67–69/01 and 7/75(T)/01 (*HH.557/450/04*).

1855 KOREA, West Coast — Approaches to Kunsan Hang — Wreck

Insert  35° 57′·7N., 126° 26′·5E.

Chart [*Last correction*].— **913** (INT 5254) [1398/01]

Korean Notice 12/122/01 (*HH.557/412/03*).

1856* PHILIPPINE ISLANDS — Cebu — Cebu Harbour — Lapu–Lapu City Northeastwards — Bridge

Insert bridge, double firm line, width 15m, joining: 10° 19′·85N., 123° 57′·77E.(shore)
10° 19′·51N., 123° 58′·10E.(shore)

Chart [*Last correction*].— **3193 (plan, Cebu Harbour) & 3193** [265/00]

Bruce Curran (*HH.552/500/04*).

1863 INDONESIA — Lombok, South Coast and Sumbawa, North Coast — Gumbang Bay, Sumbawa Northwestwards and Tambora Volcano Northwards — Lights

Insert ★ *Fl.G.3s12M* 8° 28′·0S., 117° 22′·7E.
★ *Fl.6s12M* 8° 05′·1S., 117° 55′·6E.
Amend light to, *Fl.6s12M* 8° 57′·5S., 116° 23′·5E.

Chart [*Last correction*].— **Aus 414** [1678/01]

Light List Vol. K, 2001/02, 1299.3, 1308.1, 1308.4

Australian Notice 6/175/01 (*HH.571/009/01*).

1857 AUSTRALIA — Miscellaneous correction

Insert magenta chart limit and legend, *Aus 808*, joining: (a) 35° 11′·11S., 150° 40′·00E.
(b) 35° 11′·11S., 151° 40′·50E.
(E. border)
and
(c) 34° 41′·25S., 151° 39′·39E.
(S. border)
(d) 33° 47′·00S., 151° 39′·39E.
Delete former magenta chart limit and legend, *Aus 808*, joining: (e) (a) above
(f) 35° 13′·00S., 151° 40′·50E.
(E. border)
and
(g) 34° 41′·25S., 151° 43′·00E.
(S. border)
(h) (d) above

Chart [*Last correction*].— **Aus 360 (a,b,e,f)** [4187/00] — **Aus 361 (c,d,g,h)** [*New Edition* 27/10/00]

Australian Notice 6/164/01 (*HH.571/009/01*).

1858 AUSTRALIA — Queensland — Point Cartwright Northeastwards — Gneering Shoals — Buoy

Move E. cardinal pillar light–buoy, *Q(3)10s*, from: 26° 39′·3S., 153° 12′·6E.
to: 26° 39′·33S., 153° 12′·84E.

Chart [*Last correction*].— **Aus 235** [1684/01] — **Aus 365** [4300/00]

Australian Notice 6/169/01 (*HH.571/009/01*).

II

1859 AUSTRALIA — Queensland — Approaches to Gladstone — Curtis Island — Southend — Legend

Insert legend, 1·0m, orientated N./S., centred on: 23° 45'·75S., 151° 18'·84E.

Chart [*Last correction*].— **Aus 244 (plan, Entrance to North Channel)** [389/01]

Australian Notice 6/170/01 (HH.571/009/01).

1860 AUSTRALIA — Queensland — Mourilyan Harbour — Depths

Insert depth 4₉ m 17° 36'·616S., 146° 08'·128E.
depth 5₅ m 17° 36'·454S., 146° 08'·067E.
depth 6₄ m 17° 36'·218S., 146° 07'·988E.
⊕ 17° 36'·170S., 146° 07'·928E.
depth 4₄ m 17° 35'·590S., 146° 07'·615E.
5m contour, joining: 17° 36'·650S., 146° 08'·150E.
(S. border)
17° 36'·556S., 146° 08'·100E.
and
17° 35'·665S., 146° 07'·665E.
17° 35'·567S., 146° 07'·630E.
(N. border)

Delete limit of unsurveyed area, pecked line, and associated legend, UNSURVEYED (see Note), joining: 17° 36'·65S., 146° 08'·19E.
(S. border)
17° 36'·19S., 146° 07'·91E.
and
17° 36'·06S., 146° 07'·72E.
17° 35'·57S., 146° 07'·81E.
(N. border)

Chart [*Last correction*].— **Aus 829 (plan, Mourilyan Harbour)** [1689/01]

Australian Notice 6/171/01 (HH.571/009/01).

1861 AUSTRALIA — Queensland — Cape Flattery Northwards — Maxwell Reef — Light-beacon; Depths

Insert light-beacon, *Fl.WR.10s9m10/7M*,
(charts Aus 373 and Aus 374, *Fl.WR.10s10/7M*) (a) 14° 47'·23S., 145° 18'·82E.
sector at light, as follows: (b) (a) above
R 140° – 152° (12°)

Delete depth 0₉ m, (charts Aus 373 and Aus 374, depth 0₃ fm) (c) 14° 47'·2S., 145° 18'·8E.

Chart [*Last correction*].— **Aus 832** [1286/01] — **Aus 373 (a,c)** [1286/01] — **Aus 374 (a,c)** [1286/01]

Light List Vol. K, 2001/02, 3215.5

Australian Notice 6/172/01 (HH.571/009/01).

1862 AUSTRALIA — Queensland — Torres Strait — Booby Island Northwards and Westwards — Depths

Insert depth 8₆ m enclosed by 10m contour (a) 10° 34'·88S., 141° 54'·272E.
depth 8₆ m and extend 10m contour N. to enclose (b) 10° 34'·80S., 141° 54'·33E.
depth 10₄ m (c) 10° 36'·607S., 141° 51'·230E.
(d) 10° 36'·52S., 141° 51'·29E.
Delete depth 10₁ m (e) close NE. of (a) above
depth 11₁ m (f) adjacent to (c) above
depth 8₈ m (g) close SW. of (b) above

Chart [*Last correction*].— **Aus 289 (a,c,e,f)** [4906/00] — **Aus 294 (c,f)** [4906/00] — **Aus 296 (a,c,f)** [98/01] — **Aus 700 (b,d,f,g)** [98/01]

Australian Notice 6/173/01 (HH.571/009/01).

1864 AUSTRALIA — South Australia — Cape Elizabeth — Beacon; Buoy

Insert W. cardinal beacon with topmark 34° 07'·74S., 137° 26'·21E.
Delete W. cardinal pillar buoy 34° 07'·6S., 137° 25'·6E.

Chart [*Last correction*].— **Aus 777** [531/01]

Australian Notice 6/177/01 (HH.571/009/01).

1865 AUSTRALIA — South Australia — Approaches to Port Pirie — Point Jarrold — Light-beacon; Beacons

Insert starboard-hand light-beacon with topmark, Q (a) 33° 15'·98S., 137° 46'·36E.
(b) 33° 15'·99S., 137° 46'·50E.
starboard-hand beacon with topmark (c) 33° 15'·93S., 137° 46'·71E.
(d) 33° 15'·93S., 137° 47'·06E.
(e) 33° 15'·74S., 137° 47'·38E.
(f) 33° 15'·52S., 137° 47'·89E.
(g) 33° 15'·29S., 137° 48'·51E.
(h) 33° 15'·15S., 137° 48'·91E.

Chart [*Last correction*].— **Aus 778 (a,c–h)** [532/01] — **Aus 344 (b)** [531/01]

Light List Vol. K, 2001/02, 1931.3

Australian Notice 6/178/01 (HH.571/009/01).

II

1866 AUSTRALIA — Victoria — Port Phillip — Point Cook Southeastwards — Light-beacon; Anchorage areas

Move	special light-beacon, <i>Fl(4)Y.12s7m3M</i> , from:	(a)	37° 56'·5S., 144° 50'·8E.
	to:	(b)	37° 56'·465S., 144° 50'·763E.
Insert	limit of anchorage area, pecked line, joining:	(c)	37° 55'·826S., 144° 51'·372E.
		(d)	37° 57'·398S., 144° 54'·002E.
		(e)	37° 58'·377S., 144° 54'·003E.
		(f)	37° 58'·379S., 144° 49'·751E.
		(g)	37° 56'·465S., 144° 49'·751E.
	thence an arc, radius 1482m, centred on position (b) above, joining:	(h)	(g) above
		(i)	(c) above
Delete	former circular limit of anchorage area, radius 0·78M, pecked line, centred on:	(j)	(a) above
	semi-circular limit of anchorage area, pecked line, joining:	(k)	(c) above
		(l)	(g) above

Chart [*Last correction*].— **Aus 155** (a–j) [1373/00] — **Aus 143** (c–g,k,l) [745/01]

Light List Vol. K, 2001/02, 2418.9

Australian Notice 6/180/01 (HH.571/009/01).

1867 NORTH AMERICA, West Coast — Alaska — Isanotski Strait and Bechevin Bay — Light; Buoy

Insert	★ <i>4Fl.R.6s23ft4M</i>	54° 51'·42N., 163° 24'·40W.
Substitute	port-hand can buoy, '29', for port-hand pillar light-buoy, <i>Fl.G.4s '29'</i>	54° 56'·95N., 163° 21'·55W.

Chart [*Last correction*].— **1454** (plan, Isanotski Strait) [1698/01]

Light List Vol. G, 2000/01, 6897.2

U.S. Chart 16535 (HH.611/430/03).

1868 SOUTH AMERICA, East Coast — Eastern Approaches to Estrecho de Magallanes — Banco Sarmiento Southwards — Platform

Insert	□ (lighted), <i>AM-6</i> , (charts 554 & 3107, □ (lighted))	52° 36'·4S., 68° 07'·0W.
--------	---	--------------------------

Chart [*Last correction*].— **1692** [1753/00] — **3107** [200/01] — **554** [1700/01]

Light List Vol. G, 2000/01, 1260

Argentine Notice 6/53/01 (HH.648/400/03).

1869 SOUTH AMERICA, East Coast — Brazil, South Coast — Ilha de São Francisco — Pontal Sul — Light

Amend	light to, <i>F.Y.7M</i>	26° 27'·0S., 48° 35'·7W.
-------	-------------------------	--------------------------

Chart [*Last correction*].— **3968** [1707/01]

Light List Vol. G, 2000/01, 0550

Brazilian Notice 4/529(P)/01 (HH.656/470/02).

1870 SOUTH AMERICA, East Coast — Brazil, South Coast — Approaches to Baía de Guanabara — Punta do Arpoador Westsouthwestwards — Data buoy

Delete	special spherical light-buoy with topmark, <i>Fl(3)Y.20s</i>	23° 00'·0S., 43° 13'·3W.
--------	--	--------------------------

Chart [*Last correction*].— **566** [1712/01] — **553** [1712/01]

Brazilian Notice 5/G36/01 (HH.655/003/02).

1871 CENTRAL AMERICA, East Coast — Honduras, North Coast — Puerto Cortés — Light-beacons

Insert	port-hand buoyant light-beacon, <i>LFl.G.5s "1" PA</i>	(a)	15° 51'·115N., 87° 57'·918W.
Delete	former "1" buoyant light-beacon		80m E. of (a) above

Chart [*Last correction*].— **2988** (plan, Puerto Cortés) & (plan, Approaches to Puerto Cortés) [2936/00]

Light List Vol. G, 2000/01, 5994.2

U.S. Notice 12/28170/01 (HH.627/420/03).

1872 GULF OF MEXICO — Louisiana — Sabine Bank Southeastwards — Wells; Platform

Insert	○ <i>Well</i> , least depth 156ft, (chart 3850, ○ <i>Well</i> , least depth 26fm)	(a)	28° 26'·1N., 92° 58'·4W.
	□ (lighted)	(b)	28° 21'·2N., 93° 15'·7W.
	○ <i>Well</i> , least depth 26fm		28° 16'·9N., 92° 40'·9W.
Delete	○ <i>Well</i> , least depth 28fm		close SE. of (b) above

Chart [*Last correction*].— **3854** (a) [1199/01] — **3850** [962/01]

U.S. Notice 16/11340/01 (HH.616/180/01).

II

1873 GULF OF MEXICO — Louisiana — Ship Shoal Southeastwards — Well

Insert $\odot$ Well, least depth 27fm 28° 20'·0N., 90° 26'·3W.

Chart [Last correction].— **3850** [1872/01] — **3851** [421/01]

U.S. Notice 16/11340/01 (HH.616/180/01).

1874 NORTH AMERICA, East Coast — South Carolina — Port Royal Sound — Joiner Bank — Beacon

Delete red and white beacon 32° 12'·53N., 80° 39'·23W.

Chart [Last correction].— **2805** [2416/00]

U.S. Notice 16/11516/01 (HH.614/620/06).

1875 NORTH AMERICA, East Coast — Maryland — Chesapeake Bay — Approaches to Baltimore — Marine Channel and Coal Pier Channel — Buoyage

Insert port-hand can buoy, '1' 39° 12'·535N., 76° 30'·977W.

Delete 'CP' buoy 39° 12'·7N., 76° 30'·7W.

Chart [Last correction].— **2850 (plan, Baltimore Harbor)** [563/01]

U.S. Notice 15/12281/01 (HH.614/590/04).

1876 NORTH AMERICA, East Coast — Pennsylvania and New Jersey — Delaware River — Horseshoe Bend to Fisher Point Range — Depths; Drying bank; Buoy

Insert depth 17ft enclosed by 18ft contour (a) 39° 57'·360N., 75° 07'·890W.

depth 18ft (b) 39° 58'·399N., 75° 05'·510W.

circular limit of drying contour, radius 20m, centred on: (c) 39° 55'·436N., 75° 08'·240W.

Move starboard-hand pillar light-buoy, Fl.R.2·5s '46A', from: (d) 39° 52'·820N., 75° 08'·880W.

to: (e) 39° 52'·800N., 75° 08'·885W.

Delete depth 20ft (f) close NW. of (a) above

depth 23ft and associated 18ft contour (g) close SW. of (b) above

depth 2ft (h) close W. of (c) above

Chart [Last correction].— **2604 (panel 1) (c-e,h) & (panel 2) (a-c,f-h)** [212/01] — **2605 (panel 1) (b,g)** [966/01]

U.S. Chart 12313 (HH.614/545/03).

1877 NORTH AMERICA, East Coast — Bay of Fundy — St John Harbour — Courtenay Bay — Light

Insert • F.R (priv) 45° 16'·38N., 66° 02'·36W.

Chart [Last correction].— **4750** [New Chart 5/4/01]

Light List Vol. H, 2000/01, 4083.2

Canadian Notice 3/4117/01 (HH.606/485/03).

1878 NORTH AMERICA, East Coast — Gulf of Saint Lawrence — Îles de la Madeleine — Cap-aux-Meules — Landmark; Coast radio station

Substitute symbol, tower, for coast radio station, R 47° 23'·3N., 61° 51'·5W.

Chart [Last correction].— **1134** [1625/01]

Canadian Notice 3/4022/01 (HH.604/405/04).

1879 NORTH AMERICA, East Coast — Saint Lawrence River — Baie-Comeau — Depths

Insert depth 5₁ m (a) 49° 13'·970N., 68° 08'·020W.

depth 3₁ m and extend 5m contour E. to enclose 49° 14'·066N., 68° 07'·955W.

Delete depth 5₉ m close N. of (a) above

Chart [Last correction].— **310 (plan D, Baie-Comeau)** [1152/99]

Canadian Notice 3/1226/01 (HH.605/415/02).

1880 NORTH AMERICA, East Coast — Gulf of Saint Lawrence — Cormorant Rocks — Light; Fog signal

Amend range of light to, 15M (a) 50° 09'·8N., 60° 03'·8W.

Delete fog signal, Horn(1)60s, at light (a) above

Chart [Last correction].— **305** [901/99] — **232B** [1615/00] — **2516** [664/01] — **2666 (a)** [4729/00]

Light List Vol. H, 2000/01, 1906

Canadian Notice 3/4021/01 (HH.604/415/02).

II

1881 NORTH AMERICA, East Coast — Quebec — Strait of Belle Isle — Baie Blanc Sablon — Light

Insert	★ <i>Fl.6s33ft9M</i>	(a) 51° 24'·9N., 57° 08'·2W.
		(b) 51° 24'·7N., 57° 07'·4W.
		(c) 51° 24'·9N., 57° 08'·1W.
Amend	light to, <i>Fl.6s33ft9M</i>	(d) (b) above

Chart [*Last correction*].— **779** (d) [2313/98] — **3335** (b) [3050/00] — **282** (c) [2042/99] — **284** (a) [2040/97]
 Light List Vol. H, 2000/01, 0123
 Canadian Notice 3/4980/01 (HH.604/410/02).

II

1882(P)/01 **ELECTRONIC NAVIGATIONAL CHARTS — Availability of UKHO produced ENC's; Cautionary guidance on the use and limitations of ENC's and associated ECDIS systems**

1. The UKHO has developed a reliable system for the production of Electronic Navigational Charts (ENC) and carried out a lengthy period of sea trials. ENC's are vector electronic charts that conform to International Hydrographic Organization specifications. They are compiled from a database of individual items ('objects') of digitised chart data which can be displayed as a seamless chart. When used in an electronic navigation system, the data can then be re-assembled to display either the entire chart image or a user-selected combination of data. ENC's are intelligent in that systems using them can be programmed to give warning of impending danger in relation to the vessel's position and movement.
 2. UKHO produced ENC's are now available for sale as part of the PRIMAR Official ENC Service which provides a consistent, uniform ENC service on behalf of a group of participating National Hydrographic Offices in Europe (currently Denmark, Finland, France, Germany, Netherlands, Norway, Poland, Portugal, Spain, Sweden and UK). PRIMAR is in the process of developing a world-wide network of distributors. For further information visit the PRIMAR web site at www.primar.org or e-mail info@primar.org.
 3. Updates for UKHO ENC's are issued weekly in line with UKHO policy for all its navigational charts, paper and electronic. Updates are issued for all Permanent Chart-Correcting and Preliminary Notices to Mariners. However, it may not always be possible to issue updates for Temporary Notices to Mariners, especially those that cover large geographical areas and are not chart specific. Mariners should consult the paper weekly Notices to Mariners booklet for details of these Notices to Mariners.
 4. Attention is drawn to the statement in Chapter 1, sections 1.1 and 1.2 of The Mariners Handbook (NP100) concerning the use of navigational information provided by the UKHO. This includes the following caution which applies to all charts, paper and electronic:

While the UKHO has made all reasonable efforts to ensure the data supplied is accurate, it should be appreciated that the data may not always be complete, up to date or positioned to modern surveying standards and therefore no warranty can be given as to its accuracy. The mariner must be the final judge of the reliance he places on the information given, bearing in mind his particular circumstances, the needs of safe and prudent navigation, local pilotage guidance and the judicious use of available navigational aids.
 5. Considerable progress has been made in the development of Electronic Chart Display and Information Systems (ECDIS), the navigational systems which make use of ENC data. Many are being developed and a number have now achieved type approval. Mariners should be aware of the significant changes in navigational practice required by the introduction of ECDIS and of the need to manage these changes in a careful and prudent manner. It should also be noted that the appearance and content of the data displayed in electronic charts may differ substantially from the same or similar data in the paper chart form. The definition of an ENC permits them to include information contained in nautical publications. However, currently-available ENC's do not contain such information and mariners using ENC's must continue to use related Admiralty nautical publications.
 6. Because of the developing nature of ECDIS and because there is as yet only limited ENC data availability, there has so far been little experience of the practical, operational use of ECDIS. Mariners must therefore be aware of the user training requirement. They should satisfy themselves that their ECDIS provides all the navigational functionality that they will need and that they are familiar with the operation of this functionality. For example, some early ECDIS systems may be unable to display the cautionary notes which appear on the paper chart and are included in the ENC. Hence, care is required while experience is gained in the practical use of ECDIS. Some national maritime administrations have issued advice relating to the introduction of ECDIS, and mariners should ensure that they are aware of, and conversant with, that advice.
 7. Former Notice 3051(P)/00 is cancelled.
- UK Hydrographic Office (HA.403/011/133/01).

II

1883(T)/01 BRITISH ISLES — Oceanographic buoys and moorings established temporarily

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

<i>Latitude</i>	<i>Longitude</i>	<i>Type</i>	<i>Light</i>	<i>Chart</i>
48°29'·0N	008°43'·0W	Y. Spar	Unlit	4103
48°43'·0N	018°31'·0W	Y. Spar	Unlit	4103
51°05'·99N	001°38'·21E	Y. Spherical	Fl.Y.10s	323
51°31'·5N	001°01'·9E	Y. Toroidal	Fl.Y	1607
51°43'·25N	008°17'·70W	Y. Spherical	Fl(5)Y.20s	1765
52°00'·0N	002°20'·0E	Y. Toroidal	Fl.Y	1543
52°12'·8N	005°48'·7W	Y. Spar	Fl(5)Y.20s	1410
52°15'·9N	005°46'·2W	Y. Toroidal	Fl(5)Y.20s	1410
52°16'·53N	006°15'·63W	Y. Spherical	Fl(5)Y.20s	1787
52°25'·0N	005°15'·0W	Y. Spherical	Fl(5)Y.20s	1410
52°25'·0N	004°20'·0W	Y. Spherical	Fl(5)Y.20s	1410
52°33'·85N	002°04'·70E	Y. Spherical	Fl(5)Y.20s	1543
52°46'·0N	005°18'·0W	Y. Spherical	Fl(5)Y.20s	1410
52°58'·69N	010°37'·46W	Y. Toroidal	Fl(5)Y.20s	2173
53°18'·38N	006°08'·12W	Y. Can	Fl(4)Y.12s	1415
53°37'·1N	002°11'·2E	Y. Toroidal	Fl.Y	1187
53°45'·0N	005°00'·0W	Y. Spherical	Fl.Y.10s	1411
53°47'·18N	004°40'·44W	Y. Toroidal	Fl(5)Y.20s	1411
54°42'·9N	005°45'·9W	Y. Can	Fl.6s	2198
* 56°14'·8N	001°59'·4W	Y. Spar	Fl(5)Y.20s	1407
* 56°14'·9N	001°15'·2W	Y. Spar	Fl(5)Y.20s	1407
* 56°59'·9N	001°44'·8W	Y. Spar	Fl(5)Y.20s	1409
60°20'·90N	001°01'·32W	Y. Conical	Unlit	3282
60°20'·90N	000°48'·53W	Y. Spar	Fl(5)Y.20s	3282

* Indicates new or revised entry.

- Former Notice 1516(T)/01 is cancelled.

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

1884(P)/01 NORWAY, West Coast — Bergen Havn — Harbour developments

- Extensive harbour developments, including areas of reclamation, have taken place throughout Bergen Havn. The most significant developments are centred on:
 - 60° 24'·185N., 5° 19'·100E. The northerly point is marked by a F.G light in position 60° 24'·203N., 5° 19'·097E.
 - 60° 23'·535N., 5° 18'·650E. On its southern side it is marked by a F.R light in 60° 23'·491N., 5° 18'·525E.
 - 60° 22'·900N., 5° 19'·700E. The floating dock close southwards has been removed.
- An additional floating dock has been positioned in the vicinity of 60° 23'·47N., 5° 17'·97E.
- The anchorage at Nordrevåg in 60° 23'·570N., 5° 17'·190E. has been removed.
- These and numerous other changes will be included in a New Edition of Chart 3008 to be published during 2001.

Chart affected — 3008

Norwegian Chart 460 (HH.310/445/05).

1885(P)/01 SPAIN, North Coast — Santander — Anchorage areas; Marina; Reclamation; Dredged area; Lights

- A recently received Spanish chart has revealed numerous changes in the vicinity of Santander, the more significant of which are listed below.
- The following anchorages areas have been removed:
La Osa in position 43° 27'·64N., 3° 47'·41W.)
Promontorio in position 43° 27'·86N., 3° 46'·60W.)
Puerto in position 43° 27'·81N., 3° 45'·74W.)
- A new marina has been established NE. of Pedreña, at Ensenada de la Barquería (43° 26'·85N., 3° 45'·85W.).
A channel, marked by beacons, extends from the marina eastwards to Muelle de Somo (43° 27'·10N., 3° 44'·80W.).
- Reclamation is taking place on the N. side of Muelle de Raos between positions 43° 26'·970N., 3° 49'·190W., 43° 26'·945N., 3° 48'·790W. and 43° 26'·900N., 3° 48'·795W.
- The alongside quay depths have been dredged to 13m between positions 43° 26'·725N., 3° 49'·525W. and 43° 26'·900N., 3° 48'·800W.
- The following lights have been established:
Astillero marina dock, floating breakwater, Q.R (43° 24'·22N., 3° 48'·84W.)
Astillero, adjoining quay, Q.G (43° 24'·24N., 3° 48'·88W.)
- These changes will be included in a New Chart to replace Chart 1155.

Chart affected — 1155

Spanish Notice 10/163/01 & Spanish Chart 4011 (HH.359/470/03).

II

1886(T)/01 SINGAPORE STRAIT — Singapore — Pulau Sudong Southwestwards — Anchorage area; Buoyage

- Mariners are advised that, with effect from 1st March 2001, a Temporary Holding Anchorage for Very Large Crude Carriers (VLCCs) has been established in the area bounded by the following positions:
 $1^{\circ} 11' \cdot 75N., 103^{\circ} 40' \cdot 56E.$
 $1^{\circ} 12' \cdot 07N., 103^{\circ} 40' \cdot 81E.$
 $1^{\circ} 11' \cdot 54N., 103^{\circ} 41' \cdot 52E.$
 $1^{\circ} 11' \cdot 22N., 103^{\circ} 41' \cdot 28E.$
- The anchorage area is marked by the following light-buoys:
special pillar light-buoy, *Fl.Y.4s Raffles*, in position $1^{\circ} 11' \cdot 90N., 103^{\circ} 41' \cdot 22E.$
special pillar light-buoy, *Fl.Y.2s Pawai*, in position $1^{\circ} 11' \cdot 30N., 103^{\circ} 40' \cdot 80E.$

Charts affected — 2570 — 3833

Singaporean Notice 4/37(T)/01 (HH.521/400/08).

1887(T)/01 JAPAN — Honshū, South-West Coast — Mutsurejima Ku — Restricted area; Works

- A restricted area, Entry Prohibited, is temporarily established bounded by the following positions:
 $33^{\circ} 59' \cdot 12N., 130^{\circ} 54' \cdot 73E.$ (shore)
 $33^{\circ} 58' \cdot 77N., 130^{\circ} 54' \cdot 35E.$
 $33^{\circ} 58' \cdot 79N., 130^{\circ} 54' \cdot 04E.$
 $33^{\circ} 58' \cdot 99N., 130^{\circ} 53' \cdot 27E.$
 $33^{\circ} 59' \cdot 21N., 130^{\circ} 53' \cdot 27E.$
 $33^{\circ} 59' \cdot 67N., 130^{\circ} 53' \cdot 81E.$
 $33^{\circ} 59' \cdot 36N., 130^{\circ} 54' \cdot 20E.$
 $33^{\circ} 59' \cdot 32N., 130^{\circ} 54' \cdot 78E.$ (shore)
- Harbour construction works will take place within the area above.

Chart affected — 1578

Japanese Notice 13/477(T)/01 (HH.568/400/03).

1888(T)/01 AUSTRALIA — New South Wales — Green Cape to Point Danger — Scientific instruments

- Scientific instruments, generally marked by light-buoys, exist in the following positions until further notice. Craft are not to use the buoys as moorings.
The most convenient chart is quoted.

Location	Lat S.	Long E.	Characteristics	Charts
Eden	$37^{\circ} 18' \cdot 1$	$150^{\circ} 11' \cdot 1$	<i>Fl(5)Y.20s</i>	Aus 359
Batemans Bay	$35^{\circ} 42' \cdot 4$	$150^{\circ} 20' \cdot 7$	<i>Fl(5)Y.20s</i>	Aus 360
Port Kembla	$34^{\circ} 28' \cdot 6$	$151^{\circ} 01' \cdot 5$	<i>Fl(5)Y.20s</i>	Aus 361
Deewhy Head	$33^{\circ} 47' \cdot 0$	$151^{\circ} 25' \cdot 3$	<i>Fl(5)Y.20s</i>	Aus 197
Allagai Bay	$33^{\circ} 30' \cdot 1$	$151^{\circ} 26' \cdot 2$	<i>Fl.1·5s</i>	Aus 197
Allagai Bay	$33^{\circ} 29' \cdot 8$	$151^{\circ} 26' \cdot 0$	Unmarked	Aus 197
Crowdy Head	$31^{\circ} 49' \cdot 5$	$152^{\circ} 51' \cdot 6$	<i>Fl(5)Y.20s</i>	Aus 362
Coff's Harbour	$30^{\circ} 21' \cdot 6$	$153^{\circ} 16' \cdot 2$	<i>Fl(5)Y.20s</i>	Aus 363
* Byron Bay	$28^{\circ} 49' \cdot 2$	$153^{\circ} 43' \cdot 6$	<i>Fl(5) Y. 20s</i>	Aus 364

* Indicates new or revised entry.

- Former Notice 573(T)/01 is cancelled.

Charts affected — Aus 197 — Aus 359 — Aus 360 — Aus 361 — Aus 362 — Aus 363 — Aus 364

Australian Notice 6/183(T)/01 (HH.571/009/01).

1889(T)/01 AUSTRALIA — Queensland — Mackay — Wreck

A dangerous wreck exists in approximate position $21^{\circ} 06' \cdot 0S., 149^{\circ} 23' \cdot 0E.$

Chart affected — Aus 249

Australian Notice 6/189(T)/01 (HH.571/009/01).

II

1890(T)/01 AUSTRALIA — Queensland — Townsville — Depth information

1. Available depths as at 23 February 2001:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.7	
Platypus Channel	11.7	
Outer Harbour:		
* Arrival Channel	7.7	
* Departure Channel	10.6	
Inner Harbour:		
Harbour	11.5	
Berths:		
No 1	12.0	
* No 2	12.0	Not beyond 785 metre mark
No 3	11.2	
No 4	10.2	
No 7	11.0	
No 8	10.0	
No 9	12.1	
No 10	9.6	
No 11	11.7	
Between No 7 and No 8	10.2	Seaward of zero mark at No 7 berth
Between No 9 and No 10	10.4	Seaward of zero mark at No 10 berth
Ross River Channel	1.4	

* Indicates new or revised entry.
2. Former Notice 1311(T)/01 is cancelled.

Charts affected — Aus 256 — Aus 257

Australian Notice 6/190(T)/01 (HH.571/009/01).

1891(T)/01 AUSTRALIA — Queensland — Thursday Island — Light

The light in position, 10° 35'·80S., 142° 13'·17E., has been destroyed.

Charts affected — Aus 293 — Aus 299

Australian Notice 6/191(T)/01 (HH.571/009/01).

1892(T)/01 CARIBBEAN SEA — Belize — English Cay Channel and Belize Harbour — Buoyage

1. Mariners are advised that the following buoys are reported missing:
 - a. red pillar light–buoy, Fl.R.5s, in position 17° 25'·77N., 88° 11'·84W.
 - b. red pillar light–buoy, Fl.R.2·5s, in position 17° 23'·25N., 88° 08'·60W.
 - c. green pillar light–buoy, Fl(2)G.5s, in position 17° 20'·72N., 88° 04'·72W.

Chart affected — 522

motor yacht *Braveheart* (HH.624/415/02).

II

1893

TEMPORARY AND PRELIMINARY NOTICES

In Force 28 April 2001

(Former Notice 1525/01 is cancelled)

Cancelled Notices					
Area	Notice No.	Area	Notice No.	Area	Notice No.
1	3051/00	2	4814/98, 1516/01	3	1792/98
4	1057/00	5	2152/99	6	4818/98, 3646/99, 4492/99
6	1058/00, 296/01	8	4636/98, 4589/99, 4037/00	8	113/01
9	3868/00	12	524/99, 3157/00	14	3456/99, 4211/00, 288/00
14	289/00, 434/01, 975/01	15	3457/99, 1694/00, 4039/00	15	437/01
18	573/01, 574/01, 1311/01	19	3271/00	24	1524/01

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

1. MISCELLANEOUS

2318/99–	.....	Dangerous and Non-dangerous wrecks: Depth criteria	
1882/01–	.....	Electronic Navigational Charts: Availability of UKHO produced ENCs;	
	.....	Cautionary guidance on the use and limitations of ENCs and associated	
	.....	ECDIS systems	

2. BRITISH ISLES

682/98–	2	.....	Wales, S. coast, Gower Peninsula, Oxwich Bay to Celtic Sea:	1,2,6
		.....	Submarine cable	
1071/98–	633	.....	Ireland, E. coast, Ardglass Harbour: Marina; Breakwater	3
2218/98–	1351, 2182A	.....	England, S. coast to Belgium, Kennack Cove to West Hinder:	1,7,9,16
		.....	Submarine cable	
3085/98–		.....	British Isles, Use of DGPS: Accuracy of Charts	
1065/99–	2484	.....	England, E. coast, River Thames, Hole Haven Creek: Depths	8
1395/99–	633	.....	Ireland, E. coast, Malahide Inlet Channel: Reclaimed area; Marina	3
2741/99–	1777, 1765, 2049, 2424	.....	Ireland, S. coast, Port of Cork, Approaches to The Sound, Fort Davis:	
		.....	Light; Leading line	2
3298/99–	3294	.....	Scotland, Shetland Islands, Mainland, Scalloway: Works	6
3840/99–	2800	.....	Ireland, E. coast, Carlingford Lough, Warrenpoint: Amendments to	3
		.....	approach channel	
4303/99–	2789	.....	Ireland, SW. coast, Dingle Bay, Castlemaine Harbour: Depths	4
4672/99–		.....	British Isles: Transfer of Admiralty Charts to a horizontal datum	
		.....	compatible with World Geodetic System 1984 Datum	
283/00–	1200	.....	England, E. coast, The Wash, Approaches to King's Lynn: Stakes	7
285/00–	2565, 1410, 2655	.....	Ireland, S. coast to England, W. coast, Kilmore Southwards to	1,2,3
	1123, 2649, 2675	.....	Whitesand Bay; Submarine cable	
358/00–	1478, 1179, 1410, .....	.....	Ireland, E. coast to England, W. coast, Wexford North Bay to Bude and ...	1,2,3
	1123, 2649	.....	Widemouth Bay: Submarine cables	
690/00–	1438	.....	Scotland, E. coast, Arbroath Harbour and approaches: Dredged channel	6
942/00–	111, 156, 160, 1192, 1407	.....	England, E. coast, Farne Islands to Newbiggin-by-the-Sea: Depths	6,7
1054/00–	1438	.....	Scotland, E. coast, Peterhead Bay: Quay; Berths; Light; Lifeboat station ..	6
2233/00–	1408, 2182A	.....	England, E. coast, to Netherlands, Lowestoft to Egmond: Submarine cable ..	7,9
2327/00–	417, 3768, 266, 267, 268, .....	.....	England, E. coast to Denmark, Redcar to Fanø and Esbjerg:	7, 9
	1192, 1404, 1405, 2182A, .....	.....	Submarine cable	
	2182B	.....		
2421/00–	1906	.....	Scotland, W. coast, Firth of Clyde, Kyles of Bute, Burnt Island, ...	3
		.....	Eilean Buidhe Southwestwards: Depth; Buoy; Obstruction; Less water	
2422/00–	2499	.....	Ireland, N. coast, Lough Foyle, Lisahally Terminal: Works	3
2423/00–	1123, 2649	.....	England, W. coast, Cornwall, Bude Westwards and Southwestwards:	1, 2
		.....	Submarine cable	
2729/00–	244, 213, 272, 274, 278, .....	.....	Scotland, E. coast, Bay of Cruden Eastwards, Northeastwards and	6, 7
	1409, 2182B, 2182C	.....	Southeastwards to North Sea, Norwegian Sector, Ula Oil Field: Submarine cable	
3053/00–	109	.....	England, E. coast, River Humber: Depths; Works	7
3519/00–	1791	.....	Scotland, Caledonian Canal: Temporary closure	5
3520/00–	2345, 777, 1148, 1149, .....	.....	England, W. coast, Cornwall, Whitesand Bay Northwestwards, Westwards ..	1,2,6
	2565, 1178, 2655, 1123, .....	.....	and Southwestwards: Submarine cable	
	2649, 2675, 2	.....		
3784/00–	1200	.....	England, E. coast, The Wash, Approaches to King's Lynn, ...	7
		.....	Old Lynn Road: Buoyage	
3863/00–	1934	.....	England, E. coast, River Tyne, Newcastle Harbour: Construction works	7
4036/00–	1978, 1981, 1826	.....	Ireland, E. coast to England, W.coast, Baldoyle to Ainsdale:	3
		.....	Submarine cable	

II

2. BRITISH ISLES – continued

4119/00–	1478, 1468, 1787, ...	Ireland, E. and S. coasts, Dublin Bay to Mizen Head Southwestwards	1,2,3,6
	2049, 2423, 2424, 1178, .	Submarine cable	
	1410, 1411, 1121, 1123,		
	2649, 2		
4521/00–	2499	Ireland, N. coast, Lough Foyle: Aids to navigation	3
4731/00–		British Isles, Positions on Admiralty Charts and small craft versions	
		during the period of transfer to a WGS compatible datum	
4823/00–	1540	Ireland, W. coast, River Shannon, The Whelps to Limerick: Depths	4
5035/00–	1491, 2695	England, E. coast, Walton Backwaters, Approaches to Hamford Water and .	7
		Walton Channel: Buoyage	
5036/00–	44	Ireland, E. coast, Annalong Harbour: Temporary closure of harbour	3
108/01–	1753, 2198	Ireland, NE. coast, Belfast Lough, Belfast Docks: Bridge;	3
		Maintained depths; Dredging; RoRo berths; Lights; Works;	
		Light–beacons; Buoyage	
109/01–	1123, 2649, 2	England, W. coast, Cornwall, Bude Bay Westwards and Southwestwards: .	1,2,6
		Submarine cable	
427/01–	1549	Ireland, W. coast, Approaches to Foynes: Lights; Leading line;	4
		Dredged channel; Light–beacons; Aids to Navigation; Pier; Dredged depths	
428/01–	1978, 1981, 2198, 2199, .	England, W. coast to Ireland, NW. coast, Southport to Tory Island	3,4,5,6
	2798, 2811, 1320, 1770, .	Westwards: Submarine cable	
	2093, 2094, 1411, 1826,		
	2723, 2724, 2725, 1121,		
	1127, 2635, 2		
665/01–	1953, 1978	Wales, N. coast, Approaches to the River Dee, North Rhyl to Mostyn	3
		Docks, Dredging; Works; Harbour developments	
768/01–	1160, 1156, 1164, 1179, .	England, W. coast to Ireland, S. coast, Saunton Sands to Celtic Sea:	1,2,6
	1178, 1123, 2649, 2	Submarine cable	
877/01–	1152, 1076, 1164, 1165, .	England, W. coast to Celtic Sea, Burnham-on-Sea Northwards, Celtic Deep	1,2,3,6
	1179, 2049, 1178, 1121, .	and Porcupine Sea Bight Eastwards: Submarine cable	
	1123, 2649, 2		
969/01–		British Isles, Channel and North Sea: Major offshore yacht races, ...	
		May – September 2001	
1202/01–	1188, 109, 107, 1190 . .	England, E. coast, Approaches to the River Humber: Traffic Separation	7
		Scheme	
1417/01–	1773, 1777, 1765	Ireland, S. coast, Port of Cork, Approaches to the Sound, Cork Harbour: . .	2
		Depths	
1796/01–	1182, 1176	Wales, S. coast, Cardiff Docks and Approaches: Light	2
1883/01–		British Isles, Oceanographic buoys and moorings established temporarily . .	

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

1769/94–	3524, 3529	Norway, W. coast, Approaches to Mosjøen: Depths	14
1665/96–	4101	Norway, W. coast, Halten Bank Northwestwards: Restricted area	13,15
2805/96–	2270, 3180, 3181	Russia, N. coast, Approaches to White Sea — Terskiy Bereg: Depths	14
548/97–	2280, 2273	Russia, N. coast, Arkhangel'sk: Buoyage; Depths; Anchorages;	14
		coast radar station	
2868/98–	3529	Norway, W. coast, Sildøyfjorden, Staulen Eastwards, Akviksundet: Bridge .	14
1066/99–	3019, 299, 2291, 2305, . .	Norway, W. coast, Kallstø to Åsgard: Pipelaying operations	6,7,13
	2304, 2281, 2672, 2673,		
	2674, 2182C, 2182D, 4140		
1753/99–	2305, 2306, 2307, 2674, .	Norway, W. coast, Kallstø to Åsgard: Pipelaying operations	10
	2182D, 4140, 4101		
3529/99–	2308, 4101	Norway, W. coast, Asgard Oil Field: Restricted area	13,14,15
4033/99–	4101	Norway, W. coast, Asgard Oil Field: Obstruction; Anchors; Chains;	13
		Moored storage tanker	
4226/99–	2306, 2182D, 4101	Norway, W. coast, Storegga, Storneset: ODAS buoy	13
1938/00–	2274	Russia, N. coast, White Sea, Kandalakshskiy Zaliv: Mooring buoys	14
2037/00–	2984	Norway, S. coast, Kristiansand, Outer Approaches to Vestregapet	12
		Kristiansandsfjorden and Kvåsefjorden: Depths	
2630/00–	3004	Norway, W. coast, Approaches to Stavanger: Harbour District Limits	13
2946/00–	2295	Norway, W. coast, Trondheim Havn, Fernjehavn: Breakwater; Lights	13
3521/00–	2967	Russia, N. coast, Barents Sea, Proliv Karskiye Vorota: Depths	14
295/01–	3882	Norway, W. coast, Bodø Indre Havn: Harbour developments; Light.	14
430/01–	2327, 2366	Norway, W. coast, Vesterålen and Andefjorden: Lights; Depth	14
970/01–	3759	Norway, W. coast, Vågsfjorden, Astafjorden, Tjeldsundet and	14
		Sandtorgstraumen: Depths; Lights; Buoyage	
983/01–	3503, 3505	Norway, W. coast, Approaches to Namsos: Depths; Lights	14
1884/01–	3008	Norway, W. coast, Bergen Havn: Harbour developments	13

4. BALTIC SEA

4403/98–	2338	Gulf of Bothnia, Sweden, E. coast, Approaches to Gävle, Fredriksskans: . .	11
		Works; Lights; Buoyage; Depths	
2933/99–	53	Gulf of Bothnia, Sweden, E. coast, Approaches to Luleå, Germandofjorden: 11	
		Buoy	
4032/99–	3062	Gulf of Bothnia, Finland, Approaches to Kokkola: Dredged channels	11
2529/00–	2115, 2360	Sweden, S. coast, Kuulagrund Southwards: Unexploded ordnance	10

II

4. BALTIC SEA – continued

3785/00–	3143	Sweden, E. coast, Stockholms Skärgård, Kanholmsfjärden to Gustavsberg: Submarine cable	10
3786/00–	3170	Sweden, E. coast, Southern Approaches to Södertälje from Landsort to Regarn: Submarine cables	10
3787/00–	3168	Sweden, E. coast, Södertälje and Approaches: Submarine cables	10
3864/00–	903, 2595	Sweden, W. coast, The Sound, Flintrännan: Depths	10
3949/00–	3169	Sweden, E. coast, Öregrunds Skärgård: Submarine cables	11
4206/00–	3163	Sweden, E. coast, Stockholms Skärgård, Björkö eastwards and westwards, Norrtäljeviken and Rådmansö eastwards and southwards: Submarine cables	10
4207/00–	3127	Sweden, E. coast, Stockholms Skärgård, Gräskö northwards to Norra Ljusterö westwards and Kudoxafjärden: Submarine cables	10
4734/00–	2369	Poland, Stilo Northeastwards: Wave recorder; Buoy	10
110/01–	3168	Sweden, E. coast, Stockholms Skärgård, Södertäljeviken: Submarine pipeline	10
111/01–	1090	Gulf of Finland, Finland, S. coast, Approaches to Kotka, Mussalo: New Harbour; Buoyage	11
431/01–	944	Denmark, Guldborg Sund: Depths; Obstruction	10
769/01–	1079	Gulf of Finland, Finland, S. coast, Porkkalanniemi Southeastwards: Submarine cable	11
1099/01–	3163	Sweden, E. coast, Stockholms Skärgård, Björkö Eastwards and Westwards: Submarine cables	10
1203/01–	2337	Gulf of Bothnia, Ålands Hav, Finland: Light; Obstruction; Buoy	11
1204/01–	3439	Finland, SW. coast, Saaristomeri, Houtskari westwards to Turku: Submarine cable	11
1205/01–	3436, 2224, 1079, 1080, 1083, 1089, 3439, 3441, 3443, 2241, 3438	Gulf of Finland, Finland, S. coast: Restricted areas	10,11
1418/01–	3438	Finland, SW. coast, Approaches to Uusikaupunki (Nystad): Channels; Buoyage; Maximum authorised draughts; Lights	11
1517/01–	902, 903	Denmark, The Sound, Approaches to København and Drogden: Depths; Dredged area; Wrecks; Lights; Leading line; Reclamation; Harbour developments; Restricted area; Buoyage	10

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

1733/96–	2672	North Sea, Norwegian Sector, Eigersundbank Westwards: Restricted area	13
2378/96–	272, 1404	North Sea, Norwegian Sector, Ekofisk Oil Field: Buoyage; Anchoring and Fishing Prohibited areas	7,9
2110/98–	2182A, 2182B	Germany, North Sea Coast to Scotland, North Coast, Ellenbogen Northwestwards to Orkney and Shetland Islands Westwards: Submarine cable	6,7,9,13
2398/98–	2182A, 2182B	Germany, North Sea Coast to The Netherlands, Sylt to Castricum: Submarine cable	7,9
2706/98–	2182A	Netherlands to England, S. coast, Castricum to Sennen Cove: Submarine cable	1,2,7,8,9,16
4003/98–	3510	Germany, Die Ems, Ditzum Eastwards: Flood barrage	9
4005/98–	139, 120, 1874	Netherlands, Westerschelde: Deepening	9
4314/98–	3019, 274, 291, 292, 2281, 2672	North Sea, Norwegian Sector to Norway, W. coast, Draupner and Sleipner to Karmøy, Sira Sound: Submarine cable	6,13
711/99–	295, 299	North Sea, Norwegian Sector, Statfjord Oil Field: Underwater structures	6,13
3025/99–	288, 2673, 2182C, 2182D, 4140	North Sea, Norwegian Sector, Troll Gas Field: Restricted areas	6,7,13
3026/99–	288, 2673, 2182C, 2182D	North Sea, Norwegian Sector, Troll Gas Field: Wellheads; Restricted areas	6,13
3027/99–	288, 2673, 2182C, 2182D	North Sea, Norwegian Sector, Troll Gas Field: Restricted areas	6,13
3373/99–	295, 299, 2673, 2182D, 2, 4140	North Sea, Norwegian Sector, Snorre Oil Field; Field development	6,7,13
4134/99–	2182A	England to Netherlands, Sizewell to Zandvoort: Submarine cable	7,9
4306/99–	2322, 3371, 2182A	North Sea, Netherlands to Belgium, Zandvoort to Zeebrugge: Submarine cable	7,9
4307/99–	2182A	North Sea, Belgium to Thorpness: Submarine cable	7,9
566/00–	278, 2182B, 2182C	North Sea, UK Sector, Durward and Dauntless Oil Fields: Moored storage tanker; Field abandonment	6,7
819/00–	272, 274, 275, 291, 1119, 1234, 1942, 2672, 1404, 219, 1129, 2182B, 2182C	Denmark, W. coast to Scotland, N. coast, Hinde Sande Southwards to Orkney and Shetland Islands Westwards; Submarine cable	6,7,9,13
820/00–	1351, 2147, 323, 1892, 1610, 2451, 2675, 2182A	Netherlands to France, N. coast, Katwijk aan Zee to St-Valéry-en-Caux Submarine cable	1,7,9,16
1395/00–	3768, 3761, 1404, 1405, 2182A, 2182B	Denmark, W. coast and Germany, North Sea coast, Hvide Sunde southwards to Nordeney: Submarine cable	7,9
1483/00–	1507, 1405, 2182A, 2182B	North Sea, Netherlands Sector, East Friesland TSS: Buoy	7,9
2424/00–	112	North Sea, Netherlands Sector, Vlieland, Zuider Storemelk: Buoy	9
3354/00–	1507, 3761, 1408, 1405, 2182A, 2182B	Germany, North Sea Coast to Netherlands, Nordeney to Katwijk: Submarine cable	7,9
4035/00–		North Sea, Netherlands, Germany and Denmark: Transfer of Admiralty Charts to World Geodetic System 1984 Datum	–
4122/00–	273, 278, 2182B	North Sea, U.K. Sector, Banff Oil Field: Restricted area; Oil field development area	7

II

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

4330/00–	272, 2182B, 2, 4140	North Sea, U.K. Sector, Judy Oil Field Northwards: Obstructions;	6,7
		Submarine pipeline	
767/01–	1408, 2672, 1404, 1405, . .	North Sea, Norwegian Sector, to England, E. coast, Draupner Platform to . .	6,7,9,13
	2182A, 2182B, 2182C . .	Lowestoft: Submarine cable	
971/01–	1405, 2182B	North Sea, German Sector, Weiss Bank Southwestwards: Obstruction	7, 9
972/01–	3266	Germany, North Sea Coast, Die Elbe, Brokdorf to Wedel: Anchorage area; .	9
		Buoyage; Spoil ground	
1518/01–	278, 291, 2182B, 2182C . .	North Sea, U.K. Sector, Britannia Gas Field Southeastwards:	6,7
		Moored storage tanker; Submarine pipeline; Restricted areas	
1626/01	294, 295, 2673, 2182C, . .	North Sea, U.K. Sector, Alwyn North Oil Field Southwards, ...	6,7,13
	2182D, 2, 4140	Bressay East Ground: Wellheads; Manifolds; Submarine pipelines	
1797/01–	132	Netherlands, Nieuwe Maas, Prinses Christinahaven: Reclamation	9

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

581/98–	2548, 3633	Spain, W. coast, Isla Ons, Ría Pontevedra and Ría de Aldán: Depths	18
628/99–	2641	France, W. coast, Pertuis Breton, Île de Ré, Approaches to S. Martin-de-Ré: 17	
		Explosives	
450/00–	1267, 1613, 442, 2450, . .	France, N. coast to England, S. coast, St-Valéry-en-Caux to Pentewan: . .	1,16
	2613, 2655, 2675	Submarine cable	
1396/00–	1170	Spain, N. coast, Puerto de Bilbao: Port developments; Reclaimed areas; . .	17
		Lights; Buoyage	
1484/00–	3253	Portugal, W. coast, Aveiro, Canal da Embocadura and Canal de Navegação .	18
		Lights; Leading lines	
1939/00–	1181, 1102	Spain, N.coast, Approaches to Pasajes: Current meters	17
2949/00–	2135, 2136, 2613, 2656 . .	France, N. coast, Baie de Seine, Pointe de la Perceé Northwards:	1,16
		Restricted area	
3445/00–	2345, 3674, 777, 442, . .	France, N. coast to England, S. coast, Les Rosaires to Porthcurno:	1,2,16
	2565, 2644, 2668, 2669, . .	Submarine cable	
	1178, 2655, 2656, 1123, . .		
	2649, 2675		
4123/00–	3670, 3674, 2644, 2668, . .	France, N. coast to Bay of Biscay, Le Palus to La Chapelle	1,16
	2669, 2643, 2655, 20, . .	Bank Southwestwards: Submarine cable	
	2649, 2675, 1104		
4825/00–	149	France, S. coast, Toulon, Petite Rade: Depths; Obstruction;	25
		Restricted area	
215/01–	3254	Portugal, W. coast, Approaches to Porto de Leixões & Rio Douro: Depths .	18
566/01–	90	Spain, SW. coast, Cadiz Southwestwards: Fish havens	18
973/01–	2750	France, W. coast, Arcachon, La Passe Nord and La Passe Sud: Buoyage . .	17
		Drying heights; Depths	
1627/01–	1756	Spain, W. coast, Approaches to Ría de Muros, Banco las Basoñas, ...	18
		Cabo Froix and Banco Bustaján: Depths	
1628/01–	1757, 1758, 1768	Spain, W coast, Ría de Arosa: Depths; Rock	18
1885/01–	1155	Spain, N. coast, Santander, Anchorage areas; Marina; Reclamation;	17
		Dredged area; Lights	

7. NORTH ATLANTIC OCEAN

464/94–	369	Arquipélago de Cabo Verde: Source data	20
1868/98–	367	Arquipélago de Cabo Verde: Ilha de São Vicente, Porto Grande:	20
		Harbour developments; Dredging	
1059/00–	1856	Islas Canarias, Gran Canaria, Puerto de la Luz, Puerto Exterior: Buoyage . .	20
1940/00–	868, 334	Bermuda, Saint David's Island Southeastwards: Submarine cable	82
3446/00–	1857	Islas Canarias, Tenerife, Santa Cruz de Tenerife, Dársena Pesquera:	20
		Light-beacons	
3447/00–	1857	Islas Canarias, Tenerife, Santa Cruz de Tenerife, Dársena Sur:	20
		Buoyage; Works	
3448/00–	1857	Islas Canarias, Tenerife, Santa Cruz de Tenerife, Dársena Este:	20
		Works; Buoy	
3523/00–	1856	Islas Canarias, Gran Canaria, Puerto de La Luz: Works; Buoy	20
4736/00–	4012	Mid-Atlantic Ridge: Data buoys	19
216/01–	367	Arquipélago de Cabo Verde, Ilha de São Vicente, Ilha de Santiago and . . .	20
		Ilha do Sal, Porto Grande, Porto da Praia and Baía da Palmeira: Works;	
		Depths; Submarine pipeline; Harbour developments; Lights;	
		Mooring buoys	
1519/01–	1689	Arquipélago da Maderia, Ilha de Porto Santo, Porto do Porto Santo	20
		Southwards: Mooring buoys	

8. MEDITERRANEAN & BLACK SEAS

3266/98–	1710, 1910	Mediterranean Sea, Algeria: Navigation restrictions	24,312
4528/98–	1974, 1998	Mediterranean Sea, France, S. coast, Nice Southeastwards: Submerged . .	25,26
		apparatus	
1397/99–	1272	Black Sea, Turkey, Giresun: Harbour closure	31
3531/99–	1195	Mediterranean Sea, Spain, E. coast, Puerto de Barcelona: Completion of .	25
		works; Navigation aids	
4034/99–	1440, 220, 204	Mediterranean Sea, Adriatic Sea, Central and Southern part:	27
		Ordnance clearance	

II

8. MEDITERRANEAN & BLACK SEAS – continued

4136/99– 907	Mediterranean Sea, Italy, W. coast, Civitavecchia: Port developments	26
286/00– 1563	Mediterranean Sea, Lebanon, Beyrouth: Port developments	30
1167/00– 1532	Mediterranean Sea, Aegean Sea, Greece, Nísos Kásos, Órmos Frí: Works	29
1618/00– 1588	Mediterranean Sea, Spain, S. coast, Almería: Works; Light	25
3269/00– 1444	Adriatic Sea, Italy, E. coast, Ancona: Port developments	27
3789/00– 204	Adriatic Sea, Italy, E. coast, Approaches to Caorle: Restricted area	27
3790/00– 200, 220	Adriatic Sea, Italy, E. coast, Approaches to Porto Recanati: Restricted area	27
3866/00– 186	Adriatic Sea, Central Part: Restricted areas	27
4331/00– 1424, 1425, 1213, 1992, 1985	Corse, Bonifacio Strait: Nature reserve; Restricted areas	25
4332/00– 1211	Italy, Sardegna, NE. coast, Capo Ferro Northwards to Golfo di Congianus: Marine nature reserve; Restricted areas	25
4634/00– 2573, 2574, 183	Mediterranean Sea, Egypt, Approaches to Bûr Sa‘îd: Platforms; Pipelines	24
567/01– 3316, 3311, 2233	Black Sea, Russia, Novorossiyskaya Bukhta: Restricted area; Anchorage areas; Routes	31
1100/01– 1990	Mediterranean Sea, Italy, Sardegna, S. & W. coasts, Golfo di Cagliari and Golfi di Oristano: Marine nature reserves; Regulated area; Routeing; Anchorage areas; Pilot boarding places	25
1206/01– 1585, 1591, 2634	Mediterranean Sea, Israel: Buoyage	30

9. AFRICA, WEST COAST & SOUTH ATLANTIC

467/94– 627, 634, 638, 1197, 1216	Angola: Source data	34
1840/95– 3285, 3206, 604	Congo, Approaches to Pointe-Noire: Depths	34
4335/97– 2812, 1357, 3118	Africa, W. coast, Nigeria, Lagos to Bonny River: Submarine cable	34
2613/98– 863	Morocco, Port d’Anza and Port d’Agadir: Port development	20
821/00– 629, 3859	Africa, W. coast, Namibia, Walvis Bay: Buoy; Current meters	34
1060/00– 1862, 3118	Africa, W. coast, Nigeria, Benin River Northwards: Moored storage tanker	34
3689/00– 863	Africa, W. coast, Morocco, Approaches to Anza and Agadir: Oceanographic buoy	20
3691/00– 4203, 4209	South Atlantic Ocean and Africa, W. coast, Ascension Island: Eastsoutheastwards and Guinea Basin: Data buoys	34,35
3692/00– 1860, 1357	Africa, W. coast, Cameroon, Cap Bakasi Southwards, Rio del Rey: Buoyage	34
3791/00– 1980, 3648, 2478, 1362, 1363, 1364, 1365, 1147, 3139	Africa, W. coast, Liberia: Embargo	20,34
4525/00– 856, 3132	Africa, W. coast, Morocco, Rabat to Mohammedia: Restricted area	18,20
4526/00– 3859, 1806	Africa, W. coast, Namibia, Cape Cross Southwestwards: Current meters	34
4826/00– 604, 4203, 4209	Africa, W. coast, Zaire, River Congo Westnorthwestwards: Current meters; Buoy	34,35
4933/00– 2812, 1381, 1861, 1862	Africa, W. coast, Nigeria, Southwestern Approaches to Lagos: Single point mooring; Submarine pipeline; Restricted area	34
297/01– 1380	Africa, W. coast, Bénin, Port de Cotonou: Port developments; Dredged depth	34
770/01– 4136	Africa, SW. coast, South Africa, Port Nolloth: Depths	34
771/01– 4136	Africa, SW. coast, South Africa, Lambert’s Bay: Depths	34
974/01– 856	Africa W. coast, Morocco, Skhirat–Plage: Restricted area	20
1722/01– 861, 860, 856	Africa, W. coast, Morocco, Approaches to Casablanca: Restricted area	20

10. AFRICA, SOUTH & EAST COASTS, & MADAGASCAR

877/94– 642, 1003	Mozambique, Approaches to Porto da Beira: Dredged channel; Buoyage	36
144/95– 642, 649, 1003, 1811, 1816, 2089, 2937, 2938	Mozambique: Source data	36
3639/95– 1816, 2938	Mozambique, Porto Amélia (Baia de Pemba): Depths	36
287/00– 649	Africa, E. coast, Mozambique, Porto de Nacala: Depths; Buoyage	36
823/00– 643, 577, 3797	Africa, E. coast, South Africa, Approaches to Durban; Current meters; Restricted area	35
1485/00– 650, 2935	Africa, E. coast, Mozambique, Approaches to Porto de Quelimane: Buoyage	36
3155/00– 578, 2095	Africa, S. coast, South Africa, Agulhas Bank Eastwards: Buoy; Current meters	35
4527/00– 671, 2952	Africa, E. coast, Somalia, Muqdisho (Mogadishu): Port closure; Pilot boarding place	36
879/01– 2078, 3797, 2082, 2083, 2085, 2087, 2088, 2091, 3869, 3870, 578, 632, 2095	Africa, W. and S. coasts, Namibia and South Africa, Orange River to Durban: Offshore underwater obstructions	34,35

11. RED SEA, ARABIA, IRAQ & IRAN

3014/93– 3842, 1235, 1265	Iraq, Shaţţ al Arab, Outer Bar Reach: Depths and Navigation Aids	40
3982/97– 3411	Arabia, United Arab Emirates, Dubai Dry Dock: Depths	40
2742/99– 3521, 2837, 2851	Arabia, Gulf of Oman, United Arab Emirates, Fujairah Eastsoutheastwards: Submarine cable	40
2818/99– 3713, 3715, 3177	Arabia, United Arab Emirates, Abu Dhabi (Abū Ḥaby), Mīnā’ Zāyid: Dredging	40
3454/99– 3715	Arabia, United Arab Emirates, Abū Ḥaby, Approaches to Umm an Nār: Refinery, Buoyage; Light–beacons; Power transmission line	40

II

11. RED SEA, ARABIA, IRAQ & IRAN – continued

4137/99–	3786, 3787, 3950	Arabia, Qatar, Doha: Reclamation; Hydrography; Offshore island; Causeway	40
2130/00–	3043, 2375	Red Sea, Egypt, Safâga: Leading line; Lights; Buoyage; Light–beacons	32
3355/00–	3790, 2886	Arabia, Bahrain Southwards, Dawh̄t Salwâ: Depths; Aids to navigation	40
3356/00–	3796, 3792, 3798, 3790	Arabia, Bahrain, Minâ Salmân and Approaches: Reclamation;	40
	2886	Port developments; Depths; Aids to navigation; Wrecks; Obstructions;	
		Submarine power cables; Restricted areas	
4038/00–	171, 141	Red Sea, Eritrea, Dahlak Bank, South Mits’iwa Channel: Depths	32
4635/00–	2896	Arabia, Oman, Port Salalah (Minâ Raysût): Wreck	32
432/01–	1223, 3773	Kuwait, Minâ’ Ash Shu’aybah, Minâ’ Abd Allâh and Minâ’ Al Aḥmadî:	40
		Submarine pipelines; Aids to Navigation; Anchorage areas; Restricted	
		areas; Berth numbers; Pilot boarding places; Lights	
1207/01–	3410, 3412, 3175, 3176	United Arab Emirates, Shārjah (Ash Shāriqah): Dredging; Depths	40

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

2022/96–	61, 39, 38	Pakistan, Port Muhammad Bin Qasim and Approaches to Karachi: Depths;	41
		Lights; Rock	
1975/98–	492	India, W. coast, Mormugao: Depths	41
2317/98–	84, 859	Bangladesh, Approaches to Chittagong, Patenga Point Northwestwards,	43
		Karnaphuli River: Depths; Dredged channel	
1342/99–	3464	India, W. coast, Redi Anchorage: Depths; Rocks	41
1943/99–	3460	India, W. coast, Porbandar: Breakwater; Boulders	41
2414/99–	2069	India, E. coast, Negapattinam Northwards, Tranquebar: Works	43
4310/99–	1495, 1497	Indian Ocean, La Réunion, Baie de Saint–Paul; Marine farm; Buoyage	38
4405/99–	38	Pakistan, Gwadar, East Bay: Jetties; Buoyage	41
359/00–	492	India, W. coast, Mormugao: Dredged areas; Depths; Turning circle;	41
		Buoyage	
946/00–	732, 859	Bangladesh, Approaches to Pussur River, Zalfiquar Channel: Buoyage,	43
		Depths	
1292/00–	1495	La Reunion, N. coast, Cap Bernard: Buoy	38
2331/00–	672, 43	India, W. coast, Gulf of Kachchh, Sikka Creek: Lighterage area;	41
		Transshipment area; Anchorage area	
3158/00–	711, 689, 4700	Mauritius: Fish aggregating devices	38
3694/00–	3581	India, S. coast, Tuticorin Harbour and Approaches: Depths;	42
		Navigational aids; Anchorage areas; Works; Pilot boarding place	
3951/00–	2744	Indian Ocean, Comores, Île Pamanzi, Baie de Pamanzi:	36
		Tanker mooring buoy	
4827/00–	2744, 2741	Indian Ocean, Comores, Île Mayotte, Pte de Longoni Westwards to	36
		Cap Douamougno Northeastwards and Pte Accua Westwards: Depths;	
		Light–beacons; Anchorage areas	
298/01–	3464, 1509	India, W. coast, Binge Bay: Dredging; Depths	41
568/01–	40	Pakistan, Karachi Harbour, Upper Harbour and Bunker Island: Wrecks	41
772/01–	59, 61	Pakistan, Port Muhammad Bin Qasim and Approaches: Buoyage;	41
		Maintained channel; Light–beacons; Lights	
1208/01–	2744, 2741	Indian Ocean, Comores, Île Mayotte, Pte Kongo Eastwards to	36
		Pte Dapani: Depths; Rocks; Nature reserves; Buoyage	
1209/01–	1487, 2736	India, W. coast, Southwestern Approaches to Bombay: Obstructions	41
1210/01–	3700, 813, 1587	Sri Lanka, W. coast, Southern Approaches to Colombo, Panadura:	42
		Restricted areas	
1419/01–	1497, 4713	Indian Ocean, Approaches to La Réunion: Fish aggregating devices	38, 35

13. MALACCA STRAIT, SINGAPORE STRAIT & SUMATERA

1765/00–	3949, 1358, 3482	Singapore Strait and South China Sea, Singapore Strait to Peninsular	45,46,47
		Malaysia, E. coast, Selat Durian, Selat Pendelap and P. Tinggi Eastwards:	
		Submarine cable	
1101/01–	770, 3543, 2414, 3482	Peninsular Malaysia, E. coast, and South China Sea, Kuantan New Port	47
		Northwards to Vanguard Bank Westwards: Submarine cable	
1211/01–	2556, 2569, 2585, 3831,	Singapore Strait to South China Sea, South Changi to Vanguard Bank	45,46,47
	3833, 3949, 1371, 2403,	Southwards: Submarine cable	
	1311, 3543, 1312, 2414,		
	3482		
1306/01–	780	Singapore Strait, Singapore, Tuas View Southwards: Reclamation; Works;	45
		Light–beacons; Buoyage; Anchorage area	
1886/01–	2570, 3833	Singapore Strait, Singapore, Pulau Sudong Southwestwards:	45
		Anchorage area; Buoyage	

14. CHINA SEA WITH ITS WEST SHORE & CHINA

157/96–	1016	China Sea, Vietnam, Song Sai Gon, Vung Tau: Buoyage	47
1777/97–	3620, 3646, 3647	China, S. coast, Zhu Jiang: Depths; Channels; Navigational aids;	49
		Port developments	
2122/97–	3724	China Sea, Gulf of Thailand, Ao Rayang, Ma Ta Phut: Port developments	47
2415/99–	2409, 3231, 3232	China Sea, Tai–wan, W. coast, Yung–An LNG Terminal to Hung–hsiao:	50
		Submarine pipeline	
2517/99–	2619	China Sea, T’ai–wan, N. coast, Approaches to Chi–ling: Depths	50
2518/99–	2619	China Sea, T’ai–wan, N. coast, Shen–Ao: Port developments	50

II

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

3214/99– 3482	China Sea, South China Sea, Belida Oil Terminal Northnorthwestwards	47,48
	Offshore installations	
3648/99– 3988	China Sea, Vietnam, E. coast, Qui–Nhon: Harbour developments	47
4035/99– 3875	China Sea, Gulf of Tonking, Vietnam, Approaches to Haiphong: Wrecks	47
4494/99– 3279	China, SE. coast, Hong Kong, Fat Chau Tou, Tathong Channel: Works	47
4495/99– 341, 3026	China, SE. coast, Zhujiang Kou, Qingzhou Shuidao: Wreck	47, 50
452/00– 3280	China, SE. coast, Hong Kong, Western Dangerous Goods Anchorage:	
	Outfall	47
827/00– 1555	China, SE. coast, Approaches to Zhujiang Kou, Gaolan Liedao Eastwards:	47
	Wreck	
947/00– 1918	China, SE. coast, Hong Kong, Heung Kong Tsai Wan: Depths; Submarine	47
	power cable; Harbour developments	
1061/00– 343	China, SE. coast, Zhujiang Kou, Chiwan: Jetty	49
1169/00– 3231, 3658	T'ai–wan, W. coast, Kuo Kang Oilfield: Oil field abandonment	50
1619/00– 343	China, SE. coast, Zhujiang Kou, Chiwan and Shekou: Anchorages;	49
	Buoyage; Port developments	
1692/00– 1555	China, S. coast, Hailingshan Gang: Lights; Port developments;	47
	Light–beacons	
1693/00– 3893	China, S. coast, Hai–nan Tao, Sanya: Port developments; Leading lines;	47
	Buoyage	
1766/00– 3892	China, S. coast, Hainan Dao, Chengmai Wan, Macun: Port developments	47
1767/00– 2400	China, E. coast, Min Jiang: Depths; Lights; Restricted areas;	50
	Port developments	
1858/00– 769, 770, 1348, 1371, ...	China Sea, Peninsular Malaysia, Mersing Southeastwards, Pulau–Pulau	47,48
	Anambas to North Luconia Shoals Westwards: Submarine cable	
1859/00– 1372	China, SE. coast, Shanwei: Depths, Buoyage, Leading lights, Port	50
	developments	
1860/00– 1429	China, E. coast, Chou Shan, Shen–Chia–Men and approaches: Depths;	50
	Lights;	
1941/00– 1124, 1199	China, E. coast, Zhoushan Qundao and Hangzhou Wan: Lights; Submarine	50
	cable; Port developments	
2040/00– 344, 346	China, S. coast, Zhu Jiang, Nizhou Shuidao: Channel; Buoyage; Depths;	49
	Leading lights; Mooring buoys; Port developments	
2131/00– 37	China, S. coast, Hainan Dao, Haikou: Depths; Port developments; Channel	47
2133/00– 1767	China, E. coast, Taiwan Strait, Yuanzhui Jiao to Zhenhai Jiao: Depths;	50
	Wrecks; Obstructions; Fish traps and nets; Lights	
2134/00– 1721, 1754, 1761	China, Dong Hai, Mazu Liedao to Beijishan Liedao: Depths; Wrecks;	50
	Lights; Radar beacons; Fishing stakes and nets	
2238/00– 939	China, SE. coast, Tai Pang Wan (Mirs Bay), Approaches to Haiguan area:	50
	Anchorage; Buoyage; Jetties	
2240/00– 1260	China, Yellow Sea, Yantai, East Channel: Passage Prohibited;	52
	Restricted area; Buoyage	
2531/00– 1918, 3026, 1555, 1962, ...	China, SE. coast, Hong Kong Island Southwards and Eastwards,	47,48,50
	Tunk Pok Lui Hoi Hap, Sheung Sz Mun and Dangan Shuidao: Submarine	
	cable	
2732/00– 3544	China, SE.coast, Tai Pang Wan (Mirs Bay), Yantian Gang:	50
	Port development; Depths	
4529/00– 41	China, S. coast, Approaches to Beihai Gang: Restricted areas	47
4532/00– 3449, 1767	China, SE. coast, Approaches to Xiamen Gang: Channel	50
4636/00– 343	China, SE. coast, Zhujiang Kou, Neilingding Dao: Restricted area	49
4738/00– 1763, 1721	China, E. coast, Wenzhou Wan, Heiniu Wan, Anchorage areas;	50
	Restricted area	
4934/00– 2556, 2569, 2585, 3831, ...	South China Sea, Singapore to Malaysia, South Changi to	45,46,47
	Kuantan New Port Northwards: Submarine cable	
	1311, 3543, 1312, 2414,	
	3482	
5039/00– 341, 937, 3026, 1555, ...	China, SE. coast, Hong Kong, Tai Yue Shan (Lantau Island), S. coast,	47,48,50
	Tong Fuk Southeastwards to Dadanwei Shuidao Southwards and Eastwards:	
	Submarine cable	
217/01– 1918, 937	China, SE. coast, Hong Kong, Pok Liu Chau, Ha Mei Wan, Po Lo Tsui	47,50
	Southwards, Approach channel: Dredging	
299/01– 1919	China, SE. coast, Hong Kong, Castle Peak Bay Southwards, Tuen Mun	47
	Immigration Anchorage: Works; Depths	
433/01– 854, 1760, 1962, ...	China, SE. coast, Approaches to Shantou, Qiwang Wan Southwards:	48,50
	Submarine cable	
435/01– 1253, 1254	China, E. coast, Yellow Sea, Approaches to Qingdao: Restricted areas	52
436/01– 1255, 1256	China, E. coast, Yellow Sea, Liaodong Bandao Southeastwards:	52
	Restricted areas; Lights	
569/01– 3349	China, S. coast, Approaches to Zhanjiang: Fairway; Buoyage; Anchorage	47
	area; Pilot boarding place	
880/01– 3658, 1761, 1968, 3236	T'aiwan N. coast, Tanshui Northwards and Eastwards: Submarine cable	50, 53
	2412	
976/01– 3694	China, Yellow Sea, Dalian Gang and Approaches: Depths; Restricted areas;	52
	Lights; Buoyage; Channels; Port developments	
977/01– 3480, 2412	China, E. coast and East China Sea, Chongming Dao Eastwards and	52, 53
	Southeastwards: Submarine cable	

II

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

1102/01–	854, 1760, 1962, 1968	.. China, SE. coast, Approaches to Shantou, Qiwan Wan Southwards:	48,50
	3489	Submarine cable	
1212/01–	341, 3026, 1555, 3488	.. China, SE. coast, Hong Kong to Hainan Dao Eastwards, Tai Yue Shan	47,48,50
	3489	(Lantau Island), S. coast, Wanshan Qundao and Helen Shoal Northwestwards:	
		Submarine cable	
1307/01	3480, 2347, 2412	.. China, E. coast and East China Sea, Chongming Dao Eastwards and	52,53
		East-southeastwards: Submarine cable	
1520/01–	1767, 1760	.. China, E. coast, Jinmen Dao: Routeing measures; Restricted area	50
1521/01–	2400, 1754, 1761	.. China, E. coast, Mazu Liedao: Routeing measures; Restricted areas	50

15. JAPAN

4637/98–	1304	.. Honshū, NW. coast, Kanazawa Kō: Works	55
527/99–	1341	.. Honshū, N. coast, Aomori: Shoaling	55
1244/99–	695, 3605	.. Honshū, S. coast, Seto Naikai, Mizushima: Depths	54
1399/99–	2279	.. Seto Naikai, Ōsaka and Amagasaki: Depth	54
1573/99–	2279, 2287, 3614	.. Seto Naikai, Ōsaka Kō: Depth	54
1755/99–	3881, 1527	.. Kyūshū, W. coast, Approaches to Sasebo, Terashima Suidō: Depths	53
1858/99–	695	.. Honshū, S. coast, Seto Naikai, Mizushima: Depths	54
1859/99–	1388, 1390	.. Honshū, NW. coast, Akita: Restricted area	55
1946/99–	1390	.. Honshū, NW. coast, Approaches to Niigata Kō: Platform	55
2633/99–	3372	.. Honshū, E. coast, Soma Kō: Depths	55
2634/99–	3374	.. Honshū, E. coast, Kamaishi Wan: Restricted area	53,55
2635/99–	1341	.. Honshū, N. coast, Aomori, No1 and No2 Areas: Works	55
2820/99–	1388	.. Honshū, NW. coast, Approaches to Akita: Restricted area	55
2936/99–	3153	.. Seto Naikai, Approaches to Mitajiri Kō: Breakwater construction works	54
2939/99–	1388	.. Honshū, NW. coast, Niigata: Works	55
3303/99–	1527, 359	.. Kyūshū, W. coast, Gotto Retto, Nakadori Shima Eastwards: Depths	53
3533/99–	1301	.. Honshū, NW. coast, Approaches to Hagi, Hitsu Shima: Depth	55
4036/99–	2265	.. Seto Naikai, Ōsaka Wan, Approaches to Kōbe: Traffic restriction	54
4138/99–	2265, 2279	.. Seto Naikai, Ōsaka Wan, Sakai South Fairway: Depths	54
4139/99–	2265	.. Seto Naikai, Ōsaka Wan, No 3 Area: Rokkō Island Southwards: Depths	54
4230/99–	2265, 2279, 2287, 3614	.. Seto Naikai, Ōsaka Wan, Kobe Kō and Ōsaka Kō: Buoyage; Routeing	54
453/00–	676	.. Kyūshū, Hososhima: Depths; Port developments	53
948/00–	2279	.. Seto Naikai, Ōsaka, Inner Harbour, No 4 Area: Depths; Buoyage; Port	54
		developments	
2041/00–	3472	.. Seto Naikai, Kure: Oyster farms, Depths; Fish havens; Port developments	54
2332/00–	1324	.. Honshū, NW. coast, Approaches to Tottori Kō: Depths	55
2427/00–	3602, 3603	.. Seto Naikai, Kudako Suidō: Wreck	54
3165/00–	995	.. Shikoku, South coast, Kōchi Kō, Kōkadai westwards: Depths	53
3625/00–	3881	.. Kyūshū W. coast, Terashima Suidō, Tera Shima: Works	53
3871/00–		.. Transfer of Admiralty Charts to World Geodetic System 1984 Datum	–
4040/00–	1813	.. Hokkaidō, SE. coast, Hanasaki: Depths	55
4124/00–	1342	.. Honshū, NW. coast, Shinminato: Depths; Port developments	55
4210/00–	3115	.. Kyūshū, N. coast, Hakata Kō: Dredging; Buoyage	53
4338/00–	3110	.. Honshū, S. coast, Tōkyō, Tōkyō Ku, No 4 Area: Shoaling	53
4533/00–	640	.. Seto Naikai, Approaches to Naruto Kaikyō: Depths	54
4637/00–	1815	.. Hokkaidō S. coast, Kushirō Kō: Breakwater; Depths; Reclamation	55
5040/00–	1340	.. Honshū, N. coast, Tsugaru Kaikyō: Depth	55
218/01–	1578, 3225	.. Eastern Approaches to Kanmon Kaikyō: Recommended tracks	53,54
300/01–	3108, 3548	.. Honshū, S. coast, Tōkyō Wan, Diasan Kaiho: Works; Restricted area	53
570/01–	2279	.. Seto Naikai, Ōsaka, Inner Harbour and No 8 Area: Restricted areas;	54
		Depths; Obstructions	
978/01–	1578, 524	.. Honshū, Kanmon Kō, Kurd Saki Northwestwards: Rock	53
1308/01–	3615	.. Shikoku, Kii Suido, Komatsushima and Tokushima: Quays; Channels;	54
		Reclamation	
1309/01–	3615	.. Honshū, S. coast, Kii Suido, Wakayama: Breakwater; Jetty; Reclamation	54
1522/01–	532, 3514	.. Kyūshū, N. coast, Genkai Nada, Kurinokami Shō Westwards: Wreck	53
1798/01–	2959	.. Honshū, E. coast, Hachinohe: Depths	55
1887/01–	1578	.. Honshū, SW. coast, Mutsurejima Ku: Restricted area; Works	53

16. KOREA & THE PACIFIC COASTS OF RUSSIA

3627/92–	1316, 1257	.. Korea, E. and W. coasts: Traffic Separation Schemes	56,52
2189/94–	54	.. Korea, NE. coast, Wonsan: Anchoring & Fishing prohibited area	56
113/98–	2161, 3041, 2128, 3198,	.. Russia, Pacific coast: Restricted areas; Anchorages; Traffic	55,56,92
	2432, 3340, 2293, 4512,	management schemes	
	4813, 4814		
2049/99–	3365	.. Korea, SW. coast, Haenam to Cheju-do and Shinjido to Ch'ongsando:	52
		Restricted area	
3121/99–	913, 3365	.. Korea, W. coast, Southern Approaches to Mokp'o, Sia Hae: Depths	52
4140/99–	913	.. Korea, W. coast, Hōsa Kundo Northeastwards: Depth	52
212/00–	3391	.. Korea, S. coast, Samch'ongp'o Southwestwards, Bridge under construction	52
454/00–	1065	.. Korea, S. coast, Approaches to Masan, Haengam Man: Harbour limit; Port	52
		developments; Anchorage areas	
455/00–	1065	.. Korea, S. coast, Approaches to Pusan, Suyong Man: Depths	52
707/00–	1259	.. Korea, S. coast, Masan: Submarine pipeline; Buoyage	52

II

16. KOREA & THE PACIFIC COASTS OF RUSSIA – continued

1171/00–	898	Korea, S. coast, Approaches to Ulsan Man: Obstruction; Restricted area . . .	52
2954/00–	896, 1065, 2415, 3666, . .	Korea to Japan, Pusan through Korea Strait to Danjo Banks:	52,53
	127, 359, 3480	Submarine cable	
4339/00–	1270	Korea, W. coast, Approaches to Inch'on Hang, Haerido Eastwards: Wreck .	52
4534/00–	896, 1065, 2415, 3666, . .	Korea, S. coast, Southern approaches to Pusan, Korea Strait and	52,53
	127, 359, 3480, 2347, . .	Danjo Banks: Submarine cables	
	2412		
219/01–	3390	Korea, S. coast, Kwangyang Hang, Kwangyang Man: Channel; Buoyage; .	52
		Wharf; Light	
1213/01–	3365, 3480	Korea, SW. coast, Sohüksando Southwards: Data buoy	52
1420/01–	127	Korea, S. coast, Korea Strait: Dredging area	53

17. PHILIPPINE ISLANDS, BORNEO & INDONESIA EXCEPT SUMATERA

3013/97–	1943	Borneo, NW. coast, Sarawak, Kuala Paloh, Muara Seredeng and	48
		Muara Lassa: Hydrography; Beacons	
322/99–	976	Philippine Islands, Luzon, W. coast, Manila Harbour:	48
		Port developments; Depths	
1001/99–	3193	Philippine Islands, Cebu, Cebu Harbour: Port developments; Depths	58
1481/99–	3559, 976, 3816, 3806 . .	Philippine Islands, Luzon, W. coast, Nasugbu westwards: Submarine cable	48
3030/99–	1943, 1945	Borneo, NW. coast, Sarawak, Kuala Paloh to Sibul: Lights	48
1063/00–	3558, 971, 3816, 3817, . .	Cadlao Oilfield to Batangas: Submarine pipeline	48
	3819, 3820, 3821, 3807, . .		
	967, 3489, 943, 2660B		
2138/00–	3559, 976, 3816, 3806 . .	Philippine Islands, Luzon, W. coast, Nasugbu Westwards: Submarine cable .	48
4638/00–	3559, 976, 3816, 3806 . .	Philippine Islands, Luzon, W. coast, Nasugbu Westwards: Submarine cable .	48
979/01–	1949, 3838	Borneo, NW. coast, Sarawak, Kuala Baram, Tanjung Northwestwards:	48
		Channel; Buoyage	
980/01–	1949, 3838	Borneo, NW. coast, Sarawak, Miri: Channel; Beacon; Reclamation; Lights	48
		Leading lines	

18. AUSTRALIA & PAPUA NEW GUINEA

2641/97–	Aus 167	Tasmania, Port Dalrymple: Depth	65
177/98–	Aus 680	Papua New Guinea, New Britain, Rabaul, Simpson Harbour: Siltation	67
2226/98–	Aus 256, Aus 257	Queensland, Townsville, Breakwater Marina Channel: Shoaling	66
3193/98–	Aus 157, Aus 158	Victoria, Port Phillip, Coles Channel: Beacon	65
4754/98–	Aus 249	Queensland, Hay Point: Obstruction	66
2051/99–	Aus 26	Northern Territory, Darwin, Middle Arm: Obstruction, Buoyage	63
4234/99–	Aus 380, 4604, Aus 4620	Papua New Guinea, Rothery Passage: Light–beacon	66,67
	4621		
4236/99–	Aus 523	Papua New Guinea, Lae: Depth	67
4238/99–	Aus 399, Aus 461, ...	Papua New Guinea, Bougainville Island: Lights	63,67,68
	Aus 683, 4060, 4604, ...		
	4622		
4239/99–	Aus 462, 4604, 4622	Papua New Guinea, Manus Island: Lights	67
4594/99–	Aus 143, Aus 158	Victoria, Port Phillip, South Channel: Depths	65
140/00–	Aus 58, Aus 59	Western Australia, Dampier, Service Wharf: Depth	63
458/00–	Aus 154	Victoria, Port Phillip, Victoria Dock: Works	65
829/00–	Aus 250	Queensland, Hay Point: Depths	66
832/00–	Aus 154	Victoria, Port Phillip, Swanson Dock: Depth information	65
1293/00–	Aus 26, Aus 28	Northern Territory, Darwin, Fannie Bay: Shoaling	63
1404/00–	Aus 28	Northern Territory, Darwin: Depth information	63
1405/00–	Aus 172	Tasmania, Hobart: Depth information	65
1406/00–	Aus 143, Aus 158	Victoria, Popes Eye Bank: Shoaling	65
2043/00–	Aus 379, Aus 380, ...	Papua New Guinea, Redscar Bay to Port Moresby: Lights; Radar beacon . .	66,67
	Aus 621, 4604, 4621		
2044/00–	Aus 385, Aus 523, 4622	Papua New Guinea, Lae: Light	67
2045/00–	Aus 388, Aus 389	Papua New Guinea, Cape Girgir to Muschu Island: Lights	67
2046/00–	Aus 376, Aus 378, ...	Papua New Guinea, Daru to Bristow Island: Light–beacon; Light	66
	Aus 840		
2430/00–	Aus 173	Tasmania, D'Entrecasteaux Channel, Snake Island: Marine farm	65
2735/00–	Aus 250	Queensland, Mackay: Depth	66
2737/00–	Aus 372, Aus 828	Queensland, Pith Reef: Scientific instrument	66
2738/00–	Aus 373, Aus 831	Queensland, Lark Reef: Scientific instrument	66
3626/00–	Aus 81	Western Australia, Geraldton, Breakwater; Light	64
4340/00–	Aus 113	Western Australia, Fremantle: Depth information	64
4535/00–	Aus 247	Queensland, Port Alma: Depth information	66
4536/00–	Aus 252, Aus 370	Queensland, Whitsunday Passage: Wreck	66
4537/00–	Aus 371	Queensland, Cape Upstart: Scientific instrument	66
4538/00–	Aus 829	Queensland, Mourilyan: Depth information	66
4540/00–	Aus 4	Queensland, Weipa: Depth information	63
4541/00–	Aus 157	Victoria, Port Phillip, Point Richards Channel: Light–beacons	65
4639/00–	Aus 373, Aus 831	Queensland, Cowrie Point: Wreck	66
4935/00–	Aus 235, Aus 236, ...	Queensland, Morton Bay and Brisbane River: Depth information	66
	Aus 237, Aus 238		
4936/00–	Aus 236	Queensland, Morton Bay, Redland Bay: Buoy	66

II

18. AUSTRALIA & PAPUA NEW GUINEA – continued

4939/00–	Aus 373, Aus 831	Queensland, Great Barrier Reef, Morning Reef: Scientific instrument.	66
4940/00–	Aus 373, Aus 831, Aus 832	Queensland, Cape Flattery: Wreck	66
4941/00–	Aus 312	Western Australia, Shaul Banks: Data buoy	60
4942/00–	Aus 327	Western Australia, North Rankin: Data buoy	63
4943/00–	Aus 328, Aus 329	Western Australia, North West Cape: Data buoy	63
4944/00–	Aus 109	Western Australia, Albany: Harbour developments	64
114/01–	Aus 256	Queensland, Magentic Island, Bright Point: Works	66
115/01–	Aus 366	Queensland, Facing Island, North Point: Wreck	66
221/01–	Aus 243	Queensland, Bundaberg: Depth information	66
222/01–	Aus 244, Aus 245, Aus 246	Queensland, Gladstone: Depth information	66
224/01–	Aus 327, Aus 415, Aus 741	Western Australia, Glomar Shoal: Scientific instruments	63
225/01–	Aus 330, Aus 331, Aus 332, Aus 333, Aus 335, Aus 347, Aus 348	Western Australia, South Australia and Victoria: Lobster fishery	63,64,65
438/01–	Aus 327, Aus 415	Western Australia, Dampier Archipelago: Oil field development	63
572/01–	Aus 367	Queensland, Great Keppel Island: Wreck	66
575/01–	Aus 328, Aus 329	Western Australia, North West Cape: Scientific instruments	63
773/01–	Aus 371	Queensland, Cape Bowling Green: Wreck	66
1103/01–	Aus 4, Aus 236, Aus 247, Aus 249, Aus 256, Aus 364, Aus 365, Aus 829, Aus 830	Queensland, Point Danger to Weipa: Scientific instruments	63,66
1105/01–	Aus 112, Aus 754	Western Australia, Jurien Bay to Cape Naturaliste: Scientific instruments	64
1310/01–	Aus 249, Aus 250	Queensland, Hay Point: Depth; Buoy	66
1312/01–	Aus 262, Aus 830	Queensland, Cairns: Depth information	66
1723/01–	Aus 235, Aus 236, Aus 237, Aus 238	Queensland, Moreton Bay and Brisbane River: Depth information and keel clearances	66
1724/01–	Aus 238	Queensland, Brisbane River, Aquarium Passage: Wreck	66
1725/01–	Aus 259, Aus 828	Queensland, Lucinda: Obstruction	66
1726/01–	Aus 143, Aus 157	Victoria, Port Phillip, Werribee: Beacons; Restricted area	65
1888/01–	Aus 197, Aus 359, Aus 360, Aus 361, Aus 362, Aus 363, Aus 364	New South Wales, Green Cape to Point Danger: Scientific instruments	65,66
1889/01	Aus 249	Queensland, Mackay: Wreck	66
1890/01–	Aus 256, Aus 257	Queensland, Townsville: Depth information	66
1891/01–	Aus 293, Aus 299	Queensland, Thursday Island: Light	66

19. NEW ZEALAND

2836/00–	4640, 4060, 4061, 4065, 4600	South Island, E. coast, Chatham Rise: Research instruments	63,71,73
4740/00–	NZ 68, NZ 681	Stewart Island, Half Moon Bay: Wreck	72
226/01–	NZ 63, NZ 6321	South Island, Lyttelton Harbour: Beacon; Submarine pipelines; Submarine cable; Restricted area; Lights; Marine farm	72
439/01–	NZ 61	South Island, N. coast, Tasman Bay: Fishing equipment	71
1108/01–	4060, 4061, 4600	Bounty Islands Northwards and Southwards: Research moorings	63,71,73
1214/01–	NZ 66, NZ 661	South Island, E. coast, Otago Peninsula: Research instruments	72
1313/01–	NZ 51, NZ 52, NZ 53, NZ 521, NZ 522, NZ 531, NZ 532	North Island, E. coast: Buoy, Research instruments	71
1314/01–	NZ 53, NZ 54	North Island, E. coast, Bay of Plenty: Research Moorings	71
1523/01–	NZ 46, NZ 62, NZ 463	Cook Strait to Christchurch: Submarine cables	71,72

20. PACIFIC OCEAN

2478/95–	1570	Vanuatu: Fish Aggregating Devices	68
2302/97–		Pacific Ocean, Autonomous Temperature Line Acquisition System (ATLAS): Buoyage	68,70,73, 88
1446/98–	979, 4624	Melanesian Basin, Nauru: Fish aggregating devices	68,70,73
432/99–	1375	Archipiélago de Colón, Isla Isabela, Cabo Rosa: Volcanic activity	88
1487/00–	1670, 2691	Fiji, Viti Levu, Nadi Waters, Mololo Lailai Island: Light	70
1771/00–	762, 4622, 4506, 4507, 4604	Caroline Islands to Solomon Islands: Data buoys	57,59,67
2242/00–	968, 4631, 4632	Îles Wallis and Îles Futuna: Fish havens	70
4041/00–	3994, 3995, 3996, 3997, 3998, 4623, 4634	Solomon Islands: Fish aggregating devices	68
4946/00–	935, 936	Nouvelle-Calédonie: Fish havens	68
774/01–	378, 381, 382, 387, 440, 441, 744, 745, 746, 1673, 1674, 1682, 2691	Fiji Islands: Fish aggregating devices	70
1421/01–	1103, 1382, 1060, 998, 4653, 4657	Polynésie Française, Îles de la Société: Fish havens	73

II

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

2434/00–	1944	Mexico, W. coast, Puerto Lazaro Cardenas: Port developments	89
227/01–	46, 47, 76, 75, 1947	Washington, Puget Sound and Juan de Fuca Strait, Norma Beach to Slip Point Northwards: Submarine cable	90
1215/01–	4982, 3363, 3364, 1499	Alaska, Prince William Sound: Traffic Separation Scheme; Pilot boarding place	92

22. WEST COASTS OF CENTRAL AND SOUTH AMERICA

1268/98–	660	Nicaragua, Approaches to Corinto: Buoyage; Depths; Leading lights	89
3792/00–	3089, 3092	Peru, Approaches to Bahía de Paita: Traffic separation scheme	98
3794/00–	3084, 3091	Peru, Puerto San Martin: Traffic separation scheme	98
3795/00–	3090	Peru, Approaches to Puerto Ilo: Traffic separation scheme	98
5041/00–	1853, 3091	Peru, Bahía del Callao: Traffic separation scheme	98
1315/01–	560	Ecuador, Estero Salado: Buoyage	98
1422/01–	3089, 3092	Peru, Approaches to Bahía Talara: Traffic Separation Scheme	98
1423/01–	3091, 3092	Peru, Approaches to Salaverry: Traffic Separation Scheme	98
1424/01–	3083, 3091	Peru, Approaches to Bahía Ferrol: Traffic Separation Scheme	98
1425/01–	3090	Peru, Approaches to Bahía San Nicolás: Traffic Separation Scheme	98

23. ANTARCTICA

1869/99–	3202	South Shetland Islands, Deception Island, Port Foster: Sub-surface instruments	97
459/00–	3597	South Georgia, Approaches to King Haakon Bay, Cape Rosa: Breakers	96

24. EAST COAST OF SOUTH AMERICA & THE FALKLAND ISLANDS

634/99–	397	South America, E. coast, Brazil, N. coast, Approaches to Porto de Belém, Ilha do Barra Westwards, Ilha do Cruzador: Shoaling	95
4039/99–	1614	Falkland Islands, E. Falkland Island, Stanley Harbour, FIPASS: Alongside depths	96
460/00–	431	South America, E. coast, Brazil, S. coast, Approaches to Porto de Sepetiba: Buoyage	95
461/00–	397, 3959	South America, E. coast, Brazil, N. coast, Rio Para Approaches: Buoyage; Radar beacon	95
1172/00–	3813, 3107	South America, E. coast, Argentina, E. coast, Puerto Gallegos and Approaches: Lights; Leading lines; Beacons; Depths	96
2955/00–	231, 3968	South America, E. coast, Brazil, S. coast, Baía de Paranaguá, Paranaguá to Antonia: Buoyed channels; Anchorage areas	95
3358/00–	2508, 2560, 2561	Falkland Islands, E. Falkland Island, Low Bay: Depths; Rock	96
3873/00–	530	South America, E. coast, Brazil, S. coast, Paranaguá Southeastwards: Fish aggregating devices	95
4127/00–	969	South America, E. coast, Brazil, E. coast, Porto de Recife: Depths	95
228/01–	550	South America, E. coast, Brazil, S. coast, Approaches to São Francisco do Sul: Buoyage; Depths; Works	95
667/01–	526, 3955, 3957, 528	South America, Brazil, N. coast, Fortaleza Northwestwards: Submarine cables	95
668/01–	2189	South America, E. coast, Brazil, Rio Amazonas, Baía de Macapá: Shoal bank; Depths	95
981/01–	231	South America, E. coast, Brazil, S. coast, Approaches to Porto de Paranaguá, Canal da Galheta: Dredging; Buoyage	95
1799/01–	3971	South America, E. coast, Brazil, E. coast, Approaches to Macaé: Depths	95

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

590/89–	2626, 1225	Gulf of Mexico, Gulf of Campeche, Cayo Arcas: Ships' Routeing System	83
2403/92–	2009, 1217, 3866, 2579	West Indies, Cuba, N. coast: Causeway constructed	83, 84
1116/97–	1525	Venezuela, Lago de Maracaibo, Cabinas and La Salina: Dredged channels; Depths; Submarine pipelines; Aids to navigation	87
1117/97–	1519	Venezuela, Puerto Miranda: Dredged channels; Depths; Anchorage area; Aids to navigation	87
2798/98–	2191	Venezuela, Bahía de Barcelona: Works	87
4638/98–	483	West Indies, Trinidad, Gulf of Paria, Boca Grande, Soldado Oilfield and Serpent's Mouth: Buoyage; Well	87
230/99–	1330	Venezuela, Gulf of Paria, Entrance to Rio San Juan: Lights; Buoyage; Channels; Floating logs	87
2946/99–	1525	Venezuela, Lago de Maracaibo: Wreck	87
3123/99–	494, 371, 594, 956	West Indies, Martinique: Fish havens	87
950/00–	254, 585, 593, 955, 2600	West Indies, Leeward Islands, Montserrat: Volcanic activity	86, 87
1299/00–	1517, 1519	Venezuela, Approaches to Lago de Maracaibo: Wreck; Buoyage; Light-beacons, Pontoons	87
3272/00–	502	West Indies, Barbados, Bridgetown Harbour and Approaches, Spring Garden Anchorage: Outfall; Buoyage; Submarine pipeline	87
4421/00–	482, 479, 484, 483	West Indies, Trinidad, West coast, Approaches to Port of Spain; Dredged depths; Works	87
4640/00–	799	West Indies, Windward Islands, Saint Vincent, SW. coast, Kingstown Bay: Jetty; Light; Wrecks; Landmark	87

II

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

4641/00– 2065, 2064	West Indies, Antigua, Saint John's Harbour: Depths; Buoyage;	
	Dredged areas	86
229/01– 1629, 2192	Venezuela, N. coast, La Guaira Westwards: Submarine cables	87
302/01– 371	West Indies, Martinique, W. coast, Bais de Fort-de-France: Buoy	87
303/01– 494	West Indies, Martinique, S. coast, Cul-de-Sac du Marin: Light-beacon; ...	87
	Buoy	
775/00– 1414	West Indies, Nederlandse Antillen, Bonaire: Depths	87
982/01– 491, 618	West Indies, Guadeloupe, Les Saintes, Terre-de-Haut,	87
	Passe du Pain de Sucre: Buoy	
1216/01– 3854, 3850	Gulf of Mexico, Texas, Flower Garden Banks and Stetson Bank:	83
	Restricted areas	
1892/01– 522	Belize, English Cay Channel and Belize Harbour: Buoyage	85

26. EAST COAST OF NORTH AMERICA & GREENLAND

213/00– 2755, 2860	New Jersey, Manasquan Inlet Eastwards; Submarine cable	81
1301/00– 3699	Florida, Port Everglades: Leading light-beacons	83
1408/00– 310	Saint Lawrence River, Bay Verte to Cap du Caribou and Baie-Comeau to	
	Pointe au Père: Submarine cables	79

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

IIA

This section contains chart-correcting notices issued by the Hydrographer RNZN for the Week(s) indicated below. Mariners are advised that only a selection of these notices have been included in the BA notices in the preceding section. Mariners requiring copies of Blocks or Notes not reproduced should apply to the appropriate Hydrographic Office. Mariners should note that information omitted from the BA version of a chart will be included in the next reprint of that chart. Chart correcting notices issued by the Hydrographer RAN are no longer repeated within this section as **all** notices for adopted Aus charts are included in Section II which precedes this page.

NEW ZEALAND WEEKLY EDITION 12 30 March 2001

NZ 81/01 NEW ZEALAND PUBLICATIONS – New Metric Charts To Be Published June 2001.

Chart	Title
NZ 69	Stewart Island / Rakiura
NZ 6912	Plans in Stewart Island / Rakiura Easy Harbour Port Pegasus / Pihihatiti Port Adventure and Lords River / Tutaekawetoweto

Land Information New Zealand

NI 57/2001.

NZ 84/01 SOUTH PACIFIC – Northern Cook Islands – Manihiki and Pukapuka – Airstrips.

Chart NZ 945 (plan, Manahiki) [NC Oct 95]

Insert	airstrip, double firm line, joining:	(a) 10° 22'·67S., 161° 00'·35W.
	legend, <i>Airstrip</i>	(b) 10° 23'·25S., 161° 00'·00W. close (a)-(b) above

– (plan, Pukapuka)

Insert	airstrip, double firm line, joining:	(c) 10° 55'·40S., 165° 50'·35W.
	legend, <i>Airstrip</i>	(d) 10° 55'·14S., 165° 49'·15W. close (c)-(d) above

Cook Islands Port Authority

NI 51/2001.

NZ 85/01 SOUTH PACIFIC – Southern Cook Islands – Atiu – Airstrip.

Chart NZ 955 (plan Atiu) [397/97]

Insert	airstrip, double firm line, joining:	(a) 19° 57'·97S., 158° 07'·33W.
	legend, <i>Airstrip</i>	(b) 19° 58'·25S., 158° 06'·57W. close (a)-(b) above
Delete	airstrip and associated legend, <i>Airstrip</i> , centred on:	20° 00'·20S., 158° 06'·32W.

Cook Islands Port Authority

NI 52/01.

NZ 86/01 SOUTH PACIFIC – Vanuatu – Epi Island – Shoal Depth

Chart NZ 14602 (INT 602) [328/00]

Insert	depth 28m enclosed by ○	(a) 16° 41'·0S., 168° 23'·0E.
Delete	depth 33m	close (a) above

Chart NZ 14604 (INT 604) [302/00]

Insert	depth 28m enclosed by ○	(a) 16° 41'·0S., 168° 23'·0E.
Delete	depth 33m	close (a) above

Japanese Notice 362/01.

To accompany Notice to Mariners 1839/01

On Chart 2621

DEPTHS

Depths within the area of this chart (including the maintained channel) are subject to siltation and liable to change. For the latest information, mariners are advised to consult the Port Authority.

On Chart 2624

DEPTHS

Depths within the area of this chart (including the maintained channel) are subject to siltation and liable to change. For the latest information, mariners are advised to consult the Port Authority.

On Chart 2627

DEPTHS

Depths within the area of this chart (including the maintained channel) are subject to siltation and liable to change. For the latest information, mariners are advised to consult the Port Authority.

To accompany Notice to Mariners 1894/01

On Chart 172

CHART 1941: POSITIONS
To agree with smaller scale chart 1941, which is referred to Castania Datum, positions read from chart 172 should be moved 0.05 minutes SOUTHWARD and 0.10 minutes EASTWARD.

On Chart 187

CHART 1941: POSITIONS
To agree with adjoining chart 1941, which is referred to Castania Datum, positions read from chart 187 should be moved 0.05 minutes SOUTHWARD and 0.11 minutes EASTWARD.

On Chart 951

CAUTION: CHARTS REFERRED TO WGS 84 DATUM
Caution must be exercised in the transfer of positions from this chart to those adjoining/ larger scale/ smaller scale charts which are referred to WGS 84 datum. For further details, including an example of the calculation of the WGS 84 position, see NM 3871(P)/00.

On Chart 992

CHART 1941: POSITIONS
To agree with smaller scale chart 1941, which is referred to Castania Datum, positions read from chart 992 should be moved 0.05 minutes SOUTHWARD and 0.10 minutes EASTWARD.

On Chart 994

CAUTION: CHARTS REFERRED TO WGS 84 DATUM
Caution must be exercised in the transfer of positions from this chart to those adjoining/ larger scale/ smaller scale charts which are referred to WGS 84 datum. For further details, including an example of the calculation of the WGS 84 position, see NM 3871(P)/00.

On Chart 1018

CHART 1941: POSITIONS
To agree with smaller scale chart 1941, which is referred to Castania Datum, positions read from chart 1018 should be moved 0.05 minutes SOUTHWARD and 0.10 minutes EASTWARD.

On Chart 2123

CHART 1941: POSITIONS
To agree with adjoining chart 1941, which is referred to Castania Datum, positions read from chart 2123 should be moved 0.16 minutes SOUTHWARD and 0.06 minutes EASTWARD.

On Chart 2124

CHART 1941: POSITIONS
To agree with adjoining chart 1941, which is referred to Castania Datum, positions read from chart 2124 should be moved 0.16 minutes SOUTHWARD and 0.06 minutes EASTWARD.



To accompany Notice to Mariners 1801/01

On Chart 2574

RESTRICTED AREA
(31° 16' 00N., 29° 52' 40E.)
The anchoring of vessels and carriage of explosives
is prohibited within the charted area.

On Chart 2681

RESTRICTED AREA
(31° 16' 00N., 29° 52' 40E.)
The anchoring of vessels and carriage of explosives
is prohibited within the charted area.

To accompany Notice to Mariners 1820/01

On Chart 292

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. Pipelines are not always buried and their presence may effectively reduce the charted depth by as much as 2 metres. They may also span seabed undulations and cause fishing gear to become irrecoverably snagged, putting a vessel in severe danger. See Annual Notice to Mariners No 24 and The Mariner's Handbook.

To accompany Notice to Mariners 1822/01

On Chart 272

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. Pipelines are not always buried and their presence may effectively reduce the charted depth by as much as 2 metres. They may also span seabed undulations and cause fishing gear to become irrecoverably snagged, putting a vessel in severe danger. See Annual Notice to Mariners No 24 and The Mariner's Handbook.



To accompany Notice to Mariners 1840/01

On Chart 574

FIRING PRACTICE AREA

Much of the area covered by this chart is used as a Firing Practice Area. Notice of firing practices and areas involved are promulgated by coastal warning messages and local Notices to Mariners. See Admiralty Annual Notice to Mariners No. 5.

On Chart 2063

FIRING PRACTICE AREA

MADRAS (13° 04'·5N., 80° 24'·5E.)
Notice of firing practices and areas involved are promulgated by coastal warning messages and local Notices to Mariners. See Admiralty Annual Notice to Mariners No. 5.

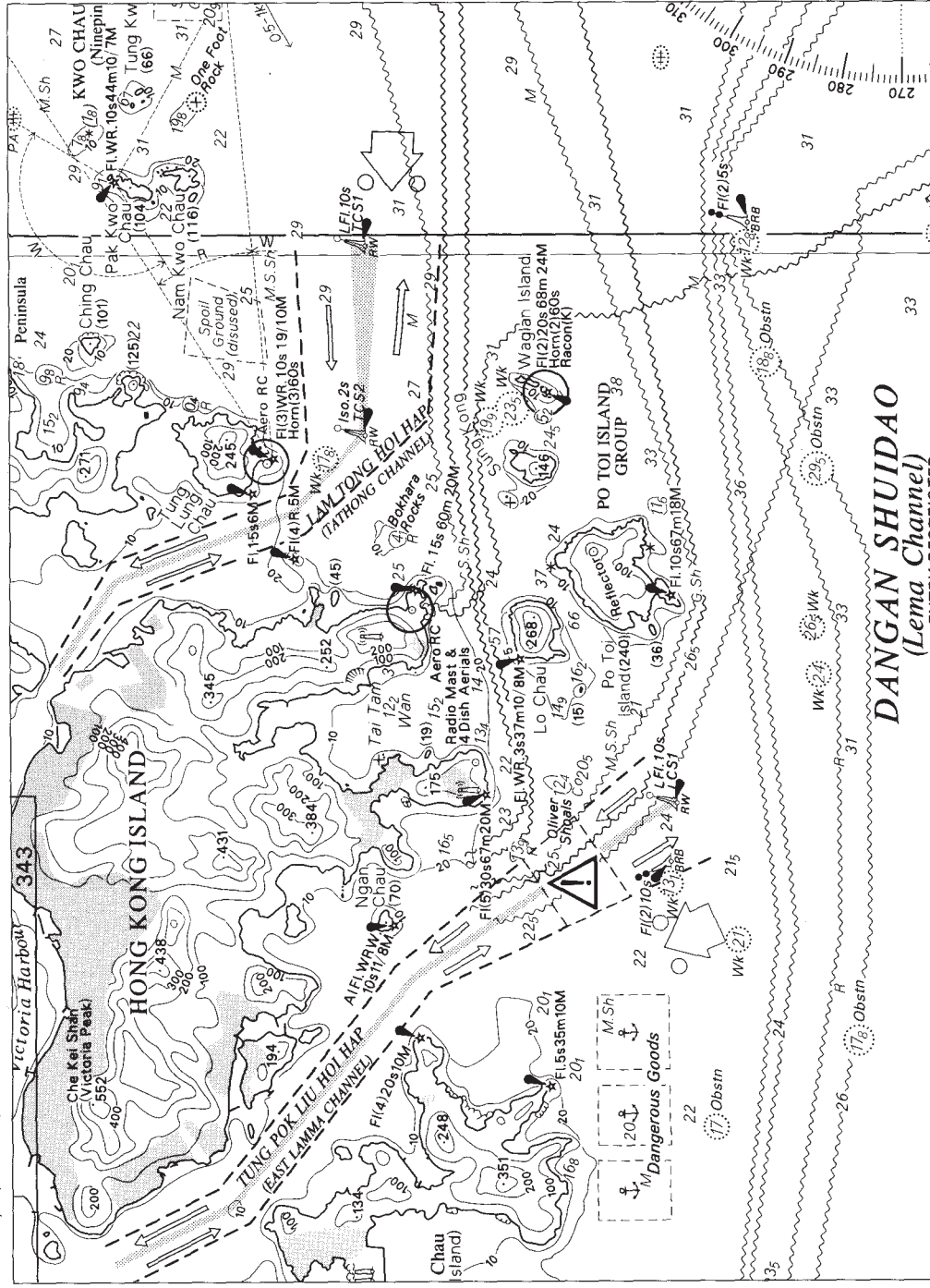
On Chart 2069

FIRING PRACTICE AREA

MADRAS (13° 04'·5N., 80° 24'·5E.)
Notice of firing practices and areas involved are promulgated by coastal warning messages and local Notices to Mariners. See Admiralty Annual Notice to Mariners No. 5.

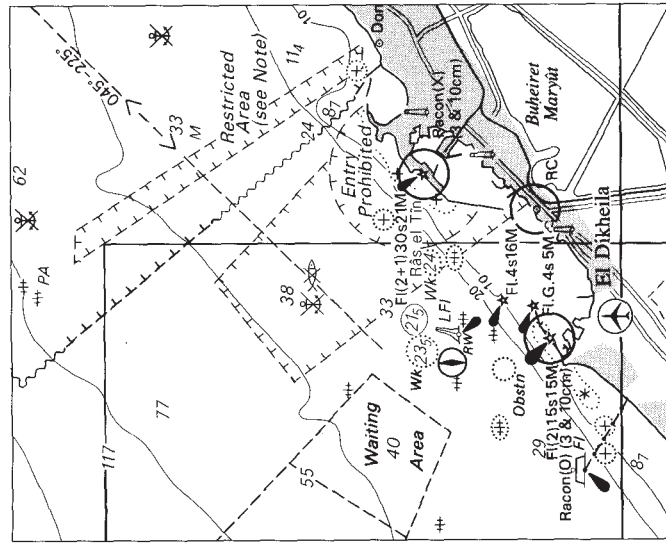
10

To accompany Admiralty Notice to Mariners No 1802 of 2001



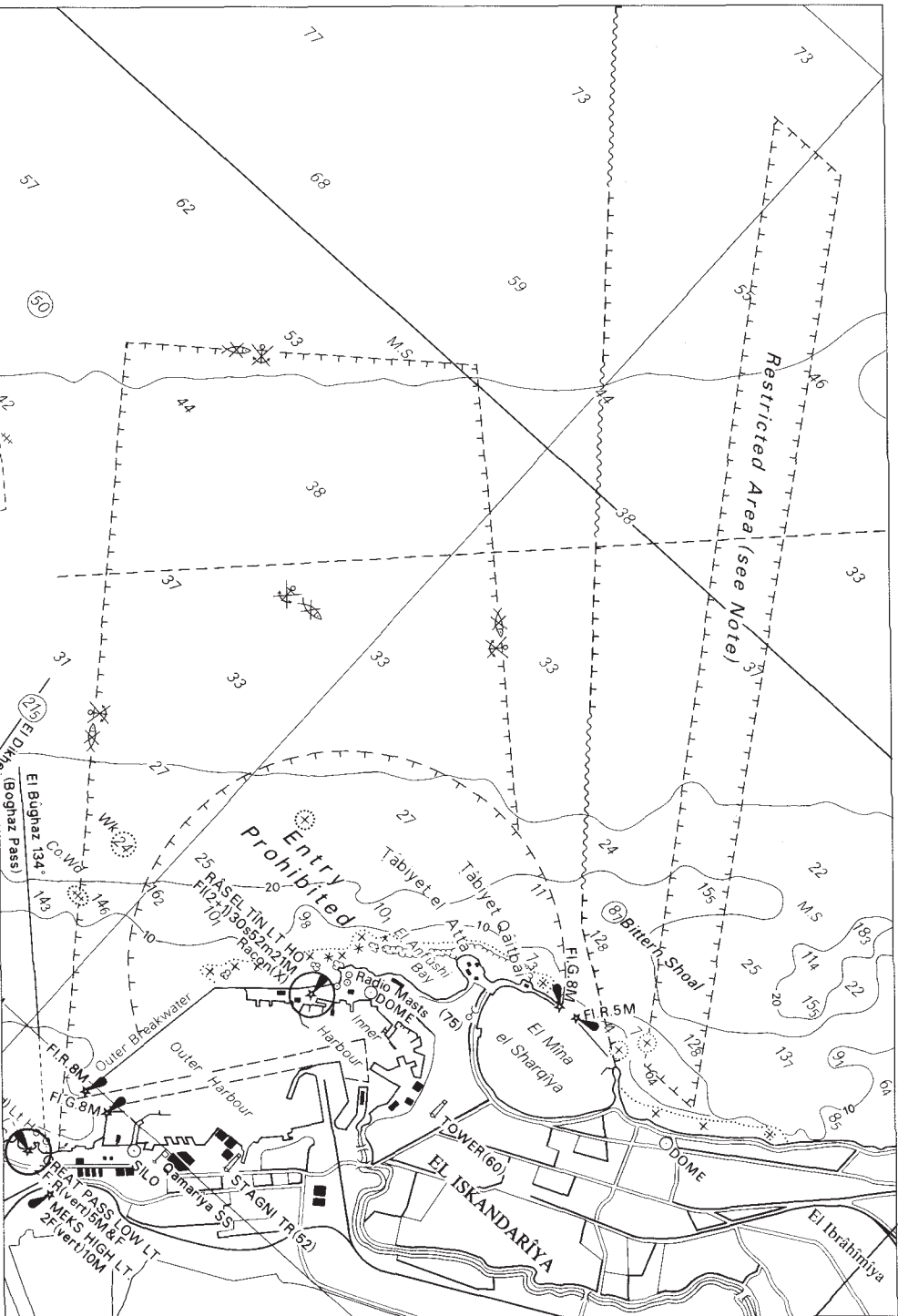
Block for Chart No 3026

To accompany Admiralty Notice to Mariners No 1801 of 2001

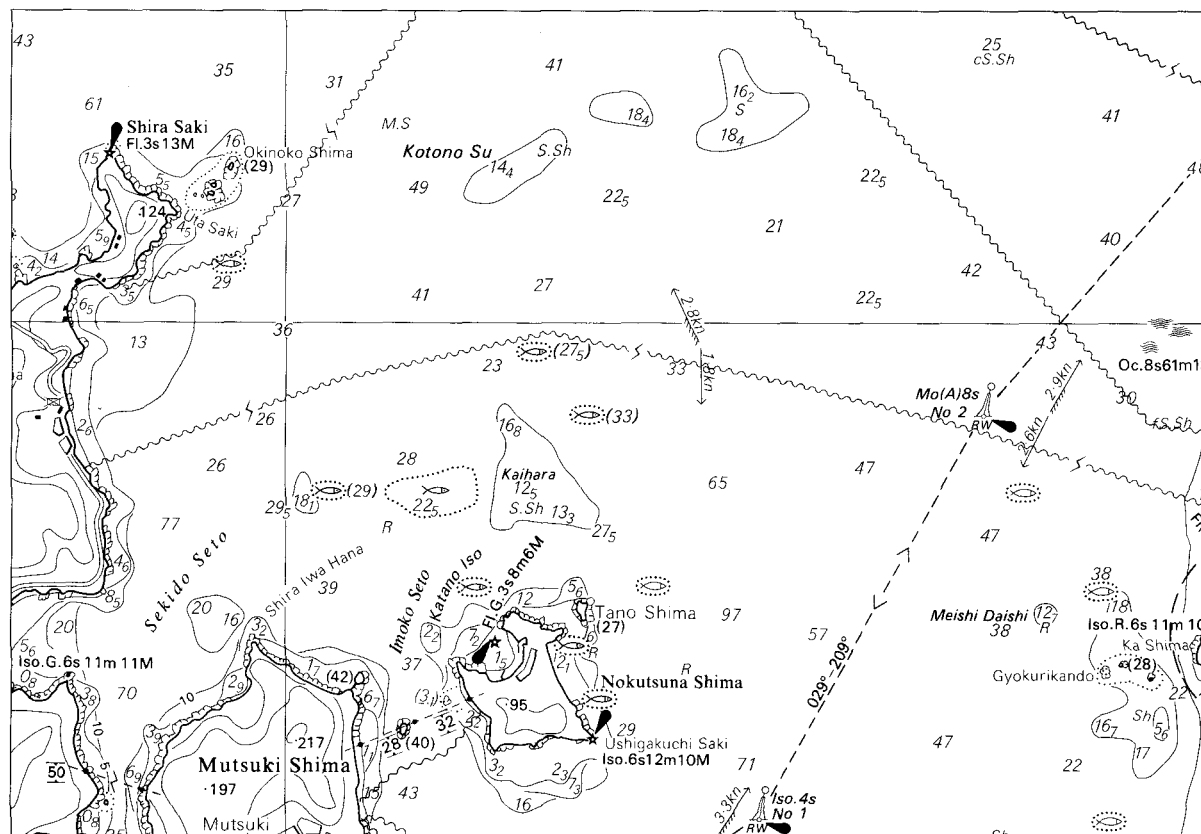


Block for Chart No 2574

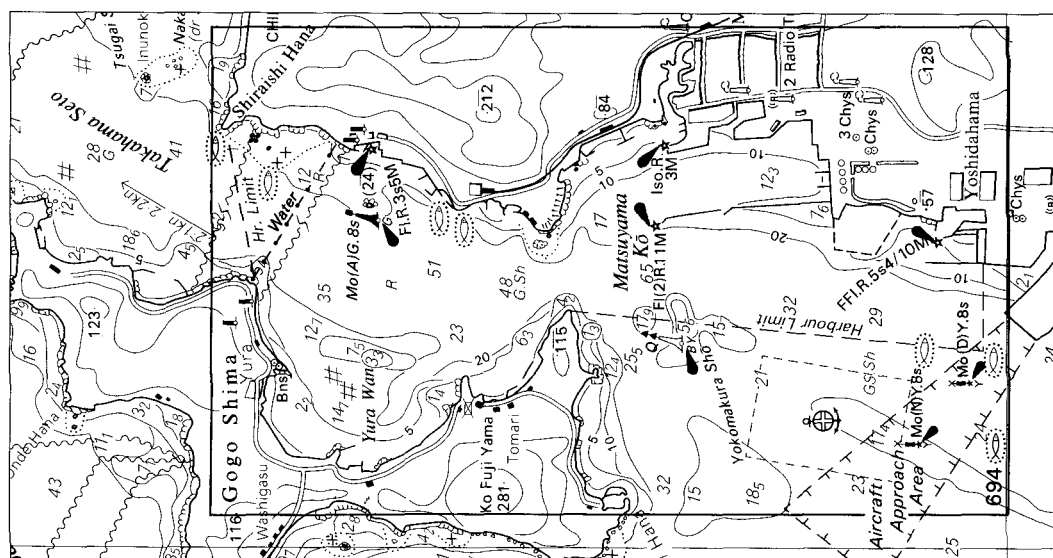
To accompany Admiralty Notice to Mariners No 1801 of 2001



Block for Chart No 2681



Block for Chart No 3603 Part A



III

NAVIGATIONAL WARNINGS

See N.M. 13/01. Messages printed below are all in force on 24 April 2001. It is recommended that this reprint should be kept in a file or book divided into areas, followed by subsequent weekly reprints. Only the most convenient Admiralty Chart is quoted. For those series originated by other authorities only selected important warnings are reproduced.

(1) Navarea I (NE Atlantic) 18th Week 3/5/01.

NAVAREA I warnings in force 24/4/01: 2000 series: 082 114 189 397 419 473 533.

2001 series: 062 072 081 088 099 101 109 114 116 119 120 125 128 129 131 132 137 141 142 143 144 146 151 152 155 158 159 160 161.

153 Cancelled.

154 Cancelled.

155 ENGLAND, East Coast. Great Yarmouth Approaches. Chart BA 1536. North Caister lightbuoy moved 500 metres North to 52°40'·76N 001°45'·65E.

156 Cancelled.

157 Cancelled. Cancel 156/01.

158 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 241000z Apr 01.

	53°13'·1N	003°55'·2E	Noble George Sauvageau
	53°32'·8N	003°43'·1E	Noble Piet Van Ede
NEW	53°38'·9N	000°58'·1E	Santa Fe Monarch
	53°50'·0N	004°10'·6E	Noble Al White
	53°51'·8N	000°26'·4E	Glomar Adriatic 6

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 147/01.

159 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 241000z Apr 01.

	55°31'·8N	005°00'·4E	Maersk Endeavour
	56°09'·4N	003°03'·6E	Glomar Arctic 4
NEW	56°14'·6N	003°58'·0E	Ensco 70
NEW	ACP Arbroath Oil Field		Galaxy 3
NEW	57°48'·3N	000°58'·7W	Ocean Nomad
	57°49'·1N	004°31'·2E	Maersk Giant
	57°58'·5N	001°14'·4E	Transocean John Shaw
	58°08'·2N	001°23'·2W	Ocean Princess
	58°11'·8N	001°23'·3W	Santa Fe 135
	58°18'·1N	001°42'·4W	Sedco 704
	58°19'·4N	000°41'·8E	Drill Star
	58°35'·7N	001°15'·3E	Ocean Guardian
	58°42'·9N	001°40'·1E	Byford Dolphin
	59°10'·7N	002°22'·8E	Deepsea Bergen
	59°26'·0N	001°40'·9E	Glomar Arctic 3
	59°32'·5N	001°39'·5E	Borgsten Dolphin
	59°34'·9N	001°39'·3E	Stena Spey
NEW	59°57'·6N	002°23'·4E	Maerskk Jutlander

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 148/01.

III

160 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 241000z Apr 01.

60°20'·6N	004°14'·7W	Transocean Leader
60°43'·8N	003°39'·4E	Polar Pioneer
60°51'·0N	003°34'·9E	West Vanguard
60°51'·4N	002°39'·0E	Maersk Gallant
60°54'·6N	003°35'·1E	West Venture
61°02'·0N	001°07'·8E	Sedco 712
61°05'·8N	002°11'·2E	Deepsea Trym
61°05'·8N	002°16'·6E	Transocean Wildkat
61°18'·6N	002°04'·0E	Scarabeo 6
61°23'·9N	002°04'·1E	Bideford Dolphin
61°25'·9N	002°34'·1E	West Delta
61°31'·6N	002°12'·7E	West Alpha
65°01'·0N	006°56'·8E	Transocean Winner
65°07'·1N	006°40'·4E	Transocean Searcher
65°23'·0N	007°22'·0E	Transocean Prospect
65°41'·7N	007°34'·0E	Stena Dee
66°04'·5N	008°14'·4E	Borgland Dolphin

NOTES:

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

2. Cancel 149/01.

161 RIGLIST. South and West Coasts of the British Isles. Correct at 241000z Apr 01.

NEW	51°19'·4N	008°06'·9W	Noble Ton Van Langeveld
	54°19'·2N	011°04'·2W	Sedco 711
	56°11'·3N	009°44'·9W	West Navion

NOTES:

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

2. Cancel 150/01.

(2) Navarea II (E Atlantic) 18th Week 3/5/01.

Edited Navarea II warnings in force 24/4/01: 263/00.
153 to 162 received.

(3) Navarea III (Mediterranean) 18th Week 3/5/01.

Edited Navarea III warnings in force 24/4/01: NIL.
Nil received.

(4) Navarea IV (NW Atlantic) 18th Week 3/5/01.

Edited Navarea IV warnings in force 24/4/01: NIL.
131 to 138 received.

(5) Navarea V (W Atlantic) 18th Week 3/5/01.

Edited Navarea V warnings in force 24/4/01: 923/97, 568/98, 055/01.
Nil received.

(6) Navarea VI (SW Atlantic) 18th Week 3/5/01.

Edited Navarea VI warnings in force 24/4/01: NIL.
Nil received.

III

(7) Navarea VII (SE Atlantic) 18th Week 3/5/01.

Edited Navarea VII warnings in force 24/4/01: NIL
040 to 046 received.

(8) Navarea VIII (Indian Ocean) 18th Week 3/5/01.

Edited Navarea VIII warnings in force 24/4/01: 388/00, 117/01.
Nil received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 18th Week 3/5/01.

Edited Navarea IX warnings in force 24/4/01: 039/01.
058 to 062 received, 048 to 057 missing.

(10) Navarea X (Australia, New Guinea) 18th Week 3/5/01.

Edited Navarea X warnings in force 24/4/01: 020/00.
Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 18th Week 3/5/01.

Edited Navarea XI warnings in force 24/4/01: NIL.
171 to 186 received.

(12) Navarea XII (NE Pacific) 18th Week 3/5/01.

Edited Navarea XII warnings in force 24/4/01: 415/00.
119 to 121 received.

(13) Navarea XIII (NW Pacific) 18th Week 3/5/01.

Edited Navarea XIII warnings in force 24/4/01: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 18th Week 3/5/01.

Edited Navarea XIV warnings in force 24/4/01: 091/01.
086 to 091 received.

091 NEW ZEALAND. South Island, South Coast. Foveaux Strait. Chart NZ 681. Obstruction, marked by buoys reported
46°37'·4S 168°06'·2E

(15) Navarea XV (SE Pacific) 18th Week 3/5/01.

Edited Navarea XV warnings in force 24/4/01: NIL.
017 received.

(16) Navarea XVI (E Pacific) 18th Week 3/5/01.

Edited Navarea XVI warnings in force 24/4/01: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 18th Week 3/5/01.

Edited Hydropacs in force 24/4/01: 1272/99, 155/01, 300/01, 574/01.
569 to 608 received.

574 ARABIA. UAE. Mīnā Jabal 'Ālī Approaches. Chart BA 3176. Salvage operations in progress on wreck 25°15'N
054°52'E. Cancel 562/01.

(18) Hydrolants (Atlantic, Mediterranean) 18th Week 3/5/01.

Edited Hydrolants in force 24/4/01: 1516/94, 2002/98, 1211/99, 1353/99, 1369/99, 1641/99, 094/00, 480/00, 561/00, 963/00,
995/00, 1047/00, 1320/00, 1364/00, 1581/00, 470/01, 1119/01.
1183 to 1233 received.

IV

[18/01]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

There were no Section IV Notices issued in Weeks 16 and 17/01

NP 1 Africa Pilot Volume I (1982 Edition) — Supplement 7-1999

Approaches to Casablanca — Restricted area

142

R 37 *Insert:*

Caution. The Moroccan government periodically prohibits all maritime activity, transit and anchoring in an area N and W of Casablanca. The area, as shown on the chart, extends about 3½ miles N from the root of Jetée Moulay Youssef (5.45) to position 33°40'1N, 7°37'0W, thence 7½ miles WSW to position 33°36'5N, 7°45'0W, thence 3 miles S to the shore in position 33°33'5N, 7°45'0W.

United Kingdom Hydrographic Office
(HH. 417/450/02) [18/01]

Casablanca to El Jadida — Restricted area

144

L 14 Existing Supplement amendment, *Replace by:*
Chart 856

Caution. The Moroccan government periodically prohibits all maritime activity, transit and anchoring in an area N and W of Pointe d'El Hank. For details see 5.41.

United Kingdom Hydrographic Office
(HH. 417/450/02) [18/01]

NP 8 Pacific Coasts of Central America and United States Pilot (1995 Edition) — Supplement 1-1998

Coos Bay — Anchorages

358

R 35 *Replace by:*

...124°14'3W) but the bay is not a safe place to anchor during winter months due to the rapid onset of severe weather.

U.S. Notice 10/18587/01
(HH. 612/450/03) [18/01]

NP 35 Indonesia Pilot Volume III (1980 Edition) — Supplement 9-1996

Buru — Prohibited area cancelled

80

L 30-35 Including existing Supplement amendment *Delete*

Indonesian NM 34/298/1998
(HH. 530/700/03) [18/01]

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

Muk'o — Breakwaters; pilotage; anchorages

138

R 1-5 Including existing Supplement amendment *Replace by:*

...by breakwaters. The E breakwater extends 7 cables S from Doho Mal and the W breakwater extends 120 m E from the S end of No 4 Wharf.

4.214

Lights are exhibited as follows:

W Breakwater Head (white round concrete tower,
11 m in height).

E Breakwater Head (red metal tower, 7 m in height).

R 36-38 Including existing Supplement amendment
Replace by:

...available from 0500 to 2200 hours.

Pilots board in the quarantine anchorage 6 cables ESE of the head of the E Breakwater.

R 42-44 Including existing Supplement amendment
Replace by:

Pilotage/Quarantine anchorage has been established 6 cables ESE of the head of the E Breakwater.

Designated anchorages A1-A3 and B1-B2 have been established, as shown on the chart, NE of the E Breakwater.

139

L 1-5 Including existing Supplement amendment *Delete*

Korean Notices 50/657-658/00 & 1/1/01
(HH. 557/470/02) [18/01]

IV

[18/01]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

In force 28 April 2001

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
1-100	(All Pilots)	Radio Facilities — Withdrawal of Omega Radio Navigation System	42/97
1	Africa I		
	1,134	Offshore Operations — Fishing	42/00
	79	Porto Santo — Leading lights discontinued	09/01
	88	Islas Canarias — Marine reserve	37/00
	106	Puerto Caballo — Leading beacons	44/00
	109	Isla de la Gomera — Leading lights discontinued	37/00
	111	Isla de la Palma — Leading lights discontinued	21/00
	142	Approaches to Casablanca — Light-buoys	46/00
	142	Approaches to Casablanca — Restricted area	33/00
	142	Approaches to Casablanca — Restricted area	18/01
	144	Casablanca to El Jadida — Restricted area	18/01
	212-213	Fleuve Tinguillinta — Buoyage	28/00
	260-261	Port D'Abidjan and approaches — Wrecks; buoyage; directions	04/00
	288	Cotonou to Lagos — Wreck	42/00
	291	Lagos — Entrance channel; SPM	11/01
	314-315	Bonny River — Anchorage; Fairway buoy; Pilotage	42/00
	320	Bonny Offshore Oil Terminal	42/00
2	Africa II		
	99	Puerto Macías Nguema — Wreck	51/00
	106	Estuaire du Gabon — Wreck	44/00
	128	River Congo entrance — Wreck	07/01
	155-156	Walvis Bay — Pilotage; buoyage; channels	46/00
	181	Ysterfontein Point to Table Bay — Wreck	14/01
	201	Appendix 4 — Altered position	18/99
3	Africa III		
	2,15	Piracy and armed robbery	20/99
	3	South Africa — Withdrawal of Decca chain coverage	15/98
	30	Chart Datum — Tidal adjustments	15/98
	67	Alphard Banks — Area to be avoided	26/99
	87	Port Elizabeth — Prohibited areas discontinued	14/00
	147	Porto de Quelimane — Landfall buoy	15/98
	270	Appendix III — Rules for laden tankers	18/99
4	South-East Alaska		
	191	Holkham Bay — Ice	07/01
	296-297, 323	Montague and Green Islands — Depths	46/00
5	South America I		
	7	Uruguay — National limits	42/00
	63	Penedos de São Pedro e São Paulo — Restricted area established	04/00
	128	Ponta Cajuais Northwards — Tanker Moorings	37/00
	139-140	Porto de Natal — Depths; anchorages; pilotage; directions	24/00
	167, 169	Porto de Salvador — Prohibited Anchorage	37/00
	187	Brazil E Coast — National Marine Parks	07/01
	189-190	Baía de Porto Segura — Wreck	39/00
	198	Terminal de Barra do Riacho — Leading lights	39/99
	248	Laje de Santos — Marine Park	21/00
	265-266	Itajaí — Pilotage boarding position	03/01

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
5	286, 294	Montevideo — Anchorages	16/00
	306-310	Río de la Plata — Buoyage; Traffic regulations	08/01
	306-307, 317	Río de la Plata — Buoyage	14/01
	317-320, 322-324, 331	Río de la Plata, Río Uruguay and Río Paraná — Buoyage; Traffic regulations	08/01
	345-346	Mar del Plata — Directions	12/00
	351	Bahia Blanca - Canal Principal — Directions	42/99
	380-381	Puerto Comodoro Rivadavia — Port developments	47/99
	381	Caleta Olivia — Leading beacons discontinued; SBM established; loading terminal discontinued	50/99
	382	Caleta Olivia — Directions	04/00
6	South America II		
	57-59	Choiseul Sound to George Island — Directions	23/00
	130	Caleta La Misión — Leading Lights discontinued	32/99
	138, 144	Isla de los Estados — Anchorages	12/00
	147	Bahia Aguirre — Anchorage	37/00
	174	Chilean Waters — Pilotage	11/01
7	South America III		
	70	Isla Malpelo — Nature Reserve	30/99
	76	Canal Pulluche - Bajo Roepke — Light-buoy established, directions	26/99
	146-147	Golfo Coronados - Canal Chacao — Prohibited area, recommended track, leading lights and leading line	26/99
	150	Golfo de Ancud — Paso Corvio to Paso Tautil and Canal Llancahué	48/00
	159	Puerto Montt — Entering harbour	42/99
	271-272	Approaches to Puerto Ilo — Traffic Separation Scheme	48/00
	295	Puerto San Martin — Traffic Separation Scheme	48/00
	301	Bahía del Callao — Traffic Separation Scheme	48/00
	333	Approaches to Bahía de Paíta — Traffic Separation Scheme	48/00
	339-340	Peru - Máncora — Light established	26/99
	359	Bajo Montañita — Depths	33/00
7A	South America IV		
	71	Point Fortin — Anchorage area established	08/00
	89	Puerto de Guiria — Light established	20/00
	106	Coppename Rivier — Bridge established	09/01
	107	Paramaribo — Bridge established	05/01
	119	Morro del Puerto Santo — Light established	01/01
	132	Bahia de Pozuelos — Anchorages	39/99
	136	Puerto Jose — TAECJ Terminal	31/00
	155	Bonaire — Depths; anchoring prohibited	07/01
	157	Goto Oil Terminal — Leading lights discontinued	46/00
	159-160	SW Coast of Curaçao — Lights unlit	51/00
	168	NE Coast of Aruba — Lights unlit	51/00
	170	Lago Seaberths — Anchorage discontinued	12/01
	176, 180	Golfo de Venezuela — Off-lying hazards	31/00
	184	Punta Palmas del Norte to Maracaibo — Overhead power cable established	42/00
	193	Puerto Bolivar — Anchorages	39/99
	223	Puerto de la Bahía de Las Minas — Shoal patch	17/00
8	Pacific Coasts of Central America and United States		
	4	Honduras — Navigational aids	04/99
	6, 235, 273	Santa Barbara Channel — Traffic Separation Scheme	28/00
	92	Puerto Golfito — Directions; Leading lights	47/00
	135	Salina Cruz — Pilot boarding positions	33/99
	172	Topolobampo — Depths; anchorage	12/00
	177-178	Guaymas — Anchorage; lights; caution revoked	26/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
8	235, 281, 299	Recommended tracks	01/01
	257	San Pedro Bay — Anchorages	03/01
	260	Long Beach Harbor — Leading lights	37/00
	260, 263	Long Beach and Los Angeles Harbours — Directions	42/00
	263	Los Angeles Main Channel — Area of Concern	03/01
	297, 299	San Francisco Bay — Traffic Separation Scheme	28/00
	314	Alameda Naval Air Station — Leading lights discontinued	33/99
	358	Coos Bay — Anchorages	11/01
	358	Coos Bay — Anchorages	18/01
	370	Tillamook Bay — Lights; directions	12/01
	392	Cape Flattery — Restricted area	04/00
	392	Cape Flattery — Restricted area	09/00
	393-394	Willapa Bay — Approach	12/99
9	Antarctic		
	80	Île de la Possession — Anchorage	31/00
	91-92	Îles Kerguelen — Directions; anchorages	08/01
	109	South Georgia — Prince Olav Harbour and approaches	15/98
	113	South Georgia — Mooring buoy	08/01
	115	South Georgia — Gold Harbour	15/98
	149	Antarctic Sound — Rock; discoloured water	04/00
	233	Antarctica — Protected areas	18/99
10	Arctic I		
	145	Mys Zhelaniya — Light discontinued	46/99
	184	Gavan' Dikson — Leading lights discontinued	47/00
	260-261	Poluostrov Parizhskoy Kommuny and Ostrov Domashniy — Nature reserves	14/01
	262	F'ord Matusevicha — Nature reserve	15/01
	263	Zaliv Akhmatova — Nature reserve	15/01
11	Arctic II		
	2	Svalbard — Use of charts	24/98
	82	Grindavik — Approach	09/00
	105-106	Grundarfjörður — Light discontinued	09/01
	146	Vopnafjörður — Leading lights discontinued	46/99
	154	Húsavík — Leading lights established	46/99
	163	Sauðhárkrókur — Approach	12/99
12	Arctic III		
	6	Canadian Regulations — Pollution of the sea	39/99
	8	Rescue — GMDSS	46/00
14	Australia II		
	118	Geelong — Leading lights discontinued	42/99
	206	River Tamar — Directions	21/00
	323-324, 329	Sydney Harbour — Clearing marks	16/00
15	Australia III		
	76	Osprey Reef — Depths; hydrography	42/00
	157	Approaches to Bundaberg — Wreck	44/00
	252-253	Townsville — Pilot boarding ground	39/00
	374	Great North East Channel — Preferred route revoked	14/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
17	Australia V		
	2, 107, 109, 112	Skua Oil Terminal — Removed	42/98
	2, 107	Laminaria Oil Terminal	32/99
	2, 189	Stag Marine Terminal	32/99
	56	Weipa — Pilotage Area; Quarantine limit	50/99
	71	Bing Bong Anchorage	37/00
	75	Gove Harbour — Anchorages	33/00
	88	Duddell and Volsella Shoals — Dangers	32/99
	93	Cuthbert Point — Shoal	39/99
	97	Smith Point to Dundas Strait — Depth disproved	20/00
	107	Timor Sea — Restricted areas	45/98
	118	Darwin — Prohibited anchorage area	44/00
	118, 120	Darwin — Prohibited Anchorages	06/99
	135	Koojarra Island — Shoal	08/00
	172	Lacapede Islands — Recommended track	10/99
	176, 179	Broome Harbour — Leading lights; directions	26/99
	178	Broome — Tidal Stream Diagram	08/99
	185	Port Hedland — Quarantine limit revoked	33/00
	189	Wandoo Marine Terminal — Anchorage	09/99
	196, 199	Dampier — Pilot boarding positions and anchor berths	44/00
	220, 222	Cape Cuvier — Light discontinued	01/01
	229	Port of Useless Loop — Pilot boarding position	39/00
	238	Geraldton — Designated anchorages established	14/00
	265	Lake Preston — Light discontinued	10/99
18	Baltic I		
	4, 224	The Sound - Flintrännan — Vessel Traffic Service discontinued	17/00
	62, 79-80	Sweden - Approaches to Göteborg — Recommended Tracks	44/99
	220, 223-227, 232-233	The Sound - Flintrännan — Navigational channel	16/00
	224	The Sound - Flintrännan — West Channel, and working area discontinued	30/00
	227, 233	The Sound - Höllviken Light — Sectors	32/99
	240	Sweden — Falsterborev Practice firing area	42/99
	358	Denmark - Passages south of Fyn - Marstal Havn — Pilotage	22/99
	428-429, 434	Germany - Flensburger Förde — Buoyage	46/99
	444-446	Germany - Wismarbucht — Approach channel — leading lights; anchorage; cables	31/00
	458-459, 461-462	Germany - Rostock — Entrance channel; depth; berths	44/99
	465	Kadet Renden — Deep draught vessels - Caution	04/00
	465	Kadet Renden — Buoyage	16/00
19	Baltic II		
	14	Estonia — Reporting requirements	44/99
	124	Åhus — Leading Lights	08/01
	185, 187	Sweden - Öland, north coast — Recommended track, authorised draught	04/00
	334-335, 338	Germany Baltic Coast - Prorer Wiek - Mukran Ferry Port — Directional light; leading lights discontinued	23/00
	352-354, 358, 363	Świnoujście to Szczecin — Vessel Traffic Service; Pilot boarding places	38/00
	403	Lithuania - Klaipėda — Channel Depth	17/00
	456	Appendix II — Polish Regulated Areas	33/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
20	Baltic III		
	3, 160, 165-167, 174, 177, 180, 183	Approaches to Kotka — Vessel Traffic Service	01/01
	3, 248	Approaches to Pori and Rauma — Vessel Traffic Service	09/01
	11, 113, 159, 167, 183, 197, 247, 256, 287	Finland - Gulf of Finland and Saaristomeri — Restricted areas	11/01
	157	Approaches to Porvoo — Recommended track	01/01
	200-202, 207-215, 218, 233	Saaristomeri — Maximum authorised draughts	13/01
	251-252	Finland south-west coast - Approaches to Uusikaupunki — Channel draughts; leading lines	15/01
	320	Approaches to Martinniemi — Recommended track depth	01/01
	427	Gulf of Bothnia - Nordmalingsfjärden — Recommended route	08/01
	494-495	Appendix II — Finland - Restricted Areas	11/01
21	Bay of Bengal		
	3	Regulations for ships carrying dangerous and polluting goods	20/98
	56	Madras Harbour — Buoy; Explosives anchorage	46/99
	61-62	Kākināda — Lights, anchorages, channel, berths	16/99
	74-76	River Hugli Approaches — Buoyage	01/99
25	British Columbia I		
	12	Canadian Regulations — Pollution of the sea	39/99
	60	Cape Flattery — Restricted area	04/00
	60	Cape Flattery — Restricted area	09/00
	90	Oak Bay — Directions	39/99
	92	Meadow Point to Wing Point — Directions	39/99
	137	Belle Rock — Sector light	12/01
	145	Bellingham — Light sector discontinued	24/00
	201	Pirates Cove — Directions	39/99
	397	Browning Passage — Directions	39/99
26	British Columbia II		
	11	Canadian Regulations — Pollution of the sea	39/99
27	Channel		
	66, 86, 90, 95, 112, 128, 136-137, 145-146, 151	Photographic credits	23/00
	139	Torbay — Boarding area for Deep Sea Pilots	39/99
	164	Poole Harbour — Fog Routine	39/99
	169, 172-173	Selsey Bill — Buoyage	28/00
	184	Lymington — Controlling depth	39/99
	214	Cowes — Directions for entering harbour	17/00
	436-446	Appendix I — Dockyard Port Orders	01/01
	449-450	Appendix I — The Dockyard Port of Portsmouth Order, 1978	39/99
28	Dover Strait		
	124	Calais — Speed limits	33/00
	224, 228	Fisherman's Gat — Precautionary area; buoyage	51/00
	243-244, 247-250	Approaches to Harwich — Channel depth and buoyage	28/00
30	China Sea I		
	3, 244, 256	Hong Kong — Cessation of British Jurisdiction	27/97
	3	Indonesia — Territorial Waters	12/99
	7, 235	Hong Kong — Marine Parks	05/97
	12, 231	Macau — Cessation of Portuguese Jurisdiction	04/00
	70	Selat Matak — Wreck	21/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
30	75	Vung Tau Oilfield — Floating Production Storage and Offloading Vessels (FPSO)	12/99
	75	Vung Tau Oilfield — Floating Production Storage and Offloading Vessels (FPSO)	33/00
	79	South China Sea - Vanguard Bank — Gas erupting	49/99
	113	Bangkok Bar — Leading marks; wrecks	39/99
	124	Ko Kut Westwards — Dangerous wreck	17/00
	208	Qiongzhou Haixia — Wreck	04/99
	220	Naozhou Dao — Wrecks	05/97
	225	Hailiningshan Gang — Pilot boarding position; anchorages	24/00
	234	Hong Kong — Tung Chung Bridges, height restriction	30/97
	244, 255, 260-261	Hong Kong — Kai Tak Airport closed	41/98
	245, 247, 250	Hong Kong — Pilot boarding stations	39/99
	251	Hong Kong — Wrecks	44/99
	252	Hong Kong Approaches — Wreck	28/00
	255-258	Hong Kong Fairways — Caution	05/97
	257	Hong Kong, Central Fairway — Vessel restrictions	24/97
	279	Shanwei Gang — Leading lights	28/00
31	China Sea II		
	71	Pulau Mendarik — Obstruction	42/99
	87	Sungai Sarawak — Directions; wreck	51/00
	160	Ulugan Bay — Light established	12/00
	199	Santa Cruz — Pilot boarding point	16/00
32	205	Port Sual — Pilotage	12/00
	China Sea III		
	76	Jiangjun Tou — Light	27/00
	77	Dongding Dao — Offshore wrecks	04/99
	80	Xiamen Gang — Prohibited areas	18/99
	81	Xiamen Gang — Bridge	39/99
	91	Dongyin Dao — Discoloured water	05/01
	94	Minjiang Kou — Directions	43/98
	98-100	Kao-Hsiung Kang — Anchorages, wrecks	44/99
	99	Kao-hsiung Kang — Leading lights	15/01
	101	Yun-An LNG Terminal — Anchorage; Wave recorder removed	46/00
	103	P'Eng-hu Kang-tao — Wrecks	08/00
	111	Approaches to Chi-Lung — Wreck	46/99
	133	Taishan Liedao — Depth; rocks	05/01
	142	Sanmen Wan Approach — Wreck	51/00
	144	Niubishan Shuidao — Wrecks	46/00
	148	Fodu Dao to Hsiao-yang-mao Yü — Wreck	46/00
	153	Jintang Shiudao — Prohibited anchorage, Wreck	09/99
	153	Ningbo Waigang — Restricted area	46/99
	154	Yong Jiang — Overhead power cables	44/00
	156	Lihou Yu — Light established	05/01
	161	Zhoushan Qundao — Wreck	37/00
	165	Zhoushan Qundao — Wreck	28/00
	170	Chang Jiang Approach — Light-vessels	31/00
	170	Chang Jiang Approach — Anchorage	42/00
	179	Changshu — General information	36/98
	205	Jinghai Wan to Chengshan Jiǎo — Offshore wrecks	17/00
	211	Jiming Dao to Zhaobei Zui — Anchorage	05/01
	211-213	Weihai Gang — Entrances	05/01
	213	Weihai Gang — Anchorages; pilotage	05/01
	213	Weihai Gang — Directions	05/01
	215	Yantai Gang — Anchorages	12/99
	215	Yantai Gang — Anchorage; Restricted area	31/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
32	216-217	Bohai Haixia — Quarantine anchorage; restricted area	20/00
	256	Sia Hae — Directions; wrecks	37/00
	257	Oedal To to Talli Do — Overhead cable	09/99
	271	Kunsang Hang — Pilot boarding position	44/99
	282	Inch'on Hang Approach — Anchorages	44/00
	283	Inch'on Hang Approach — Wreck	30/00
	287	Asan Man and approach — Tangjin Hwaryok	44/00
	287	P'yŏngt'aek Hang — Pipeline, anchorage	49/99
33	Philippine Islands		
	75-76	Puerto Princesa — Pilot boarding point; Quarantine anchorage	16/00
	115	Ligitan Channel and Ligitan Group — Depths	23/00
	119	Hand Rock — Depths	23/00
	148	Dapitan Bay — Pilot boarding point	47/00
	176	Batangas — Anchorages; fairway	16/00
	205	Bacolod — Anchorages; pilot boarding point	20/00
	263	Inamucan Bay — Pilot boarding point	47/00
	266	Port Ozamiz — Pilotage	47/00
	318	Surigao Strait — Local magnetic anomaly	23/00
34	Indonesia II		
	10, 219	Timor — Prohibited area removed	24/00
	84, 86	Selat Surabaya — Pilotage	01/01
	92	Madura Oil Terminal northwards — Wreck	14/01
	234	North West coast of Timor — Landmark	31/00
	237	North coast of Timor — Landmark	31/00
	238	Dili — Depths; directions	31/00
	239	Kun — Leading lights	24/00
	263	Pulau Larilarian — Depth	37/00
	263	Gosong Takatulla — Depth	37/00
	270	Tanjung Dewa to Tanjung Aru — Directions	37/00
	278-279	Approaches to Muara Pegah — Restricted area	33/00
	283	Tanjung Bayur to Tanjung Sangata — Wreck	30/00
35	Indonesia III		
	80	Buru — Prohibited area cancelled	18/01
	153	Irian Jaya, North coast - Tanjung Narwaku — Data buoy	03/01
36	Indonesia I		
	82, 87	Beting Eka northwards — Wreck	46/00
	128	Sungai Palembang — Buoyage	44/00
	148	Inshore passage to Pangkalbalam — Wreck	48/00
	208, 226	Selat Berhala — Directions; wreck	12/00
	208	Tanjung Bakau — Wreck	09/01
	209	Channel NE of Pulau Berhala — Caution	14/01
	213	Tanjung Dato NE — Wreck	09/01
37	West Coasts of England and Wales		
	244	River Lune — Lights in line removed	12/00
	247	Barrow-in-Furness — Depths	04/00
	263-264	Whitehaven — Pilotage; Tidal stream; Directions	37/00
38	West Coast of India		
	94	Male' — Pilotage	40/99
	114	Kiltan Island — Stranded wreck	18/99
	153	Colombo — Tanker mooring; restricted area	31/00
	185	Cannanore — Rifle Range	16/99
	190	New Mangalore — Arrival information	26/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
38	202, 205	Mormugao — Prohibited anchorages	18/99
	227	Approaches to Bombay — Routes	30/99
	255	Gulf of Khambhāt - Narmada River and Bharūch Channel — Depths	08/01
	278	Mundra — Anchorage, pilot boarding, port limits	16/99
	280	Reliance Jamnagar Marine Terminal	04/00
	280	Reliance Jamnagar Marine Terminal — Pilot boarding places	27/00
	281	Rozi — Anchorage	49/99
	292	Turshiān Light — Light discontinued	39/99
	297-298	Approaches to Karāchi — Unexploded ordnance	23/00
	309-310	Pasnī Light — Light discontinued	18/99
39	South Indian Ocean		
	262	La Réunion - Saint-Pierre — Leading lights; directions	33/99
40	Irish Coast		
	290	Foynes Harbour — Leading lights	11/01
	420-421	Lough Foyle — Directions	14/01
41	Japan 1		
	64	Amaga Seto — Overhead cables removed	37/00
	101	Maizuru Kō — Bridge	09/99
	133-134	Niigata Kō — Shōwa Sekiyū Seaberth	32/99
	149	Akita Oil Storage East — Leading lights	11/01
	182	Onahama Kō — Breakwaters	04/99
	266	Muroran — Leading lights discontinued	18/99
	344-5	Ostrov Paramushir — Lights discontinued	18/99
	348	Ostrov Atlasova — Light discontinued	18/99
	349-351	Vtoroy Kuril'skiy Proliv — Lights discontinued	18/99
	351	Vtoroy Kuril'skiy Proliv — Anchorages	18/99
42A	Japan II		
	107	Sendai Kō — Breakwaters	12/99
	118	Kuchinotsu Kō — Leading lights discontinued	20/99
	119	Shimabara Wan — Wrecks	33/00
	133	Terashima Suidō — Bridge	08/00
	167	Hososhima Kō — Quarantine anchorage	24/00
	176	Kōchi Kō to Muroto Saki — Measured distance	11/01
	196	Yokkaichi Kō — Pilot boarding positions	07/01
	199	Hiro Se Northwards — Restricted area	07/01
	200	Nagoya Kō — Pilot boarding positions	07/01
	221-222	Naka-no-Se Traffic Route — Regulations	16/99
	231	Kawasaki Ku — Traffic signals removed	17/98
	240	Minami Iō Shima — Discoloured water	09/99
	245	Ogasawara Guntō — Breakers	09/99
42B	Japan III		
	2, 127	Bridge works	44/99
	3, 175	Kii Suido — Traffic Separation Scheme	19/99
	5, 73	Bungo Suidō — Pilot boarding points	04/99
	21, 84	Sada Misaki — Measured distance	44/00
	21, 127	Yuge Shima — Measured distance	51/00
	63	Tokuyama Wan (No. 1 Area) — Beacons; buoyage	16/99
	64	Kasado Wan (No. 2 Area) — Kudamatsu No 1 Wharf	16/99
	64	Kudamatsu Kō — Leading beacons discontinued	05/01
	80	Iyo Nada — Dangerous wreck	44/99
	85	Matsuyama Kō — Wreck removed	48/00
	110	Neko Seto — Light and Bridge	18/99
	112	Yanagino Seto — Overhead power cables	26/98

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
42B	118	Kurushima Kaikyō — Bridge	42/99
	118	Kurushima Kaikyō — Restricted area	09/99
	118	Kurushima Kaikyō — Restricted area	19/99
	122	Itozaki Kō — Prohibited areas	12/99
	126	Tatara Saki — Bridge	42/99
	175-176	Kii Suidō — Local magnetic anomaly	16/00
	186	Naruto Kaikyō — Overhead cables removed	22/98
	188	Ōsaka Wan — Buoyage and Routeing	46/99
	200	Kōbe Kō — Leading lights established	12/00
43	South and East Coasts of Korea, East Coast of Siberia and Sea of Okhotsk		
	80	Jangjing No — Overhead Power Cable	17/00
	114	Approaches to Pusan — Wreck	49/99
	116-118	Pusan — Anchorages	49/99
	121	Suyeong Man — Dangers; bridge	13/01
	138	Tonghae — Anchorages	13/01
	138-139	Muk'o — Breakwaters; pilotage; anchorages	18/01
	139	Muk'o to Chōngdongjin — Anchorage	13/01
	189	Zaliv Amurskiy — Measured distance	08/01
	191-193	Proliv Bosfor Vostochnyy — Leading lights; prohibited areas; prohibited anchorages	08/01
	191	Ostrov Skrypleva — Reef	08/01
	191	Poluostrov Zhitkova — Foul ground	08/01
	192	Bukhta Ayaks — Buoyage	08/01
	193	Proliv Bosfor Vostochnyy — Passage	08/01
	194	Bukhta Zolotoy Rog — Leading lights; cable; anchorage	08/01
	253	Portovyy Punkt Shakhtërsk — Wreck	12/01
	Supplement 65	Ussuriyskiy Zaliv — Restricted area discontinued	16/00
44	Malacca Strait and West Coast of Sumatera		
	51, 53	Permatang Sedepa (One Fathom Bank) — New lighthouse established; marks; directions	51/00
	54	One Fathom Bank to Gosong Raleigh — Wreck	14/00
	127	Approaches to Phuket — Wreck	17/00
	221-262	Singapore — Anchorages; fairways; restricted area	06/01
	221-262	Singapore — Channel closure	12/01
	267	Malaysia - Johor — New port established	40/00
	286	Pulau Simeulue Tjut — Light	08/00
	311	Ujung Nasisatangkus to Ujung Kareueng — Directions	08/00
45	Mediterranean I		
	58	Málaga — Anchorages	15/01
	68	Cartagena — Anchorages	21/00
	72	Alicante — Anchorages; reclamation	16/00
	77	Golfo de Valencia — Wreck	16/00
	78	Valencia — Pilot boarding area, buoyage	16/99
	80-81	Puerto del Grao de Castellón de la Plana — Pilotage, prohibited area and anchorages	42/99
	128	Melilla — Anchorages	16/00
	136	Port of Arzew — Pilotage	49/99
	169	Bancs Kerkenah — Wreck	32/99
	169	Approaches to Sfax — Gas pipeline	23/00
	172	Baie de la Skhirra — Prohibited anchorage area	44/99
	179	Isola di Lampedusa — Marine farm; Buoy; Recommended anchorage	18/99
	190	Isole Ègadi — Marine Nature Reserve	13/99
	201	Marina di Regusa — Fiume Irminio Nature Reserve	49/99
	208	Porticello — Anchor berths	12/99
	214	Isola Filicudi — Sector Light	08/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
45	215	Isola Lipari — Depth	20/00
	217	Isola Panaria — Obstruction	49/99
	231	Porto di Catania - Molo di Levante — Wreck	30/99
	240	Porto di Vibo Valentia Marina — Anchorages	33/00
	243	Porto di Gioia Tauro — Anchorage, restricted area, and approach channel	40/99
	245	Capo dell' Armi — Wreck; restricted area	44/00
	246	Cape Spartivento — Prohibited area	04/00
	253	Crotone — Wreck	44/99
	258	Approaches to Taranto — Outfall	20/00
46	Mediterranean II		
	39	Cap Leucate — Obstruction	15/01
	41	Cap d'Agde — Anchorage; foul ground	03/01
	45	Grau d'Orgon — Leading lights discontinued	32/99
	64	Golfe de Giens — Prohibited area	18/99
	75	Saint Tropez — Restricted area; Anchorage discontinued	40/00
	87	Monaco — Restricted areas	24/00
	105	Corse — Wreck; restricted area	42/00
	107	Bonifacio Strait — Routeing	45/98
	108	Bonifacio — Restricted area	16/99
	116	Rada di la Maddalena — Leading lights	20/99
	120	Tavolara-Punta Coda Cavallo — Marine Nature Reserve	31/98
	130	Isolotto Mal di Ventre — Anchorage discontinued	30/00
	130	Capo San Marco — Marine Nature Reserve	31/98
	131	Sardinia - Canale di San Pietro — Wreck; restricted area	07/01
	137-138	Golfo di Cagliari - Sarroch and Cagliari — Routeing; anchorages; pilot boarding places; marine nature reserve; regulated areas; port developments	13/01
	144	Alassio — Submerged barrier	20/00
	154-156	Portofino — Marine Nature Reserve	02/99
	159	Cinque Terre Marine Nature Reserve	31/98
	161	Kudamatsu Kō — Leading beacons discontinued	05/01
	195	Fiumicino approaches — Wreck	37/00
	195-196	Fiumicino — Traffic zones	50/98
	201-202	Gaeta and Formia — Anchorages	30/99
	207	Islands of Ventotene and San Stefano Marine Nature Reserve	31/98
	217-219	Rada di Napoli	47/98
	224	Punta Campanella Marine Nature Reserve	31/98
	229	Approaches to Salerno — Breakwater	08/00
47	Mediterranean III		
	2, 167, 183	Boka Kotorska — Mined areas	18/99
	55	Marine exploitation	05/01
	55	Route for Gulf of Venice	05/01
	429	Bašćanska Draga — Anchorage	31/00
	488	Brindisi — Vessel Traffic Service	39/00
	540	Approaches to Ancona - TSS — Obstruction	04/00
48	Mediterranean IV		
	320	Nótiós Evvoïkós Kólpos — Wreck	09/01
	445, 448	İzmir — Landmarks; directions	09/01
	485-486	Alexandroúpolis — Port development	07/01
49	Mediterranean V		
	118	Abu Qîr — Directions	30/00
	120	Râs Umm El-Nabâyil to Bûr Sa'îd — Directions	48/00
	163-164	Antalya — Port limits; anchorages	27/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
49	178	Ceyhan Limanı — Pilot boarding place	09/01
	191	Limassol — Anchorages; Pilot boarding position	05/01
	201	Gastria Bay — Oil berths	46/00
51	New Zealand		
	63	Raglan Harbour — Leading lights	23/00
	321	Port of Tauranga - Mount Maunganui — Leading lights discontinued, directions	20/99
52	North Coast of Scotland		
	274	Føroyar - Eysturoy — Selatrað	33/00
	276	Føroyar - Passage East of Nólsoy and Eysturoy — Directions	33/00
55	North Sea (East)		
	66	Deep Water Route via DR1 Light-buoy — Depths	07/01
	91	Approaches to Den Helder — Molengat Leading Lights discontinued	23/00
56	Norway I		
	193	Brofjorden — Pilot boarding place	27/00
57A	Norway IIA		
	8	Pilotage	47/00
	73	Sirevåg — Light discontinued	48/00
	73-74	Jærens Rev — Beacon and mast	31/00
	74	Obrestad — Leading line	51/00
	141	Otterøy to Stokkleikjene — Bridges	30/00
	190	Kallestadsundet — Bridge	09/01
	191	Fotlandsvåg — Anchorage discontinued; pipeline	09/01
57B	Norway IIB		
	5	Dangerous or pollutant cargoes — Regulations	42/99
	45	Sandsfjorden — Leading lights discontinued	44/00
	53	Sykklevsfjorden — Bridge established	15/01
	81	Rødsøyvågen — Anchorage discontinued	48/99
	92	Eikremsbukta — Anchorage discontinued	48/99
	202	Stokksundset — Bridge established	11/01
	218	Rørvik — Anchorages discontinued	46/99
	219	Krigsborgtaren — Anchorage	46/99
	229	Spillum Harbour — Leading lights established	14/01
58A	Norway IIIA		
	89	Årsetfjorden — Anchorage	38/00
	258-259	Skrova — Anchorages; shoal	12/01
	290	Langøya — Landmark	38/00
58B	Norway IIIB		
	5	Kirkenes — Pilot boarding position	01/01
	6	Dangerous or pollutant cargoes — Regulations	42/99
	50	Haugnes Light — Sector changed	05/01
	50	Børingan Molo Light — Sector changed	05/01
	67	Dragøyskjer Light — Sector changed	01/01
	105	Sommarøy — Leading lights discontinued	04/99
	108	Sessøyfjorden — Anchorage deleted	14/01
	112	Kræmarvik — Anchorage discontinued	10/99
	132	Litlestraumen — Anchorage deleted	14/01
	142	Tromsø — Recommended anchorage	03/01
	237	Sætervågen and Sarnes — Light discontinued	14/00
	291	Vardneset — Leading Lights discontinued	32/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
58B	302, 304	Storskjeret — Light discontinued	47/99
61	Pacific Islands II		
	79	Channels to Port Nouméa — Directions	09/00
	81	Nouméa-Grande Rade — Leading lights	32/99
	85	Passe de Uitoé — Directions	01/99
	107	Passe de Thio — Leading lights	16/00
	109	Rade de Thio to Cap Bégat — Directions	14/00
	110	Baie de Nakéty — Leading lights established	14/00
	110	Baie de Canala — Leading lights; directions	16/00
	111-112	Baie Laugier — Leading lights established	14/00
	111-112	Cap Bégat to Cap Koua — Directions	39/99
	112	Baie de Kouaoua — Leading lights established	14/00
	126	Île Matthew — Obstruction	16/99
	221	Suva - Inner route — Directions	42/98
	225-227	Fiji - Nadi Waters — Buoy; anchorage; beacon	14/00
	342	Tonga - Lifuka Island — Directions	11/98
62	Pacific Islands III		
	75-76	Directions for Vinapú oil terminal berth	46/00
	87	Île Tubuai — Passe Te Ara Moana	03/01
	116	Passe Tiritepakau — Leading lights; depths	01/01
	173	Bora-Bora — Prohibited anchorages	39/99
	189	Îles Marquises — Rock	44/00
	189	Motu One	44/00
63	Persian Gulf		
	2, 242	Oman — Firing Practice Areas	24/98
	3	Decca Chain 1C/MP (Gulf chain) — Withdrawn	51/97
	15, 158-159	Arzana Oilfield — Loading Terminal	06/99
	56	Qalhāt LNG Terminal	33/00
	63	Mīnā' al Fal — Pilot boarding area	40/99
	63	Port Sultan Qāboos — Waiting anchorage	12/00
	64	Jazā'ir Daymānīyāt — Nature reserve	12/00
	71	Fujairah — Anchorages and Tanker Terminal	06/99
	72-73	Khawr Fakkān — Pilots, anchorages and berths	06/99
	78	Khawr al Quway' — Restricted area	21/00
	100	Marjan and Zuluf Oilfields — Traffic Separation Scheme	26/99
	106	Bandar-e Shahīd Bāhonar — Restricted area	39/99
	108	Jazīreh-ye Qeshm — Anchorage	26/00
	117	Jazīreh-ye Qeys — Designated anchorage	21/00
	129-131	Jazīreh-Ye Khārk — Lights, marks, names	30/98
	135	Mīnā Saqr — Pilot boarding point	16/00
	135	Mīnā Saqr — Wreck removed	08/01
	140	Ḥamrīyah — Pilots and Anchorages	47/99
	153	Şīr Abū Nu'ayr — Light discontinued	08/00
	156	Jazīrat Dāz — Pilot boarding point; anchorage	08/00
	160	Karkara and 'A' Structure Oilfields	44/99
	166-167	Jabal aẓ Ṣannāh Oil Terminal	40/99
	168	Ar Ru'ays port services	39/99
	176	Doha — Pilot boarding position	07/98
	192	Ad Dammām — Pilotage	26/99
	199	Ra's al Ju'aymah LPG Terminal — Leading lights	26/99
	210	Mīnā' 'Abd Allāh — Wreck	05/01
	212-213	Mīnā' al Aḥmadī — Pilot boarding areas; anchorage; restricted areas	05/01
	217	Al Kuwayt - Inner Shuwaykh Channel — Leading marks	20/98
	222	Khowr-e Mūsá — Pilot boarding area	19/99

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
64	Red Sea and Gulf of Aden		
	64	Suez Canal — Height restriction	31/00
	74	Gulf of Suez — Wreck	26/00
	83	Rās Shukheir Oil Terminal — Pilotage	39/00
	103	Ḥanīsh al Kubrá Westward — Depths	16/00
	104	Avocet Rock — Caution	45/98
	112	Safaga — Leading light; buoyage; light-buoys	24/00
	112	Safaga — Light-buoy; radar beacon	51/00
	134	Port Sudan — Bashayer Oil Terminal	49/99
	187	Approaches to Rābigh — Pilot boarding position	14/00
	227	Al Mukhā — Wreck	11/01
	256	Al Maṣīrah — Wreck	28/00
	287	‘Abd al Kūrī — Depth	23/00
65	St Lawrence		
	5	Radio facilities — Omega discontinued	46/00
	8	Distress messages — GMDSS	46/00
	181	Québec — Leading lights discontinued	23/00
	300	Malpeque Bay — Leading lights discontinued	09/01
	351	Miramichi Bay — Leading lights discontinued	05/01
	382	Campbellton — Bridge	01/01
66	West Coast of Scotland		
	111	Campbeltown — Landmark; leading lights	08/01
	151, 401	Berneray — Causeway	47/99
	225	Oban and approaches — Code of Practice	38/00
67	West Coasts of Spain and Portugal		
	2, 50, 217	Fishing — Offshore fishing	42/00
	149, 155-156	Rio Tejo — Approach Light-buoy	51/00
68	East Coast of the United States I		
	5, 67, 125	Northern Right Whale — Reporting System established	26/99
	135	Nantucket Shoals — Radar beacon; directions	32/99
	211-212, 215	Approaches to New York — Ambrose Light relocated	04/00
	211	Approaches to New York — Anchorage areas	15/01
	227, 231	New York — Regulated Navigation Areas	08/01
69	East Coast of the United States II		
	134	Skiffes Creek — Light discontinued; directions	37/00
	152, 175	Chesapeake Bay — Restricted Area	03/01
	233	Winyah Bay — Anchorage	01/01
	245	Charleston Harbor - Ashley River — Wreck	27/00
	247	Charleston to Braddock Point — Directions	27/00
69A	East Coasts of Central America and Gulf of Mexico		
	89	Puerto Cortés — Directions; wreck	30/00
	107	Bahia Mujeres — Anchorage; prohibited areas	26/00
	145, 147	Rio Grande to Aransas Pass — Light discontinued	26/00
	166	Sabine Pass Approaches — Fairway anchorages	11/01
70	West Indies I		
	2, 71, 154	Traffic — High Speed Ferries	37/00
	52	Approaches to Bermuda — Oceanographical buoys	42/99
	106-107	Freeport Harbour — Anchorage, pilot boarding position	31/98
	138	Old Bahama Channel — Vessel Traffic Service	37/00
	145	Puerto de Matanzas — Dubrovcq wharf	27/00

IV

<i>NP no</i>	<i>Page(s)</i>	<i>Title</i>	<i>Weekly Edition</i>
70	150	Puerto de Cabañas — Leading lights established	12/00
	154, 177	Tortugas Bank — Restricted area	01/01
	154	Northern Right Whale — Reporting System established	26/99
	154, 271	Northern Right Whales — Prohibited approach	32/98
	165-167	Port Everglades — Approach Light discontinued	04/00
	166	Port Everglades — Precautionary area	41/98
	167	Port Everglades — Directions	46/99
	168	Miami — Precautionary area	41/98
	175	Key West — Tidal streams; Leading lights	15/01
	204-205	Gonaïves — General information	30/99
	234	Port Antonio — Leading beacons removed	15/01
	235	Oracabessa Bay — Leading lights discontinued	42/99
	237	Saint Ann's Bay — Directions	19/99
	242	Lucea Harbour — Directions	42/99
	250	Salt Island — Light discontinued	44/99
	254	Savannah la Mar — Lights discontinued	44/99
	255	Pedro Bank — Coral Pinnacles	30/99
	259	Grand Cayman — Main Channel	50/98
71	West Indies II		
	116	US Virgin Islands - Saint Thomas — Pilotage	46/00
	133	Limetree Bay — Pilotage	15/01
	133	Limetree Bay — Pilotage	15/01
	213	Approaches to Groot Baai — Wreck	47/00
	297	Martinique - Fort de France — Submarine cable	07/01
72	Southern Barents Sea and Beloye More		
	60	Kol'skiy Zaliv — Regulated areas	07/01
	66	Guba Kulonga — Anchorages	14/01
	67	Port Murmansk — Prohibited anchorage	07/01
	69	Port Murmansk — Anchorages	14/01
	79	Guba Drozdovka — Leading lights discontinued	46/00
	86	Mys Svyatoy Nos to Mys Ostrava Ludka — Regulated areas	33/00
	88	Proliv Orlovskaya Salma — Regulated areas	33/00
	98-99	South-West part of Gorlo — Regulated areas	33/00
	101	Approaches to Arkhangel'sk — Regulated areas	33/00
	115	Approaches to Onezhskiy Zaliv — Regulated areas	33/00
	121	Approaches to Port Onega — Regulated areas	33/00
	131	Kashkarantsy — Leading lights discontinued	42/00
	144	Bugrino — Leading lights discontinued	46/00
	153, 155	APPENDIX I — Russian Regulated Areas	33/00
	154	APPENDIX I — Russian Regulated Areas	07/01
	157	APPENDIX II — Former Mined Areas	33/00
100 and 100(M)	The Mariner's Handbook		
	103	Typical paths of Tropical Storms	08/00
	189	Region B — Examples of buoyage	28/00
136	Ocean Passages for the World		
	v, vi	Contents — Amendments	48/88
	9/10	World Predominant Surface Current Distribution Diagrams	43/88
	Diagram 1.26	Load Line Regulations 1998	16/99

(HA. 905/008/001/13)

[18/01]

IVA

AMENDMENTS TO FISHERMAN'S PILOT NP 150

Section 2

Admiralty List of Lights

Page 2-62

2272	Southwold (T)	52 19.6 1 40.9	Fl(4)WR 20s	37	W 17 R 15 R 14	White round tower 31	(fl 0.5, ec 1) x 3, fl 0.5, ec 15. R(intens)204°-220°(16°). W220°-001°(141°), R001°-032.3°(31.3°). Fl(4)WR 20s W 16M, R 12M shown 24 hours (P) May 2001. Sectors to be realigned (P) July 2001
							*
2723.4	<i>Remove from list</i>						
2723.6	<i>Remove from list</i>						
2776	- West Coaling Staiths. Head	55 08.3 1 31.2	Fl R 3s	...	3		
			*	*	*		
2785.2	- Radcliffe Quay	55 20.2 1 34.9	2 F R(vert)	4	...	...	2m apart
*	*	*	*	*	*	*	*
3142	- High Lighthouse. Dir Lt 269° (DH)	56 27.2 2 54.0	Dir Iso WRG 3s	24	W 22 R 17 G 16	White tower 23	G267°-268°(1°), W268°-270°(2°), R270°-271°(1°). Dir F WRG 3s 24m 22-16M (T) 2001
							*

Section 3

Page 3-104, wef 1 June 2001, insert replacement diagram of HUMBER on page 4A.3

Page 3-105, **THE RIVER HUMBER**, column 1, wef 1 June 2001, after Vessel Traffic Service insert paragraph:

Traffic Separation Scheme

New traffic measures are in place in the entrance to the River Humber. The routes and reporting points are shown on the chart.

Column 2, delete **Tidal Streams** to end of column and replace with:

Tidal streams

As the entrance to the river is approached the direction of the S-going stream becomes more W and that of the N-going stream more E. The in-going spring rate is 2½ kn and the outgoing 3½ kn at a position 4 miles E of Spurn Head.

Approach from North

From E of Humber Light-vessel (0° 39'N, 0° 20'E), the track, following a buoyed channel, leads S to a position NW of Mid New Sand Light-buoy (W cardinal) (53° 36'·7N, 0° 21'·3E). Thence following the TSS it leads 5½ miles SW to a position close S of Spurn Light-float (E cardinal) (53° 33'·5N, 0° 14'·3E).

Approach from East

From the vicinity of 53° 33'N, 0° 23'E the TSS leads W passing N of Outer Sea Reach Light-buoy (safe water) (53° 32'·7N, 0° 23'·0E) and N of Inner Sea Reach Light-buoy (safe water) (53° 37'·7N, 0° 18'·5E).

Approach from South

From the vicinity of 53° 30'N, 0° 22'E the track leads NE in the TSS passing NE of Outer Rosse Reach Light-buoy (safe water) (53° 29'·8N, 0° 20'·8E) and NE of Inner Rosse Reach Light-buoy (safe water).

Caution

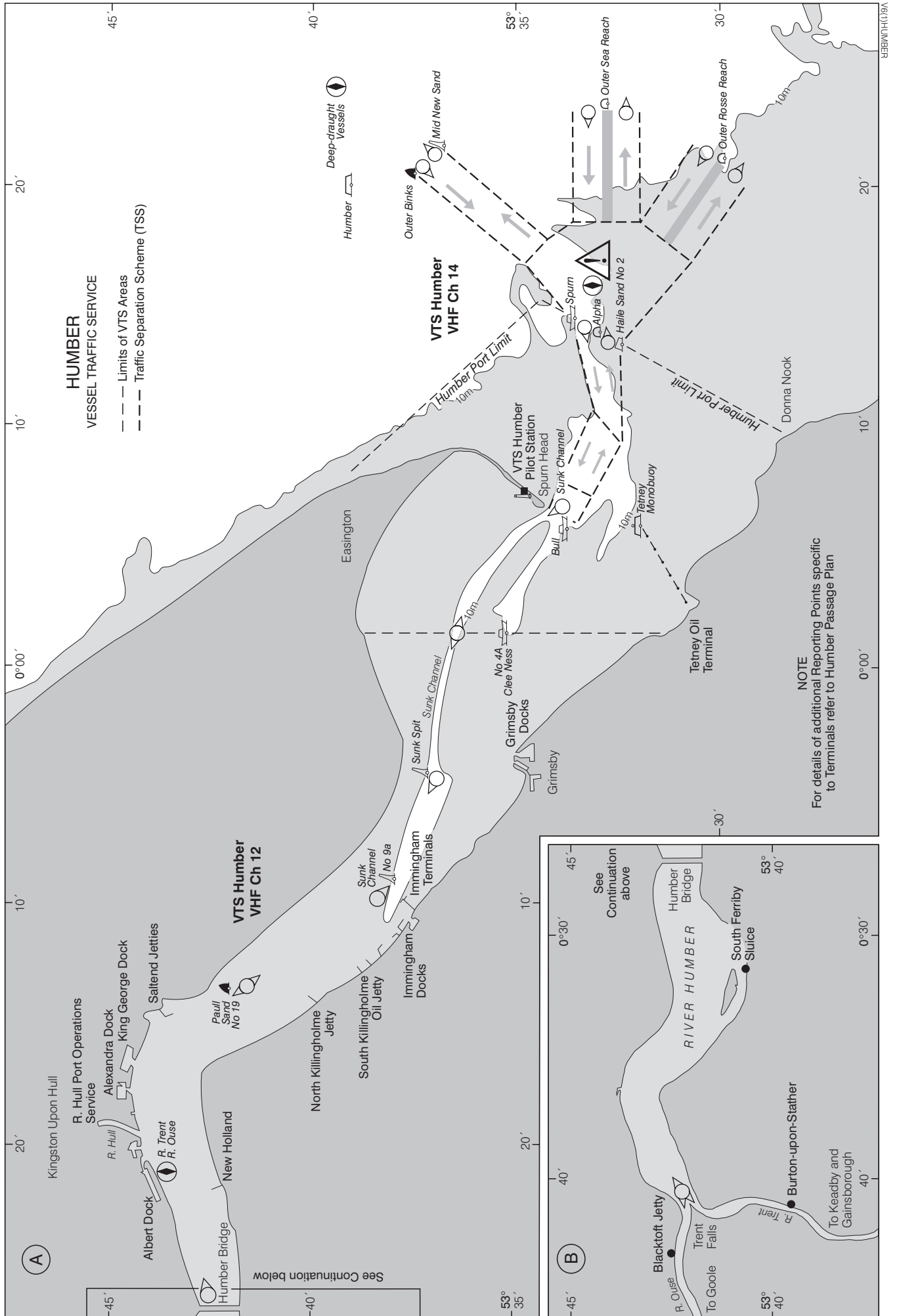
Depths offshore are irregular, and shoals, particularly those outside the main channels, are subject to change. Only those channels which are buoyed should be used.

**DIRECTIONS FOR THE RIVER HUMBER
APPROACHES TO HULL AND GRIMSBY
CONTINUE OVERLEAF.**

SPURN LIGHT-FLOAT TO SPURN HEAD

From a position 5 cables SW of Spurn Light-float (53° 33'·5N, 0° 14'·3E) the track leads WSW for 2 miles passing S of Chequer No 3 Light-buoy (S cardinal) (53° 33'·0N, 0° 10'·8E). Thence; from a position about 5 cables SW of Chequer No 3 Light-buoy the track leads NW in a buoyed channel for about 2½ miles to a position 3½ cables SW of Spurn Head (53° 34'N, 0° 07'E).

18/01



V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2001/02. Weekly Edition No. 18, Dated 3rd May, 2001.

Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

1514	La Plate	49 44·0 1 55·7	Fl(2+1)WR 10s	11	W 9 R 6	Yellow 8-sided tower, black top	<i>fl 0·6, ec 0·6, fl 0·6, ec 1·8, fl 0·6, ec 5·8. W115°-272°(157°), R272°-115°(203°).</i> Unreliable (T) 2001
						19	*
2530·2	- KING GEORGE DOCK. Entrance, E side, Lts in line 347°. Front	53 44·4 0 16·3	VQ Y	...	...	Yellow △ on yellow beacon	PA. Marks E side of dredged channel. 2 F G(vert) 280m W
	----	...	Bell(3) 10s				*
2530·21	----- Rear	53 44·4 0 16·3	VQ Y	...	...	Yellow △ on yellow beacon	PA
*	*	*	*	*	*	*	*
2531	- East Bullnose	53 44·3 0 16·2	2 F G(vert)	...	...	Pile	Marks downstream extremity of dolphins and piles. PA
	*	*		*		*	*
3881·7	- Creag Mhòr, Dir Lt 147°	58 27·0 5 02·4	Dir Oc WRG 2·8s	16	9	...	<i>ec 0·1. R136·5°-146·5°(10°), W146·5°-147·5°(1°), G147·5°-157·5°(10°)</i>
	*		*				*
5294	- W end	51 41·9 5 05·1	3 F R(vert)	6			
		...	Horn(2) 30s	...	...	...	TD 2001
		*					*
5298	- W end	51 41·8 5 03·3	3 F G(vert)	8			
		...	Horn(3) 30s	...	...	...	TD 2001
		*					*
5507	Nelson Point	51 29·9 2 42·5	Fl R 3s	9	3	White mast	Fl R 2s (T) 2001
						7	*
5751·4	<i>Remove from List</i>						

Volume C, 2000. Weekly Edition No. 18, Dated 3rd May, 2001.

Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

1788	- KARREBÆKSMINDE	55 10·6 11 38·6	Oc WRG 10s	9	W 9 R 7 G 7	Grey framework tower	<i>ec 2. G326°-028·5°(62·5°), W028·5°-067·5°(39°), R067·5°-090°(22·5°). Fl(4)Y 10s marks fish farm 5M W. Lights are shown in Karrebæk Fjord, Karrebæksminde-Næstved Canal and Stenbæksholm</i>
		*			*	*	*

V

Volume C *continued*.

1792	-- S Mole. Head	55 10:5 11 38:3	Fl G 3s	4	5	Green pipe	2	Fl R 3s and Fl G 3s and Siren 30s mark the navigational opening of Karrebæksminde Bridge; Traffic Signals. Iso R 2s and Iso G 2s mark leads to the Næstved Canal
					*		*	*
6676-8	- Fifång	58 50:6 17 43:5	Fl(3)WRG 9s	7	W 10 R 7 G 6	White hut, red band		G163°-169:3°(6:3°), W169:3°-171:8°(2:5°), R171:8°-175:4°(3:6°), G175:4°-244:6°(69:2°), R244:6°-311:7°(67:1°), G311:7°-351:6°(39:9°), W351:6°-359:1°(7:5°), R359:1°-004°(4:9°), G004°-017:4°(13:4°). Floodlit
								*
6677	- Sankhällan	58 52:3 17 42:8	Q WRG	6	W 10 R 7 G 6	Red hut, white base		G086:7°-180:1°(93:4°), W180:1°-185:4°(5:3°), R185:4°-192:9°(7:5°), G192:9°-204:6°(11:7°), W204:6°-216:3°(11:7°), R216:3°-270:1°(53:8°), G270:1°-340:3°(70:2°), W340:3°-345:9°(5:6°), R345:9°-086:7°(100:8°). Floodlit
								*
6677-4	- Svarthäll	58 51:9 17 40:2	Fl(2)WRG 6s	5	W 8 R 5 G 4	Lantern on white hut, green band		G057:8°-070:2°(12:4°), W070:2°-071:2°(1°), R071:2°-158:1°(86:9°), G158:1°-218:1°(60°), W218:1°-225:7°(7:6°), R225:7°-244:6°(18:9°), G244:6°-271:3°(26:7°), R271:3°-284°(12:7°)
								*

Volume D, 2000/01. Weekly Edition No. 18, Dated 3rd May, 2001.
Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

1512	- Rosape. Punta Lamiaren. Entrance. S side	43 25:0 2 42:8	Fl(2)WR 10s	36	W 7 R 7	White building		<i>fl 1, ec 1:5, fl 1, ec 6:5.</i> R108°-204°(96°), W204°-232°(28°). TE 2001
								*
	BARIZO							
1728-5	- Breakwater. Head	43 18:8 8 52:8	Fl G 5s	...	3	Green tower		<i>fl 0:5</i>
*	*	*	*	*	*	*	*	*
1740	Cabo Toriñana	43 03:2 9 17:9	Fl(2+1)W 15s	63	24	White and green tower	14	<i>fl 0:2, ec 2:2, (fl 0:2, ec 6:1) x 2</i> Vis 340:5°-235:5°(255°). Racon. TR 2001
								*
1788	- PUERTO DE MUROS. Outer breakwater. Head	42 46:7 9 03:3	Fl(4)R 13s	8	4	White round tower	6	<i>(fl 1, ec 1:5) x 3, fl 1, ec 4:5.</i> TE 2001
								*

V

Volume D *continued.*

2232-8	- Barra	37 03-4 7 43-4	Fl W 8s	6	7	White concrete pedestal 5	<i>fl 1</i>	*
2799-2	- Roque del Palo	28 09-8 15 23-9	Q(3)W 10s	11	8	⊕ on black post, yellow band on concrete base 6	<i>(fl 0-5, ec 0-5) x 2, fl 0-5, ec 7-5.</i> TE 2001	*
2829	- Punta Abona	28 08-8 16 25-5	Fl(3)W 20s	53	17	White round tower, red bands, 2 galleries on dwelling 39	<i>(fl 0-3, ec 3-6) x 2, fl 0-3, ec 11-9.</i> Vis 213-6°-040-3° (186-7°)	*
2844-6	- PUERTO DE SAN SEBASTIAN. Marina. Basin	28 05-1 17 06-4	Fl(2)G 7s	6	1	Green post 3	<i>fl 0-5, ec 1-5, fl 0-5, ec 4-5.</i>	*
2844-65	- - - -	28 05-1 17 06-4	Fl(2)R 7s	6	1	Red post 2	<i>fl 0-5, ec 1-5, fl 0-5, ec 4-5.</i>	*
2844-67	<i>Remove from List</i>							
2844-75	- - - W corner	28 04-9 17 06-5	Fl G 5s	6	3	Green post 3	<i>fl 0-5.</i>	*
4400	- Ilha da Quissanga	6 02-1 12 37-2	Fl W 3s	6	6	White triangular tower 8	<i>fl 0-3</i>	*
4600-1	-- Sacra-Ambaca. Rear. 2-2M from front	5 52-1 13 03-0	Iso R 4s	9	16	Tower, round base 7	Vis over an arc of 5°	*
4616	- Libulu. Ldg Lts 141°. Front	5 54-5 13 07-2	Iso W 2s	10	20	White △ on tower, square base 6		*
4616-1	--- Rear. 400m from front	5 54-7 13 07-4	Iso W 4s	45	20	White ▽ on metal framework tower 2		*
4630	- Rocha Libulu	5 54-0 13 08-1	Fl R 4s	4	15	Square framework tower 2	<i>fl 1</i>	*
4638	- Ponta Bumbu	5 52-6 13 10-4	Fl R 4s	10	15	Square framework tower 2	<i>fl 1</i>	*
4648	- Ponta Quinzambi	5 52-1 13 12-3	Fl R 4s	40	15	Tower, square base 6	<i>fl 1</i>	*

V

Volume D *continued.*

4654	- Ponta Macala	5 51·9 13 13·5	Fl R 4s	32	15	Metal framework tower 2	<i>fl 1</i>	*
4660	- Ponta Senga	5 52·3 13 15·7	Fl R 4s	37	15	Metal framework tower 2	<i>fl 1</i>	*
4670	- Ponta Andila	5 53·1 13 17·4	Fl R 4s	7	15	Metal framework tower 2	<i>fl 1</i>	*
4680	- Rochas de Senga-Bongo	5 53·8 13 19·1	Fl R 4s	9	15	Round platform 7	<i>fl 1</i>	*
4684	- Ponta Tridente	5 54·1 13 20·0	Fl R 4s	5	15	Metal framework tower 2	<i>fl 1</i>	*
4691·9	- Ldg Lts 114°. Muzuku. Rear. 330m from front	5 54·6 13 22·1	Iso W 4s	52	20	White ▽ on metal framework tower 2		*
4692	--- Common front	5 54·5 13 22·0	Iso W 2s	10	20	White △ on metal framework tower 2		*
4692·1	- Ldg Lts 198°. Diamantes. Rear. 0·84M from front	5 55·3 13 21·7	Iso W 4s	62	20	White ▽ on metal framework tower 2		*
4704	- Zingola	5 54·0 13 22·4	Fl R 4s	7	15	Metal framework tower 2	<i>fl 1</i>	*
4708	- Rocha Diamantes	5 52·3 13 23·2	Fl R 4s	9	15	Round platform 7	<i>fl 1</i>	*
4714	- Nôqui. Ldg Lts 095°. Front	5 52·3 13 25·5	Iso W 2s	12	20	Metal framework tower 2		*
4714·1	--- Rear. 0·59M from front	5 52·3 13 26·0	Iso W 4s	62	20	White ▽ on metal framework tower 2		*
4730	- Pedra de Nôqui	5 52·0 13 25·9	Fl R 4s	10	15	Elliptical tower on rocks 2	<i>fl 1</i>	*

V

Volume D *continued.*

5228-2	-- SW corner	10 43·7 13 45·1	F G	5	3	Column	3		*
5240	Gunza-Kabolo (Novo Redondo). N corner of fortress	11 11·5 13 50·2	Fl W 3s	33	8	Black column, white dwelling	7		*
5400	- Ponta do Giraúl	15 08·2 12 06·7	Fl W 5s	30	18	White square tower and dwellings	24	<i>fl 0·7</i>	*
5414	- Ponta Noronha	15 11·3 12 07·5	Fl WG 3s	39	W 7 G 6	White tower, black band		<i>fl 0·3. G055°-115°(60°) over Baixo Amélia, W115°-055°(300°)</i>	*
5419	-	15 12·2 12 07·9	Aero F R	94	9	White metal framework tower, red bands		Obstruction	*
5798	-- Stompneus Point	32 42·2 17 59·0	Fl W 3s	11	10	Square white masonry structure, white lantern, green top	8	<i>fl 0·3</i>	
					*		*		
5846	- Ore Loading Jetty. Head	33 02·1 17 59·0	F G	13	12	Framework tower	11	G vertical strip light. Same structure as D5847·1	
		...	Horn 20s	...	...		...	<i>bl 2</i>	*
6524	Boa Paz. On sand dune	24 57·8 34 10·3	Fl(3)W 10s	74	15	White round tower	8	<i>(fl 0·3, ec 1·9) x 2, fl 0·3, ec 5·3</i>	*
6536	Barra Falsa. Close to Ponta de Barra Falsa	22 56·7 35 35·6	Fl(2)W 10s	124	18	White square tower	14	<i>fl 0·3, ec 2·3, fl 0·3, ec 7·1</i>	*

Volume E, 2000/01. Weekly Edition No. 18, Dated 3rd May, 2001.

Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

0273	- PUERTO DE SAN ANTONIO. Punta Xinxó	38 58·3 1 17·0	Fl(2)G 7s	9	5	Green △ on green column, on white tower	8	<i>fl 0·5, ec1·5, fl 0·5, ec4·5. Vis 075°-275°(200°)</i>	
	*		*			*	*		*
0311	-- Pier. SE corner	39 25·3 3 15·8	Fl(3)R 8s	5	3	Red □ on red column on white hut	2	<i>(fl 0·5, ec 1·0) x 2, fl 0·5, ec 4·5</i>	
			*						*
0316-4	-- Pier Interior. NE Elbow	39 30·2 2 44·9	Fl (2+1)R 11·5s	8	1	Red tower, green band	7	<i>fl 0·5, ec 1, (fl 0·5, ec 4·5) x 2</i>	
	*		*		*	*	*		*

V

Volume E *continued.*

0328·42	-- Club De Mar. Can Barbará Pier. T Head. S end	39 33·4 2 37·8	Fl(2+1)R 15s	5	1 Red column, green band 4	<i>fl 0·5, ec 1·5, fl 0·5, ec 4·5, fl 0·5, ec 7·5</i>
	*				*	*
0329	- PALMA NOVA. Breakwater. Head	39 31·5 2 32·6	Fl(4)G 11s	7	5 Green △ on green column on white tower 6	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4·5</i>
	*				*	*
0332·5	- PUERTO ADRIANO. Mole Head	39 29·5 2 28·7	Fl(2)G 6·5s	6	5 Green tower 2	<i>fl 0·5, ec 1, fl 0·5, ec 4·5</i>
	*				*	*
0333	- SANTA PONZA. W Breakwater. Head	39 30·9 2 28·0	Fl(3)G 8s	10	5 Green column on white base 5	<i>(fl 0·5, ec 1) x 2, fl 0·5, ec 4·5</i>
	*		*		*	*
0333·2	-- Punta de La Caleta. (Sports Harbour)	39 30·8 2 28·0	Fl(3)R 8s	10	3 Red column on white base 4	<i>(fl 0·5, ec 1) x 2, fl 0·5, ec 4·5</i>
			*		*	*
0396·64	- W Breakwater. Head	41 15·1 1 54·1	Fl(3)R 9s	4	3 Red tower 3	<i>(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5</i>
						*
0434·73	---	41 23·3 2 12·3	Q(3)W 10s	6	5 ⬠ on black post, yellow band	<i>(fl 0·5, ec 0·5) x 2, fl 0·5, ec 7·5.</i> TE 2001
						*
0466·7	- MARINA DE PALAMÓS. Pier. Head	41 50·7 3 08·2	Fl(4)G 10s	11	5 Green tower 8	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 3·5</i>
						*
0946	- Isolotti I Corcelli	41 18·1 9 24·1	Fl(2)W 10s	22	11 White stone tower, red band 12	<i>fl 1, ec 2, fl 1, ec 6</i>
			*			
1507	- Punta Mattonara. Beacon	42 06·5 11 45·9	Fl R 6s	...	5	
*	*	*	*	*	*	*
2045·2	- 190m off Pontile di Levante. Pier No 2	38 12·8 15 16·2	2 F GR(vert)	10	5 Red mast, green band, on platform 5	2m apart. Private
			*			
4273	<i>Remove from List</i>					
4761	Nisís Megálo Sofrána	36 04·9 26 23·5	Fl W 10s	37	10 Metal framework tower on pedestal 6	<i>fl 0·5</i>
	*	*			*	*
5478·2	--- Rear. 1·55M from front	47 04·8 37 30·9	2 F R(vert)	86	22 Black metal framework tower 21	Vis on leading line only
		...	Whis			
			*			

V

Volume E *continued.*

5523 *Remove from List*

5523·1 *Remove from List*

5576 *Remove from List*

6023·37	- Jetty	29 01·8 32 38·2	Fl G 2s	...	...	...	Reported Fl R 10s and F G on new jetty 1M NNW 2001
							*
6037·25	Abu Tiq Marina. Beacon. No 7	27 24·5 33 40·7	Fl G 5s	5	1	...	<i>fl 0·5</i>
*	*	*	*	*	*	*	*
6037·26	-- No 8	27 24·5 33 40·7	Fl R 5s	5	1	...	<i>fl 0·5</i>
*	*	*	*	*	*	*	*
6696·2	-- SE corner	35 42·7 0 39·0	Iso G 4s	9	6	Black column 7	Vis 200°-019°(179°)
							*
6704·5	- E Jetty. Head	35 43·5 0 40·6	Fl R 4s	14	12	White mast, red top 12	<i>fl 1</i>
	*				*		

Volume F, 2000/01. Weekly Edition No. 18, Dated 3rd May, 2001.

Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

1695·6	- Karang Banteng (Buffalo Rock) (i)	1 09·4 103 48·9	Q W	16	13	△ on yellow structure, black top	Ra refl. Racon. Reported TE 2001
							*
1974·5	- Kuala Sungai Telaga	6 50·4 117 02·1	Fl R 5s	7	5	Red □ on red beacon	
*	*	*	*	*	*	*	*
3587·4	<i>Remove from List</i>						
3908·5	- B2	38 56·1 118 01·2	Fl G 4s	...	...	Green buoyant beacon	
*	*	*	*	*	*	*	*
3908·7	- 0	38 56·6 117 56·8	Iso W 4s				
*	*	*	*	*	*	*	*
3908·8	<i>Remove from List</i>						
3909·3	<i>Remove from List</i>						
3909·6	<i>Remove from List</i>						
3909·8	<i>Remove from List</i>						
3910·5	<i>Remove from List</i>						
3911	<i>Remove from List</i>						
3911·5	-- D-1	38 58·3 117 47·8	Fl(2+1)G 12s	...	...	Green △ on green buoyant beacon, red band	
						*	*
3911·6	<i>Remove from List</i>						

V

Volume F *continued.*

3911-8	<i>Remove from List</i>							
3970	- Lt V	40 31.1 121 58.9	Fl W 12s	11	10	"Yingkou" on red hull, white deck	Racon	*
5955-04	--- S Head	34 28.9 135 21.9	Fl G 4s	13	4	White tower 11		
				*	*			
6691-2	Osawa Kō	41 25.5 140 08.6	Fl(2)G 6s	11	3			
	*		*	*	*			
6783	- W Breakwater. Head	42 14.5 142 33.2	Iso G 6s	14	3	White round concrete tower 8		
		*		*	*	*		
6794-5	Erimo Misaki	42 03.6 143 03.9	Fl R 3s	11	3			
			*	*	*			
7005	Yobetsu Kō. N Breakwater. Head	43 19.8 140 23.0	Fl(2)R 6s	14	5	Red round concrete tower 5		
		*	*	*	*	*		
7005-2	Kawashiri Kō. Offing Breakwater. Head	43 12.9 140 19.9	Fl G 3s	12	3	White tower 5		
		*		*	*	*		
7055-05	-	40 36.4 139 51.9	Fl(2)R 6s	10	3			
			*	*	*			
7077-4	Kosagawa Kō. No 1 Breakwater. Head	39 07.1 139 52.7	Fl R 4s	12	3			
*	*	*	*	*	*	*		*
7087-3	<i>Remove from List</i>							
7102	- Ogi Kō. Breakwater	37 48.7 138 17.9	Fl G 3s	13	7	White round concrete tower 10		
		*		*	*	*		
7124-5	- N Breakwater. Head	37 12.8 138 16.0	Fl R 4s	5	5			
			*	*	*			
8194-8	Ostrov Nunzangan	64 36.8 172 20.3	LFl W 5s	...	10			
			*					
8212	Sklon	65 30.8 171 39.0	Fl W 5s	...	10			
					*			
8217	- Lavrentiya	65 35.6 171 01.8	Fl W 5s	...	3			
*	*	*	*	*	*	*		*

V

Volume G, 2000/01. Weekly Edition No. 18, Dated 3rd May, 2001.

Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

0552	- Ponta das Cabeçadas	26 55.5 48 37.3	AlFl WWR 30s W109000 R26000	57	W 31 R 25	White metal column on white square masonry base	(W fl 1, ec 9) x 2, R fl 1, ec 9. TE 2001
							*
1260	Cabo Virgenes	52 20.0 68 21.2	Fl W 5s	69	24	White metal framework tower with central column, black bands, red brick dwelling 26	fl 0.7. For continuation Westward see G1402. Platforms marked by lights AM-2 13.3M SSE, AM-3 11.8M SSE, AM-5 14.8M SSE, AM-6 18.6M SSE
	- Jesus	...	Fl R 5s	...	5	Same structure	fl 1. Vis 296°-316°(20°) *
5379.4	- Norway Island. NW end	48 58.9 123 37.6	Fl Y 4s	3	...	Mast	Shown year round. Privately operated from 30/4-1/10 *
			*				
5394	- Ldg Lts 196° 07'. Race Point. Front	49 00.8 123 35.1	F Y	7	9	White round tower 4	Vis 343°-094°(111°). R lights on radio tower 200m S *
			*				

Volume H, 2000/01. Weekly Edition No. 18, Dated 3rd May, 2001.

Last amendment: Weekly Edition No. 16, dated 19th April, 2001.

0486	-- Point of Beach	47 41.4 53 12.9	F R	11	6	White □ on framework tower 6	Fl R (T) 2001
							*
0928	- Boughton River. Ldg Lts 303° 50'. Banks Point. Front	46 15.5 62 25.4	Q W	10	...	White tower, red stripe 5	Seasonal *
0928.1	--- Juniper Point. Rear. 0.74M from front	46 16.0 62 26.3	Iso W 4s	23	...	White tower, red stripe 20	Seasonal *
0930	- Breakwater. Head	46 13.2 62 24.6	Fl R 3s	6	5	Square framework tower 5	fl 1. Seasonal *
0931	- S Breakwater	46 13.2 62 24.6	Fl G 4s	5	...	Square framework tower 3	Seasonal *
0937	-- Railway Wharf	46 10.6 62 32.2	F R	11	6	Square framework tower 10	Seasonal *
0939	-- Lower Montague. Wharf. Head	46 10.2 62 33.8	Fl G 4s	5	...	Framework tower 3	Seasonal *

V

Volume H *continued.*

0954	- S side. Oldstore Point. Ldg Lts 234° 04'. Front	46 01:3 62 28:7	F R	6	... White square tower, red stripe	Vis on leading line only. Seasonal
						*
0954-1	---- Rear. 0:75M from front	46 00:9 62 29:6	F R	18	... White square tower, red stripe	Vis on leading line only. Seasonal
				14		*
0956	- Beach Point. E Breakwater. Head	46 01:0 62 29:2	Fl G 4s	5	... Square framework tower	Seasonal
				4		*
0957	- Machons Point. Ldg Lts 273° 04'. Front	46 01:1 62 30:7	F Y	7	... White □, red stripe, on red framework tower	Vis in line of range from 272° 20'. Seasonal
				6		*
0957-1	--- Rear. 132:1m from front	46 01:1 62 30:8	F Y	11	... White □, red stripe on red framework tower	Vis in line of range from 272° 20'. Seasonal
				5		*
0958	- Murray Harbour Village. Ldg Lts 233° 44'. Front	46 00:4 62 31:5	F R	6	... White □, red stripe, on square metal framework tower	Vis on leading line only. Seasonal
				6		*
0958-1	--- Rear. 100:9m from front	46 00:4 62 31:6	F R	9	... White □, red stripe, on square aluminium framework tower	Vis on leading line only. Seasonal
				7		*
0964	- Ldg Lts 002° 19'. E Training Pier. Head. Front	45 56:9 62 45:1	F Y	7	6 White square tower, red stripe	Vis on leading line only. Seasonal
				6		*
0964-1	-- Rear. 162m from front	45 57:0 62 45:1	F Y	11	7 White square tower, red stripe	Seasonal
				10		*
1173-1	-- Rear. 328m from front	46 27:9 62 04:2	Iso G 4s	14	... White □, red stripe, on framework tower	Vis on leading line only. Seasonal
				9		*
			*			*
1906	Cape Whittle. Cormorant Rocks	50 09:8 60 03:7	Fl W 15s	24	15 Framework tower	Emergency light. Winter light Fl W 6s
	*		*		15	*
2052	-- Port-du-Moulin. Ldg Lts 239° 17'. Front	49 14:9 68 08:3	Iso R 3s	34	... Orange □, white stripe, on tank	Private
		... Horn(4) 30s	...	...	...	Private. Occas
		*	*			*

V

Volume H *continued.*

2496	Tétreaultville. Ldg Lts 204°48'. Front	45 35.8 73 30.6	F G	14	... Orange $\triangleleft$ on white round tower 7	Vis on leading line. Also Vis 205°-340°(135°)
		...	F W *	14 *		
3465	- N entrance. Hart Island. Ldg Lts 169°49'. Front	45 20.6 60 59.5	F R	6	... White $\triangleleft$, red stripe, on framework tower 7	Intens on leading line only
		...	Horn 30s	...	...	bl 3. Horn points 348° *
3794	- Big Ledge	43 31.2 65 44.7	Fl W 6s	6	12 White square tower red top 6	fl 1
		...	Horn 30s *	...	...	bl 3. Horn points 201°
3916	Parkers Cove. E Breakwater. Head	44 48.8 65 32.4 *	LFl R 12s	6	7 Framework tower 7	fl 2. TE 2001 *
3954	-- Wharf. Head	45 23.4 64 19.2	F R	7	... Framework tower 6	 *
4032	- Cape Capstan	45 28.4 64 51.1	LFl W 12s	22	6 White square tower on white building 11	fl 2 *
4046	Grindstone Island. W end	45 43.3 64 37.3	Fl W 4s	19	7 White 6-sided tower 6	 *
4060	Cape Enragé	45 35.6 64 46.8 ...	Fl G 6s Horn(3) 60s	38 37	11 White square building 9 ... White building	Emergency light (bl 2, si 3) x 2, bl 2, si 48. Horn points 220° *
4064	Alma. Wharf. Head	45 36.0 64 56.7	Iso R 4s	8	... Framework tower	F R lights on 3 radio towers 3.5M N *
4083.2	--	45 16.4 66 02.4	F R	...	...	Private
*	*	*	*	*	*	*
4169	<i>Remove from List</i>					
4170	- FLAGG COVE. North Head. Fisherman's Wharf. W Head *	44 45.7 66 45.1	Fl R 6s	7	7 Framework tower 6	fl 1

V

Volume J, 2000/01. Weekly Edition No. 18, Dated 3rd May, 2001.
Last amendment: Weekly Edition No. 16, dated 19th April, 2001.

1266	Fourteen-Foot Bank	39 02·9 75 11·0	LFl(2)WR 20s	18	W 15 R 12	White tower and dwelling, black round base	<i>fl 2, ec 2, fl 2, ec 14.</i> W151°-332·5°(181·5°), R332·5°-151°(178·5°) over Brown and Joe Flogger shoals <i>bl 3. Sounded 15/3-15/12</i>
		...	Horn 30s	...	...	...	*
1551	- S Breakwater. S end. A	37 09·6 75 59·3	Fl Y 4s	4	...	Yellow ◇ on black framework tower	Private
	*					*	
1551·2	- N Breakwater. N end. B	37 10·2 75 59·6	Fl Y 4s	4	...	Yellow ◇ on black framework tower	Private
	*					*	
1551·3	- Boat Ramp. Entrance. No 1	37 10·2 75 59·6	Q G	5	...	Green □ on pile	Private. PA
*	*	*	*	*	*	*	*
1551·4	--- No 2	37 10·2 75 59·6	Fl R 2·5s	5	...	Red △ on pile	Private. PA
*	*	*	*	*	*	*	*
3209·1	-- Pipeline West	27 52·2 82 33·4	Q W	4	...	On dolphin	Private
*	*	*	*	*	*	*	*
3462	- Mobile Middleground. Ldg Lts 350°. Front	30 15·4 88 02·5	Q G	10	...	Red □, white stripe, on framework tower on piles	Vis 348°-352°(4°)
	*		*	*	*		*
3562	-- Ldg Lts A 354° 06'. Front	30 17·9 88 30·9	Q R	8	...	Red □, white stripe, on framework tower on piles	Intens on rangeline
	---- Passing light	...	Q R	9	4		
		*	*		*		*
3562·1	--- Rear. 0·5M from front	30 18·4 88 30·9	Iso R 6s	20	...	Red □, white stripe, on piles	Vis 352·1°-356·1°(4°)
	-- Passing light	...	Fl W 4s	4	6		
	*		*	*	*		
3564	-- Ldg Lts B 139° 48'. Front	30 17·0 88 30·6	Q W	8	...	Red □, white stripe, on framework tower	Intens on rangeline
	---- Passing light	...	Q W	8	6		
		*	*		*		*
3852	<i>Remove from List</i>						
4489·5	- No 22	32 20·0 64 45·0	Fl G 4s				
*	*	*	*	*	*	*	*
4489·75	- Shelly Bay Shoal Beacon	32 20·2 64 45·5	Fl(2)W 7·5s	...	...	Black ♂ on black beacon with red band	
*	*	*	*	*	*	*	*
4522	<i>Remove from List</i>						

V

Volume J *continued.*

5513·4	<i>Remove from List</i>						
5513·5	<i>Remove from List</i>						
5633·8	- Colison Point	18 27·5 64 26·7	Fl G 4s				
*	*	*	*	*	*	*	*
5637	Ginger Island. E end	18 23·6 64 28·3	Fl W 5s	152	14	Yellow tower 4	*

Volume K, 2001/02. Weekly Edition No. 18, Dated 3rd May, 2001.
Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

0851	- Ug Karang Sandung	1 03·3 100 23·4	Q(2)W 5s	18	12	Black ♂ on black beacon, red bands	<i>fl 0·5, ec 0·5, fl 0·5, ec 3·5.</i> TE 2001	*
0852	- Ug Karang Pasar Batung	1 03·8 100 24·3	Fl W 3s	14	11	White beacon	<i>fl 0·5. Ra refl.</i> TE 2001	*
0853	- Tg Cino	1 04·2 100 23·9	Fl G 5s	14	11	Green △ on green beacon	<i>fl 0·5. Ra refl.</i> TE 2001	*
1076·5	-	6 05·7 106 52·7	Fl R 5s	8	5	Red beacon	<i>fl 0·5. Destroyed (T) 2001</i>	*
2322·62	- Fort. Jetty	38 18·5 144 48·0	Fl W	...	2			
*	*	*	*	*	*	*		*
2619·2	- Point. 0·3M SW	34 04·8 151 09·8	Q(9)W 15s	...	...	Σ on yellow beacon, black band		
*	*	*	*	*	*	*		*
2619·56	<i>Remove from List</i>							
2619·675	- Burraneer Bay	34 04·2 151 07·9	Q W	...	...	△ on yellow beacon, black top		
*	*	*	*	*	*	*		*
2621·1	--	34 04·2 151 08·5	Q W	...	...	△ on yellow beacon black top		
*	*	*	*	*	*	*		*
2631·35	-- N Side	33 59·8 151 08·7	Fl Y 5s					*
2631·925	-- Bald Face Point	34 00·2 151 06·1	Fl G 3s	...	...	Green △ on beacon		
*	*	*	*	*	*	*		*

V

Volume K *continued*.

4783	- Passe de Thio. Thio	21 32·2 166 17·4	VQ(3)W 5s	6	7	⚡ on black buoyant beacon, yellow band	Ra refl	*
4785·6	- Recif Maronu. N end. Passes de Houailou	21 09·4 165 44·8	VQ(9)W 10s	...	5	∇ on yellow buoyant beacon, black band	Ra refl	*
4795	- Passe de Goro. E side	22 19·8 167 02·0	Fl W 4s	25	11	White tower 26	<i>fl 1.</i> Racon. TR 2001	*

Volume L, 2001/02. Weekly Edition No. 18, Dated 3rd May, 2001.

Last amendment: Weekly Edition No. 17, dated 26th April, 2001.

0322	Rotasundet	61 36·5 5 00·7	Q R	5	1	Metal column 4	Private	
								*
0754·1	--- E Mole. Head	62 28·0 6 01·4	Lit	...	...	...	Floodlight	
*	*	*	*	*	*	*		*
0754·2	--- Outer	62 27·9 6 01·3	Iso R 2s					
*	*	*	*	*	*	*		*

VI

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

See also Notices to Mariners Nos. 3 of 2001

Weekly Edition No. 18 dated 3 May 2001

In order to maintain and improve the accuracy of the information contained in the Admiralty List of Radio Signals it would be of great assistance if users could advise the United Kingdom Hydrographic Office of any amendments relating to Maritime Radio Services.

New, additional or corroborative information is always welcome. Any amendments may be listed on this sheet and forwarded to the address below, stating whether the information is based on the announcement by, or has been verified with, the authority concerned.

Latest Weekly Notice received:

Description of amendment:

Station name and call sign:

ALRS volume:

Page No:

Details:

Admiralty List of Radio Signals
United Kingdom Hydrographic Office
Admiralty Way
Taunton
Somerset TA1 2DN
United Kingdom

Tel: +44 (0)1823 337900

Fax: +44 (0)1823 334752 for ALRS Direct or
+44 (0)1823 284077 for all other services

E-mail: alrs@ukho.gov.uk

Telex: 46274

Name of Sender and Date:

.....

Name of Ship:

Telex / Fax / E-mail:

Address:

.....

.....

.....

VI

VOLUME 1, 2000/01—PART 1

Published Wk 30/00

(Last Amendments: Weekly Edition No. 17 dated 26 April 2001)

NIL

18/01

VOLUME 1, 2000/01—PART 2

Published Wk 30/00

(Last Amendments: Weekly Edition No. 16 dated 19 April 2001)

NIL

18/01

VOLUME 2, 2001

Published Wk 8/01

(Last Amendments: Weekly Edition No. 17 dated 26 April 2001)

NIL

18/01

VOLUME 3, 2000/01—PART 1

Published Wk 21/00

(Last Amendments: Weekly Edition No. 16 dated 19 April 2001)

NIL

18/01

VOLUME 3, 2000/01—PART 2

Published Wk 21/00

(Last Amendments: Weekly Edition No. 16 dated 19 April 2001)

NIL

18/01

VOLUME 5, 2000/01

Published Wk 24/00

(Last Amendments: Weekly Edition No. 14 dated 5 April 2001)

NIL

18/01

VOLUME 6, 2000/01—PART 1

Published Wk 43/00

(Last Amendments: Weekly Edition No. 17 dated 26 April 2001)

Page 122, **COWES**

Port, PROCEDURE, after section (5) insert:

(6) All vessels, regardless of size and length, are strongly advised to maintain a listening watch on VHF Channel 69 and listen to traffic reports and associated radio reports concerning movement of vessels within the harbour.

Cowes Harbour Notice 12/2001 (HH232/640/08 – E39) 18/01

After NOTE insert:

INCIDENT REPORTS:

(1) Any incident that reflects on the safe navigation of the Harbour of Cowes is to be reported immediately to the Harbour Master. Such incidents are considered to be those that involve:

- (a) Damage to vessels
- (b) Movement of or damage to navigational marks, harbour structures or shore facilities that could affect the use by other vessels
- (c) Close quarter situations between two or more vessels, which results in emergency action on the part of the vessels involved

(2) In these circumstances, an immediate report is to be made to the Harbour Master, preferably on VHF Channel 69 (Call: Cowes Harbour Radio) or by telephone, to be followed by a written report if requested.

(3) In the event of any incident causing personal injury or involving Safety of Life at Sea (SOLAS) the circumstances of which demand immediate action, then contact should be made with HM Coastguard on VHF Channel 16/67 (Call: Solent Coastguard), who will then co-ordinate the emergency services.

Continued on next page

VI

REPORTS OF OIL POLLUTION:

(1) In order that oil pollution may be effectively dealt with, mariners, occupants of recreational craft and other persons sighting significant patches of oil in the sea in the Harbour of Cowes are invited to report the sighting, giving the position, extent, description and direction of movement if possible.

(2) Reports should be made to:

- (a) Cowes Harbour Master's Office (Call: Cowes Harbour Radio) on VHF Channel 69 or by telephone
- (b) HM Coastguard Lee on Solent should be contacted on VHF Channel 16/67 or by telephone (02392 552100) if contact cannot be made with Cowes Harbour Master's Office

Cowes Harbour Notices 9/2001 and 10/2001 (HH232/640/08 – E36/E37) 18/01

VOLUME 6, 2000/01—PART 2

Published Wk 43/00

(Last Amendments: Weekly Edition No. 17 dated 26 April 2001)

NIL

18/01

VOLUME 6, 2000/01—PART 3

Published Wk 43/00

(Last Amendments: Weekly Edition No. 16 dated 19 April 2001)

NIL

18/01

VOLUME 6, 2000/01—PART 4

Published Wk 43/00

(Last Amendments: Weekly Edition No. 16 dated 19 April 2001)

Page 126, **UDANG OILFIELD**

Delete entry name **UDANG OILFIELD** and replace by: **BELIDA OIL TERMINAL**

MV Scorpio (HH080/018/09 – E6) 18/01

Page 192, **TONGHAE (DONGHAE)**

Pilots and Port, PROCEDURE, section (3), line 2, delete (a) 37°32'·5N 129°10'·5E (No 1) and replace by:

(a) 37°32'·3N 129°09'·1E (No 1)

South Korean Notice 12/121/01 (HH557/461/03 – E53) 18/01

VOLUME 6, 2000/01—PART 5

Published Wk 43/00

(Last Amendments: Weekly Edition No. 17 dated 26 April 2001)

Page 283, **LIMETREE BAY, HOVIC OIL TERMINAL (S. Croix)**

Pilots and Port, PROCEDURE, section (5), line 2, delete (approximately 3 n miles SE of No 1 Lt buoy) and replace by:

(about 3 n miles SE of Limetree Bay Channel Entrance No 2 Lt buoy)

18/01

NOTES, section (1), line 2, delete S and replace by: SSE

US Coast Pilot 5 – US Notices 10/01 (HH080/025/05 – E26) 18/01

VOLUME 8, 2001/02

Published Wk 12/01

(Last Amendments: Weekly Edition No. 15 dated 12 April 2001)

NIL

18/01

ADMIRALTY MARITIME COMMUNICATIONS NP289 – SECOND EDITION UNITED KINGDOM AND THE MEDITERRANEAN

Published Wk 15/01

(Last Amendments: Weekly Edition No. 15 dated 12 April 2001)

Amendments will be issued monthly.
The next amendment will be issued in week 20/01.

18/01

**ADMIRALTY MARITIME COMMUNICATIONS
NP290 – FIRST EDITION
CARIBBEAN**

**Comprehensive guide to maritime communications for small
craft and bluewater cruising**

**THE FIRST EDITION OF ADMIRALTY MARITIME COMMUNICATIONS NP290
WILL BE PUBLISHED MAY 2001. THE FORMAT WILL BE SIMILAR TO THE
SECOND EDITION OF NP289 AND WILL INCLUDE DETAILS ON:**

- Weather and Safety broadcasts (including islands in the N Atlantic)
- GMDSS and DSC procedures
- Navtex and SafetyNET information
- Marina and Port communications
- GPS and DGPS

18/01

HYDROGRAPHIC NOTE

(for instructions, see overleaf)

Date

Ref. No.

Name of ship or sender:

Address of sender:

.....

.....

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

General locality

Subject

Position. Lat Long

British Admiralty Charts affected Edition dated

Position fixing system used Datum set

Latest Weekly Edition of Notice to Mariners held

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

.....

Details:—

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

Signature of observer/reporter

HYDROGRAPHIC NOTE

Forwarding information for British Admiralty Charts and Hydrographic Publications

INSTRUCTIONS:—

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

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

HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

Name of ship or sender:

Address:

Ref. No.

.....

Date:

.....

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

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

Signature of observer/reporter