



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 10

6 March 2003

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

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

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

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GUIDANCE NOTES FOR ADMIRALTY NOTICES TO MARINERS ~ON-LINE~ (ANMO), (NOW INCLUDING SEARCHABLE UPDATES)

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

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

Access Details:

Software required: Adobe Acrobat (Portable Document Format (PDF))(Version 5.0).

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

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

www.ukho.gov.uk

- This will take you to the UKHO Home page.
- From the UKHO Home page, click on the ***Notices to Mariners*** button in the left-hand menu, which will open the NM Home Page.
- The NM Home Page will then offer access to the range of Admiralty Notices to Mariners services through a series of buttons at the top of the page:
 - *Weekly Notices to Mariners*
 - *Searchable NMs*
 - *NM Blocks*
 - *Annual NMs*
 - *Cumulative NM List*
 - *Small Craft NMs*
 - *NM Feedback Form*
- Click on the Option you require from the NM Home Page, and a further information page will open giving a brief explanation of each NM Service.
- To view another NM service option or return to the NM Home Page, click on the menu in the left-hand side of the page.

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

www.ukho.gov.uk/notices_to_mariners.html

Access using this route will take you directly to the NM Home Page.

Searchable Notices to Mariners:

The ANMO service has been further enhanced by the introduced of an interactive *search* facility to enable users to obtain Admiralty Chart and Navigational Publication Updates by individual chart and publication number.

The easy to use *nmwebsearch* facility will enable users to search the ANMO service for individual charts and publication updates including:

- Search by Chart or Publication updates from the latest edition
- Search by Chart or Publication updates from a previous NM
- Search by Chart updates between specified dates
- Search by individual NM by NM number/year

Content:

The *nmwebsearch* functionality will provide quick and easy access to:

- Chart and Publication update listings
- NM Chart and Publication Text updates
- NM Full Colour Blocks, Diagrams and Note updates
- Temporary and Preliminary NM updates

Direct access to Searchable Admiralty Notices to Mariners is also available at address:

www.nmwebsearch.com

A full explanation of all the ANMO facilities are given in the guidance notes on the Notices to Mariners Home Page under

the 'Read Me first' File: *NM Website guidance notes: PDF*

Details include:

- Full access and functionality details
- File content and description
- PC and Printer specifications

Help-Line

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

Tel: +44 (0) 1823 723366

Tel: +44 (0) 1823 337900 Ext.5030

Fax: +44 (0) 1823 251816

E-mail: helpdesk@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 and Coastguard Agency (MCA) for the purposes of complying with the carriage requirement for Notices to Mariners within Regulation 19.2.1.4 of the revised Chapter V of the Safety of Life at Sea (SOLAS) Convention, and is given legal effect through the Merchant Shipping (Safety of Navigation) Regulations, both of which, came into force 1 July 2002.

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I

EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

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EXPLANATORY NOTES

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

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

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 6 March 2003

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙517	South America - North-East Coast, Trinidad to Cayenne. <i>This partial new edition is limited to include lines of equal magnetic variation for the 2000 epoch and submarine cables.</i>	1:1,500,000	87	116, 118	£16·70
⊙520	South America - North-East Coast, Cayenne to São Luís. <i>This partial new edition is limited to include lines of equal magnetic variation for the 2000 epoch and submarine cables.</i>	1:1,500,000	95	116	£16·70
⊙2537	Mediterranean Sea, Maltese Islands, Għawdex (Gozo), Kemmuna (Comino) and the Northern part of Malta. <i>Includes amendments to depths in the approaches to Valletta from the latest British Government and Malta Maritime Authority surveys. The chart is now referred to WGS84 datum.</i>	1:50,000	24	40	£16·70
⊙2538	Mediterranean Sea, Maltese Islands, Malta. <i>Includes amendments to depths in the approaches to Valletta from the latest British Government and Malta Maritime Authority surveys. The chart is now referred to WGS84 datum.</i>	1:50,000	24	40	£16·70
⊙2644	France - North Coast, Île d'Ouessant to Île de Batz. <i>Includes changes to the "Off Ushant" (Ouessant) Traffic Separation Scheme. Also included are the limits of the Corsen-Ouessant Vessel Traffic Service, changes to depths from British Government surveys and amendments to submarine cables.</i> CAUTION - CHANGES TO THE OFF USHANT (OUESSANT) TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART. The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0000 UTC 1st May 2003. The previous edition of this chart should continue to be used until these changes are implemented. <i>Note:</i> The chart number of the previous edition (dated 17th February 1989) is to be changed to X2644 ; it will be updated independently and withdrawn shortly after the implementation date. <i>Note:</i> Copies of the existing chart can be obtained, until 1st May 2003, by ordering X2644 . <i>Note:</i> This chart is to be deleted from the list of charts affected by Former Notices 3445(P)/00, 2148(P)/02 and 2753(P)/02. <i>Note:</i> Chart X2644 remains affected by Former Notice 1100(P)/03.	1:150,000	16	17	£16·70

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 6 March 2003 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
©2649 INT 1063	International Chart Series, Celtic Sea, Western Approaches to the English Channel. <i>This partial new edition is limited to include changes to the "Off Ushant" (Ouessant) Traffic Separation Scheme. Also included are changes to depths and submarine cables. This chart is now referred to a WGS84 compatible datum.</i> CAUTION - CHANGES TO THE OFF USHANT (OUESSANT) TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART. The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0000 UTC 1st May 2003. The previous edition of this chart should continue to be used until these changes are implemented. <i>Note: The chart number of the previous edition (dated 12th August 1999) is to be changed to X2649; it will be updated independently and withdrawn shortly after the implementation date.</i> <i>Note: Copies of the existing chart can be obtained, until 1st May 2003, by ordering X2649.</i> <i>Note: On publication of this New Edition Former Notice 4123(P)/00 is cancelled. This chart is to be deleted from the list of charts affected by Former Notices 3445(P)/00, 3520(P)/00, 4119(P)/00, 768(P)/01, 877(P)/01, 3243(P)/01, 3335(P)/01, 2148(P)/02, 2366(P)/02, and 2753(P)/02.</i> <i>Note: Chart X2649 remains affected by Former Notice 1100(P)/03.</i>	1:500,000	1	16, 17	£16.70
©2655	English Channel, Western Entrance. <i>This partial new edition is limited to include changes to the "Off Ushant" (Ouessant) Traffic Separation Scheme. Also included are the limits of the Corsen-Ouessant Vessel Traffic Service and changes to depths and submarine cables.</i> CAUTION - CHANGES TO THE OFF USHANT (OUESSANT) TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART. The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0000 UTC 1st May 2003. The previous edition of this chart should continue to be used until these changes are implemented. <i>Note: The chart number of the previous edition (dated 21st February 2002) is to be changed to X2655; it will be updated independently and withdrawn shortly after the implementation date.</i> <i>Note: Copies of the existing chart can be obtained, until 1st May 2003, by ordering X2655.</i> <i>Note: This chart is to be deleted from the list of charts affected by Former Notice 2753(P)/02.</i> <i>Note: Chart X2655 remains affected by Former Notice 1100(P)/03.</i>	1:325, 000	1	17	£16.70

*UK (RRP) means UK recommended retail price.

© denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 6 March 2003 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
©2675 INT 1070	International Chart Series, English Channel. <i>This partial new edition is limited to include changes to the "Off Ushant" (Ouessant) Traffic Separation Scheme. Also included are changes to submarine cables. This chart is now referred to a WGS84 compatible datum.</i> CAUTION - CHANGES TO THE OFF USHANT (OUESSANT) TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART. The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0000 UTC 1st May 2003. The previous edition of this chart should continue to be used until these changes are implemented. <i>Note:</i> The chart number of the previous edition (dated 11th November 1999) is to be changed to X2675; it will be updated independently and withdrawn shortly after the implementation date. <i>Note:</i> Copies of the existing chart can be obtained, until 1st May 2003, by ordering X2675. <i>Note:</i> On publication of this New Edition Former Notices 285(P)/00 and 450(P)/00 are cancelled. This chart is to be deleted from the list of charts affected by Former Notices 820(P)/00, 3445(P)/00, 3520(P)/00, 2148(P)/02 and 2753(P)/02. <i>Note:</i> Chart X2675 remains affected by Former Notice 1100(P)/03.	1:500,000	1	16, 17, 20	£16.70
5500	Mariners' Routing Guide, English Channel and Southern - North Sea. <i>This partial new edition is limited to include changes to the "Off Ushant" (Ouessant) Traffic Separation Scheme.</i> CAUTION - CHANGES TO THE OFF USHANT (OUESSANT) TRAFFIC SEPARATION SCHEME - NEED TO RETAIN PREVIOUS EDITION OF THIS CHART. The routing information and associated buoyage on this chart take into account the changes scheduled for implementation at 0000 UTC 1st May 2003. The previous edition of this chart should continue to be used until these changes are implemented. <i>Note:</i> The chart number of the previous edition (dated 27th June 2002) is to be changed to X5500; it will be updated independently and withdrawn shortly after the implementation date. <i>Note:</i> Copies of the existing chart can be obtained, until 1st May 2003, by ordering X5500. <i>Note:</i> Chart X5500 remains affected by Former Notice 1100(P)/03.		1	16, 135	£16.70

*UK (RRP) means UK recommended retail price.

© denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Reproductions of Australian Government Charts

Chart	Published	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙Aus 134	1/11/02	Australia - South Coast, South Australia, Port Lincoln and Approaches.	1:50,000	65	88	£16.70
		Port Lincoln Wharves.	1:7,500			
		Proper Bay.	1:10,000			
		<i>Includes general amendments throughout and new magnetic variation information for the 2000 epoch. The chart is referred to WGS84 and LAT, horizontal and vertical datums respectively.</i>				
⊙Aus 776	1/11/02	Australia - South Coast, South Australia, Williams Island to Winceby Island.	1:150,000	65	88	£16.70
		<i>Includes general amendments throughout and new magnetic variation information for the 2000 epoch. The chart is referred to WGS84 and LAT, horizontal and vertical datums respectively.</i>				

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 3 APRIL 2003

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
529	Brazil - Southern Coast, Recife to Cabo de São Tomé. <i>This partial new edition is limited to include lines of equal magnetic variation for the 2000 epoch.</i>	1:750,000	529
530	Brazil - Southern Coast, Cabo de São Tomé to Rio Grande. <i>This partial new edition is limited to include lines of equal magnetic variation for the 2000 epoch.</i>	1:1,750,000	530
556	South America - East Coast, Tramandaí to Mar del Plata. <i>This partial new edition is limited to include lines of equal magnetic variation for the 2000 epoch and changes to depths.</i>	1:1,750,000	556
3526	Gulf of Oman, United Arab Emirates, Ports of Khawr Fakkān and Fujayrah including the Offshore Anchorages. (A) Khawr Fakkān. (B) Port of Fujayrah and Vopak ENOC Terminal. (C) Offshore Anchorages and the Approaches to Khawr Fakkān and Fujayrah. <i>This partial new edition is limited to include changes to offshore anchorages, depths within the vicinity of Fujayrah and amendments to the coastline.</i>	1:20,000 1:20,000 1:50,000	3526

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

Admiralty Charts

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>On publication of New Chart/New Edition</i>
517	South America - North-East Coast, Trinidad to Cayenne.	517
520	South America - North-East Coast, Cayenne to São Luís.	520
2537	Mediterranean Sea, Maltese Islands, Għawdex (Gozo), Kemmuna (Comino) and the Northern part of Malta.	⊙2537
2538	Mediterranean Sea, Maltese Islands, Malta.	⊙2538
Aus 134	Australia - South Coast, South Australia, Port Lincoln and Approaches.	⊙Aus 134
Aus 776	Australia - South Coast, South Australia, Williams Island to Winceby Island.	⊙Aus 776

⊙ denotes chart available in the ARCS series.

II

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

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

⊙18	⊙883	⊙1411	⊙1892	⊙2172	⊙3164
⊙26	⊙1076	⊙1413	⊙1900	⊙2175	⊙3271
⊙28	⊙1078	⊙1438	⊙1901	⊙2253	⊙3272
⊙30	⊙1148	⊙1446	⊙1902	⊙2255	⊙3273
⊙31	⊙1149	⊙1464	⊙1906	⊙2268	⊙3274
⊙32	⊙1152	⊙1478	⊙1934	⊙2290	⊙3275
⊙34	⊙1156	⊙1481	⊙1951	⊙2345	⊙3284
⊙105	⊙1160	⊙1482	⊙1953	⊙2381	⊙3294
⊙106	⊙1161	⊙1484	⊙1967	⊙2382	⊙3295
⊙107	⊙1164	⊙1491	⊙1970	⊙2383	⊙3297
⊙108	⊙1165	⊙1503	⊙1971	⊙2449	⊙3298
⊙109	⊙1166	⊙1504	⊙1972	⊙2450	⊙3315
⊙111	⊙1167	⊙1512	⊙1973	⊙2451	⊙3319
⊙121	⊙1168	⊙1536	⊙1975	⊙2454	⊙3337
⊙129	⊙1169	⊙1543	⊙1977	⊙2482	⊙3418
⊙134	⊙1176	⊙1552	⊙1978	⊙2484	⊙3478
⊙147	⊙1178	⊙1594	⊙1981	⊙2565	⊙3490
⊙148	⊙1179	⊙1606	⊙1991	⊙2566	⊙3497
⊙152	⊙1182	⊙1607	⊙1994	⊙2567	⊙3683
⊙154	⊙1183	⊙1609	⊙2000	⊙2571	⊙3741
⊙156	⊙1185	⊙1610	⊙2007	⊙2572	⊙3746
⊙160	⊙1186	⊙1612	⊙2010	⊙2610	⊙3750
⊙175	⊙1187	⊙1613	⊙2011	⊙2611	
⊙190	⊙1188	⊙1626	⊙2013	⊙2615	
⊙210	⊙1190	⊙1627	⊙2021	⊙2625	
⊙323	⊙1191	⊙1634	⊙2022	⊙2628	
⊙442	⊙1192	⊙1652	⊙2035	⊙2629	
⊙536	⊙1200	⊙1698	⊙2036	⊙2631	
⊙728	⊙1239	⊙1826	⊙2037	⊙2642	
⊙733	⊙1267	⊙1827	⊙2041	⊙2655	
⊙734	⊙1320	⊙1828	⊙2044	⊙2656	
⊙735	⊙1344	⊙1834	⊙2045	⊙2693	
⊙736	⊙1346	⊙1835	⊙2052	⊙2695	
⊙737	⊙1406	⊙1859	⊙2093	⊙2696	
⊙741	⊙1407	⊙1866	⊙2094	⊙2793	
⊙777	⊙1408	⊙1867	⊙2151	⊙2841	
⊙871	⊙1410	⊙1882	⊙2154	⊙2878	

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

ADMIRALTY TIDE TABLES VOLUME 2 (2003) - Amendment to Table VI

The following two tidal stations should be re-numbered to maintain consistency with the relevant data published in Part III :

No 3095a should be amended to read 3095b to reflect data for Grondines.

No 3095b should be amended to read 3096b to reflect data for Trois Rivières.

The data for the new No 3096b remain unaffected, but the data for the new No 3095b are to be amended to read in the appropriate 10 columns as follows:

2	2.30	2.53	2.51	2.45	2.37	2.27	2.18	2.11	2.07
---	------	------	------	------	------	------	------	------	------

(HA.906/005/005/13)

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY NOTICES TO MARINERS - SECTION II CHANGE TO FORMAT OF NOTICES

1. In preparation for an upgrade to the user features on the Notices to Mariners part of the UKHO web site planned for later in the year, a change to the format of Updates to Standard Navigational Charts in Section II of the Weekly bulletin will be necessary. This change will be introduced from 3rd April 2003, on publication of Weekly bulletin 14. From that bulletin onwards, the updates for each chart within a Notice will be listed separately. An example of a Notice in the intended format is shown below:

915 SPAIN - North Coast - Canal de Los Meixidos Westwards - La Roda and Bajo de Los Meixidos - Depth. Less water.

Source: Spanish Notice 01/12/03

Chart 1756 [*previous update 914/03*] ED50

Insert	depth <i>16₃</i> enclosed by 20m contour	(a)	42° 46'·21N., 9° 11'·11W.
	legend, <i>Less Water Reported (2003)</i> , centred on:		42° 45'·40N., 9° 12'·20W.
Delete	depth <i>21</i>		close NE. of (a) above

Chart 3633 [*previous update 629/03*] ED50

Insert	depth <i>16₃</i> and extend 20m contour NE. to enclose	(a)	42° 46'·21N., 9° 11'·11W.
Delete	depth <i>21</i>		close NE. of (a) above
	depth <i>18</i>		close S. of (a) above

Chart 3764 [*previous update 914/03*] ED50

Insert	depth <i>16₃</i> enclosed by 20m contour	(a)	42° 46'·21N., 9° 11'·11W.
	legend, <i>Less Water Reported (2003)</i> , centred on:		42° 45'·40N., 9° 12'·20W.
Delete	depth <i>21</i>		close NE. of (a) above

2. Apart from listing the updates for each chart separately, changes include:

- minor differences in the title field reflecting a changed reference system of geographical areas
- the source or authority for the information on which the Notice is based will be repositioned under the title
- the horizontal reference datum for each chart affected will be shown after the chart number and the previous update number.

3. This new format is being introduced after extensive research and consultation with a number of Admiralty chart users. It is anticipated that most chart users will find this new format clearer than the existing format, particularly where the chart user holds only one or two of the charts affected within a Notice. Any comments or anticipated difficulties with this new format should be reported to:

Roger Teale

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Admiralty Way

Taunton

Somerset

TA1 2DN

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Fax: +44 (0) 1823 334917

4. The software format used for the Web Notices to Mariners services will remain Adobe Acrobat (Portable Document Format (PDF) - Version 5.0).

II

1262 MISCELLANEOUS UPDATES TO CHARTS

<i>Chart</i>	<i>Previous Update</i>	<i>Details</i>
20	775/03	Substitute accompanying note, CHARTS 2649 AND 2675: POSITIONS, for existing note, CHARTS 2649 and 2675 POSITIONS, centred on 47° 40'·0N., 1° 42'·0W.
36	5260/02	Delete note, CHART 2538: POSITIONS, centred on 35° 50'·05N., 14° 31'·93E.
177	923/03	Delete note, CHARTS 2537 and 2538: POSITIONS, centred on 35° 52'·83N., 14° 32'·35E.
194	786/03	Insert accompanying note, CHARTS 2537 AND 2538: POSITIONS, centred on 35° 48'·8N., 13° 55'·2E. Amend reference to read, 2537 (<i>see Note—POSITIONS</i>) in the following positions: 36° 10'·9N., 14° 35'·3E. 35° 54'·1N., 14° 03'·3E. Amend reference to read, 2538 (<i>see Note—POSITIONS</i>) in the following positions: 36° 00'·45N., 14° 46'·60E. 35° 43'·60N., 14° 14'·70E.
211	NC 23/01/03	Delete note, CHARTS 2537 and 2538: POSITIONS, within top right panel of the chart.
1034	NE 5/12/02	Substitute accompanying note, CHARTS 517 AND 520: POSITIONS, for existing note, CHART 520: POSITIONS, centred on 4° 52'·8N., 52° 28'·9W.
1123	887/03	Insert accompanying note, CHART 2649: POSITIONS, centred on 52° 08'·0N., 4° 10'·0W. Insert accompanying note, CHART 2675: POSITIONS, centred on 52° 03'·0N., 4° 10'·0W. Amend reference in S. border at longitude 8° 20'·0S. to read, <i>Adjoining Chart 2649 (see Note)</i> . Amend reference in W. border at latitude 50° 20'·0N. to read, <i>Adjoining Chart 2649 (see Note)</i> . Amend reference in S. border at longitude 5° 20'·0W. to read, <i>Adjoining Chart 2675 (see Note)</i> .
1125	3895/02	Insert accompanying note, CHART 2649: POSITIONS, centred on 53° 20'·0N., 9° 12'·0W. Amend reference in S. border at longitude 10° 50'·0W. to read, <i>Adjoining Chart 2649 (see Note)</i> .
3957	2984/02	Insert accompanying note, CHART 520: POSITIONS, centred on 3° 43'·5S., 41° 44'·2W.
3959	4858/02	Insert accompanying note, CHART 520: POSITIONS, centred on 1° 09'·2S., 49° 15'·42W.
3962	4858/02	Insert accompanying note, CHARTS 517 AND 520: POSITIONS, centred on 0° 24'·8N., 50° 51'·7W.

UK Hydrographic Office.

1114* ENGLAND, South Coast — Portsmouth Harbour — Portchester Lake Southwards — Z Moorings — Mooring buoys; Trot; Ground tackle; Legend

Insert	the accompanying block, showing amendments to mooring buoy, trot, ground tackle and legend, centred on:	
Substitute	 <i>Fl.Y.5s No 3</i> , for  No 3	(a) 50° 48'·83N., 1° 07'·40W. (b) 50° 48'·481N., 1° 07'·024W.

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

Chart [*Last correction*].— **2628** (a) [268/03] — **2629** [268/03] — **2631** (INT 1732) [268/03]
Port Surveyor, Queen's Harbour Master, Portsmouth (HH.238/410/07).

1118* ENGLAND — Thames Estuary — Long Sand — Foul; Wreck

Substitute	# for  Mast (3)	(a) 51° 42'·65N., 1° 32'·14E.
Delete		(b) 51° 42'·65N., 1° 32'·14E.

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

Chart [*Last correction*].— **1975** (a) [604/03] — **1183** (INT 1561) (a) [876/03] — **1610** (INT 1511) (b) [604/03]
Naval Party 1016 (mv *Confidante*) (HH.244/430/08).

II

1119* ENGLAND, East Coast — Approaches to the Thames Estuary — Sunk Precautionary Area — Radio reporting points; Pilot boarding places

- Amend the following radio reporting points to:
- | | | |
|---|-----|-------------------------|
| direction of vessel movement 030°/210°, centred on: | (a) | 51° 57'·0N., 1° 39'·4E. |
| direction of vessel movement 090°/270°, centred on: | (b) | 51° 50'·6N., 1° 52'·2E. |
| direction of vessel movement 135°/315°, centred on: | (c) | 51° 47'·5N., 1° 40'·5E. |
- Substitute legend, *Haven Ports, Thames & Medway*, for legend, DEEP DRAUGHT VESSELS (Thames, Medway & Felixstowe), (charts 1610, 1406 & 1408, legend, Deep Draught Vessels (Thames, Medway & Felixstowe), at ①, centred on:
- | | |
|-----|-------------------------|
| (d) | 51° 51'·4N., 1° 40'·5E. |
| (e) | 51° 50'·7N., 1° 40'·5E. |
| (f) | 51° 51'·7N., 1° 37'·0E. |
- Delete ① Thames, Medway & Haven Ports, centred on:

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

Chart [*Last correction*].— **1975** (c,d,f) [1118/03] — **2052** (INT 1560) (a,b,d,f) [4968/02] — **1183** (INT 1561) (b–d,f) [1118/03] — **1610** (INT 1511) (a–d,f) [1118/03] — **1406** (a–d,f) [766/03] — **1408** (a,b,e,f) [770/03]

Admiralty List of Radio Signals Vol. 6 (1), 2002/03: (2/03)
Port of London Authority (HH.244/440/05).

1120* ENGLAND, East Coast — River Humber — Immingham — Landmarks

- Insert symbol, chimney, *CHIMNEY* (a) 53° 37'·28N., 0° 10'·93W.
Delete symbol, chimney, CHIMNEY (123) close NW. of (a) above
symbol, chimney close WNW. of (a) above

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

Chart [*Last correction*].— **1188** (INT 1553) (a) [*New Edition 2/1/03*] — **109** (INT 1555) [378/03]
UK Hydrographic Office (HH.252/410/12).

1121* SCOTLAND, West Coast — Morvern Peninsula — Ardtornish Point — Light

- Amend light to, *Fl(2)WRG.10s8m8–6M* (a) 56° 31'·107N., 5° 45'·149W.
sectors at light, as follows: (a) above
White 302° – 308° (6°)
Red 308° – 342° (34°)
Remaining sectors unchanged

Chart [*Last correction*].— **2390** [883/03] — **2171** [883/03]
Light List Vol. A, 2002/03, 4124
Northern Lighthouse Board Notice 9/03 (HH.272/550/05).

1122* SCOTLAND, West Coast — Loch Linnhe — Approaches to Loch Creran — Sgeir Bhuidhe — Light–beacon

- Amend light–beacon to, *Fl(2)WR.7s8m9/6M* 56° 33'·6N., 5° 24'·6W.

Chart [*Last correction*].— **2378** [3080/01] — **2379** [3080/01]
Light List Vol. A, 2002/03, 4160
Northern Lighthouse Board Notice 32/02 (HH.272/660/05).

1123* SCOTLAND, West Coast — Firth of Clyde — Isle of Bute — Rothesay — Montford Eastwards — Diffuser; Obstruction; Outfall

- Insert ○ *Diffuser*, least depth 18₁ m (a) 55° 50'·04N., 5° 01'·15W.
○ *Obstn*, least depth 18₁ m (b) 55° 50'·04N., 5° 01'·08W.
outfall joining: (c) 55° 50'·08N., 5° 01'·45W.(shore)
(d) (b) above

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

Chart [*Last correction*].— **1906** (a) [*New Edition 30/1/03*] — **1907** (INT 1634) (b–d) [4888/02]
West of Scotland Water (HH.274/510/05).

1124* ENGLAND, West Coast — Morecambe Bay — Heysham Lake — Depths

- Insert depth 4₅ m enclosed by 5m contour (a) 54° 00'·47N., 2° 57'·73W.
Delete depth 5₆ m close NE. of (a) above

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

Chart [*Last correction*].— **1552** (INT 1641) (plan A, River Lune and Approaches to Heysham) [277/03] — **2010** (INT 1640) (a) [885/03]
Heysham Port Ltd (HH.206/430/06).

II

1125* ENGLAND — Bristol Channel — Bristol Deep — Buoy

Move E Mid Grounds light-buoy from: 51° 27'.97N., 2° 53'.56W.
to: 51° 28'.14N., 2° 53'.56W.

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

Chart [*Last correction*].— **1176** (INT 1654) [5337/02]
Trinity House Notice 2/03 (HH.218/430/09).

1126* ENGLAND, South Coast — Falmouth — Inner Harbour — Buoy; Works

Insert port-hand spar light-buoy with topmark, *Q.R* (a) 50° 09'.415N., 5° 03'.560W.
legend, *Works in progress* (2003), centred on: 50° 09'.415N., 5° 03'.455W.

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

Chart [*Last correction*].— **18** [1719/02] — **32** (INT 1720) (a) [5198/02]
Falmouth Harbour Commissioners Notice 3/03 (HH.232/430/10).

1127* ENGLAND, South Coast — Portsmouth Harbour — Inner Camber — Depth; Legend

Insert depth 1m (a) 50° 47'.466N., 1° 06'.398W.
Delete legend, 2-0m (b) 50° 47'.465N., 1° 06'.393W.
(c) 50° 47'.452N., 1° 06'.405W.

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

Chart [*Last correction*].— **2629** (a,b) [1114/03] — **2625** (a,c) [268/03] — **2631** (INT 1732) (a,c) [1114/03]
Portsmouth Commercial Port (HH.238/400/13).

1128 NORWAY, North Coast — Loppa Southeastwards — Submarine pipeline

Insert the accompanying note, SUBMARINE CABLES AND
PIPELINES, centred on: 69° 18'.90N., 22° 18'.30E.
submarine pipeline joining: 70° 19'.94N., 21° 26'.90E.(shore)
70° 19'.20N., 21° 32'.80E.(shore)

Chart [*Last correction*].— **2368** [5353/02]
Norwegian Chart 95 (HH.309/450/02).

1129 NORWAY, West Coast — Langsundet to Kågsundet — Langsundet, Lanes Westwards, Vannvåg, Nordeidet and Vortørøya — Lights

Amend light to, *Oc.WRG.6s17m11–8M* (a) 69° 59'.45N., 20° 38'.35E.
Insert sector at light, as follows: (b) (a) above
W 179° – 181° (2°)
★ *Iso.R.4s6m* (c) 70° 03'.17N., 19° 51'.24E.
Amend range of light to, *1M* (d) 70° 04'.37N., 19° 59'.65E.
(e) 69° 55'.40N., 19° 47'.30E.
light to, *Oc.WRG.6s4m5–3M* (f) 69° 58'.54N., 19° 40'.35E.

Chart [*Last correction*].— **2367** (c–f) [384/03] — **2368** (a–e) [1128/03]
Light List Vol. L, 2002/03, 3658, 3664, 3673, 3705.4, 3726
Norwegian Lights List & Norwegian Notice 20/872/02 (HH.309/440/03).

1130 NORWAY, West Coast — Andefjorden — Mebåen — Depths

Insert depth 10m (a) 69° 06'.58N., 16° 02'.02E.
Delete depth 12m close W. of (a) above

Chart [*Last correction*].— **2366** [385/03]
Norwegian Notice 2/104/03 (HH.309/420/04).

1131 NORWAY, West Coast — Andefjorden — Meløyvær — L. Bjønnh. — Light

Amend range of light to, *4M* 69° 05'.20N., 16° 28'.20W.

Chart [*Last correction*].— **2366** [1130/03]
Light List Vol. L, 2002/03, 3465
Norwegian Lights List 2002 (HH.309/420/04).

II

1132 NORWAY, West Coast — Approaches to Bodø — Einarsholmen — Grønholmrevet — Flesan and Langbåen — Depths

Insert	depth 1 ₃ m enclosed by ☉	67° 15′.38N., 14° 05′.38E.
	depth 6 ₃ m enclosed by ☉	(a) 67° 16′.87N., 14° 07′.78E.
	depth 7 ₉ m enclosed by ☉	67° 16′.98N., 14° 05′.68E.
	depth 9 ₁ m enclosed by ☉	(b) 67° 17′.18N., 14° 06′.32E.
	depth 4 ₈ m	(c) 67° 18′.67N., 13° 58′.38E.
	depth 4 ₅ m and extend danger line S. to enclose	
	(c) above	(d) 67° 18′.68N., 13° 58′.43E.
Delete	depth 14m	close E. of (a) above
	depth 18m	close W. of (b) above
	depth 46m	close W. of (c) above
	depth 6m with seabed character, R	close N. of (c) above
	depth 34m	close E. of (d) above

Chart [*Last correction*].— **3888** [5216/02]
Norwegian Notice 2/89/03 (HH.310/545/03).

1133 NORWAY, West Coast — Nordrana — Mo I Rana — Mjølan Southsouthwestwards — Depth

Insert	depth 1 ₆ m	66° 19′.783N., 14° 08′.600E.
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Chart [*Last correction*].— **3882 (plan, Mo I Rana)** [135/01]
Norwegian Notice 2/87/03 (HH.310/535/03).

1134 NORWAY, West Coast — Sotra, East Coast — Børnestangen — Legend

Insert	legend, R	60° 12′.55N., 5° 10′.08E.
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Chart [*Last correction*].— **3009** [613/03]
Light List Vol. B, 2002/03, 3794
UK Hydrographic Office (HH.310/445/07).

1135 NORWAY, West Coast — Selbjørnsfjorden — Bekkjarviksund — Light

Amend	sector at light, Oc.WRG.13m12–9M, as follows:	60° 01′.0N., 5° 12′.3E.
	<i>Green</i> 146° – 154° (8°)	
	Remaining sectors unchanged	

Chart [*Last correction*].— **3016** [613/03]
Light List Vol. B, 2002/03, 3762
Norwegian Notice 2/78/03 (HH.310/440/04).

1136 NORWAY, South Coast — Dramsfjorden — Drammen — Holmen — Lights; Leading line

Delete	★ F.G	(a) 59° 44′.25N., 10° 13′.97E.
		(b) close W. of (a) above
	leading line, pecked and firm line and associated legend, Leading Lights 269°	(c) extending in direction 089° from (a) above
	★ 2F.G.3M	(d) 59° 44′.25N., 10° 13′.90E.
	leading line, pecked and firm line and associated legend, 268° 30′	(e) extending in direction 088°30′ from (d) above

Chart [*Last correction*].— **3712 (plan B, Drammen)** (a–c) [3456/02] — **3154** (d,e) [614/03]
Light List Vol. B, 2002/03, 2471.2, 2471.21
Norwegian Notice 2/67/03 (HH.311/500/03).

1137 SWEDEN, West Coast — Göteborg — Göta Älv — Marieholm Northwards — Depth

Insert	least depth by wire sweep 6 ₁ m	57° 44′.32N., 12° 00′.02E.
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Chart [*Last correction*].— **857 (panel B, Göta Älv)** [753/03]
Swedish Notice 5/912/03 (HH.317/550/04).

1138 SWEDEN, West Coast — Göteborg — Rivö Fjord — Gäveskär Northeastwards — Buoy

Insert	port–hand can light–buoy, Q.R	57° 39′.881N., 11° 46′.458E.
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Chart [*Last correction*].— **857 (panel A, Hake Fjord to Älvsborgsfjorden)** [1137/03] — **858** [753/03]
Swedish Notice 5/921/03 (HH.317/530/02).

II

1139 SWEDEN, East Coast — Mälaren — Hjulstafjärden — Nybyholm Eastwards — Depth

Insert depth 76 m 59° 31'·671N., 17° 02'·276E.

Chart [*Last correction*].— **3141** (plan C, Hjulstafjärden) [392/03]

Swedish Notice 48/685/02 (HH.318/505/10).

1140 FINLAND, West Coast — Raahe — Light

Amend range of light to, 7M 64° 39'·2N., 24° 13'·7E.

Chart [*Last correction*].— **2301** [756/03] — **2252** [758/03]

Light List Vol. C, 2002/03, 4183

Finnish Notice 3/47/03 (HH.321/490/02).

1141 LATVIA — Užava — Radar beacon

Delete radar beacon, Racon(U), at light 57° 12'·55N., 21° 24'·88E.

Chart [*Last correction*].— **2288** [400/03]

Light List Vol. C, 2002/03, 3448

Admiralty List of Radio Signals Vol. 2, 2002/03: 57770

Latvian Notice 1/16/03 (HH.345/430/05).

1142 LATVIA — Approaches to Liepāja — Depths

Insert depth 15m enclosed by 15m contour (a) 56° 26'·62N., 20° 46'·85E.

Delete depth 174 m (b) 56° 26'·46N., 20° 48'·32E.

(c) close NW. of (a) above

Chart [*Last correction*].— **2289** (a,b) [48/03] — **2231** (INT 1277) (a,c) [4906/02]

Latvian Chart 2259 (HH.345/430/05).

1143 POLAND — Södra Midsjöbanken Southwards — Depth

Insert depth 189 m enclosed by 20m contour (a) 55° 32'·00N., 17° 24'·30E.

(b) 55° 31'·90N., 17° 24'·34E.

Chart [*Last correction*].— **2369** (a) [1006/03] — **2251** (b) [4983/02] — **2816** (b) [5474/02]

Polish Chart 255 (HH.165/410/03).

1144 LITHUANIA — Klaipeda — Žiemos Uostas — Light

Amend light to, Fl.R.1·5s12m2M 55° 42'·67N., 21° 07'·32E.

Chart [*Last correction*].— **2276** (plan A, Klaipeda) [400/03]

Light List Vol. C, 2002/03, 3359.2

Department of Navigation & Oceanography, Russia (HH.346/420/04).

1145 POLAND — Zalew Szczeciński — Wyspa Chelminek — Lights

Amend light to, Oc(2)R.8s13m3M 53° 40'·5N., 14° 31'·4E.

light to, Oc(2)R.8s8m3M 53° 40'·2N., 14° 32'·0E.

Chart [*Last correction*].— **2677** (INT 1297) [5233/02] — **2678** (INT 1298) [5233/02]

Light List Vol. C, 2002/03, 2719, 2720

Polish Notice 2/10/03 (HH.323/420/05).

1146 DENMARK, East Coast — Århus Bugt and Kalø Vig — Survey stations

Insert ○ Survey Station (buoyed) 56° 06'·13N., 10° 18'·28E.

56° 15'·50N., 10° 25'·00E.

Chart [*Last correction*].— **2590** (INT 1380) [903/03]

Danish Notices 4/193–194/03 (HH.332/490/05).

1147 DENMARK — North Sea Coast — Limfjorden — Nissum Bredning — Buoyage; Marine farm

Delete special spar buoy with topmark (a) 56° 39'·2N., 8° 19'·0E.

(b) 56° 39'·2N., 8° 19'·9E.

(c) 56° 38'·8N., 8° 19'·7E.

(d) 56° 38'·8N., 8° 19'·0E.

limit of marine farm, pecked line, joining: (a) above

(b) above

(c) above

(d) above

Chart [*Last correction*].— **426** (INT 1448) [190/03]

Danish Notice 5/213/03 (HH.332/460/03).

II

1148 NORTH SEA — United Kingdom Sector — Dogger Bank Northwards — Submarine cables

Delete	submarine cable joining:	(a)	55° 37'·00N., 1° 57'·40E.(scale)
		(b)	56° 18'·35N., 3° 22'·00E. (N. border)
		(c)	55° 30'·50N., 2° 00'·60E.(scale)
		(d)	56° 18'·35N., 3° 34'·50E. (N. border)
		(e)	55° 05'·00N., 0° 57'·70E. (S. border)
		(f)	55° 56'·20N., 2° 33'·86E. (E. border)
		(g)	55° 05'·00N., 1° 12'·00E. (S. border)
		(h)	55° 47'·70N., 2° 33'·86E. (E. border)

Chart [*Last correction*].— **267** (a–d) [763/03] — **268** (e–h) [4651/01]
UK Hydrographic Office (HH.160/300/06).

1149* NORTH SEA — Netherlands Sector — West Friesland TSS Eastwards — Wreck

Certain copies only

Delete	++	53° 48'·96N., 4° 56'·42E.
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Chart [*Last correction*].— **2593** (INT 1414) [771/03]
UK Hydrographic Office (HH.340/620/06).

1150* NORTH SEA — Netherlands Sector — West Friesland TSS — Nieu Zeeland Gronden — Buoy; Radar beacon

Delete	W. cardinal light–buoy, VQ(9)10s and associated radar beacon, Racon (D)	(a)	53° 34'·55N., 3° 37'·50E.
		(b)	53° 34'·60N., 3° 37'·40E.

Chart [*Last correction*].— **1408** (a) [1119/03] — **1405** (b) [1113/03]
UK Hydrographic Office & R. Bennet (HH.340/620/06).

1151 NETHERLANDS — Friesland Junction — Wreck; Buoyage; Radar beacon

Insert	⊗ (5 buoys), (charts 2182A, 2182B & 4140, ⊗)	(a)	54° 02'·12N., 4° 45'·85E.
		(b)	54° 02'·17N., 4° 45'·94E.
	W. cardinal pillar light–buoy, Q(9)15s	(c)	close W. of (a) above
		(d)	close W. of (b) above
	E. cardinal pillar light–buoy, Q(3)10s	(e)	close E. of (a) above
	radar beacon, Racon (D), at light–buoy	(f)	(c) above
		(g)	(d) above

Chart [*Last correction*].— **1507** (INT 1419) (a,c,e,f) [769/03] — **1405** (b,d,g) [1150/03] — **2182A** (INT 1043) (a) [770/03] — **2182B** (INT 1042) (a) [764/03] — **4140** (INT 140) (a) [52/03]
Netherlands Notice 5/87/03 (HH.340/630/05).

1152 NETHERLANDS — Marsdiep and Molengat — Depths; Drying heights

Insert	depth 9 ₆ m and extend 10m contour SW. to enclose	52° 59'·26N., 4° 48'·82E.
	depth 4 ₉ m enclosed by 5m contour	52° 59'·51N., 4° 50'·35E.
	drying height Q ₃ m and extend drying contour E. to enclose	52° 58'·78N., 4° 42'·63E.
	drying height Q ₁ m enclosed by drying contour	52° 59'·04N., 4° 42'·13E.
	depth 0 ₄ m and extend 2m contour NE. to enclose	52° 59'·93N., 4° 41'·67E.

Chart [*Last correction*].— **1546** (INT 1470) [905/03]
Netherlands Notice 3/54/03 (HH.340/630/05).

1153 NETHERLANDS — Westerschelde — Middelgat — Buoy

Move	MG2 buoy from:	51° 22'·17N., 3° 53'·95E.
	to:	51° 22'·05N., 3° 54'·03E.

Chart [*Last correction*].— **120** (INT 1479) [1014/03]
Netherlands Notice 6/97/03 (HH.340/430/06).

II

1154* FRANCE, North Coast — Westhinder to Cap Blanc-Nez Westwards — Submarine cable

Insert submarine cable joining:

51° 24'·95N., 2° 26'·75E.
(N. border)
51° 24'·45N., 2° 26'·32E.
51° 24'·21N., 2° 25'·93E.
51° 24'·05N., 2° 25'·88E.
51° 23'·33N., 2° 25'·17E.
51° 20'·21N., 2° 22'·76E.
51° 18'·95N., 2° 19'·99E.
51° 18'·10N., 2° 17'·41E.
51° 17'·86N., 2° 17'·11E.
51° 16'·75N., 2° 16'·86E.
51° 16'·41N., 2° 16'·37E.
51° 15'·65N., 2° 14'·22E.
51° 14'·12N., 2° 11'·27E.
51° 13'·89N., 2° 10'·27E.
51° 13'·66N., 2° 07'·92E.
51° 13'·36N., 2° 07'·01E.
51° 12'·99N., 2° 06'·71E.
51° 12'·51N., 2° 06'·94E.
51° 11'·75N., 2° 07'·00E.
51° 11'·04N., 2° 06'·82E.
51° 10'·53N., 2° 06'·19E.
51° 09'·27N., 2° 02'·27E.
51° 08'·96N., 2° 01'·42E.
51° 06'·86N., 1° 54'·34E.
51° 06'·65N., 1° 53'·84E.
51° 05'·96N., 1° 51'·08E.
51° 05'·80N., 1° 50'·76E.
51° 04'·95N., 1° 47'·92E.
51° 04'·76N., 1° 47'·39E.
51° 01'·13N., 1° 42'·20E.
51° 00'·44N., 1° 42'·24E.
51° 00'·00N., 1° 41'·55E.
50° 55'·22N., 1° 34'·89E.
50° 55'·03N., 1° 34'·58E.
(S. border)

Note: Chart 323 is to be deleted from the list of charts affected by Former Notice 820(P)/00. Further charts will be updated in due course.

Chart [*Last correction*].— **323** (INT 1564) [1113/03]
Global Marine Systems Ltd (HH.111/309/03).

1155 FRANCE, North Coast — Approaches to Boulogne-sur-Mer — Obstruction

Delete ○ Obstrn (PD) 50° 44'·54N., 1° 32'·40E.

Note: The above update has been included in a New Edition of Chart 438 published 27 February 2003.

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

Chart [*Last correction*].— **1892** (INT 1741) [1113/03]
French Chart 7247 (HH.351/440/03).

1156 SPAIN, North Coast — Bay of Biscay — Approaches to Pasajes — Buoy

Amend safe water pillar light-buoy to, *Mo(A)6s* 43° 21'·15N., 1° 56'·11W.

Chart [*Last correction*].— **1181** (plan, Approaches to San Sebastián and Pasajes) [510/03] — **1102** [511/03]
Spanish Notice 3/46/03 (HH.359/410/02).

1157 NORTH ATLANTIC OCEAN — Arquipélago dos Açores Northeastwards — King's Trough — Depth

Insert depth 213m enclosed by 1000m contour 44° 07'·0N., 22° 07'·0W.

Chart [*Last correction*].— **4103** (INT 103) [5006/02] — **4011** (INT 11) [5006/02] — **4014** (INT 14) [5006/02]
Portuguese Chart 11101 (HH.359/260/02).

1158 NORTH ATLANTIC OCEAN — Arquipélago dos Açores — Princesse Alice Bank Northwestwards — Depth

Insert depth 104m enclosed by 200m contour 38° 19'·0N., 30° 06'·0W.

Chart [*Last correction*].— **1950** [803/02] — **4103** (INT 103) [1157/03] — **4114** [1045/01] — **4115** [59/01] — **4011** (INT 11) [1157/03] — **4012** (INT 12) [*New Edition* 23/1/03] — **4013** (INT 13) [*New Edition* 2/1/03] — **4014** (INT 14) [1157/03]
Portuguese Chart 11101 (HH.363/260/02).

II

1159 FRANCE, South Coast — Approaches to Port de Sète — Wreck

Insert  PA

43° 25′.09N., 3° 50′.39E.

Chart [*Last correction*].— **2606** [5259/02] — **1705** [5012/02]

French Notice 1/06/03 (HH.354/470/02).

1160 ITALY, East Coast — Ravenna Eastwards — Platform

Delete  (lighted)

44° 27′.61N., 12° 41′.40E.

Chart [*Last correction*].— **1467** [4603/02] — **204** [5391/02] — **220** [5391/02]

Italian Notice 24.11/02 (HH.370/580/03).

1161 ALBANIA — Gjiri i Vlorës — Kepi i Sevasinit Southwards, Kepi i Kalas and Pasha Limani — Lights

Amend light to, *Fl.4s21m4M*

40° 19′.68N., 19° 25′.20E.

Delete ★ LFl.8s75m6M, (charts 186 & 188, ★ LFl.6M)

(a) 40° 22′.56N., 19° 24′.29E.

★ Fl.3s44m10M, (charts 186 & 188, ★ Fl.3s10M)

(b) 40° 24′.89N., 19° 28′.90E.

Chart [*Last correction*].— **1590** (plan, Vlorë and Approaches) [4146/02] — **186** (a,b) [4821/02] — **188** (a,b) [2811/02]

Light List Vol. E, 2002/03, 3730, 3731, 3732

Greek Notice 12/344/02 (HH.378/400/03).

1162 GREECE, West Coast — Kérkyra — Kérkyra Harbour — Depths

Insert depth 8₅ m enclosed by 10m contour

(a) 39° 38′.018N., 19° 54′.310E.

Substitute depth 8₅ m for depth 9₈ m

(b) (a) above

Delete depth 9₈ m enclosed by 10m contour

(c) close W. of (a) above

Chart [*Last correction*].— **2407** (INT 3493) (plan, Kérkyra Harbour) (a,c) & **2407** (INT 3493) (b) [*New Chart 30/1/03*]

Greek Notice 12/346/02 (HH.381/400/05).

1163 GREECE, West Coast — Ákra Mytikas Southwestwards — Buoy; Outfall

Insert special conical light-buoy, *Fl.Y.2s*, (chart 189, special conical

light-buoy, *Fl.Y*)

(a) 38° 58′.62N., 20° 41′.37E.

outfall joining:

38° 59′.04N., 20° 42′.44E.(shore)

38° 58′.60N., 20° 41′.46E.

Chart [*Last correction*].— **2405** (plan A, Approaches to Dióríga Lefkádos and Préveza) (a) [4472/02] — **203** [4472/02] — **189** [637/03]

Greek Notice 12/347/02 (HH.381/410/03).

1164 GREECE — Aegean Sea Coast — Saronikós Kólpos — Stenó Nafstáthmou — Mooring buoy

Delete  Q.Y

37° 58′.85N., 23° 32′.60E.

Chart [*Last correction*].— **1596** [5394/02] — **1513** [5394/02]

Greek Notice 12/352/02 (HH.382/520/03).

1165 GREECE — Aegean Sea Coast — Saronikós Kólpos — Nísos Aíyina — Ákra Tourlos Eastwards — Legend; Note

Delete legend, Entry Prohibited (see Note), centred on:

37° 45′.90N., 23° 35′.00E.

note, ENTRY PROHIBITED, centred on:

37° 29′.90N., 23° 07′.00E.

Chart [*Last correction*].— **1657** [4474/02]

Greek Notice 12/351/02 (HH.382/560/02).

1166 ROMANIA — Portul Constanța — Portul Constanța-Sud — Buoy

Delete starboard-hand pillar light-buoy, Fl.G.3s, and associated radar reflector

44° 06′.42N., 28° 40′.15E.

Chart [*Last correction*].— **2284** [1745/02]

Romanian Notice 12/168/02 (HH.398/430/04).

II

1167 TURKEY, West Coast — Güllük Körfezi — İncegöl Br. and Panayir Ad. — Lights

Amend range of light to, 12M (a) 37° 13'·82N., 27° 30'·33E.
37° 19'·7N., 27° 19'·7E.

Chart [*Last correction*].— **1644 (plan, Güllük and Asin)** (a) [206/03] — **1056** [4260/02] — **1095** [4822/02]
Light List Vol. E, 2002/03, 4665.6, 4665.7
Turkish Notice 4/18/03 (HH.390/480/03).

1168 ISRAEL — Mediterranean Sea Coast — Tel Aviv — Yafo — Light

Delete ★ Fl(2)G.10s5M 32° 05'·60N., 34° 46'·10E.

Chart [*Last correction*].— **2634** [207/03]
UK Hydrographic Office (HH.403/410/04).

1169 ISRAEL — Mediterranean Sea Coast — Ashqelon — Coal Jetty Northwards — Tanker mooring buoys; Fog signal

Amend ⚓ to, Fl(2)8s4M, (chart 1591, (plan E), ⚓ to, Fl(2)4M) (a) 31° 39'·42N., 34° 29'·84E.
⚓ to, Fl(2) (b) 31° 39'·70N., 34° 29'·75E.
⚓ to, Fl(4)8s4M Horn(1)20s, (chart 1591, (plan E), ⚓ to, Fl(4)4M Horn(1)) (c) 31° 38'·77N., 34° 29'·32E.
Substitute ⚓ Fl(4) Horn, for ⚓ (d) 31° 38'·90N., 34° 29'·40E.
Delete fog signal, Horn, at ⚓ (e) (b) above

Chart [*Last correction*].— **1591** (INT 3681) (**plan D, Ashqelon**) (a,c) & (**plan E, Tel Aviv to Ashqelon**) (a,c) [207/03] — **2634** (b,d,e) [1168/03]
Israeli Chart 325 (HH.403/420/04).

1170 MOROCCO, North Coast — Baie de Tanger — Pilot boarding place

Move ① from: 35° 48'·08N., 5° 47'·32W.
to: 35° 48'·27N., 5° 47'·10W.

Chart [*Last correction*].— **1912 (plan, Approaches to Tanger)** [645/03]
Spanish Notice 3/50/03 (HH.417/420/02).

1171 IVORY COAST — Approaches to Port d'Abidjan — Jackville Southwards — Restricted area; Submarine pipelines; Recommended anchorages; Development area

Insert circular limit of restricted area, radius 2M, pecked line, centred on: 5° 02'·60N., 4° 27'·10W.
submarine pipeline joining: (a) 5° 01'·90N., 4° 27'·15W.(□)
5° 11'·30N., 4° 32'·55W.(shore)
⚓ Tankers 5° 04'·15N., 4° 23'·40W.
Delete submarine pipeline joining: (a) above
5° 12'·30N., 4° 23'·00W.(shore)
⚓ Tankers 5° 09'·00N., 4° 19'·50W.
magenta maritime limit, pecked line, and associated legend, Development Area (see Note), joining: 5° 00'·70N., 4° 31'·50W.
5° 05'·20N., 4° 31'·50W.
5° 05'·20N., 4° 24'·45W.
5° 00'·70N., 4° 24'·45W.
5° 37'·00N., 4° 15'·00W.
note, DEVELOPMENT AREAS, centred on:

Note: The above update and other amendments will be included in a New Edition of Chart 3101 to be published later this year.

Chart [*Last correction*].— **595** (INT 2087) [987/03]
French Notice 3/35/03 (HH.428/180/03).

1172 IVORY COAST — Approaches to Abidjan — Radar beacon; Buoy

Amend radar beacon to, *Racon* (R), at safe water pillar light-buoy (a) 5° 13'·0N., 4° 00'·1W.
(b) 5° 13'·0N., 4° 00'·3W.
Delete designation, R, at light-buoy (c) (b) above

Chart [*Last correction*].— **3100** (INT 2805) (a) [*New Chart* 20/02/03] — **1359** (b,c) [987/03]
Admiralty List of Radio Signals Vol. 2, 2002/03: 72910 (9/03)
French Notice 25/18/02 (HH.428/410/03).

II

1173 INDIAN OCEAN — Comoros — Ile de Mayotte — Fish aggregating devices; Buoyage; Marine farm

Insert	the accompanying note, FISH AGGREGATING DEVICES, centred on:	(a) 12° 46'·9S., 45° 10'·6E. (b) 13° 15'·3S., 45° 22'·4E.
Substitute	the accompanying note, FISH AGGREGATING DEVICES, for existing note, FISH AGGREGATING DEVICES (FAD), centred on: the accompanying note, FISH AGGREGATING DEVICES, for existing note, FISH AGGREGATING DEVICES (FADS), centred on:	(c) 12° 51'·7S., 46° 08'·6E. (d) 13° 02'·1S., 43° 45'·9E.
Delete	former note, FISH AGGREGATING DEVICES (FAD), centred on: spherical buoy, FAD (charts 2741 and 563, orange spherical buoy, FAD)	(e) 13° 17'·6S., 45° 16'·8E. (f) 12° 38'·86S., 44° 52'·14E. (g) 12° 39'·68S., 44° 52'·83E. (h) 12° 42'·17S., 45° 21'·14E. (i) 12° 45'·99S., 45° 21'·20E. (j) 12° 48'·51S., 44° 54'·76E. (k) 12° 48'·51S., 45° 19'·59E. (l) 12° 48'·6S., 45° 26'·3E. (m) 12° 49'·31S., 45° 22'·57E. (n) 12° 56'·17S., 44° 53'·78E. (o) 12° 58'·18S., 45° 17'·29E. (p) 13° 01'·09S., 44° 55'·51E. (q) 13° 03'·45S., 45° 15'·81E. (r) 12° 56'·6S., 45° 15'·5E.
	symbol, marine farm	

Chart [*Last correction*].— **2756** (a) [*New Chart 11/10/01*] — **2757** (c,i,k,m,o) [*1385/02*] — **2741** (b,e-k,m-q) [*New Edition 4/4/02*] — **563** (d,f-r) [*1769/01*]
French Notice 4/09(T)/03 (HH.462/400/04).

1174 INDIAN OCEAN — La Réunion, West Coast — Baie de Saint-Paul — Submarine cable

Insert	submarine cable joining:	20° 59'·74S., 55° 16'·78E.(shore) 20° 58'·95S., 55° 16'·42E.
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Chart [*Last correction*].— **1495** (INT 7736) [*5273/02*] — **1497** (INT 7735) [*5273/02*]
French Notice 4/48/03 (HH.459/400/04).

1115 MALACCA STRAIT — Peninsular Malaysia, West Coast — Approaches to Pelabuhan Klang — Chart limits

Insert	the accompanying block, showing new chart limits, centred on:	1° 10'·0N., 100° 38'·0E.
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Chart [*Last correction*].— **5502** [*651/03*]
UK Hydrographic Office (HH.517/570/05).

1175 MALAYSIA — Peninsular, East Coast — Tapis Oil Field — Platform; Submarine pipelines

Insert	□ (lighted) F, (charts 2414 & 3482, □ (lighted)) submarine pipeline joining:	(a) 5° 30'·0N., 105° 00'·1E. (a) above 5° 32'·1N., 105° 01'·6E.(□) and 5° 37'·8N., 105° 09'·1E.(□) 5° 38'·9N., 105° 08'·3E. 5° 40'·7N., 105° 00'·6E. 5° 39'·8N., 104° 59'·0E. 5° 38'·8N., 104° 58'·9E.(□)
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Chart [*Last correction*].— **3543** [*656/03*] — **2414** (a) [*658/03*] — **3482** (INT 550) (a) [*950/03*]
Malaysian Notice 11/175/02 (HH.517/180/04).

1176 CHINA, South Coast — Hong Kong — Hong Kong International Airport Eastwards — Buoy

Insert	special pillar light-buoy, <i>Fl.Y.3s Weather 3</i>	22° 19'·20N., 113° 57'·68E.
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Chart [*Last correction*].— **1919** (INT 5510) [*801/03*]
Hong Kong Marine Department Notice 15/03 (HH.550/406/06).

1177 CHINA, South Coast — Hong Kong — Port Shelter — Tai Mong Tsai Southwestwards — Obstruction

Insert	○ <i>Obstn</i> , least depth 7 ₈ m	22° 23'·075N., 114° 17'·856E.
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Chart [*Last correction*].— **4126** [*987/03*]
Hong Kong Notice 3/7/03 (HH.550/414/03).

II

1178 CHINA SEA — Taiwan Strait — P'êng-Hu Ch'ün-Tao Northwards — Wreck

Insert  PA, (charts 1968 & 2412, ) 24° 16'·4N., 119° 43'·0E.

Note: The above update has been included in a New Edition of Chart 4509 published 20 February 2003.

Chart [*Last correction*].— **1760** [927/03] — **1968** [927/03] — **2412** [541/03]

Taiwanese Notice 2/03 (HH.554/400/02).

1179 CHINA, East Coast — Dong Hai — Santu Ao — Hei Yan Northwestwards — Wreck

Insert  26° 24'·37N., 120° 03'·91E.

Chart [*Last correction*].— **1754** [541/03]

Chinese Notice 1/02/03 (HH.548/460/04).

1180 CHINA, East Coast — Dong Hai — Taizhou Wan — Dachahua Northwestwards — Buoy

Delete isolated danger pillar light—buoy, Fl(2)5s 28° 39'·29N., 121° 46'·18E.

Chart [*Last correction*].— **1759** [931/03]

Chinese T&P Recap List 52/02 (HH.548/460/04).

1181 CHINA — Bo Hai — Liaodong Wan — Depths

Substitute depth 13₆ m for depth 3₆ m enclosed by 10m contour 40° 05'·7N., 120° 36'·2E.
depth 13₄ m for depth 3₄ m enclosed by 10m contour 40° 09'·3N., 120° 36'·3E.

Chart [*Last correction*].— **1256** [932/03]

Chinese Notice 2/27/03 (HH.556/420/04).

1182 JAPAN — Kyūshū, West Coast — Misumi Kō — Zōzōno Seto — Submarine pipeline

Insert submarine pipeline joining: (a) 32° 35'·35N., 130° 29'·54E.(shore)
32° 35'·18N., 130° 29'·32E.
32° 35'·01N., 130° 29'·03E.
(b) 32° 34'·90N., 130° 28'·77E.(shore)
along (a)–(b) above
legend, *Water*

Chart [*Last correction*].— **3112 (plan, Misumi Kō)** [5413/02]

Japanese Notice 4/118/03 (HH.564/401/08).

1183 JAPAN — Honshū, North–West Coast — Approaches to Tsuruga Kō — Wave meter

Insert  Wave Meter 35° 41'·27N., 136° 04'·60E.

Chart [*Last correction*].— **1304 (plan, Approaches to Tsuruga Kō)** [4418/02]

Japanese Notice 4/106/03 (HH.563/498/02).

1184 JAPAN — Honshū, South Coast — Fukuyama and Approaches — Sensui Shima Southwards and Ōtobi Shima Southwards — Fish havens

Insert  (a) 34° 22'·57N., 133° 23'·92E.
(b) 34° 19'·90N., 133° 29'·98E.

Chart [*Last correction*].— **695 (plan, Fukuyama and Approaches)** (a) [217/03] — **3605 (b)** [546/03]

Japanese Notices 3/82–83/03 (HH.568/465/05).

1185 JAPAN — Honshū, South Coast — Bisan Seto Northwards — Ikeda Wan — Fish haven

Insert  34° 26'·93N., 134° 13'·23E.

Chart [*Last correction*].— **3606** [546/03]

Japanese Notice 2/44/03 (HH.568/475/06).

1186 JAPAN — Honshū, South Coast — Mikawa Wan — Chita Wan — Kinuura Kō — West Breakwater — Light

Amend light to, Fl(2)G.6s19m8M, (chart 3650, Fl(2)G.6s8M), 34° 49'·3N., 136° 56'·3E.
(charts 2957 & 952, Fl(2)G.8M)

Chart [*Last correction*].— **3649 (plan, Kinuura)** [5514/02] — **3650** [443/03] — **2957** [221/03] — **952** [5288/02]

Light List Vol. F, 2002/03, 6163.6

Japanese Notice 50/1751/02 (HH.563/405/05).

II

1187 JAPAN — Honshū, South Coast — Mikawa Wan — Higashi-Hazu Kō — Light

Amend light to, *Fl(3)R.12s11m3M* 34° 47'·1N., 137° 08'·2E.

Chart [*Last correction*].— **3650** [1186/03]

Light List Vol. F, 2002/03, 6196.5

Japanese Notice 1/6/03 (*HH.563/415/03*).

1188 JAPAN — Honshū, South Coast — Tōkyō Wan — Naka-no-Se — Light-beacons; Buoyage

Substitute starboard-hand light-beacon with topmark, *Mo(A)R.8s8m6M A*, for A light-buoy 35° 21'·2N., 139° 43'·2E.
starboard-hand light-beacon with topmark, *Mo(B)R.8s8m6M B*, for B light-buoy 35° 22'·8N., 139° 43'·1E.
starboard-hand light-beacon with topmark, *Mo(C)R.10s8m6M C*, for C light-buoy 35° 24'·1N., 139° 43'·8E.

Chart [*Last correction*].— **3108** [4929/02] — **3117** [989/03] — **3548** [4929/02]

Light List Vol. F, 2002/03, 6379.1, 6379.2, 6379.3

Japanese Notice 2/40/03 (*HH.563/432/05*).

1189 JAPAN — Hokkaidō, South Coast — Hakodate Kō — No 5 Area — Asia Oil Co. Sea Berth — Buoy; Tanker mooring buoy

Substitute special conical light-buoy, *Fl.Y*, for $\triangle$ Mo(U)8s8M Horn(1)20s Asia Oil Co. Sea Berth, (main sheet, special conical light-buoy, *Fl.Y*, for $\triangle$ Mo(U)8s8M Horn(1)20s) 41° 48'·28N., 140° 40'·72E.

Chart [*Last correction*].— **1871 (plan, Hakodate Kō) & 1871** [330/03]

Light List Vol. F, 2002/03, 6705

Japanese Notice 3/75/03 (*HH.562/412/03*).

1190 JAPAN — Hokkaidō, South Coast — Kushiro Kō Southwestwards — Light

Insert ★ *Fl.G.3s10m8M* 42° 48'·0N., 143° 49'·4E.

Chart [*Last correction*].— **1800** [2102/02] — **1803** [549/03]

Light List Vol. F, 2002/03, 6812.2

Japanese Notice 3/76/03 (*HH.562/415/05*).

1191 KOREA, West Coast — Approaches to Inch'ŏn — Tong Sudo — Tongŏo Northeastwards — Drying height; Depths

Insert drying height 1₂ m enclosed by drying contour and extend 2m contour NW. to enclose (a) 37° 12'·6N., 126° 23'·2E.
Substitute depth 8₇ m for depth 9₄ m 37° 11'·66N., 126° 22'·76E.
Delete depth 0₇ m close SE. of (a) above

Chart [*Last correction*].— **1270** (INT 5363) [670/03]

Korean Notice 3/37/03 (*HH.557/419/09*).

1192 KOREA, South Coast — Gwangyang Hang — Buoyage

Certain copies only

Insert special pillar light-buoy with topmark, *Fl(2)Y.6s 'A'* 34° 53'·15N., 127° 39'·23E.
special pillar light-buoy with topmark, *Fl(2)Y.6s 'B'* 34° 53'·18N., 127° 39'·48E.
special pillar light-buoy with topmark, *Fl(2)Y.6s 'C'* 34° 53'·42N., 127° 39'·90E.

Chart [*Last correction*].— **3390** (INT 5362) [810/03]

UK Hydrographic Office (*HH.557/444/06*).

1193 KOREA, South Coast — Gwangyang Hang — Deado Gundo — Depths

Substitute depth 17₅ m for depth 18m 34° 54'·72N., 127° 48'·68E.
depth 9₅ m for depth 9₀ m 34° 54'·68N., 127° 48'·90E.
depth 9₂ m for depth 9₅ m, (chart 3391, depth 9₂ m for depth 9₈ m) 34° 54'·95N., 127° 49'·05E.

Chart [*Last correction*].— **3390** (INT 5362) [1192/03] — **3391** (INT 5360) [669/03]

Korean Notice 3/35/03 (*HH.557/444/06*).

II

1194 KOREA, East Coast — Ulsan Man and Ulsan Hang — Light; Buoyage

Amend	light to, <i>Fl.Y.4s17m7M</i>	(a)	35° 27'·9N., 129° 24'·5E.
Delete	A light–buoy		35° 29'·67N., 129° 23'·82E.
	B light–buoy		35° 30'·23N., 129° 23'·85E.

Chart [*Last correction*].— **898 (plan A, Ulsan and Mip'o)** [491/03] — **896** (INT 5355) (a) [491/03]

Light List Vol. F, 2002/03, 4381.3

Korean Notices 51/694/02 & 52/709/02 (HH.557/466/08).

1195 KOREA, East Coast — Approaches to P'ohang — Yöngil Man — Talman Gap Southeastwards — Wreck; Buoy

Delete	⊗ Mast	36° 05'·58N., 129° 28'·73E.
	special pillar light–buoy with topmark, Fl(3)Y.7s	36° 05'·45N., 129° 28'·77E.

Chart [*Last correction*].— **898 (plan B, P'ohang and Approaches)** [1194/03] — **3666** (INT 5251) [551/03]

Korean Notice 2/15/03 (HH.557/468/03).

1196 PHILIPPINE ISLANDS — Leyte Westwards and Samar Island — Ponson Island, Poro Island and Malaga — Lights

Insert	★ <i>Fl(2)10s</i>	(a)	10° 48'·3N., 124° 34'·0E.
		(b)	10° 48'·3N., 124° 33'·7E.
	★ <i>Fl.7s</i>	(c)	10° 37'·80N., 124° 24'·67E.
	★ <i>Fl.5s</i>	(d)	12° 14'·1N., 124° 22'·5E.

Chart [*Last correction*].— **3825** (a,c) [4629/02] — **3808** (b) [945/03] — **3810** (b,c) [1045/03] — **3370** (d) [5167/02] — **3823** (d) [1043/03]

Light List Vol. F, 2002/03, 2436.8, 2442.2, 2473

Philippine Notices 11/221/02, 11/224/02 & 11/230/02 (HH.552/515/02).

1197 PHILIPPINE ISLANDS — Mindanao, West Coast — Illana Bay — Tapian Pt. — Light

Insert	★ <i>Fl.7s</i>	7° 08'·7N., 124° 04'·0E.
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Chart [*Last correction*].— **3811** [948/03]

Light List Vol. F, 2002/03, 2226.2

Philippine Notice 11/231/02 (HH.552/415/02).

1116 AUSTRALIA — Queensland — Fairway Channel — Zone of confidence diagram; Depths

Insert	the accompanying block A, showing amendments to the Zone of Confidence Diagram, centred on:	13° 33'·44S., 143° 20'·04E.
	the accompanying block B, showing amendments to depths, centred on:	13° 44'·51S., 144° 06'·20E.

Chart [*Last correction*].— **Aus 834** [4372/02]

Australian Notice 26/826/02 (HH.571/009/2003).

1198 AUSTRALIA — Queensland — Moreton Bay — Fisherman Islands Southwards — Boat Passage — Beacons

Insert	beacon with Δ topmark	(a)	27° 25'·613S., 153° 11'·914E.
		(b)	27° 25'·713S., 153° 11'·854E.
	beacon with can topmark	(c)	27° 24'·098S., 153° 11'·060E.
		(d)	27° 24'·388S., 153° 11'·272E.
Move	beacon with can topmark from:	(e)	27° 25'·41S., 153° 11'·81E.
	to:	(f)	27° 25'·361S., 153° 11'·774E.
	beacon with can topmark from:	(g)	27° 24'·74S., 153° 11'·37E.
	to:	(h)	27° 24'·730S., 153° 11'·423E.
	beacon with Δ topmark from:	(i)	27° 24'·98S., 153° 11'·65E.
	to:	(j)	27° 24'·919S., 153° 11'·573E.
	port–hand beacon with topmark from:	(k)	27° 25'·51S., 153° 11'·73E.
	to:	(l)	27° 25'·461S., 153° 11'·714E.
Delete	beacon with can topmark	(m)	27° 25'·25S., 153° 11'·69E.
	beacon with Δ topmark	(n)	27° 24'·74S., 153° 11'·49E.
	port–hand beacon with topmark	(o)	27° 25'·35S., 153° 11'·63E.

Chart [*Last correction*].— **Aus 237** (a,c–j,m,n) [814/03] — **Aus 236 (plan, Manly Boat Harbour)** (b,k,l,o) [554/03]

Australian Notice 2/64/03 (HH.571/009/2003).

1199 AUSTRALIA — Queensland — Russell Island Southeastwards — Exercise area

Insert	legend, <i>MILITARY EXERCISE AREA</i> (see Note), centred on:	17° 19'·00S., 146° 14'·00E.
	the accompanying note, <i>MILITARY EXERCISE AREA</i> , centred on:	17° 34'·00S., 145° 34'·65E.

Chart [*Last correction*].— **Aus 829** [113/03]

Australian Notice 2/65/03 (HH.571/009/2003).

II

1200 PAPUA NEW GUINEA — New Britain Northwards — Ataliklikun Bay — Urara Island — Light

Delete ★ Fl(4)WR.16s20ft9/6M, and associated sectors (a) 4° 11'·5S., 151° 56'·7E.
 ★ Fl(4)WR.16s9/6M (b) 4° 11'·5S., 151° 57'·8E.
 ★ Fl(4)WR.9/6M (c) 4° 12'·0S., 151° 56'·0E.

Chart [*Last correction*].— **Aus 397** (a) [1851/02] — **Aus 395** (a) [2340/02] — **Aus 461** (b) [712/02] — **4622** (INT 622) (c) [1279/02]

Light List Vol. K, 2003/04, 3493

Australian Notice 2/66/03 (HH.571/009/2003).

1201 PAPUA NEW GUINEA — Cape Girgir — Light

Delete ★ Fl.7·5s16m13M (a) 3° 48'·94S., 144° 31'·91E.
 (b) 3° 48'·9S., 144° 31'·9E.
 ★ Fl.7·5s13M, (chart 4622, ★ Fl.13M),
 (charts 4052, 4060 & 4507, ★)
 ★ (c) 3° 49'·0S., 144° 32'·0E.
 (d) 3° 50'·0S., 144° 32'·0E.

Chart [*Last correction*].— **Aus 388** (plan, Entrance to Sepik River) (a) & **Aus 388** (b) [5133/01] — **Aus 462** (c) [484/02] — **4622** (INT 622) (c) [1200/03] — **4507** (INT 507) (c) [681/03] — **4603** (INT 603) (d) [1048/03] — **4052** (INT 52) (c) [244/03] — **4060** (INT 60) (c) [555/03]

Light List Vol. K, 2003/04, 3401.2

Australian Notice 2/67/03 (HH.571/009/2003).

1202 AUSTRALIA — Western Australia — Montebello Islands Northeastwards — Mooring buoys; Anchor berth

Insert  19° 35'·499S., 116° 02'·953E.
 symbol, anchor berth 19° 35'·995S., 115° 59'·643E.
 19° 38'·121S., 116° 02'·791E.

Chart [*Last correction*].— **Aus 327** [693/03]

Australian Notice 2/68/03 (HH.571/009/2003).

1203 AUSTRALIA — Western Australia — Cockburn Sound — James Point Westwards — Mooring buoys

Insert  32° 13'·00S., 115° 42'·40E.
 32° 13'·15S., 115° 42'·40E.

Chart [*Last correction*].— **Aus 114** [4723/02]

Australian Notice 2/69/03 (HH.571/009/2003).

1204 AUSTRALIA — South Australia — Spencer Gulf — Cape Butt Eastwards and Tumby Island Eastwards — Depths

Insert	depth 14m and extend 15m contour SE. to enclose	(a) 34° 25'·675S., 136° 10'·472E.
	depth 3 ₆ m and extend 5m contour E. to enclose	(b) 34° 24'·702S., 136° 09'·270E.
	depth 19 ₅ m enclosed by 20m contour	(c) 34° 07'·923S., 136° 33'·531E.
	depth 7 ₄ fm and extend 10fm contour SE. to enclose	(d) 34° 25'·7S., 136° 10'·5E.
	depth 7fm	(e) 34° 26'·1S., 136° 10'·5E.
	depth 10fm	(f) 34° 08'·0S., 136° 33'·5E.
Delete	depth 16 ₄ m	(g) close W. of (a) above
	depth 9fm	(h) adjacent to (d) above
	depth 10 ₂ fm	(i) close S. of (d) above

Note: The above update has been included in a New Edition of Chart Aus 776 in preparation.

Chart [*Last correction*].— **Aus 777** (a–c,g) [813/03] — **Aus 345** (d,h,i) [236/03] — **Aus 444** (e,f) [5428/02]

Australian Notice 2/70/03 (HH.571/009/2003).

1205 AUSTRALIA — South Australia — Port Adelaide — Outer Harbour and Torrens Island Southwards — Light-beacons; Lights

Insert	legend, <i>No 36B</i> , at light-beacon, F.R & F.Bu	34° 48'·87S., 138° 30'·88E.
Amend	designation of No 8A light-beacon to, <i>No 8B</i>	34° 45'·98S., 138° 29'·14E.
	designation of No 36 light-beacon to, <i>No 36A</i>	34° 48'·51S., 138° 30'·88E.
	No 38 light-beacon to, <i>Q.R</i>	34° 49'·22S., 138° 30'·77E.
	No 41 light-beacon to, <i>Q.G</i>	34° 49'·39S., 138° 30'·55E.
	light to, <i>F.Bu</i> (<i>F day</i>)	34° 49'·09S., 138° 30'·92E.
	light-beacon to, <i>F.Bu</i>	34° 48'·11S., 138° 30'·90E.
		34° 48'·23S., 138° 30'·89E.
		34° 49'·24S., 138° 30'·78E.
		34° 49'·38S., 138° 30'·77E.
Substitute	light to, <i>F.Bu</i>	
	port-hand light-beacon with topmark, <i>VQ.R No 8A</i> , for No 8 light-beacon	34° 46'·18S., 138° 29'·02E.

Chart [*Last correction*].— **Aus 137** [4003/02]

Light List Vol. K, 2003/04, 2059.6, 2059.7, 2071.9, 2072, 2073, 2073.1, 2074, 2074.1, 2074.7, 2074.85, 2075

Australian Notice 2/72/03 (HH.571/009/2003).

II

1206 AUSTRALIA — Tasmania, East Coast — Great Oyster Bay — Schouten Reef — Light—beacon; Islet

Insert isolated danger light—beacon, *Fl(2)4s6m3M* (a) 42° 17'·69S., 148° 13'·72E.
Delete islet, (4) close N. of (a) above

Chart [*Last correction*].— **Aus 355** [4509/02]

Light List Vol. K, 2003/04, 3609.1

Australian Notice 2/73/03 (HH.571/009/2003).

1117 NEW ZEALAND — North Island, West Coast — Approaches to Port Taranaki — Depths

Insert the accompanying block A, showing amendments to depths,
centred on: (a) 39° 02'·37S., 174° 02'·84E.
the accompanying block B, showing amendments to depths,
centred on: (b) 39° 02'·34S., 174° 02'·81E.

Chart [*Last correction*].— **NZ 4432 (plan, Port Taranaki) (b) & NZ 4432 (a)** [2006/02]

New Zealand Notice 25/159/02 (HH.580/009/2003).

1207 NEW ZEALAND — North Island, East Coast — Hauraki Gulf — Tamaki Strait — Ponui Island Southwards — Light

Amend sectors at light, *Fl.WR.2s6m7/4M*, as follows: (a) 36° 54'·02S., 175° 10'·97E.
W 91.3° – 124° (32.7°)
R 124° – 139° (15°)
R 277° – 287.8° (10.8°)
W 287.8° – 303.3° (15.5°)
R 303.3° – 0° (56.7°)
sectors at light, *Fl.WR.2s6m7/4M*, as follows: (b) 36° 54'·00S., 175° 11'·00E.
W 91.3° – 124° (32.7°)
R 124° – 139° (15°)
R 277° – 287.8° (10.8°)
W 287.8° – 303.3° (15.5°)
R 303.3° – 0° (56.7°)

Note: Red sector of light is obscured 139°–277° by Ponui Island.

Chart [*Last correction*].— **NZ 5324 (a)** [2565/02] — **NZ 532 (b)** [2565/02]

Light List Vol. K, 2003/04, 3852

New Zealand Notice 2/28/03 (HH.580/009/2003).

1208 NEW ZEALAND — South Island, North Coast — Tasman Bay — Separation Point — Light

Amend light to, *Fl.8s18m8M* 40° 46'·90S., 172° 59'·85E.

Chart [*Last correction*].— **NZ 61** [334/03]

Light List Vol. K, 2003/04, 4204

New Zealand Notice 2/29/03 (HH.580/009/2003).

1209 UNITED STATES OF AMERICA, West Coast — Washington — Rosario Strait — Lopez Island — Upright Head — Light

Delete ★ F.R. 48° 34'·25N., 122° 52'·99W.

Chart [*Last correction*].— **80** [*New Edition 13/2/03*]

Light List Vol. G, 2002/03, 5065

U.S. Notice 6/18430/03 (HH.612/490/04).

1210 UNITED STATES OF AMERICA, West Coast — California — San Francisco Harbor — Angel Island — Point Stuart — Buoy; Light

Insert starboard—hand pillar light—buoy, *Fl.R.2.5s '4'* (a) 37° 51'·68N., 122° 26'·84W.
Delete ★ Iso.R.6s80ft7M '4' close ESE. of (a) above

Chart [*Last correction*].— **591** [702/03]

Light List Vol. G, 2002/03, 4120

U.S. Notice 6/18653/03 (HH.612/420/05).

1211 UNITED STATES OF AMERICA, West Coast — California — Pt. Conception Westwards — Platform

Amend □ (lighted) to, *Fl.6s60ft10M* (a) 34° 28'·2N., 120° 40'·9W.
(b) 34° 28' 07"N., 120° 40' 54"W.
□ (lighted) to, *Fl.10M* (c) 34° 28'·0N., 120° 41'·0W.

Chart [*Last correction*].— **899 (a)** [708/03] — **778 (b)** [4077/02] — **2530 (c)** [4077/02]

Light List Vol. G, 2002/03, 3966

U.S. Notice 6/18723/03 (HH.612/410/08).

II

1212 UNITED STATES OF AMERICA, West Coast — California — Approaches to Port Hueneme — Wreck

Substitute ☉ *Wk*, least depth 3₂ fm for ☉ 34° 09'·9N., 119° 15'·9W.

Chart [*Last correction*].— **899** [1211/03]

U.S. Notice 6/18725/03 (*HH.612/410/08*).

1213 UNITED STATES OF AMERICA, West Coast — California — San Juan Seamount — Obstruction; Depths

Insert ☉ *Obstn*, least depth 266fm (a) 33° 01'·8N., 120° 59'·8W.

Substitute depth 486m for depth 552m (b) (a) above

Delete depth 302fm (c) close SW. of (a) above

Chart [*Last correction*].— **899** (a,c) [1212/03]— **2530** (a) [1211/03]— **4801** (INT 801) (b) [954/03]— **4802** (INT 802) (b) [568/03]— **4050** (INT 50) (b) [244/03]— **4051** (INT 51) (b) [568/03]

U.S. Notice 6/18022/03 (*HH.612/410/08*).

1214 MEXICO — Pacific Ocean Coast — Isla Socorro — Light

Amend light to, *Fl(3)12s59ft10M* 18° 43'·5N., 110° 56'·7W.

Chart [*Last correction*].— **2323** [1063/03]

Light List Vol. G, 2002/03, 3474

U.S. Notice 6/21661/03 (*HH.623/430/02*).

1215 UNITED STATES OF AMERICA — Gulf of Mexico — Texas — Houston Ship Channel — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Houston Ship Channel), for existing table, centred on: 29° 43'·4N., 95° 04'·5W.

Chart [*Last correction*].— **3187 (panel 1)** [1080/03]

U.S. Notice 8/11329/03 (*HH.615/011/2003*).

1216 UNITED STATES OF AMERICA — Gulf of Mexico — Texas — Houston Ship Channel — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS, for existing table, centred on: 29° 44'·7N., 95° 16'·3W.

Chart [*Last correction*].— **3188 (panel 2)** [716/03]

U.S. Notice 8/11325/03 (*HH.615/011/2003*).

1217 UNITED STATES OF AMERICA — Gulf of Mexico — Louisiana and Texas — Neches River — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Neches River), for existing table, centred on: 29° 56'·1N., 93° 56'·9W.

Chart [*Last correction*].— **3192 (panel C)** [962/03]

U.S. Notice 8/11343/03 (*HH.615/011/2003*).

1218 UNITED STATES OF AMERICA — Gulf of Mexico — Texas — Outer Approaches to Galveston Bay and Freeport — Well

Insert ☉ *Well (abandoned)*, least depth 629fm 27° 19'·5N., 94° 29'·8W.

Chart [*Last correction*].— **3849** [1073/03]— **3850** [1076/03]

U.S. Notice 8/11340/03 (*HH.616/180/2003*).

1219 UNITED STATES OF AMERICA — Gulf of Mexico — Louisiana — Trinity Shoal Southwestwards — Wreck

Delete ☉ PA 29° 08'·2N., 92° 17'·4W.

Chart [*Last correction*].— **3850** [1218/03]

U.S. Notice 8/11340/03 (*HH.616/180/2003*).

1220 UNITED STATES OF AMERICA — Gulf of Mexico — Louisiana — Ship Shoal Southeastwards — Obstruction

Insert ☉ *Obstn PA* 28° 17'·1N., 90° 29'·7W.(☐)

Chart [*Last correction*].— **3850** [1219/03]— **3851** [1076/03]

U.S. Notice 8/11340/03 (*HH.616/180/2003*).

II

1221 UNITED STATES OF AMERICA — Gulf of Mexico — Louisiana — Approaches to Mississippi River — South Pass Southeastwards — Platform

Insert  (lighted) 28° 44'.5N., 88° 49'.5W.

Chart [*Last correction*].— **3851** [1220/03]
U.S. Notice 8/11366/03 (HH.616/180/2003).

1222 UNITED STATES OF AMERICA, East Coast — Virginia — Chesapeake Bay — Plumtree Bar — Wreck; Light

Insert  (a) 37° 07'.23N., 76° 16'.57W.
Delete  Q.R.15ft4M 'WR2' close W. of (a) above

Chart [*Last correction*].— **2919** [975/03]
Light List Vol. J, 2002/03, 1491.3
U.S. Chart 12221 (HH.614/555/07).

1223 UNITED STATES OF AMERICA, East Coast — Chesapeake Bay — Rappahannock Spit Northeastwards — Note; Legend

Delete note, SPOIL GROUND (37° 38'N – 76° 11'W), centred on: (a) 37° 51'.4N., 76° 24'.1W.
legend, (see Note), centred on: (b) 37° 37'.6N., 76° 10'.9W.

Chart [*Last correction*].— **2920 (panel 1) (b) & (panel 2) (a)** [976/03]
U.S. Notice 7/12226/03 (HH.614/570/03).

1224 UNITED STATES OF AMERICA, East Coast — Potomac River — Entrance to Breton Bay — Light-beacon

Move '2' light-beacon from: 38° 13'.67N., 76° 41'.61W.
to: 38° 13'.60N., 76° 41'.67W.

Chart [*Last correction*].— **2923 (panel 1)** [977/03]
Light List Vol. J, 2002/03, 1832
U.S. Notice 6/12286/03 (HH.614/580/02).

1225 UNITED STATES OF AMERICA, East Coast — Maryland — Chesapeake Bay — Saunders Point Eastwards and William P. Lane Jr. Memorial Bridges Southwards — Light-beacon; Buoy

Move black and red light-beacon, *Fl(2+1)R.6s10ft4M*, from: 38° 52'.95N., 76° 28'.60W.
to: 38° 53'.13N., 76° 28'.62W.
Delete 'CBB' light-buoy 38° 59'.1N., 76° 22'.0W.

Chart [*Last correction*].— **2921 (panel 2)** [469/03]
Light List Vol. J, 2002/03, 2197
U.S. Notice 7/12270/03 (HH.614/585/04).

1226 UNITED STATES OF AMERICA, East Coast — Delaware and Maryland — Ocean City Eastwards — Depths

Insert depth 3fm at fish haven 38° 21'.0N., 75° 03'.5W.
Substitute depth 4₁ fm for depth 4₃ fm at fish haven 38° 17'.8N., 74° 53'.8W.
38° 17'.3N., 74° 53'.0W.
depth 8₂ fm for depth 10fm at fish haven (a) 38° 12'.2N., 74° 43'.9W.

Chart [*Last correction*].— **2563** [980/03] — **2861 (a)** [5182/02]
U.S. Notice 7/12211/03 (HH.614/550/02).

1227 UNITED STATES OF AMERICA, East Coast — Delaware River — New Castle Range — Obstruction

Insert  *Obstn*, least depth 21ft 39° 34'.57N., 75° 32'.80W.

Chart [*Last correction*].— **2603 (panel 4, Entrance to the Chesapeake and Delaware Canal) & (panel 1)** [727/03]
U.S. Notice 8/12277/03 (HH.614/540/05).

1228 UNITED STATES OF AMERICA, East Coast — New York — Ambrose Channel Southeastwards — Obstruction; Depth

Insert  *Obstn*, least depth 7₂ fm 40° 29'.00N., 73° 54'.70W.
depth 4₅ fm and extend 6fm contour SE. to enclose 40° 29'.25N., 73° 55'.82W.

Chart [*Last correction*].— **3204** [853/03]
U.S. Notice 8/12324/03 (HH.614/495/04).

II

1229 UNITED STATES OF AMERICA, East Coast — New York and New Jersey — Upper Bay — Anchorage
Channel — Obstructions: Wreck

Insert	○ <i>Obstn</i> , least depth 36ft	(a)	40° 39'·600N., 74° 02'·833W.
	○ <i>Obstn</i> , least depth 28ft	(b)	40° 40'·267N., 74° 03'·050W.
	○ <i>Wk</i> , least depth 34ft	(c)	40° 41'·450N., 74° 01'·567W.

Chart [*Last correction*].— **3455** (c) [*New Edition 7/2/02*] — **3456** (a,b) [*470/03*]
U.S. Notice 8/12327/03 (HH.614/495/04).

1230 UNITED STATES OF AMERICA, East Coast — Connecticut — Long Island Sound — Approaches to New Haven Harbor — Obstruction

Insert ○ *Obstm.*, least depth 22ft,
(chart 2754, ○ *Obstm.*, least depth 3₄ fm) 41° 12'·99N., 72° 54'·18W.

Chart [*Last correction*].— **2728** [3552/02] — **2754** [255/03]
U.S. Notice 6/12371/03 (HH.614/475/03).

1231 UNITED STATES OF AMERICA, East Coast — Connecticut — Long Island Sound — Sixmile Reef
Southwards — Fog signal

Insert fog signal, *Whis*, at 'TE' light-buoy 41° 09'.3N., 72° 30'.4W.

Chart [*Last correction*].— **2754** [1230/03]
U.S. Notice 7/12358/03 (HH.614/475/03).

1232 UNITED STATES OF AMERICA, East Coast — Rhode Island — Block Island Sound and Watch Hill Point — Fog signal; Pilot boarding place

Insert fog signal, *Horn(1)30s*, at light (a) 41° 18' 2N., 71° 51' 5W.
 ① 41° 11' 2N. 71° 51' 5W.

Chart [*Last correction*].—**2754** [1231/03] — **2860** (a) [855/03]

Light List Vol. J, 2002/03, 0658

Admiralty List of Radio Signals Vol. 6 (5), 2002/03: (5/03)

U.S. Notice 5/13214/03 & Long Island Sound State Pilots Association (HH.614/470/03).

1233 UNITED STATES OF AMERICA, East Coast — Massachusetts — Nantucket Shoals — Great Round Shoal
Channel — Wreck

Insert PA 41° 24'.0N., 69° 54'.0W.

Chart [*Last correction*].— **2489** [4871/02]

U.S. Notice 7/13244/03 (HH.614/445/04).

1234 UNITED STATES OF AMERICA, East Coast — Massachusetts — Cape Cod Canal — Hog Island Channel — Buoy

Move '16' light-buoy from: 41° 42'.94N., 70° 38'.75W.
to: 41° 42'.73N., 70° 38'.95W.

Chart [*Last correction*].— **2891** [472/03]

U.S. Notice 7/13236/03 (HH.614/450/04).

1235 UNITED STATES OF AMERICA, East Coast — Maine — Portland Harbor — Diamond Island Roads — Obstruction

Insert *Obstn* 43° 39'.38N., 70° 12'.82W.

Chart [*Last correction*].— **2488** [3208/02]

U.S. Notice 7/13292/03 (HH.614/420/02).

1236 CANADA — Nova Scotia — Bay of Fundy — Parker Cove — Light

Amend	light to, <i>LFl.G.12s19ft7M</i> , (charts 4746 & 4747, <i>LFl.G</i>)	44° 48'.9N., 65° 32'.4W.
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Chart [*Last correction*].—**353** [5561/02]—**4746** [856/03]—**4747** [*New Chart* 26/12/02]

Light List Vol. H, 2002/03, 3916

Canadian Notice 1/4010/03 (HH.606/475/02).

II

1237 CANADA — Nova Scotia — Cape Breton Island Southwards — Jerseyman Island — Light

Amend light to, *Fl.R.25ft7M* 45° 30'·2N., 61° 03'·4W.

Chart [*Last correction*].— **2342** [4095/01]

Light List Vol. H, 2002/03, 3406

Canadian Notice 1/4308/03 (*HH.606/525/02*).

1238 CANADA — Saint Lawrence River — Approaches to Sorel — Île aux Foins — Buoyage

Insert	port-hand spar buoy, <i>MP5</i>	(a) 46° 02'·95N., 73° 10'·03W.
	starboard-hand spar buoy, <i>MP6</i>	(b) 46° 02'·97N., 73° 10'·03W.
	preferred channel to port spar buoy, <i>FOINS</i>	(c) 46° 02'·69N., 73° 10'·59W.
Delete	MP14 buoy	46° 01'·09N., 73° 10'·92W.

Chart [*Last correction*].— **4790** (*a-c*) [144/03] — **4791** [4316/02]

Canadian Notice 1/1311/03 (*HH.605/445/05*).

1239 CANADA — Nova Scotia — Cape Breton Island — Sydney Harbour — North Sydney — Northwest Bar Southsoutheastwards — Buoy

Move	“S6” light-buoy from:	46° 12'·54N., 60° 13'·91W.
	to:	46° 12'·475N., 60° 14'·022W.

Chart [*Last correction*].— **2042 (plan A, North Sydney) & 2042** [2561/96]

Canadian Notice 1/4266/03 (*HH.606/500/02*).

II

1240(P)/03 ENGLAND, East Coast — The Swale — Whitstable — Light

1. Mariners are advised that the light charted as Oc.WRG.5s7m at South Quay in position 51° 21'·77N., 1° 01'·70W. has been amended to a directional light. The revised light description and sector details are as follows:
 - a. Directional light bearing 122°, Dir.Fl.WRG.3s7m
 - b. Sectors
 - G 117·5°N – 120·5° (3°)
 - W 120·5°N – 123·5° (3°)
 - R 123·5°N – 126·5° (3°)
2. These and other changes will be included in the next New Edition of Chart 2571.

Chart affected — 2571

Whitstable Harbour Master (HH.244/400/08).

1241(P)/03 NORWAY, North Coast — Approaches to Hammerfest — Depths; Rock

1. Mariners are advised that numerous depths less than charted are known to exist in the approaches to Hammerfest. The most significant are as follows:

17m	71° 05'·75N., 26° 05'·10E.
16m	71° 04'·20N., 25° 00'·97E.
15m	71° 03'·07N., 24° 36'·44E.
5m	71° 02'·51N., 24° 12'·50E.
6·5 m	71° 00'·41N., 24° 11'·17E.
7m	70° 59'·37N., 24° 11'·82E.
15m	70° 55'·08N., 24° 32'·07E.
7·9 m	70° 53'·28N., 24° 19'·21E.
7m	70° 49'·48N., 24° 14'·82E.
1·7 m	70° 49'·32N., 24° 15'·41E.
4·1 m	70° 48'·45N., 24° 11'·41E.
8·8 m	70° 20'·37N., 22° 56'·69E.
7·5 m	70° 19'·04N., 23° 02'·33E.
8·2 m	70° 16'·07N., 23° 11'·06E.
9·2 m	70° 12'·60N., 23° 07'·99E.
8·7 m	70° 11'·73N., 22° 19'·73E.
2. A rock awash exists in position 70° 48'·45N., 24° 16'·11E.
3. Mariners are advised to navigate with caution in this area.
4. These and other amendments will be included in the next New Edition of Chart 2339. Charts 2315 and 2368 will be amended in due course.

Charts affected — 2339 — 2315 — 2368

Norwegian Notice 2/111/03 (HH.309/460/03).

1242(P)/03 SWEDEN, East Coast — Utklippan Southwards to Fårö Eastwards — Recommended route

1. A channel approximately 6·5 miles wide has been established within the Swedish economic zone between a position north of Bornholm and the waters east of Gotland. It is recommended for use by deep-draught vessels and vessels carrying dangerous cargo. The channel was surveyed during 2002 and the minimum depth found to be 25 metres. The recommended maximum draught is 15 metres.
2. The north and west boundary of the channel is:

55° 39'·19N., 15° 10'·94E.
56° 00'·31N., 17° 40'·24E.
56° 22'·65N., 18° 43'·02E.
57° 22'·17N., 19° 41'·95E.
58° 05'·73N., 20° 17'·13E.

The south and east boundary of the channel is:

55° 35'·23N., 15° 30'·42E.
55° 53'·85N., 17° 43'·95E.
56° 17'·24N., 18° 52'·01E.
57° 18'·90N., 19° 53'·17E.
57° 58'·29N., 20° 24'·63E.
3. Charts 2360 and 2817 will be updated by Notice to Mariners. New editions of Charts 2223, 2251, 2288 and 2816 showing the channel will be published shortly.

Charts affected — 2223 — 2251 — 2288 — 2816

Swedish Notices 51–52/731/02 & 4/911/03 (HH.165/410/03).

II

1243(T)/03 GERMANY, North Sea Coast — Measuring instruments; Buoyage

- Measuring instruments have been established temporarily in the positions shown below. They are marked by either yellow buoys or yellow light-buoys, *Fl(5)Y.20s*. They will be on station 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>Chart</i>
53° 43'.45N.	6° 22'.50E.	3761
53° 45'.75N.	6° 40'.20E.	3761
53° 48'.25N.	6° 57'.80E.	3761
53° 51'.60N.	6° 22'.10E.	3761
53° 52'.15N.	7° 24'.25E.	3761
53° 54'.15N.	6° 40'.00E.	3761
53° 58'.65N.	6° 57'.80E.	3761
53° 59'.20N.	6° 21'.50E.	3761
54° 00'.65N.	7° 24'.70E.	3761
54° 06'.95N.	6° 21'.00E.	3761
54° 07'.50N.	6° 37'.10E.	3761
54° 08'.00N.	6° 54'.00E.	3761
54° 08'.40N.	7° 27'.00E.	3761
54° 13'.96N.	8° 05'.51E.	3767
54° 15'.51N.	7° 39'.92E.	3736
54° 20'.48N.	8° 18'.92E.	3736
54° 34'.82N.	8° 13'.08E.	3736
54° 37'.98N.	7° 55'.01E.	3736
54° 59'.54N.	7° 54'.20E.	3736
* 55° 02'.58N.	7° 20'.86E.	3766
55° 02'.97N.	8° 17'.47E.	3736
55° 02'.61N.	6° 42'.63E.	1405
55° 02'.91N.	6° 56'.61E.	1405
55° 04'.78N.	6° 32'.27E.	1405
* 55° 04'.98N.	6° 52'.93E.	3766
* 55° 05'.18N.	7° 10'.38E.	3766
55° 05'.97N.	6° 39'.80E.	1405
* 55° 09'.07N.	7° 20'.33E.	3766
* 55° 10'.90N.	6° 51'.34E.	3766
* 55° 16'.80N.	6° 50'.16E.	3766

* Indicates new or revised entry.

- Former Notice 481(T)/03 is cancelled.
UK Hydrographic Office (HH.326/003/10).

1244(P)/03 AFRICA, West Coast — Angola — Ponta da Moita Seca Westwards — Offshore installations; Restricted area

- The Kizomba A Oilfield is being developed westward of Ponta da Moita Seca. This will involve the installation of a platform, FPSO, loading buoy and subsea wells. Development will continue until late 2004.
- A restricted area has been established within a limit joining the following positions:
6° 15'.98S., 11° 07'.54E.
6° 15'.98S., 10° 59'.05E.
6° 23'.08S., 11° 07'.54E.
6° 23'.08S., 10° 59'.05E.
- Mariners are advised not to enter the restricted area without authorization.

Chart affected — 640

Esso Angola (HH.447/180/08).

1245(T)/03 INDIAN OCEAN — Comores — Ile de Mayotte — Fish aggregating devices

Fish aggregating devices have been established in the following positions:

12° 48'.6S., 45° 19'.5E.
12° 46'.0S., 45° 21'.2E.
12° 49'.7S., 45° 26'.9E.
12° 43'.1S., 45° 21'.6E.
13° 03'.43S., 45° 15'.81E.
12° 50'.3S., 45° 22'.6E.
12° 58'.7S., 45° 17'.7E.
13° 01'.8S., 44° 55'.6E.
12° 56'.1S., 44° 53'.8E.
12° 47'.7S., 44° 54'.8E.
12° 36'.9S., 44° 54'.2E.

Charts affected — 2757 — 2741 — 563

French Notice 4/09(T)/03 (HH.462/400/04).

1246(T)/03 CHINA, South Coast — Approaches to Chiwan and Shekow — Wreck

A wreck is reported to exist in position 22° 26'.20N., 113° 52'.60E.

Charts affected — 342 — 343

Chinese Notice 52/989(T)/02 (HH.550/408/03).

II

1247(T)/03 AUSTRALIA — Queensland — Moreton Bay — Fisherman Islands — Depth

1. A shoal depth of 05 m exists in position 27° 21'·26S., 153° 11'·75E. (WGS84).
2. Mariners are advised to navigate with caution in the area.

Charts affected — Aus 236 — Aus 237

Australian Notice 2/75(T)/03 (HH.571/009/2003).

1248(T)/03 AUSTRALIA — Queensland — Brisbane River — Fisherman Islands — Works

1. Drilling operations are being carried out in an area bounded by the following positions (WGS84):
 27° 21'·52S., 153° 10'·68E.
 27° 20'·41S., 153° 11'·43E.
 27° 20'·91S., 153° 12'·31E.
 27° 22'·00S., 153° 11'·51E.
2. The attending vessel will maintain a listening watch on VHF Ch 12.
3. Mariners are advised to navigate with caution in the area.
4. Former Notice 589(T)/03 is cancelled.

Charts affected — Aus 236 — Aus 237

Australian Notice 2/76(T)/03 (HH.571/009/2003).

1249(T)/03 AUSTRALIA — Queensland — Moreton Bay — Fisherman Islands — Buoyage

Light-buoys exist in each of the following positions (WGS84):

<i>Position</i>	<i>Description</i>
27° 21'·23S., 153° 11'·77E.	Isolated danger buoy, <i>Fl(2)8s</i>
27° 21'·14S., 153° 11'·77E.	Isolated danger buoy, <i>Fl(2)8s</i>
27° 21'·74S., 153° 11'·61E.	Special buoy, <i>Fl.Y.2·5s</i>
27° 20'·86S., 153° 11'·45E.	Special buoy, <i>Fl.Y.2·5s</i>

Charts affected — Aus 236 — Aus 237

Australian Notice 2/77(T)/03 (HH.571/009/2003).

1250(P)/03 AUSTRALIA — Queensland — Moreton Bay — Fisherman Islands — Works

Harbour works are ongoing within an area bounded by the following positions (WGS84):

27° 21'·64S., 153° 10'·76E.
 27° 20'·79S., 153° 11'·35E.
 27° 20'·94S., 153° 11'·63E. then in an arc through
 27° 21'·00S., 153° 11'·69E.
 27° 21'·06S., 153° 11'·74E. thence
 27° 21'·34S., 153° 11'·84E. then in an arc through
 27° 21'·40S., 153° 11'·85E.
 27° 21'·51S., 153° 11'·84E.
 27° 21'·60S., 153° 11'·81E. thence
 27° 22'·05S., 153° 11'·50E.

Charts affected — Aus 236 — Aus 237

Australian Notice 2/78(P)/03 (HH.571/009/2003).

1251(T)/03 AUSTRALIA — Queensland — Gladys Inlet — Buoy

1. The special light-buoy, *Fl.Y.2·5s* in position 17° 30'·36S., 146° 05'·10E. is unlit.
2. Mariners are advised to navigate with caution in the vicinity.

Charts affected — Aus 829

Australian Notice 2/81(T)/03 (HH.571/009/2003).

1252(T)/03 AUSTRALIA — South Australia — Gulf of St Vincent — Black Point — Wreck

1. A dangerous wreck, with only the mast visible at high water, exists in position 34° 36'·76S., 137° 53'·85E.
2. Mariners are advised to navigate with caution in the vicinity.

Chart affected — Aus 781

Australian Notice 2/86(T)/03 (HH.571/009/2003).

1253(T)/03 AUSTRALIA — South Australia — Port Adelaide — Light-beacon; Buoy

1. The port-hand light-beacon, No 8B, in position 34° 45'·98S., 138° 29'·14E. has been destroyed.
2. A pink spherical buoy exists in situ.
3. Mariners are advised to navigate with caution in the area.

Chart affected — Aus 137

Australian Notice 2/87(T)/03 (HH.571/009/2003).

II

1254(T)/03 AUSTRALIA — Tasmania — Huon River — Charlotte Cove — Wreck; Buoy

A wreck, marked by an isolated danger buoy, exists in position 43° 16'·32S., 147° 08'·65E.

Chart affected — Aus 173

Australian Notice 2/89(T)/03 (HH.571/009/2003).

1255(T)/03 AUSTRALIA — Victoria — Port Phillip — Port of Geelong — Corio Channel — Light–beacon; Buoy

1. No 1 light–beacon in position 37° 07'·24S., 144° 22'·12E. has been destroyed.
2. A starboard–hand light–buoy, *Fl.G.2s*, exists in situ.

Chart affected — Aus 157

Australian Notice 2/90(T)/03 (HH.571/009/2003).

1256(T)/03 NEW ZEALAND — South Island, North Coast — Golden and Tasman Bays — Fixed fishing areas; Buoyage

1. Fixed fishing gear has been deployed until 30 April 2003 in the following areas:
Golden Bay within 1 nautical mile of position 40° 46'·3S., 172° 50'·8E.
Tasman Bay within 1 nautical mile of position 41° 05'·0S., 173° 05'·5E.
2. All corners of the above areas are marked by cardinal light–buoys.

Chart affected — NZ 61

New Zealand Notice 2/31(T)/03 (HH.580/009/2003).

1257(P)/03 SOUTH PACIFIC OCEAN — Nouvelle-Calédonie, South Coast — Nouméa — Breakwaters

1. A new breakwater has been constructed in Port Moselle Marina in the vicinity of position 22° 16'·80S., 166° 26'·95E.
2. The breakwater west of Pointe Brunelet has been extended within the vicinity of position 22° 17'·60S., 166° 25'·95E.
3. Mariners are advised to navigate with caution in these areas.
4. These and other amendments will be included in the next New Edition of Chart 480.

Chart affected — 480

French Chart 7643 (HH.585/580/03).

1258(P)/03 PERU — Bahía del Callao — Anchorage areas

1. There have been extensive changes to the designated anchorage areas in the Bahía del Callao.
2. Mariners are advised to contact local authorities for the latest information.
3. These and other amendments will be included in the next New Edition of Chart 1853.

Chart affected — 1853

Peruvian Notice 12/126/02 (HH.643/452/04).

1259(P)/03 DOMINICAN REPUBLIC, South Coast — Puerto de Haina — Lights; Breakwater; Wreck; Jetty

1. A recently received Hydrographic Note has reported the following:
 - a. The front leading light, F.R, in position 18° 25'·46N., 70° 01'·18W. has been replaced with a directional light, Dir.GWR. There are no details available for the sector angles. The rear leading light, Oc.R.4s, in position 18° 25'·53N., 70° 01'·19W. has been removed.
 - b. The southern end of the east breakwater is reported to be at position 18° 24'·77N., 70° 01'·02W.
 - c. A stranded wreck exists in position 18° 24'·60N., 70° 01'·28W.
 - d. A dry cargo berth jetty is under construction between the following positions:
18° 24'·505N., 70° 01'·515W. (shore)
18° 24'·380N., 70° 01'·240W.
2. These and other amendments will be included in the next New Edition of Chart 471.

Chart affected — 471

mt *Temryuk* (HH.676/415/03).

1260(T)/03 UNITED STATES OF AMERICA — Gulf of Mexico — Florida — St Andrew Bay — Entrance Channel — Lights

1. It has been reported that the Range 'A' leading lights do not mark the centreline of the St Andrew Bay entrance channel.
2. Mariners are advised to navigate with extreme caution in this area.

Chart affected — 3148

U.S. Notice 7/11391/03 (HH.615/465/05).

II

1261

TEMPORARY AND PRELIMINARY NOTICES

In Force 1st March 2003

(Former Notice 594/03 is cancelled)

Cancelled Notices

<i>Area</i>	<i>Notice No.</i>	<i>Area</i>	<i>Notice No.</i>	<i>Area</i>	<i>Notice No.</i>
1	4534/02	2	2218/98, 285/00, 3210/02	2	5187/02
3	2946/00	4	4538/02	5	481/03
6	450/00, 4123/00, 362/03	8	1618/00	9	821/00, 220/02, 155/03
12	4325/01, 4541/02	14	2122/97, 4326/01, 4645/01	14	1426/02, 2479/02, 3324/02
16	985/03	17	998/02	18	2045/00, 2046/00, 1888/01
18	2154/02, 2493/02, 3328/02	18	3566/02, 3678/02, 3874/02	18	4404/02, 4543/02, 4544/02,
18	4750/02, 5452/02, 165/03,	18	265/03, 589/03, 864/03,	18	1106/03
21	3422/01, 3880/02, 4545/02	21	4755/02	24	460/00
25	2786/01, 3883/02				

<i>No. of Notice</i>	<i>Charts affected</i>	<i>Locality & Subject</i>	<i>Folio(s)</i>
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1. MISCELLANEOUS

2. BRITISH ISLES

1065/99–	2484	England, E. coast, River Thames, Hole Haven Creek: Depths	8
3840/99–	2800	Ireland, E. coast, Carlingford Lough, Warrenpoint: Amendments to approach channel	3
4672/99–		British Isles: Transfer of Admiralty Charts to a horizontal datum compatible with World Geodetic System 1984 Datum	
2327/00–	266, 2182B	England, E. coast to Denmark, Redcar to Fanø and Esbjerg: Submarine cable	7, 9
3520/00–	2565, 1178, 2	England, W. coast, Cornwall, Whitesand Bay Northwestwards, Westwards and Southwestwards: Submarine cable	1,2,6
3784/00–	1200	England, E. coast, The Wash, Approaches to King's Lynn, Old Lynn Road: Buoyage	7
4119/00–	1478, 1468, 1787, 2049, 2423, 2424, 1178, 1411, 1121, 1123, 2	Ireland, E. and S. coasts, Dublin Bay to Mizen Head Southwestwards: Submarine cable	1,2,3,6
4731/00–		British Isles, Positions on Admiralty Charts and small craft versions during the period of transfer to a WGS 84 compatible datum	–
428/01–	1978, 1981, 2198, 2199, 2798, 2811, 1320, 1770, 2093, 2094, 1411, 2723, 2724, 2725, 1121, 1127, 2635, 2	England, W. coast to Ireland, NW. coast, Southport to Tory Island Westwards: Submarine cable	3,4,5,6
768/01–	1178, 1123, 2	England, W. coast to Ireland, S. coast, Saunton Sands to Celtic Sea: Submarine cable	1,2,6
877/01–	2049, 1178, 1121, 1123, 2	England, W. coast to Celtic Sea, Burnham-on-Sea Northwards, Celtic Deep and Porcupine Sea Bight Eastwards: Submarine cable	1,2,3,6
1977/01–	1462, 2162	Scotland, N. coast, Scrabster: RoRo berth; Reclamation; Lifeboat	6
1986/01–	2182B	England, E. coast to Netherlands, Filey to Eemshaven: Submarine cable	7,9
2274/01–	2198, 2199, 1411, 2724, 1121, 2635, 2	Scotland, W. coast to Ireland, NE. coast, North Channel, Loch Ryan Northwards to Larne Eastwards: Submarine power cables	3,5,6
2436/01–	244, 213, 272, 274, 278, 1409, 2182B, 2182C	Scotland, E. coast, Bay of Cruden Eastwards, Northeastwards and Southeastwards to North Sea, Norwegian Sector, Ula Oil Field: Submarine cable	6,7
2437/01–	2131	Scotland, W. coast, Firth of Clyde, Loch Fyne, Otter Spit: Less water	3
2855/01–	2378, 2379	Scotland, W. coast, Loch Linne, Lismore, Lynn of Lorn: Artificial reef	5
3243/01–	1152, 1179, 1178, 1121, 1123, 1104, 2	England, W. coast to Celtic Sea, Burnham-on-Sea Westwards to Celtic Sea Southwards: Submarine cable	1,2,3,6, 16
3335/01–	1179, 1178, 20, 1123, 1104, 2	England, W. coast to Celtic Sea, Barnstaple Bay to Celtic Sea Southwards: Submarine cable	1,2,6,16
3730/01–	1552	England, W. coast, Morecombe Bay, Approaches to Heysham: Depths	3
1614/02–	109	England, E. coast, River Humber, Hull Middle to Barton Ness Sand: Depths; Drying heights	7
1615/02–	160, 2182B	England, E. coast, Holy Island to the Farne Islands and Inner Approaches: Depths; Drying heights	6,7
1616/02–	160, 2182B	England, E. coast, Berwick-on-Tweed and Inner Approaches: Depths; Drying heights	6,7
1617/02–	160, 2182B	England, E. coast, Eyemouth and Inner Approaches: Depths	6,7
1618/02–	160, 2182B	England, E. coast, St Abbs Head to the Farne Islands: Depths	6,7

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2. BRITISH ISLES – continued

1619/02–	1547, 1819	Ireland, W. coast, River Shannon, The Estuary to Kilrush: Anchorage areas; ...	4
		Pilot boarding places	
2030/02–	2568, 35	Scotland, N. coast, Orkney Islands, Hoy Sound and approaches: Depths	6
2031/02–	1344, 44, 1346, 1468,	Ireland, E. coast to Scotland, W. coast, Gormanston to Ross Bay:	3
	2093, 2094, 1411, ..	Submarine pipelines; Obstruction	
	1121		
2366/02–	1156, 1178, 1123, 2	W. coast to Celtic Sea, Bude Westwards: Submarine cable	1,2,6
3315/02–	2096, 1984, 3339, ..	Ireland, W. coast, Approaches to Galway Bay, Aran Islands Northwards	4
	3338, 2173, 2420 ..	and Eastwards, North Sound and Cashla Bay: Depths	
3554/02–	2693	England, E. coast, Approaches to Woodbridge Haven: Depths;	7
		Drying height	
3771/02–	2053	Ireland, S. coast, Kinsale Harbour: Port developments	2
3870/02–	1188, 109	England, E. coast, River Humber, Immingham: Depths; Drying height	7
4094/02–	1491, 2693	England, E. coast, River Orwell: Buoyage	7
4219/02–	1185	England, E. coast, Approaches to Sheerness, Medway Approach Channel:	8
		Buoyage; Dredged area; Anchor berth; Anchorage area	
4394/02–	1188, 109	England, E. coast, River Humber, Bull Anchorage Area and Hawke	7
		Anchorage Area: Anchor designations	
4395/02–	1188, 109, 107	England, E. coast, Entrance to the River Humber, Spurn Head Eastwards	7
		and Grimsby Northeastwards, The Binks and Grimsby Middle: Depths;	
		Drying heights	
4535/02–	1481, 190	Scotland, E. coast, River Tay and Approaches: Depths	6
4647/02–	3292, 3298, 3282 ..	Shetland Islands, Yell, SW. coast, Bay of Ulsta: Tidal stream generator	6
5544/02–	2010, 1981, 1320, ..	England, W. coast, Isle of Walney Southwestwards: Submarine cables;	3
	1826, 1121	Submarine pipeline	
	149/03–	England, S. coast, Folkestone: Depths	1
	257/03–	Scotland, W. coast, Inner Sound, Scalpay Northeastwards and Eastwards	5
		and Longay Northeastwards: Depths	
354/03–	2499	Ireland, N. coast, Approaches to Londonderry and River Foyle,	3
		Magilligan Point to Londonderry: Depths	
355/03–	2852, 2767	Ireland, W. coast, Approaches to Sligo, Cullaun Bwee: Light	4
480/03–		British Isles: Oceanographic buoys and moorings established temporarily	–
729/03–	1975, 1183	England, E. coast, Thames Estuary, Long Sand Head to Long Sand: Depths;	7,8
		Drying heights	
730/03–	3319	England, E. coast, River Thames, Westminster Bridge: Repairs	8
731/03–	3319	England, E. coast, River Thames, Blackfriars Railway Bridge: Repairs	8
857/03–		British Isles: Electronic Navigational Charts, Trial to include all	—
		Preliminary Notice to Mariners in Electronic Navigational Charts covering	
		the United Kingdom	
1097/03–	3741	England, E. coast, River Colne: Aids to navigation	7
1240/03–	2571	England, E. coast, The Swale, Whitstable: Light	8

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

3521/00–	2967	Russia, N. coast, Barents Sea, Proliv Karskiye Vorota: Depths	14
295/01–	3882	Norway, W. coast, Bodø Indre Havn: Harbour developments; Light.	14
970/01–	3759	Norway, W. coast, Vågsfjorden, Astafjorden, Tjeldsundet and	14
		Sandtorstraumen: 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
3908/01–	3182, 2962	Russia, N. coast, Kara Sea, Novaya Zemlya to Isáchenko Island: Depths	14
4098/01–	3181, 3182	Russia, N. coast, Kara Sea, Novaya Zemlya to Ostrov Belyy: Depths	14
4758/01–	3152	Norway, SE. Coast, Arendal Havn: Reclamation; Marina developments	12
		Ferry routes; Jetties	
139/02–	2269, 3180	Russia, N. coast, Barents Sea, Norton's Ground Westwards:	14
		Navigation dangerous	
219/02–	3037,	Norway, W. coast, Frøysjøen, Frøya to Florø: Submarine cable	13
401/02–	3506, 2308	Norway, W. coast, Leka Northwards and Westwards, Gimsefjorden,	14
		Bindalsflesa Northwestwards and Hotafjorden: Depths	
2145/02–	2966	Russia, N.coast, Kol'skiy Zaliv: Jetties; Breakwaters; Recommended	14
		anchorages; Mooring buoys; Wrecks	
2245/02	2327, 2366	Norway, W. coast, Vesterålen and Andefjorden: Lights; Depth	14
2997/02–	1327	Norway, S. coast, Approaches to Langesundbukta, Jomfruland Eastwards to	12
		Rakkebåane Southwards and Langangsfjorden: Depths; Harbour limit	
3556/02–	3158, 3159	Norway, S. coast, Oslofjorden, Svennerholmene Northeastwards to	12
		Søstrene: Depths	
3773/02–	301, 3018, 3019, 3025	Norway, W. coast, Lyngsøy Westwards to Kårstø: Depths	13
5545/02–	3137	Norway, N. coast, Svalbard, Spitsbergen, W. coast, Bellsund: Buoy	15
5546/02–	3158, 3159, 3160 ..	Norway, S. coast, Oslofjorden, Hollenderbåen: Light	12
150/03–	2270, 3180	Russia, N. coast, White Sea, Kaninskiy Bereg, M. Ludovaty Westwards:	14
		Depths	
356/03–	2330	Norway, N. coast, Laksefjorden, Landersfjord: Depth	14
357/03–	2280, 2273	Russia, N. coast, Arkhangel'sk: Lights; Depths; Anchorage areas;	14
		Coast radar station	
358/03–	3524, 3529, 3600 ..	Norway, W. coast, Outer Approaches to Mosjøen, Øksningssundet,	14
		Færøysundet, Husværffjorden, Åkviksundet, Dønnessundet, Alstenfjorden	
		and Kåsa: Depths	

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

582/03–	3539	Norway, W. coast, Åmøy, E. coast, Vestre Åmøy and Åmøy	13
		Southeastwards, Fuglaneset, Linesund and Klovningen: Lights	
583/03–	3600	Norway, W. coast, Outer approaches to Mo I Rana, Åsværet: Depths	14
1241/03–	2339, 2315, 2368	Norway, N. coast, Approaches to Hammerfest: Depths; Rock	14

4. BALTIC SEA AND APPROACHES

2933/99–	53	Gulf of Bothnia, Sweden, E. coast, Approaches to Luleå, Germandofjorden: Buoy	11
3864/00–	903, 2595	Sweden, W. coast, The Sound, Flintrännan: Depths	10
1205/01–	3441, 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
1980/01–	2248	Gulf of Finland, Finland, S. coast, Jussarö to Hästen: Depths	10,11
2567/01–	3441, 2297	Gulf of Finland, Finland, Hanko to Utö: Submarine cable	10,11
2568/01–	3441, 2297	Gulf of Finland, Finland, Hanko to Utö: Submarine cable	10,11
2662/01–	3441, 2297	Sweden and Finland, Entrance to the Gulf of Bothnia and Gulf of Finland, Vö to Utö: Submarine cables	10,11
2663/01–	2276	Lithuania, Klaipeda: Buoyage	10
5042/01–	57	Sweden, E. coast, Skelleftehamn, Skellefte Oil Harbour: Depth; Maximum authorised draught	11
322/02–	3415	Finland, Gulf of Bothnia, Mäntyluoto: Channel area; Buoyage	11
750/02–	879, 853, 3191, 3143, 2251, 2360, 2361, 2362, 1402	Sweden: Unexploded ordnance	9,10,12
2748/02–	3415	Gulf of Bothnia, Finland, W. coast, Northern Approaches to Rauma: Recommended track; Lights; Buoyage; Swept areas	11
2749/02–	2248	Gulf of Finland, Finland, S. coast, Helsinki to Kotka: Submarine cable	11
2998/02–	3415	Gulf of Bothnia, Finland, W. coast, Approaches to Rauma, Rihtniemi Westwards: Recommended track; Maximum authorised draught; Buoyage	11
3996/02–	3141	Sweden, E. Coast — Malaren — Hjulstafjärden — Koholmen Northwards: Depths	10
4648/02–	53	Gulf of Bothnia, Sweden, E. coast, Piteå, Pitsundet, Yttrefjärden and Stadsrännan: Depths; Obstructions; Maximum authorised draught	11
4649/02–	2679, 2117, 2365, 2150	Germany, N. Coast: Measuring instruments; Buoyage	10
5088/02–	2359, 2117	Germany, N. coast, Wismar Bucht: Depths; Rocks; Light; Buoy	10
5547/02–	3168	Sweden, E. coast, Södertälje, Mälarhamnen to Viksberg, Linasundet: Depth; Buoyage	10
5548/02–	2289	Latvia, Liepāja: Obstructions	10
151/03–	3062	Gulf of Bothnia, Finland, W. coast, Oulu: Lights; Recommended tracks; Maximum authorised draughts; Buoyage	11
258/03–	1090	Gulf of Finland, Finland, Hamina, Palokangas and Summan Laait: Quay; Swept areas; Buoyage; Lights	11
359/03–	857, 858	Sweden, W. coast, Approaches to Göteborg: Dredging and blasting works	10
360/03–	2340, 2296, 2298, 2299, 2300, 2252	Gulf of Bothnia: Depths	11
361/03–	902	Denmark, E. coast, København Havn: Buoy; Depths; Dredged areas; Works	10
732/03–		Germany, N. Coast: Measuring instruments; Buoyage	10
1242/03–	2223, 2251, 2288, 2816	Sweden, E. coast, Utklippan Southwards to Färö Eastwards: Recommended route	10

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

2378/96–	272, 1404	North Sea, Norwegian Sector, Ekofisk Oil Field: Buoyage; Anchoring and Fishing Prohibited areas	7,9
2398/98–	2182B	Germany, North Sea Coast to The Netherlands, Sylt to Castricum: Submarine cable	7,9
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 Karmoy, Sira Sound: Submarine cable	6,13
820/00–	2147, 1610	Netherlands to France, N. coast, Katwijkkaan Zee to St-Valéry-en-Caux Submarine cable	1,7,9,16
1395/00–	2182B	Denmark, W. coast and Germany, North Sea coast, Hvinde Sunde southwards to Nordeney: Submarine cable	7,9
3354/00–	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
767/01–	2672, 2182B, 2182C	North Sea, Norwegian Sector, to England, E. coast, Draupner Platform to Lowestoft: Submarine cable	6,7,9,13
971/01–	1405, 2182B	North Sea, German Sector, Weiss Bank Southwestwards: Obstruction	7, 9
2167/01–	274, 278, 291, 2182B, 2182C, 2, 4140	North Sea, U.K. Sector, Maureen and Moira Oilfields: Platform; Single Point Mooring; Well; Restricted areas	6,7

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

4551/01–	272, 291, 1129, . . .	Denmark, W. coast to Scotland, N. coast, Hinde Sande Southwards to	6,7,9,13
	2182B, 2182C	Orkney Islands and Shetland Islands Westwards: Submarine cables	
5041/01–	274, 2182C	North Sea, Norwegian Sector, Sleipner Gas Field Southeastwards:	6,7
		Template; Restricted area; Offshore activities	
1521/02–	274, 278, 2182B, North Sea, U.K. Sector, Marnock Oilfield Eastwards and Southwestwards:		6,7
	2182C	Obstructions; Offshore activities	
1787/02–	292, 2182C	North Sea, Norwegian Sector, Balder Oilfield Northeastwards:	6
		Ringhorne Field development	
2750/02–	121, 1190, 1191, . . .	North Sea, U.K. Sector, Cleeton Gas Field Northwestwards	7,9
	2182A, 2182B	and Southwestwards: Platform; Wellheads; Manifolds; Submarine pipelines	
3557/02–	294, 295, 2673	North Sea, U.K. Sector, Alwyn North Oil Field Southwestwards:	6,13
		Buoy; Obstruction	
3672/02–	278, 291, 2182B, . . .	North Sea, U.K. Sector, Buchan Oil Field Northwestwards: Obstructions	6,7,9
	2182C		
3774/02–	288, 292, 294, 2304, .	North Sea, Norwegian Sector, Hjartøy to Heimdal Gas Field: Template, ...	6,7,13
	2672, 2673, 2182C, .	Submarine pipeline	
	2182D, 2, 4140		
4539/02–	295, 2673	North Sea, U.K. Sector, South Cormorant Oil Field: Obstruction	6,13
5089/02–	294, 295, 2673	North Sea, U.K. Sector, Dunbar Oil Field: Buoy; Obstruction	6,13
5090/02–	120	Netherlands, Westerschelde, Schaar van Waarde: Breakwaters	9
5188/02–	1404, 1405	Denmark, W. coast, Horns Rev: Submarine power cable	9
5549/02–	110, 112, 120, 139, .	Netherlands, Westerschelde, Die Ems: Measuring instruments; Buoyage	9
	1546, 1874, 3632, 3761		
584/03–	292, 2182C	North Sea, Norwegian Sector, Balder Oil Field Southeastwards:	6
		Restricted area	
1098/03–	112, 2322, 2593, . . .	North Sea, Netherlands Sector, Traffic Separation Schemes North and West . . .	7,9
	1507, 3761, 1405, . .	of Friesland: Buoyage; Radar beacons	
	1408, 2182A, 2182B		
	4140		
1099/03–	120, 1874, 1872 . . .	Netherlands, Westerschelde, Wielingen: Precautionary area; Restricted	9
		area; Anchorage areas; Traffic separation scheme; Buoyage	
1243/03–		Germany, North Sea Coast: Measuring Instruments; Buoyage	–

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

3445/00–	2668, 2669, 1178, . .	France, N. coast to England, S. coast, Les Rosaires to Porthcurno:	1,2,16
	2656	Submarine cable	
566/01–	90	Spain, SW. coast, Cadiz Southwestwards: Fish havens	18
3539/01–	3635	Portugal, W. coast, Costa de Caparica Southeastwards: Submarine cable	18
5043/01–	1133	Spain, N. coast, Ría de Avilés: Dredged areas	18
752/02–	2985, 2989, 2986 . . .	France, W. coast, Entrance to La Loire: Secondary Channel; Buoyage	17
1200/02–	86	Spain, SW. coast, Bahía de Cádiz: Depths; Marina; Dredged depths;	18
		Buoyed channel; Mooring buoys; Slips	
1421/02–	3634	Portugal, W. Coast, Apúlia Southwestwards: Platform; Submarine cable;	18
		Buoyage	
2148/02–	3670, 2668, 2643 . . .	France, N. coast and W. coast, Baie de Saint–Brieuc to Bay of Biscay:	1, 16
	20, 1104	Submarine cable	
2752/02–	2990, 2146	France, N. coast, Le Havre Southwards: Works; Controlled zone	16
2753/02–	3669, 2668, ...	France, N. coast to Celtic Sea, Baie de Lannion Westwards: Submarine	1,6,16
	1104, 2	cable	
3317/02–	3276	Portugal, W. coast, Sines: Restricted areas, Reclamation	18
3674/02–	1352	France, N. coast, Fécamp Westwards: Restricted area; Waiting area	9,16
4650/02–	2910, 2916	France, W. coast, Approaches to la Gironde, Platin de Grave	17
		Southeastwards to Digue de Valeyac: Depths; Spoil ground, Restricted area	
5189/02–	1170	Spain, N. coast, Puerto de Bilbao and Approaches: Breakwaters;	17
		Restricted areas; Manoeuvring areas; Fairways; Safety area; Anchorage area	
152/03–	1122	Spain, N. coast, Ría de Ribadeo: Depths; Recommended anchorage; Lights; . . .	17,18
		Drying areas	
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UK Hydrographic Office (HA.903/05/01/01)			

IIA

*This section contains chart-correcting notices issued by the Chief Topographer/Hydrographer, Land Information New Zealand for the Edition(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 Land Information New Zealand. 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 EDITION 2 24 January 2003

NZ 28/03 NEW ZEALAND — North Island — East Coast — Hauraki Gulf — Tamaki Strait — Light.

Former Notice - NZ 152(P)/02 is cancelled.

Chart NZ 532 [93/02]

Amend	sectors at Sandspit Passage light, to:	36° 54'·00S., 175° 11'·00E.
	W 091.3° - 124° (32.7°)	
	R 124° - 139° (15°)	
	R 277° - 287.8° (10.8°)	
	W 287.8° - 303.3° (15.5°)	
	R 303.3° - 000° (56.7°)	

Note: Red sector of light is obscured 139° - 277° by Ponui Island.

Chart NZ 533 [93/02]

Amend	sectors at Sandspit Passage light, to:	36° 54'·00S., 175° 11'·00E.
	W 091.3° - 124° (32.7°)	
	R 124° - 139° (15°)	
	R 277° - 287.8° (10.8°)	
	W 287.8° - 303.3° (15.5°)	
	R 303.3° - 000° (56.7°)	

Note: Red sector of light is obscured 139° - 277° by Ponui Island.

Chart NZ 5324 [NE Oct 02]

Amend	sectors at Sandspit Passage light, to:	36° 54'·00S., 175° 11'·00E.
	W 091.3° - 124° (32.7°)	
	R 124° - 139° (15°)	
	R 277° - 287.8° (10.8°)	
	W 287.8° - 303.3° (15.5°)	
	R 303.3° - 000° (56.7°)	

Note: Red sector of light is obscured 139° - 277° by Ponui Island.

Maritime Safety Authority

NZ Light List K3852

NI 7/2003

NZ 29/03 NEW ZEALAND — South Island — North Coast — Tasman Bay — Separation Point Light

Chart NZ 48 [241/01]

Amend	Separation Point light to, <i>Fl.8s18m8M</i>	40° 47'·00S., 172° 59'·85E.
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Chart NZ 61 [143/02]

Amend	Separation Point light to, <i>Fl.8s18m8M</i>	40° 47'·00S., 172° 59'·85E.
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Chart NZ 614 [143/02]

Amend	Separation Point light to, <i>Fl.8s18m8M</i>	40° 47'·00S., 172° 59'·85E.
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Maritime Safety Authority

NZ Light List K4204

NI 6/2003

IIA

NZ 30(T)/03 SAFETY ALERT - Television Antennae Interference with GPS.

1. It has come to the attention of the US Coast Guard that certain consumer electronics-grade active VHF/UHF marine television antennas are causing operational degradation in the performance of Global Positioning System (GPS) receivers. This interference may be realised as a display of inaccurate position information or a complete loss of GPS receiver acquisition and tracking ability.
2. The interference is not limited to the GPS equipment onboard the vessel with the installed active marine television antennae. There have been reports of interference occurring on other vessels and installations operating up to 2000 feet away from vessels using such antennae.
3. In one particular case, the interference caused the position of the vessel as displayed on the electronic chart to move erratically dramatically, often across large expanses of land. As can be expected, various data displays indicated erroneous information such as excessive speeds. In these instances the problem would occasionally correct itself while at other times required resetting the system. To the vessel's crew these annoyances were frustrating and caused concerns that perhaps less obvious inaccuracies were occurring. Ultimately this affected their confidence in the performance of the GPS and Electronic Chart Display and Information System.
4. If you are experiencing recurring outages or degradation of your GPS receiver operation you should perform an on/off test of your TV antennae. If turning off the power to the antennae results in improvement in the GPS receiver performance, the antenna may be the source of interference in the GPS band. In that case you should contact the manufacturer of the antennae and identify the symptoms.
5. Antennae models identified as causing GPS interference during investigations are:
 - TDP (Tandy Distribution Products) Electronics - MINI STATE Electronic Amplified UHF/VHF Antenna - Models 5MS740, 5MS750, 5MS 921.
 - Radio Shack Corporation - Long Range Amplified Omni-Directional TV Antenna - Model 15-1624
 - Shakespeare Corporation - Sea Watch - Models 2030, 2050.

USCG & NZ Shipping Federation.
NI 5/2003

To accompany Notice to Mariners 1173/03

On Chart 563

FISH AGGREGATING DEVICES

Many fish aggregating devices are present around Ile de Mayotte. They are fitted with a string of orange coloured balls and a mast with a flag at the top. Mariners should keep a distance of 1.5 miles off these buoys. For the latest positions of fish aggregating devices around Ile de Mayotte see Admiralty Temporary and Preliminary Notices to Mariners.

On Chart 2741

FISH AGGREGATING DEVICES

Many fish aggregating devices are present around Ile de Mayotte. They are fitted with a string of orange coloured balls and a mast with a flag at the top. Mariners should keep a distance of 1.5 miles off these buoys. For the latest positions of fish aggregating devices around Ile de Mayotte see Admiralty Temporary and Preliminary Notices to Mariners.

On Chart 2756

FISH AGGREGATING DEVICES

Many fish aggregating devices are present around Ile de Mayotte. They are fitted with a string of orange coloured balls and a mast with a flag at the top. Mariners should keep a distance of 1.5 miles off these buoys. For the latest positions of fish aggregating devices around Ile de Mayotte see Admiralty Temporary and Preliminary Notices to Mariners.

On Chart 2757

FISH AGGREGATING DEVICES

Many fish aggregating devices are present around Ile de Mayotte. They are fitted with a string of orange coloured balls and a mast with a flag at the top. Mariners should keep a distance of 1.5 miles off these buoys. For the latest positions of fish aggregating devices around Ile de Mayotte see Admiralty Temporary and Preliminary Notices to Mariners.

On Chart 3187

CHANNEL DEPTHS (see Note)								
HOUSTON SHIP CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HOUSTON SHIP CHANNEL EXXON OIL CO. SLIP TO CARPENTER BAYOU (A)	32.0	37.0	39.0	34.0	11-02	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	38.0	38.0	34.0	28.0	11-02	400-300	4.70	40
A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO. B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

On Chart 3188

CHANNEL DEPTHS (see Note)								
HOUSTON SHIP CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HOUSTON SHIP CHANNEL EXXON OIL CO. SLIP TO CARPENTER BAYOU (A)	32.0	37.0	39.0	34.0	11-02	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	38.0	38.0	34.0	28.0	11-02	400-300	4.70	40
GREENS BAYOU CHANNEL (TO FIRST BEND)	39.0	42.0	44.0	42.0	4-02	500-175	0.34	36
THENCE TO HUNTING BAYOU (UPPER BEND)	40.0	43.0	43.0	40.0	8-02	300	1.91	40
TURNING POINT AT HUNTING BAYOU	43.0	42.0	42.0	41.0	6-02	600	0.17	40
THENCE TO SOUTHERN PACIFIC SLIP	39.0	41.0	41.0	38.0	8-02	300	3.04	40
TURNING POINT AT SIMS BAYOU	43.0	44.0	42.0	42.0	6-02	700	0.26	40
THENCE TO HOUSTON TURNING BASIN WHARF 15	41.0	42.0	41.0	38.0	8-02	300	2.69	36
TURNING POINT AT BRADY ISLAND	22.0	33.0	40.0	39.0	5-02	422	0.17	36
HOUSTON TURNING BASIN	36.0	35.0	37.0	35.0	7-02	250-1000	0.70	36
UPPER TURNING BASIN	21.0	22.0	15.0	19.0	7-02	150	0.23	36

A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO. (see Chart 3187)
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE
CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

To accompany Notice to Mariners 1217/03

On Chart 3192

CHANNEL DEPTHS (see Note)								
NECHES RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
MOUTH TO SMITH BLUFF	27	30	32	32	11-02	400	8.3	40
TURNING BASIN AT DEER BAYOU	37	35	32	32	11-02	700	0.2	40
TURNING BASIN AT SMITHS BLUFF	37	36	35	33	11-02	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT	16	25	25	19	11-02	400	7.5	40
TURNING BASIN (30°02'12"N, 94°01'58"W)	34	39	40	37	11-02	400-1306	0.2	40
CHANNEL EXTENSION	35	35	32	28	11-02	350	0.2	36
MANOEUVRING AREA (30°04'44"N, 94°05'05"W)	30	39	38	37	11-02	400-1000	0.6	40
BEAUMONT TURNING BASIN	37	37	38	37	11-02	400-535	0.2	34
TURNING BASIN EXTENSION	37	34	31	25	11-02	300	0.2	34
THENCE TO TRINITY INDUSTRIES	16	23	25	18	11-02	200	0.6	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 1262/03

On Chart 20

CHARTS 2649 AND 2675: POSITIONS
To agree with adjoining charts 2649 and 2675, which are referred to European Terrestrial Reference System 1989 Datum, positions read from chart 20 should be moved 0-06 minutes SOUTHWARD and 0-08 minutes WESTWARD.

On Chart 194

CHARTS 2537 AND 2538: POSITIONS
To agree with larger scale charts 2537 and 2538 which are referred to World Geodetic System 1984 Datum, positions read from chart 194 should be moved 0-07 minutes SOUTHWARD and 0-04 minutes WESTWARD.

On Chart 1034

CHARTS 517 AND 520: POSITIONS
Positions on this chart differ from those on charts 517 and 520 by varying amounts; positions should be transferred by bearing and distance from common charted objects, **not** by latitude and longitude.

On Chart 1123

CHART 2649: POSITIONS
To agree with adjoining chart 2649, which is referred to European Terrestrial Reference System 1989 Datum, positions read from chart 1123 should be moved 0-03 minutes NORTHWARD and 0-05 minutes WESTWARD.

CHART 2675: POSITIONS
To agree with adjoining chart 2675, which is referred to European Terrestrial Reference System 1989 Datum, positions read from chart 1123 should be moved 0-03 minutes NORTHWARD and 0-07 minutes WESTWARD.

To accompany Notice to Mariners 1262/03 (continued)

On Chart 1125

CHART 2649: POSITIONS

To agree with adjoining chart 2649, which is referred to European Terrestrial Reference System 1989 Datum, positions read from chart 1125 should be moved 0.03 minutes NORTHWARD and 0.02 minutes WESTWARD.

On Chart 3957

CHART 520: POSITIONS

Positions on this chart differ from those on chart 520 by varying amounts; positions should be transferred by bearing and distance from common charted objects, **not** by latitude and longitude.

On Chart 3959

CHART 520: POSITIONS

Positions on this chart differ from those on chart 520 by varying amounts; positions should be transferred by bearing and distance from common charted objects, **not** by latitude and longitude.

On Chart 3962

CHARTS 517 AND 520: POSITIONS

Positions on this chart differ from those on charts 517 and 520 by varying amounts; positions should be transferred by bearing and distance from common charted objects, **not** by latitude and longitude.

To accompany Notice to Mariners 1128/03



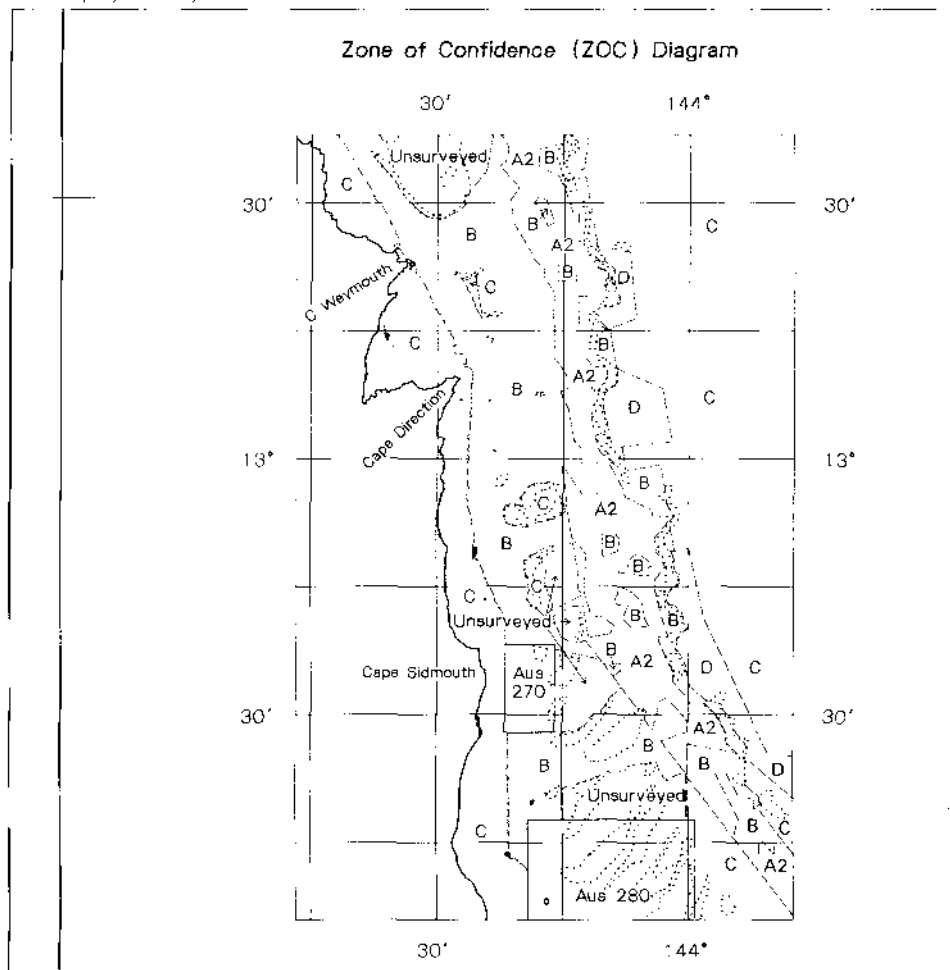
On Chart 2368

SUBMARINE CABLES AND PIPELINES
Mariners are advised not to anchor or trawl in the vicinity of submarine cables and pipelines. Some of the pipelines may carry oil or gas. See Annual Notice to Mariners No 24 and The Mariners Handbook.

To accompany Notice to Mariners 1199/03

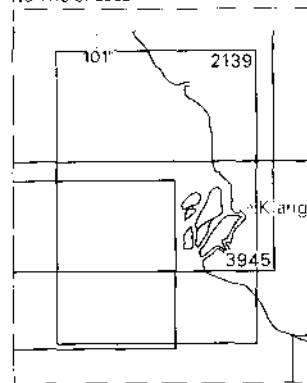
On Chart Aus 829

MILITARY EXERCISE AREA
Mariners are warned that gunnery exercises are conducted within areas of this chart. For area limits and details see Australian Notice to Mariners No 9.



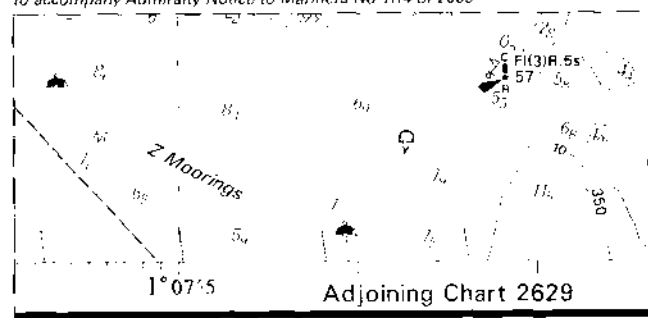
Block B for Chart No AUS 834

To accompany Admiralty Notice to Mariners
No 1115 of 2003



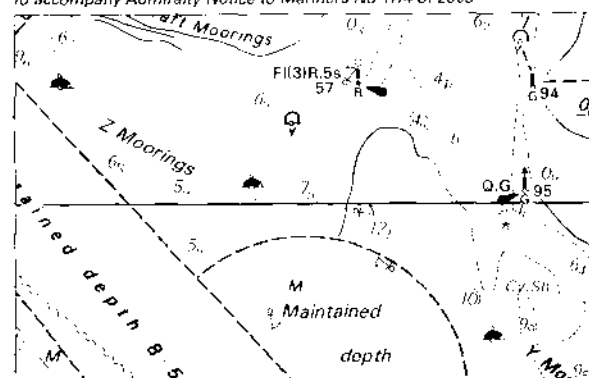
Block for Chart No 5502

To accompany Admiralty Notice to Mariners No 1114 of 2003



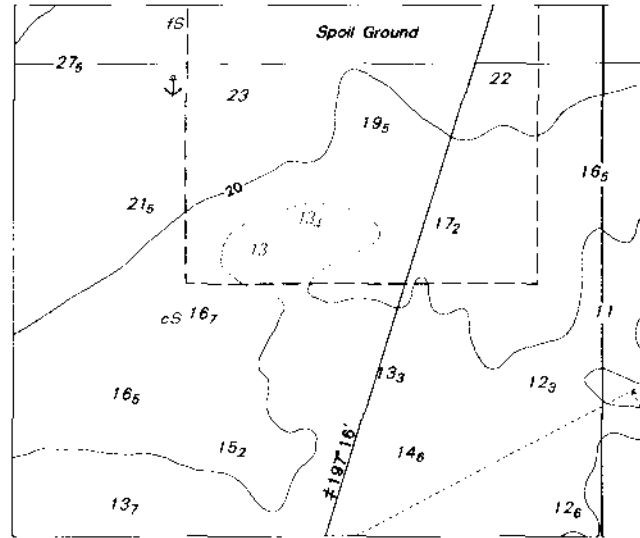
Block for Chart No 2628

To accompany Admiralty Notice to Mariners No 1114 of 2003



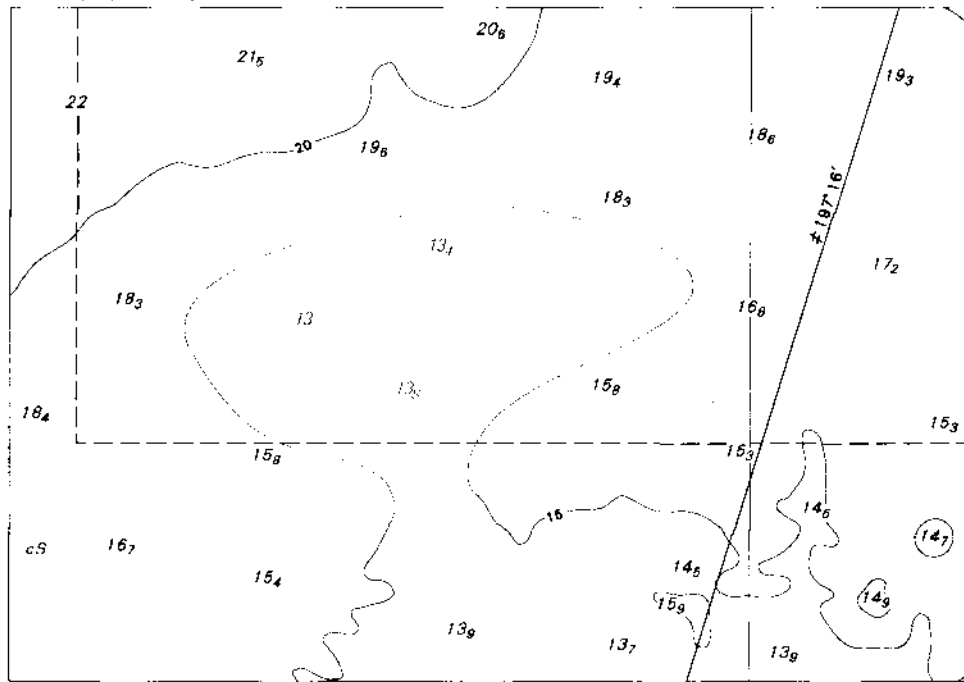
Block for Chart No 2631

To accompany Admiralty Notice to Mariners No 1117 of 2003



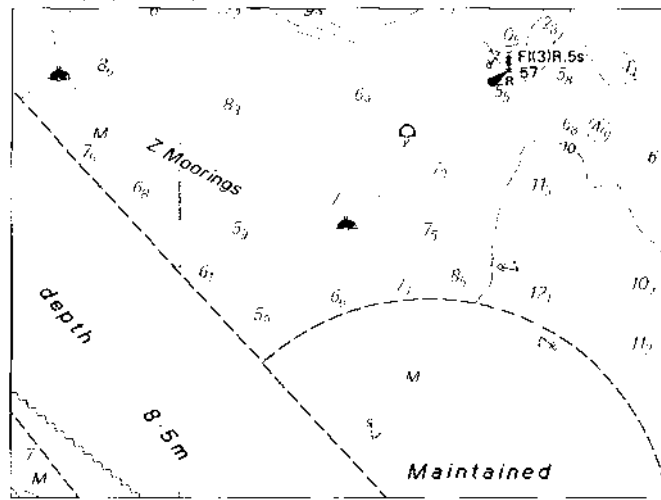
Block A for Chart No NZ4432

To accompany Admiralty Notice to Mariners No 1117 of 2003



Block B for Chart No NZ4432

To accompany Admiralty Notice to Mariners No 1114 of 2003



III

NAVIGATIONAL WARNINGS

See N.M. 13/02. Messages printed below are all in force on 25 February 2003. 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) 10th Week 6/3/03.

NAVAREA I warnings in force 25/2/03: 2000 series: 397. 2001 series: 510.

2002 Series: 262 337 416 464 466.

2003 Series: 017 019 020 028 041 044 046 052 055 061 062 064 072 074 080 081 082 083 084.

071 Cancelled.

072 NORTHEAST ATLANTIC OCEAN AND WESTERN NORTH SEA. Chart BA 2.

Major naval exercise involving ships, submarines and aircraft in progress throughout area bounded by:

Barra Head Light 56°47'N 007°39'W, 56°00'N 007°40'W, 56°00'N 013°00'W, 61°00'N 013°00'W,

61°00'N 000°00', 55°00'N 000°00', 55°00'N 001°25'W, the English and Scottish coasts anticlockwise to

Cape Wrath Light 58°38'N 005°00'W, Butt of Lewis Light 58°31'N 006°16'W then West of the Outer Hebrides to

Barra Head Light. Vessels are requested to give warships a wide berth.

Cancel this message 061800z Mar 03.

073 Cancelled.

074 SOUTHERN NORTH SEA, U.K. Sector. Charts BA 1187 and 1503. Pipelaying operations in progress by laybarge

Lorelay vicinity of line joining Clipper Platform 53°27'·6N 001°43'·8E, 53°31'·4N 001°44'·8E, 53°36'·0N 001°50'·3E, 53°36'·8N 001°55'·0E, 53°35'·9N 002°36'·2E and Well 53°34'·7N 002°47'·5E.

075 Not issued.

076 Cancelled.

077 Cancelled.

078 Cancelled.

079 Cancelled. Cancel 078/03.

080 FRANCE. The entry into French E.E.Z. for all single hulled tankers more than 15 years old and carrying heavy fuel oil, tar, asphaltic bitumen or heavy crude oil is subject to a 24 hours previous notification to relevant French MRCC/CROSS (Corsen or Jobourg or Gris-Nez) and strictly controlled by French authorities.

081 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 251000z Feb 03.

53°00'·0N 002°02'·9E Maersk Enhancer

53°42'·3N 004°36'·2E Noble Kolskaya

53°54'·0N 000°33'·1E Santa Fe Labrador

53°57'·0N 000°35'·7E Noble Julie Robertson

54°20'·4N 002°21'·3E Ensco 72

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 067/03.

III

082 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 251000z Feb 03.

	55°22'·4N	005°04'·5E	Maersk Guardian
	55°31'·8N	005°00'·4E	Maersk Endeavour
	55°33'·5N	005°08'·2E	Noble Byron Welliver
	56°38'·5N	005°19'·4E	Ensco 70
	56°43'·5N	002°05'·4E	Stena Dee
	56°51'·0N	002°15'·3E	Galaxy 1
	57°10'·0N	002°15'·6E	Sedco 712
NEW	57°54'·5N	001°01'·0E	Noble Ton van Langeveld
NEW	Rotterdam		Stena Spey
	58°04'·4N	000°53'·4E	West Alpha
NEW	Siri Oilfield		Maersk Gallant
	58°18'·1N	001°42'·4W	Sedco 704
	58°22'·5N	001°18'·6E	Ocean Nomad
	58°28'·9N	000°24'·5E	Sedco 714
	59°25'·0N	002°38'·3E	Scarabeo 6
	59°31'·9N	001°24'·5E	Santa Fe 140

NOTES:

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

2. Cancel 068/03.

083 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 251000z Feb 03.

	60°18'·6N	004°20'·3W	Paul B Loyd Jr
	60°21'·1N	004°11'·0W	Transocean Leader
	60°43'·0N	003°35'·9E	West Venture
	60°47'·9N	003°26'·7E	Polar Pioneer
	60°53'·7N	003°39'·3E	West Vanguard
	61°05'·1N	003°31'·0E	Deepsea Delta
	61°05'·8N	002°11'·6E	Deepsea Trym
NEW	61°19'·5N	002°25'·3E	Bideford Dolphin
NEW	61°26'·1N	001°55'·5E	Borgland Dolphin
	61°30'·9N	000°57'·1E	Transocean John Shaw
	65°10'·4N	006°51'·1E	Transocean Searcher
	66°00'·8N	008°03'·5E	Stena Don
NEW	Sandnes, Norway		Deepsea Bergen

NOTES:

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

2. Cancel 069/03.

084 RIGLIST. South and West Coasts of the British Isles. Correct at 251000z Feb 03.

Nil

2. Cancel 070/03.

Cancel 404/02. ANM 1122/03 refers.

(2) Navarea II (E Atlantic) 10th Week 6/3/03.

Edited Navarea II warnings in force 25/2/03: 472/02, 497/02, 028/03.
068 to 070 received.

(3) Navarea III (Mediterranean) 10th Week 6/3/03.

Edited Navarea III warnings in force 25/2/03: 438/02, 596/02, 659/02.
095 to 112 received.

III

(4) Navarea IV (NW Atlantic) 10th Week 6/3/03.

Edited Navarea IV warnings in force 25/2/03: NIL.
077 and 079 to 082 received.

(5) Navarea V (W Atlantic) 10th Week 6/3/03.

Edited Navarea V warnings in force 25/2/03: 055/01, 1368/01.
202 to 254 received.

(6) Navarea VI (SW Atlantic) 10th Week 6/3/03.

Edited Navarea VI warnings in force 25/2/03: NIL.
2002 series: 479 received.
2003 series: 001 to 020 received.

(7) Navarea VII (SE Atlantic) 10th Week 6/3/03.

Edited Navarea VII warnings in force 25/2/03: NIL.
023 to 025 received.

(8) Navarea VIII (Indian Ocean) 10th Week 6/3/03.

Edited Navarea VIII warnings in force 25/2/03: 388/00, 268/01, 497/01, 641/02.
106 to 120 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 10th Week 6/3/03.

Edited Navarea IX warnings in force 25/2/03: NIL.
2002 series: 318, 319, 325, 328, 338 and 340 received.
2003 series: 009 to 013 received.

(10) Navarea X (Australia, New Guinea) 10th Week 6/3/03.

Edited Navarea X warnings in force 25/2/03: NIL.
Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 10th Week 6/3/03.

Edited Navarea XI warnings in force 25/2/03: 023/03.
046 to 053 received.

(12) Navarea XII (NE Pacific) 10th Week 6/3/03.

Edited Navarea XII warnings in force 25/2/03: NIL.
044 to 053 received.

(13) Navarea XIII (NW Pacific) 10th Week 6/3/03.

Edited Navarea XIII warnings in force 25/2/03: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 10th Week 6/3/03.

Edited Navarea XIV warnings in force 25/2/03: NIL.
039 to 043 received.

(15) Navarea XV (SE Pacific) 10th Week 6/3/03.

Edited Navarea XV warnings in force 25/2/03: NIL.
019 and 020 received.

(16) Navarea XVI (E Pacific) 10th Week 6/3/03.

Edited Navarea XVI warnings in force 25/2/03: 151/98.
Nil received.

III

(17) Hydropacs (Pacific, Indian Ocean) 10th Week 6/3/03.

Edited Hydropacs in force 25/2/03: 1272/99, 1341/02, 167/03, 268/03.
291 and 296 to 342 received, except 336.

(18) Hydrolants (Atlantic, Mediterranean) 10th Week 6/3/03.

Edited Hydrolants in force 25/2/03: 2002/98, 1581/00, 383/02.
371 and 374 to 432 received, except 430.

[10/03]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 9 Antarctic Pilot (1997 Edition)

**Antarctica – Anvers Island – Arthur Harbour –
Janus Island Southeastwards — Rock**

157

Paragraph 5.59 Reference Charts *Add: Chart 446*

158

Paragraph 5.59 8 line 8 *Add:*

A rock which covers and uncovers (64°47'1S, 64°05'6W) lies close SE of the E point of the island.

Paragraph 5.60 Reference Chart *Replace by: Chart 446*Paragraph 5.61 Reference Charts *Replace by:**Charts 3566, 446*HMS *Endurance*

(HH. 697/420/05)

[10/03]

**Australian Antarctic Territory – Cape de la
Motte — Shoal depths**

208

Paragraph 8.54 3 *Add:*

Shoal depths of 9 m have been reported (2002) off Cape de la Motte in positions 66°59'9S, 144°34'9E and 66°59'3S, 144°24'8E. Breakers have been reported (2002) in approximate position 66°58'S, 144°21'E.

Captain R. McManamon

(HH. 009/200/02)

[10/03]

NP 11 Arctic Pilot Volume II (1996 Edition)

**Iceland, South–West Coast – Grindavík —
Buoyage**

82

Paragraph 2.65 Reference Chart *Replace by:*
*Icelandic Chart 314 (see 1.9)*Paragraph 2.67 2 line 5 Including existing Section IV
Notice Week 09/00, *Replace by:*

...W of the leading line. A light–buoy (green, spar) is moored on the E side of the channel about 2 cables S of the breakwaters.

Icelandic Notice 1/6/03

(HH. 336/420/02)

[10/03]

NP 13 Australia Pilot Volume I (1992 Edition) —
Supplement 3–2001**Australia, South Coast – Backstairs Passage –
Yatala Shoal — Sectorised light**

114

L 17 *Insert:*

South Page Light (white GRP hut, 7 m in height)
(35°46'7S, 138°17'5E)

R 7–10 *Replace by:*

...most N and largest of the group; South Page, from which a light (5.30) is exhibited, lies 1 mile SSW of North Page. Thence:

120

L 38 *Insert:*

Yatala Shoal lies within the red sector (105°–120°) of South Page Light (5.30)

L 70 *Add:*

South Page Light (5.30)

Australian Notice 26/859/02

(HH. 574/475/03)

[10/03]

NP 27 Channel Pilot (2002 Edition)

**Dockyard Port of Portsmouth — Exclusion zones
for underway warships**

213

*After Paragraph 7.167 Insert:***7.167a**

- 1 **Exclusion zones for warships underway** in the Dockyard Port of Portsmouth may be activated by QHM. When in force, they will exist for 500 m round the subject vessel, or to the limits of navigable water if this is less. During such activation, all vessels underway, except those involved in the escort or specifically authorised by the escort commander, are to remain clear of the zone.
- 2 An exclusion zone will be activated by direction from QHM on VHF Channel 11. It will be terminated on the subject vessel departing the Dockyard Port of Portsmouth boundary, or when notified by QHM on VHF Channel 11 or Southampton VTS on VHF Channel 12.
- 3 During activation, Southampton VTS on behalf of QHM, will direct traffic within the Dockyard Port of Portsmouth to remain at least 500 m clear of the subject vessel. Where this is not possible, commercial traffic will be held until the warship is clear. During the harbour entry or exit phase, all small craft traffic is to cease through the harbour entrance.
- 4 The warship for which an exclusion zone is activated will display two diamond shapes vertically disposed by day, or two flashing red lights horizontally disposed at the masthead by night. All escorting vessels will show a blue flashing light by day and night.
- 5 Mariners are cautioned that vessels in contravention of an exclusion zone, after being warned by at least two of the following methods; radio, flashing light or voice, will be deemed to have the intention of committing a hostile act against the warship being escorted.

QHM Portsmouth LNTM 64/02

(HH. 238/400/13)

[10/03]

**NP 41 Japan Pilot Volume I (1982 Edition) —
Supplement 8–2002**

**Hokkaidō, South Coast – Hakodate Kō — Sea
berth deleted**

167

R 38 *Insert:*

A light-buoy (special, conical) (41°48′.3N, 140°40′.7E) moored in No 5 Area marks the the seaward end of an abandoned submarine oil pipeline.

R 63–70 Including existing Supplement amendment
Replace by:

Spare

5.107

168

L 1–7 Including existing Supplement amendment *Delete*

Japanese Notice 03/75/03

(HH. 562/412/03)

[10/03]

**NP 45 Mediterranean Pilot Volume I
(2002 Edition)**

**Spain, South–East Coast – Cabo de San Martín
Northwestwards — Dangerous wreck**

123

Paragraph 2.289 1 line 1 *For* 0°08′W *Read* 0°08′E

Paragraph 2.290 1 line 2 *For* 0°17′W *Read* 0°13′E

After Paragraph 2.290 1 line 13 *Add:*

Caution. A dangerous wreck lies about 1 mile NW of Cabo de San Martín.

Spanish Notice 52/906/02

(HH. 361/530/03)

[10/03]

**Tunisia – Houmt Souk Northwestwards —
Dangerous wreck**

335

After Paragraph 7.280 3 line 5 *Add:*

Caution. A dangerous wreck lies about 5 miles NW of the anchorage.

Hydrolant 92/03

(HH. 407/550/03)

[10/03]

**Italy, West Coast – Gioia Tauro — Port entry
lights**

437

After Paragraph 11.79 1 *Insert:*

- 2 A sector port entry light (PEL) leads through the entrance on a heading of 103°. Two further PELs within the harbour lead 019°/199°.

Italian Notice 23.6/2002

(HH. 369/700/03)

[10/03]

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In force 1 March 2003

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Section 2

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3207.2	Friarton Road Outfall	56 22.8 3 25.7	Fl R 3s						
*	*	*	*	*	*	*	*	*	*

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AMENDMENTS TO FISHERMAN'S PILOT NP 151

Section 2

Admiralty List of Lights

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3811.5	-- Burravoe. Pier. E end	60 29.7 1 03.3	2 F R(ver)	...	...	...	1m apart
*	*	*	*	*	*	*	*
3996	- Weaver's Point (N)	57 36.5 7 06.0	Fl W 3s	21	7 White hut	4	<i>fl 1. Fl W 3s, (fl 0.3), 27m 5M on top of metal scaffold tower (T) January 2003</i>
		*					*
4183	- Northern Lighthouse Commissioner's Pier. Centre of Head (N)	56 24.7 5 28.9	Oc G 6s	6	5 Tower		<i>ec 2. Floodlit</i>
		*	*	*	*	*	*
4238	- Carraig Mòr (Carraig Mhor)	55 50.4 6 06.0	Fl(2)WR 6s	7	W 8 White tower R 6	7	<i>fl 0.5, ec 1.5, fl 0.5, ec 3.5. R shore=175°, W175°–347°(172°), R347°–shore. Unsectored Fl(2)W 6s 7m 5M shown on metal scaffold tower (T) February 2003</i>
							*

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Admiralty List of Lights

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4338	- Measured Distance. Centre Transit	55 40-7 5 10-0	Dir 2 F W(vert)	...	...	...	On each of 4 poles
	-- S Transit	...	Dir 2 F W(vert)	...	...	...	On each of 3 poles
	-- N Transit	...	Dir 2 F W(vert)	...	...	...	On each of 3 poles
			*				*
5863	Station M2. ODAS 25	53 28-8 5 25-5	Fl(5)Y 20s	4	5	Yellow superbuoy	Ra refl. RTE
*	*	*	*	*	*	*	*
5920	- N training wall. Head Pile Light (CIL)	53 58-5 6 17-6	Fl WR 15s	10	W 21 R 18	White house on green piles	fl 0-4. W124°–151°(27°), R151°–284°(133°), W284°–313°(29°), R313°–124°(171°). Also shown by day when fog signal is operating. Fog Det Lt VQ W 7m Vis when bearing 358°
	----	...	Horn(3) 60s	...	...	...	(bl 1-5, si 1) x 2, bl 1-5, si 53-5
	*		*	*		*	*
6231	Mullaghmore Harbour. Breakwater	54 28-0 8 26-7	Fl G 3s	5	3	Green △ on pile	fl 0-3. (P) 2003
*	*	*		*	*	*	*
6294	Western Approaches. Station M1.. ODAS 43	53 07-6 11 12-0	Fl(5)Y 20s	4	5	Yellow superbuoy	Ra refl. RTE
*	*	*	*	*	*	*	*
6431	Station M3.. ODAS 45	51 13-0 10 33-0	Fl(5)Y 20s	4	5	Yellow superbuoy	Ra refl. RTE
*	*	*	*	*	*	*	*

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AMENDMENTS TO FISHERMAN'S PILOT NP 153

Section 2

Admiralty List of Lights

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5486	- Pier. Head	51 29.7 2 45.3	Iso G 2s	5	3 White column 4
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V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

0132	---- Rear	50 21.9 Dir Oc WRG 7.5s 4 07.8	14	3 White tower on red roofed building	<i>ec 0.5.</i> G038°-047.2°(9.2°), W047.2°-049.7°(2.5°), R049.7°-060.5°(10.8°)
					*
0144.1	---- N end	50 22.1 2 F R(vert) 4 06.5			*
0786	- Black Point	50 47.1 F W 0 56.2	...	... Flagstaff	Shown Apr-Nov
					*
1172	- Ro Ro Berth. Ldg Lts 197°. Front	50 43.7 F G 1 34.0	16	8 Dolphin 6	Vis 107°-287°(180°)
					*
1172.1	--- Rear. 488m from front	50 43.4 F R 1 33.9	23	13 Red mast, white band 15	Intens 188°-206°(18°)
					*
1514	La Plate	49 44.0 Fl(2+1)WR 10s 1 55.7	11	W 9 Yellow 8-sided tower, black R 6 top 19	<i>fl 0.6, ec 0.6, fl 0.6, ec 1.8, fl 0.6, ec 5.8.</i> W115°-272°(157°), R272°-115°(203°)
					*
1837	<i>Grande Basse de Portsall</i>	48 36.7 VQ(9)W 10s 4 46.2	...	4 ⚡ on yellow buoy, black band 9	Ra refl
	-	... Whis			*
2195	Harwich Southern Approach. Threshold Wave/Tide Gauge	51 52.9 Mo(U)Y 15s 1 32.3	2	3 Yellow × on yellow beacon	Ra refl. Withdrawn (T) until March 2003
					*
2362.5	- Bull Dog Channel	52 53.6 Fl(5)G 20s 0 22.7	...	... Green beacon	Tide gauge. Destroyed (T) 2003
					*
3996	- Weaver's Point (N)	57 36.5 Fl W 3s 7 06.0	24	7 White metal framework tower 5	<i>fl 0.3</i>
			*	*	*
4248	- Carraig Fhada (N)	55 37.2 Fl WRG 3s 6 12.7	20	W 8 White square tower R 6 G 6 17	<i>fl 0.3.</i> W shore-248°, G248°-311°(63°), W311°-340°(29°), R340°-shore. Tower partially obscured by scaffolding (T) February-May 2003
					*
4299.7	- Sgeir Bhuidhe. W	55 52.0 VQ(9)W 10s 5 24.6	...	... ⚡ on yellow beacon, black band	
*	*	*	*	*	*

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Volume B, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

2236	- E side	59 04.9 Oc WRG 6s 10 58.2	7	W 6 White lantern R 4 G 4 *	G180°-183°(3°), W183°-187°(4°), R187°-000°(173°), W000°-006°(6°), G006°-007°(1°)
2528.1	--- Rear. 808m from front	59 06.5 Oc W 6s 10 23.2	41	17 White lantern	Vis 016°-023°(7°). Intens on leading line. Range unreliable *
3486	- Vestre Karmsund. Steinskjæret	59 25.0 Oc(2)WRG 8s 5 14.0	7	W 7 White lantern on tripod R 5 G 5 *	G115°-155°(40°), R155°-170°(15°), W170°-174°(4°), G174°-303.5°(129.5°), W303.5°-313°(9.5°), R313°-324°(11°)

Volume C, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

0581	- Göteborgsgrund	57 40.8 Fl(2)WRG 6s 11 49.4	6	W 10 White tower, black conical R 8 base G 6	G047.5°-058°(10.5°), W058°-071.1°(13.1°), R071.1°-074°(2.9°), G074°-083.5°(9.5°), W083.5°-288.8°(205.3°), R288.8°-047.5°(118.7°). Floodlit. TE 2003
		*			*
0988	Helnæs. Lindehoved	55 08.0 Fl WRG 5s 9 58.7	30	W 13 White square tower R 10 28 G 10	<i>fl 1.</i> R302°-321°(19°), G321°-330°(9°), W330°-343°(13°), R343°-030°(47°), G030°-075°(45°), W075°-125°(50°), R125°-141°(16°), G141°-179°(38°)
	*			*	
1046	-- Shelter Mole. Head	54 56.0 Fl R 3s 10 02.8	4	4 Grey metal post 3	<i>fl 0.7.</i> TE 2003
					*
1424.6	- Schmarl N. Ldg Lts 205.4°. Front	54 08.4 Oc(2)W 9s 12 05.2	20	10 Red △ on black framework tower, white bands 18	<i>ec 1</i>
		*			*
1424.61	--- Rear. 220m from front	54 08.4 Oc(2)W 9s 12 05.2	26	10 Red ▽ on black framework tower, white bands 23	<i>ec 1.</i> Synchronized with front
		*			*
1556	Knudshoved	55 17.4 Oc WRG 10s 10 51.1	16	W 12 White square tower R 10 12 G 10	<i>ec 4.</i> G220°-269°(49°), W269°-276°(7°), R276°-305.5°(29.5°), G305.5°-359°(53.5°), W359°-003.5°(4.5°), R003.5°-095°(91.5°). Partly obscured by houses from 072°-080°(8°)
	*			*	
2765.24	- Cementowe Wharf. S end	53 29.5 Iso G 2s 14 37.1	7	3 Green mast with gallery	
*	*	*	*	*	*

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Volume C *continued.*

4324	- Norrskatan. Ldg Lts 190°. Front	62 21·5 Q G 21 12·8	20	2	Red □, yellow stripe	Vis 174°-206°(32°). To be permanently removed (P) by May 2003 *
4324·1	--- Rear. 250m from front	62 21·4 Iso G 4s 21 12·8	28	3	Red □, yellow stripe	Vis 174°-206°(32°). To be permanently removed (P) by May 2003 *
4607·1	-- Rear. 430m from front	60 06·6 F R 20 40·7	12	3	Post	Vis 191°-011°(180°). On request *
4615·1	- Sälsö. Rear	60 04·5 Iso WRG 6s 20 45·2	29	W 9	Red □, yellow stripe	W120°-145°(25°), G145°-155°(10°), W155°-160°(5°), R160°-185°(25°), W185°-227°(42°), G227°-239°(12°), W239°-246°(7°), R246°-255°(9°), W255°-289°(34°), G293°-298°(5°), W298°-302°(4°), R302°-317°(15°), G317°-323°(6°), W323°-326°(3°), R326°-337°(11°) * * *
4648·6	Bärökobben	60 19·8 FI WRG 3s 21 02·3	7	W 5	Orange round concrete tower	<i>fl</i> 0·3, W281·5°-286·5°(5°), R286·5°-351·5°(65°), G351·5°-058°(66·5°), W058°-064·5°(6·5°), R064·5°-096°(31·5°), G096°-281·5°(185·5°) *
4698	Ingastholm. Ldg Lts 159·5°. Front *	60 23·3 Q W 21 32·3	6	6	Red □, yellow stripe	Vis 155·5°-163·5°(8°) *
4849·6	Revgrund	59 54·3 VQ(2)WRG 2s 22 18·3	9	W 6	...	<i>fl</i> 0·2, <i>ec</i> 0·3, <i>fl</i> 0·2, <i>ec</i> 1·3. R358·5°-277°(278·5°), G277°-341·5°(64·5°), W341·5°-358·5°(17°). Ra refl *
4916·1	- Rear. Gråskär	59 48·8 LFI W 6s 23 00·5	15	3	...	<i>fl</i> 2. Vis 302°-306°(4°) *
5107·1	-- Rear	60 02·6 LFI W 6s 24 19·1 *	30	6	...	<i>fl</i> 2 *
5107·51	-- Rear	60 02·2 LFI W 6s 24 20·2 *	26	7	...	<i>fl</i> 2. Vis 019·5°-027·5°(8°) *
5185	- Ulkomatala	59 59·5 VQ(3)W 5s 24 53·6	12	4	⬠ on black beacon, yellow band *	(<i>fl</i> 0·2, <i>ec</i> 0·4) <i>x</i> 2, <i>fl</i> 0·2, <i>ec</i> 3·6. Ra refl *

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Volume C *continued.*

5925	Norra Långrogrundet	63 19:3 Fl(2)WRG 6s 19 40-7		18	W 8 Black tower, white band and R 6 lantern, grey base G 5 21	<i>fl 0-5, ec 1, fl 0-5, ec 4.</i> G021°-066°(45°), W066°-185°(119°), R185°-206°(21°), G206°-227°(21°), W227°-233°(6°), R233°-271°(38°), G271°-281°(10°), W281°-350°(69°), R350°-021°(31°). Racon
						*
6687-1	-- Biskopsstenarna	59 31:2 Q Y 16 58-0		...	...	(T) 2003
*	*	*	*	*	*	*
6687-5	- Torparudden	59 29:5 Q Y 16 57:2		...	...	(T) 2003
*	*	*	*	*	*	*
6687-55	- Hummelnäs	59 28:9 Q Y 16 55:4		...	...	(T) 2003
*	*	*	*	*	*	*
6687-56	--	59 28:9 Q Y 16 55:1		...	...	(T) 2003
*	*	*	*	*	*	*

Volume D, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

1200	- Jetée Saint Nicolas. Head	46 29:3 Q R 1 47-4		16	8 White tower, red top 14	Vis 143°-094°(311°)
			*		*	
1534-26	-- Curva de la Salve	43 16:2 Fl R 4s 2 55-9		11	2 Red metal tripod on hut 8	<i>fl 1</i>
						*
1695	- Batería de San Cristóbal	43 27:9 Oc(2)WR 10s 8 18-2		19	7 White truncated conical tower 6	<i>ec 1-8, lt 1-8, ec 1-8, lt 4-6.</i> W044°-064°(20°), R064°-044°(340°)
						*
1700	- Breakwater. Head	43 21:8 Fl(4)G 11s 8 14-4		13	5 Green round tower 9	<i>(fl 0-5, ec 1-5) x 3, fl 0-5, ec 4-5</i>
		*	*	*	*	*
1700-15	- Muelle Pesquero. NE corner	43 21:8 Fl(2)R 7s 8 14-8		6	1 Red post 2	<i>fl 0-5, ec 1-5, fl 0-5, ec 4-5</i>
*	*	*	*	*	*	*
1700-2	-- SW corner	43 21:8 Fl(3)G 9s 8 14-7		6	1 Green post 2	<i>(fl 0-5, ec 1-5) x 2, fl 0-5, ec 4-5</i>
	*	*	*	*	*	*
1700-4	- Muelle Adosada. E Head	43 21:8 Fl G 5s 8 14-5		6	1 Green post 2	<i>fl 0-5</i>
*	*	*	*	*	*	*

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Volume D *continued.*

1700-5	-- Elbow	43 21-8 Fl(2)G 7s 8 14-6	6	1 Green post	2	<i>fl 0-5, ec 1-5, fl 0-5, ec 4-5</i>
	*	*	*	*	*	*
1702	- Espigón de la Pulgueira. N Head	43 21-7 Fl R 5s 8 14-8	6	1 Red post	2	<i>fl 0-5</i>
	*	*	*	*	*	*
1702-2	-- S Head	43 21-6 Fl(4)G 11s 8 14-8	6	1 Green post	2	<i>(fl 0-5, ec 1-5) x 3, fl 0-5, ec 4-5</i>
	*	*	*	*	*	*
1702-6	- Contradique. Head	43 21-7 Fl(4)R 11s 8 14-6	9	3 Red round tower	5	<i>(fl 0-5, ec 1-5) x 3, fl 0-5, ec 4-5</i>
		*	*	*		*
2020-4	- N Pier. Head	41 22-2 Fl R 3s 8 46-2	14	12 Red stucture, white bands	5	<i>fl 1</i>
	---	... Siren 40s	...	...	...	<i>bl 15. TD 2003</i>
						*
2134-44	Olivais. N Pier. Head	38 45-3 Fl G 6s 9 05-5	5	3 White post, green bands	3	<i>fl 0-5. TE 2003</i>
	*	*	*	*	*	*
2134-46	- Pier. Elbow	38 45-7 Fl(2)R 6s 9 05-4	5	3 White post, red bands	3	<i>fl 0-5, ec 1, fl 0-5, ec 4</i>
	*	*	*	*	*	*
2633-71	--- Rear. 25m from front	37 00-2 LFl W 6s 25 09-5	20	10 White mast, red stripes	5	<i>fl 2. TE 2003</i>
						*
2662-5	-- S Pier. Head	38 43-3 Fl R 3s 27 03-0	...	8 White tower, red bands	16	<i>fl 1. TE 2003</i>
						*
2704-5	- Porto das Lajes. Ldg Lts 250-8°. Front	39 22-7 LFl G 7s 31 10-0	17	2 Grey mast	2	<i>fl 3</i>
	*	*	*	*	*	*
2704-51	--- Rear. 267m from front	39 22-6 Oc G 4s 31 10-2	65	2 Grey mast	2	<i>ec 1</i>
	*	*	*	*	*	*
2705	-- Breakwater. Head	39 22-7 Iso R 6s 31 09-7	...	2 White mast	2	Marks works in progress (T) 2003. Mariners are advised not to navigate the port at night
		*				*
8538	- ESPOIR	5 01-9 Lit 4 27-2	...	... Platform		
	*	*	*	*	*	*

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Volume D *continued.*

8539	- FPSO	5 01·9 Lit 4 27·1					
*	*	*	*	*	*	*	*

Volume E, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

3342	- OTOK BRAČ. Rt Ražanj	43 19·2 Fl W 5s 16 24·9	17	13 6-sided stone tower and dwelling 14	<i>fl 1. Vis 340°-175°(195°). Reserve light 8M</i>
---	...	Siren 42s	...	...	<i>bl 4, si 4, bl 4, si 30</i>
				*	
3620	Rt Oštra (Oštri Rt)	42 23·6 LFl(2)W 10s 18 32·2	73	12 Red tower on house 2	<i>fl 2, ec 2, fl 2, ec 4</i>
				*	
3734	- Kep i Palermos	40 02·8 Fl W 8s 19 47·5	113	8 White tower 10	<i>fl 0·5</i>
		*	*	*	*
3742·5	- SE side	39 50·8 Fl W 9s 20 01·4	17	6	
					*
4899	- Döküntü Üzerinde (Kilkaya)	40 58·4 Q(3)W 10s 27 57·9	6	8 ⬠ on black beacon, yellow band 5	<i>(fl 0·3, ec 0·7) x 2, fl 0·3, ec 7·7</i>
	*				
6168·2	Abu Qîr. Breakwater	31 19·9 Oc W 3s 30 05·1	17	5 ...	<i>ec 1</i>
*	*	*	*	*	*
6168·3	- Lts in line 196°. Front	31 18·6 2 FRG(vert) 30 04·9	...	... White △ on white metal tower 15	
*	*	*	*	*	*
6168·31	-- Rear	31 18·5 2 FRG(vert) 30 04·9	...	... White ▽ on white metal tower 18	
*	*	*	*	*	*
6552	- S Jetty. Head	36 49·4 FR 5 46·8	7	3 Red column	TE 2003
					*
7751	- West Akhen	31 54·9 Mo(U) W 15s 31 54·1	14	2 Platform	1 on each corner. Racon
--	...	Horn Mo(U) 30s *	...	2 *	*
7760	- Abu Qîr Bay	31 27·4 Mo(U)W 15s 30 05·9	...	5 Platform	Other installations, some marked by lights and fog signals, exist in this bay
--	...	Horn Mo(U) 30s			
*	*	*	*	*	*

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Volume F, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

0515	- Gull Islet (Kansa Rock)	18 50-0 Fl W 5s 72 53-8	26	7 Aluminium framework tower 20	<i>fl 0-5</i>
	*				*
0516	- Sunk Rock	18 53-4 Fl(2)WR 6s 72 50-0	20	W 13 Red and yellow chequered R 7 round tower 28	<i>fl 0-3, ec 1-4, fl 0-3, ec 4.</i> W186°-209°(23°), R209°-015°(166°), W015°-031°(16°), R031°-069°(38°)
					*
0546	- Tucker Beacon	18 56-0 Oc WR 5s 72 52-5	21	13 White framework tower on red masonry beacon, white and black bands	<i>ec 2.</i> W007-5°-036-5°(29°), R036-5°-007-5°(331°)
					*
0628	Saint George's Islands. Grandi Island	15 21-1 Fl(4)WR 20s 73 45-8	93	W 9 White round concrete tower, R 6 black stripes 16	<i>(fl 0-5, ec 1-5) x 3, fl 0-5, ec 13-5.</i> R185°-225°(40°), W225°-185°(320°)
					*
4158	- Pu Do (Pudo)	37 08-8 Fl W 15s 126 21-0	42	27 White round stone tower 16	Storm Signals. Racon. For lights northward <i>see</i> F4163
	--	... Horn 40s	...	...	<i>bl 5</i>
			*	*	*
4298-65	-	34 30-8 Fl R 5s 127 15-1	9	5 Red metal post 7	
*	*	*	*	*	*
4298-66	-	34 31-0 Fl Y 4s 127 15-1	9	7 Yellow metal post 7	
*	*	*	*	*	*
4308-96	<i>Remove from List</i>				
5578-5	Asebino Hana	33 44-1 Fl W 5s 134 33-9	165	19 White tower 12	Vis 210°-091°(241°)
		*	*	*	
5934	<i>Remove from List</i>				
5934-2	<i>Remove from List</i>				
5980-85	-	33 42-5 Fl G 4s 135 22-2	6	3 Green □ on green beacon	
*	*	*	*	*	*
6343	- Jōga Shima. W end	35 08-1 Fl W 15s 139 36-6	29	16 White round concrete tower 12	Vis 297°-254°(317°)
				*	
6354	Ken Saki	35 08-5 AlFl(2+1)WG 30s 139 40-6	40	W 18 White 8-sided concrete G 18 tower 17	Vis 207°-075°(228°). Ramark
		*	*	*	
6433	- Chiba	35 34-1 Fl(2)W 30s 140 02-7	27	16 White round metal tower on white square building, on piles 18	<i>2 fl in 10s</i>
				*	

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Volume F *continued.*

6434-2	- Goi. Breakwater. Head	35 33-2 140 04-0	Fl(2)R 7s	9	7	Red round concrete tower 9	
					*		
6438	- Airfield	35 23-7 139 55-0	Aero AlFl(2+1)WG				
			*				
6589-2	<i>Remove from List</i>						
6589-25	- Breakwater. SE Head	39 15-5 141 55-9	Fl(2)R 6s	15	8		2
			*	*	*		
6886-25	- Breakwater	44 20-6 143 23-7	Fl G 4s	9	3		
*	*	*	*	*	*	*	*
7611	Bukhta Rudnaya. Breakwater. Head	44 22-1 135 51-0	LFl R 5-5s	18	4	White round metal tower, red bands, on platform 8	fl 2-5. Ra refl
				*		*	*

Volume G, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

1260-1	AM-1	52 31-9 68 23-2	Mo(U)W 20s	25	10	Platform	1 on each corner
		... Horn Mo(U) 30s					
*	*	*	*	*	*	*	*
1260-11	AM-2	52 33-0 68 18-7	Mo(U)W 20s	25	10	Platform	1 on each corner
		... Horn Mo(U) 30s					
*	*	*	*	*	*	*	*
1260-12	AM-3	52 31-4 68 16-8	Mo(U)W 20s	25	10	Platform	1 on each corner
		... Horn Mo(U) 30s					
*	*	*	*	*	*	*	*
1260-13	AM-5	52 34-2 68 15-3	Mo(U)W 20s	25	10	Platform	1 on each corner
		... Horn Mo(U) 30s					
*	*	*	*	*	*	*	*
1260-14	AM-6	52 36-4 68 07-5	Mo(U)W 20s	25	10	Platform	1 on each corner
		... Horn Mo(U) 30s					
*	*	*	*	*	*	*	*
1260-7	Hidra Norte	52 49-2 68 13-0	Mo(U)W 15s	25	8	Platform	1 on each corner
		... Horn Mo(U) 30s					
*	*	*	*	*	*	*	*

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Volume G *continued.*

1260-75	Hidra Centro	52 50-3 Mo(U)W 15s 68 10-5	30	8 Platform	1 on each corner
		... Horn Mo(U) 30s			
*	*	*	*	*	*
1278	- Martíns Lopez	54 47-8 Fl W 5s 65 16-1	10	8 Red metal pyramidal tower, white bands	<i>fl 0-5</i>
		*		7	
1737-45	- No 2	39 52-4 Fl R 5s 73 22-3	4	2 Red $\triangle$ on red beacon	<i>fl 0-5</i>
				5	
*	*	*	*	*	*
1737-55	- No 4	39 52-2 Fl G 10s 73 22-0	3	2 Green $\square$ on metal pile	<i>fl 1</i>
				4	
*	*	*	*	*	*
1739	- No 7	39 51-9 Fl G 10s 73 21-2	3	2 Green $\square$ on metal pile	<i>fl 1</i>
				4	
*	*	*	*	*	*
1740-101	- No 11	39 51-4 Fl R 10s 73 19-4	3	2 Red $\triangle$ on metal pile	<i>fl 1</i>
				3	
*	*	*	*	*	*
1740-201	- No 12	39 51-3 Fl(2)G 6s 73 19-7	5	2 Green $\square$ on metal pile	<i>fl 0-5, ec 1, fl 0-5, ec 4</i>
				5	
*	*	*	*	*	*
1740-801	- No 16	39 51-3 Fl G 5s 73 18-2	5	2 Green $\square$ on metal pile	<i>fl 0-5</i>
				5	
*	*	*	*	*	*
1741-05	- No 21	39 51-3 Fl(2)G 6s 73 16-9	5	2 Green $\square$ on metal pile	<i>fl 0-5, ec 1, fl 0-5, ec 4</i>
				5	
*	*	*	*	*	*
1741-15	- No 16	39 51-8 Fl R 3s 73 17-2	4	2 Red $\triangle$ on metal pile	<i>fl 0-5</i>
				4	
*	*	*	*	*	*
1741-25	- No 19	39 51-3 Fl R 10s 73 16-6	5	2 Red $\triangle$ on metal pile	<i>fl 1</i>
				5	
*	*	*	*	*	*
3142	Isla Malpelo	4 00-3 Fl W 15s 81 36-5	258	20 White tower, red bands	<i>fl 1. Structure difficult to distinguish by day. TE 2003</i>
				13	
					*
3424	-	14 42-3 Fl W 5s 92 24-6	22	15 White round concrete tower, red bands, and dwellings	
				23	
		*	*	*	

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Volume G *continued.*

3424-8	- Meulle de Pesca. Ldg Lts 099°. Front	14 42.2 Fl W 3s 92 23.7	10	9 Truncated metal tower 9	<i>fl 1</i>
			*	*	*
3424-9	-- No 1	14 44.3 Iso R 2s 92 25.1	4	3 Red GRP tower	
			*	*	
3424-95	-- No 3	14 44.3 Iso G 2s 92 25.1	4	3 Green GRP tower 3	
			*	*	*
3426	Santa Cruz	15 33.4 Fl(3)W 12s 93 18.5	18	10 Red truncated tower, yellow bands, concrete base 18	<i>(fl 1, ec 2) x 2, fl 1, ec 5</i>
				*	*
3428-5	Paredón	16 02.7 Fl(3)W 12s 93 52.5	11	8 Round concrete tower 8	<i>(fl 1, ec 2) x 2, fl 1, ec 5</i>
		*	*	*	*
3513-2	Rio San Lorenzo. El Dorado	24 16.0 Fl(4)W 16s 107 27.0	18	10 White truncated pyramidal metal tower 16	<i>(fl 1, ec 2) x 3, fl 1, ec 6</i>
		*		*	
4417-11	--- No 9	41 44.7 Fl G 2.5s 124 11.2	5	3 Pile	
*	*	*	*	*	*
4417-12	--- No 10	41 44.7 Fl R 2.5s 124 11.2	5	3 Pile	
*	*	*	*	*	*
4417-13	--- No 11	41 44.7 Fl G 4s 124 11.1	5	3 Pile	
*	*	*	*	*	*
4834-4	<i>Remove from List</i>				
5148	- BLAINE. Entrance. No 4	48 59.5 Fl R 6s 122 47.1	5	6 Red △ on pile structure	Vis 024°-294°(270°)
	*	*	*	*	*
5748-7	- Hecate Strait. <i>ODAS 46183</i>	53 36.9 Fl(5)Y 131 06.1	...	... Yellow superbuoy	
*	*	*	*	*	*
5825	- Dellwood Knolls. <i>ODAS 46207</i>	50 53.3 Fl(5)Y 129 55.1	...	... Yellow superbuoy	
*	*	*	*	*	*

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Volume H, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

0063-2 *Remove from List*

0063-6 *Remove from List*

0071-24	Postville	54 54-4 59 46-1	Fl R 4s	5	4... Mast	2	Seasonal
*	*	*	*	*	*	*	*
0071-4	Makkovik	55 05-1 59 10-3	Fl R 4s	5	4... Mast	2	Seasonal
*	*	*	*	*	*	*	*

Volume J, 2002/03. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

1325-4	Frankford Channel. Lower. Dir Lt	40 00-3 75 03-4	Dir F G	9	14 Multi-pile structure	Orientated on bearing 241°, not on centre line of channel. Shown 24 hours	
	--	... Fl W 4s		5	5	*	*
1491-3	<i>Remove from List</i>						
2473-8	- B	33 53-6 78 00-8	Fl W 4s	...	4		
*	*	*	*	*	*	*	*
5044	-- Punta Manati. Southwards	20 00-2 75 07-9	Fl Y 3s	4	5 Yellow × on yellow beacon	Destroyed (T) 2002	
							*
5084-8	- Cayo Blanco de Zaza. S point	21 35-9 79 35-9	Fl W 12s 580	15	8 White framework tower 12		*
5103	Playa Girón	22 03-9 81 02-4	Fl W 15s	20	10 Pedestal on white water tank 18		*
				*	*		*
5123	Punta Gorda	22 23-6 82 09-5	Fl R 4s	4	3 Red △ on red concrete tower on piles with platform	Destroyed (T) 2002	
							*
5128-1	<i>Remove from List</i>						
5128-2	- No 2	21 36-2 81 34-9	Fl R 4s	4	3 Red △ on red GRP tower on metal column		*
5128-3	- No 3	21 36-4 81 35-1	Fl G 7s	4	3 Green □ on green GRP tower on metal column		*
5128-4	- No 6	21 36-5 81 35-1	Fl R 6s	4	3 Red △ on red GRP tower on metal column		*

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Volume J *continued.*

5128-5	- No 7	21 36-7 Fl G 3s 81 35-1	4	3 Green □ on green GRP tower on metal column	
					*
5128-6	- No 10	21 36-8 Fl R 4s 81 34-9	4	3 Red △ on red GRP tower on metal column	
					*
5128-7	- No 11	21 36-9 Fl G 5s 81 34-8	4	3 Green □ on green GRP tower on metal column	
					*
5128-8	- No 14	21 37-1 Fl R 6s 81 34-6	4	3 Red △ on red GRP tower on metal column	
					*
5128-9	- No 15	21 37-2 Fl G 3s 81 34-5	4	3 Green □ on green GRP tower on metal column	
					*
5144-5	- No 5	21 41-1 Fl G 3s 83 09-7	4	3 Green □ on green metal tower on pile with platform	Destroyed (T) 2002
					*
5145-2	-- No 2	21 37-0 Fl R 6s 82 59-1	5	3 Red △ on red metal tower on pile with platform	Destroyed (T) 2002
					*
5157	Cayo Hambre. SW side	22 10-4 Fl G 5s 82 51-6	4	3 Green □ on green tower on pile with platform	Destroyed (T) 2002
					*
5158	Petatillos del Norte	22 28-0 Q W 82 39-8	6	6 △ on yellow tower, black top on piles with platform	Destroyed (T) 2002
					*
5193-5	-	22 00-7 Fl W 8s 82 42-8	15	14 Red and white GRP round tower 13	Destroyed (T) 2002
					*
5197	- No 29	21 56-0 Fl G 3s 82 37-3	4	3 Green □ on green metal tower on pile with platform	Destroyed (T) 2002
					*
5200	- SE side. Del Inglés	21 57-2 Fl G 5s 82 36-5	4	3 Green □ on green tower on piles with platform	Destroyed (T) 2002
					*
5203	- Bahía La Coloma. Santo Domingo	22 09-5 LFl W 10s 83 36-5	6	4 Red ○ on red metal tower, white bands on pile with platform	Destroyed (T) 2002
					*

V

Volume J *continued.*

5658	- BAIE DU MARIGOT. Jetty. Root (F)	18 04-1 Fl WRG 4s 63 05-7	20	W 10 White tower, red top R 7 10 G 7	R104°-126°(22°), W126°-132°(6°), G132°-185°(53°)
					*
6399	Klein Curaçao	11 59-4 Fl(2)W 15s 68 38-6	25	15	
*	*	*	*	*	*

Volume K, 2003/04. Weekly Edition No. 10, Dated 6th March, 2003.

Last Amendment: Weekly Edition No. 9, dated 27th February, 2003.

2114	South Page (COM)	35 46-7 Fl(2)W 10s 138 17-5	23	10 White GRP hut 2	<i>fl 1, ec 2, fl 1, ec 6.</i> Fl W 10s, fl 0-1, 27m 19M (P) January-February 2003
-		... Iso R 2s	26	10 Same structure	Vis 105°-120°(15°) over Yatala Shoal *
3609-1	- Schouten Reef (Black Reef)	42 17-6 Fl(2)W 4s 148 13-8	6	3 Black ♂ on black pile, red bands 5	<i>fl 0-2, ec 1, fl 0-2, ec 2-6</i> *
5000-257	---	15 49-6 VQ(9)W 10s 145 59-9	4	5 ♂ on yellow beacon, black band 4	TE 2003 *

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AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 10 dated 6 March 2003

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

Published Wk 26/02

(Last amendments: Weekly Edition No. 9 dated 27 February 2003)

COAST RADIO STATIONS

Page 271, **VIETNAM, Ben Thuy**, before **Digital Selective Calling (DSC)** section insert:

TELEPHONE	+84 (0)38 951577
FAX	+84 (0)38 951577

10/03

Cần Tho, after TELEPHONE insert:

FAX	+84 (0)71 841240
-----	------------------

10/03

Cua Ong, after TELEPHONE insert:

FAX	+84 (0)33 865513
-----	------------------

VISHIPEL (HH080/018/10 - E10) 10/03

Page 272, **Da Nẵng (XVT)**, delete TELEPHONE and FAX and replace by:

TELEPHONE	+84 (0)511 655960, 650177 & 823364
FAX	+84 (0)511 650177

10/03

Hai Phong (XVG)[1997], after FAX insert:

TELEX	+805 311282
E-MAIL	hpradio@hn.vnn.vn

VISHIPEL (HH080/018/10 - E10) 10/03

Page 274, **Ho Chi Minh (XVS)[1994]**, delete TELEPHONE and TELEX and replace by:

TELEPHONE	+84 (0)8 9402072 & 9404148
FAX	+84 (0)8 9404581
TELEX	+805 821659

VISHIPEL (HH080/018/10 - E10) 10/03

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Page 275, insert station:

Hon Gai (XVQ)			
			20°57'N 107°04'E
TELEPHONE	+84 (0)33 826268		
FAX	+84 (0)33 828600		
	Transmits	Receives	Hours of Watch
Digital Selective Calling (DSC) MMSI 005742006			
Distress and Safety			
Sea Area A1	Ch 70		H24
Sea Area A2	2187.5		
NOTE: For full details and location of antenna sites see ALRS Volume 5			
RT (HF)			
	6215		0000–1500
	8173		
	12353		
VHF			
	Ch 16 27		See below
HOURS OF WATCH: Ch 16: H24			
WT (HF)			
	8480	8 MHz (3 4)	0100–0130 0700–0730 0900–0930
TRAFFIC LISTS: 8480 kHz: 0100 0700 0900			

VISHIPEL (HH080/018/10 - E10) 10/03

Page 276, **Hue**, before **Digital Selective Calling (DSC)** section insert:

TELEPHONE	+84 (0)54 856801
FAX	+84 (0)54 856802

10/03

Mong Cai, before **Digital Selective Calling (DSC)** section insert:

TELEPHONE	+84 (0)33 886280
FAX	+84 (0)33 886280

10/03

Nha Trang (XVN), delete TELEPHONE and FAX and replace by:

TELEPHONE	+84 (0)58 590098 & 590099
FAX	+84 (0)58 590098

VISHIPEL (HH080/018/10 - E10) 10/03

Page 277, **Quang Ninh (XVQ)**, delete station

VISHIPEL (HH080/018/10 - E10) 10/03

Page 278, **Vung Tau**, delete FAX and replace by:

FAX	+84 (0)64 811596
-----	------------------

VISHIPEL (HH080/018/10 - E10) 10/03

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VOLUME 2, 2002/03

Published Wk 6/02

(Last Amendments: Weekly Edition No. 9 dated 27 February 2003)

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

RADAR BEACONS

Page 112, (Mediterranean Coast) EGYPT section, insert:

Akhen Gasfield, West Akhen Platform Racon 31°54'·92N 31°54'·02E 71585
M

Egyptian PLA Notice 1/2003 (HH405/190/04 E6) 10/03

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

Published Wk 22/02

(Last amendments: Weekly Edition No. 5 dated 30 January 2003)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 66, DENMARK, Danmarks Radio, delete Weather Bulletins and Navigational Warnings sections and replace by:

Weather Bulletins		Navigational Warnings	
B: Every H+00 with the news bulletin	Strong Wind Warnings for Areas 2–5 and Limfjorden when the wind speed is expected to reach Beaufort Force 6 (11–13 metres per second), and for the area S of Esbjerg from 1 May – 31 October only	A: 0445 0745 1045 1645 2145	Ice Reports broadcast when the ice situation so requires; ice and navigation conditions for Danish waters
A: 0445 0745 1045 1645 2145	Weather situation and outlook for Jylland, The Islands and Areas 1–19 5 day outlook for areas 2–9 and 13–15, 7 day outlook for Jylland, The Islands and Bornholm. Reports from meteorological observation stations Water current reports for area near Drogden Light broadcast at 1045 and 1645		

Danish Notice 201/03 (HH080/003/12 – E38) 10/03

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Page 67, **Lyngby**, delete **Weather Bulletins** and **Navigational Warnings** sections and replace by:

Weather Bulletins		Navigational Warnings	
A-Q: On receipt	Storm Warnings	A-Q: 0133 0533 0933 1333 1733 2133	Navigational warnings, Mine warnings
A: On receipt	Gale and storm warnings in Danish and English for all Areas	D, G-J, M-O: 0220 0520 0820 1120 1420 1720 2020 2320	SHIPPOS INFORMATION: in English and Danish, Broadcasts include positions of large vessels; actual water levels and serial numbers of navigational warnings in force for the SHIPPOS area. For full details of SHIPPOS see ALRS 1
B-Q: On receipt	Gale and storm warnings in Danish and English for the following Areas: Area 1 on Q Area 2 on O, Q Area 3 on K, N-Q Area 4 on H-P Area 5 on D, F-J, L, M, P Area 6 on C-G Area 8 on B, C, E, F Area 9 on B, C		
A-Q: On request	Gale warnings, forecast for all Areas in English	A: 1305 (with Traffic List Broadcast)	Ice Reports: In English and in Baltic Ice Code for Danish Waters
A-Q: On request	Gale warnings, forecast for all Areas in English	A-Q: On request	In English and in Baltic Ice Code for Danish Waters

Danish Notice 201/03 (HH080/003/12 - E38) 10/03

Page 71, diagram, **DENMARK, FORECAST AREAS**, delete and replace by diagram on page 6.6

Danish Notice 201/03 (HH080/003/12 - E38) 10/03

Page 85, **FØROYAR (Denmark), Tórshavn**, delete station and replace by:

Tórshavn				
A	1641	RT (MF)		
B	Ch 24	VHF	Fugloe	62°20'N 6°19'W
	Ch 25		Myggenaes	62°06'N 7°35'W
	Ch 23		Sudroe	61°26'N 6°47'W
	Ch 26		Tórshavn	62°01'N 6°50'W
DIAGRAM: page 71				

Weather Bulletins		Navigational Warnings	
A-B: On receipt	Storm and gale warnings for Areas 16-19 in English	A-B: On receipt	Navigational warnings in English
A-B: Every even H+35	Storm and gale warnings for Areas 16-19 in Færøese and English	A-B: Every even H+35	Navigational warnings in Færøese and English
A: On request	Forecasts for Areas 16-19		

Danish Notice 201/03 (HH080/003/12 - E38) 10/03

Útvarp Føroya (Radio Færøe)				
	531	AM	Akraberg	61°24'N 6°40'W
DIAGRAM: page 71				

Weather Bulletins		Navigational Warnings	
Mon-Fri: 0715 0730 0800 0900 1000 1215 1700 1830 2200 Sat: 0715 0730 0800 0900 1000 1215 1700 1830 2200 Sun: 1000 1400 1830	General situation and forecast for Areas 16-19 in Færøese		
NOTE Broadcast given 2 hours earlier when DST is in force (see ALRS 2 for dates)			

Danish Notice 201/03 (HH080/003/12 - E38) 10/03

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Page 86, delete diagram, **DENMARK, FORECAST AREAS**

Danish Notice 201/03 (HH080/003/12 - E38) 10/03

Page 168, **LATVIA**, insert station:

Rīga (Rescue Radio MRCC)				
	Ch 71	VHF		
NOTE After prior announcement on VHF Ch 16 and 70 (DSC)				
Weather Bulletins		Navigational Warnings		
On receipt at H+03 and H+33	Gale Warnings in Latvian and English	On receipt 0703 1503 LT On request	Navigational Warnings in Latvian and English	
0703 1503 LT (after Navigational Warnings) On request	Gale Warnings and weather forecasts in Latvian and English			

Latvian Notice to Mariners 5/03 (HH080/004/09 - E34) 10/03

Page 222, **SOUTH AFRICA**, insert station:

Cape Naval (ZSJ)				
	4014	RADIO-TELEX		1600-0600
	7508			H24
	13538			
	18238			
DIAGRAM: page 224				
Weather Bulletins		Navigational Warnings		
0930 1700	12 hour weather bulletins for Coastal Waters and High Seas			
NOTE: The AFMET ZSJ Radio Weather Facsimile Service is interrupted twice daily for the above Radio-Telex broadcast. For Radio-facsimile see Cape Naval (NAVCOMCEN Cape)				

NAVCOMCEN Cape (HH080/013/08 - E36) 10/03

VOLUME 5, 2002/03

Published Wk 23-24/02

(Last Amendments: Weekly Edition No 9 dated 27 February 2003)

Page 168, **Chapter 11: HF DSC, LIST OF COAST STATIONS FOR SEA AREAS A3 AND A4, Iceland**
column (1), delete Reykjavik Radio and replace by: Icelandic Coast Guard

(former amendment 8/03)

Icelandic Coast Guard (HH080/051/16 - E17) 10/03

Page 172, diagram **Figure 14**

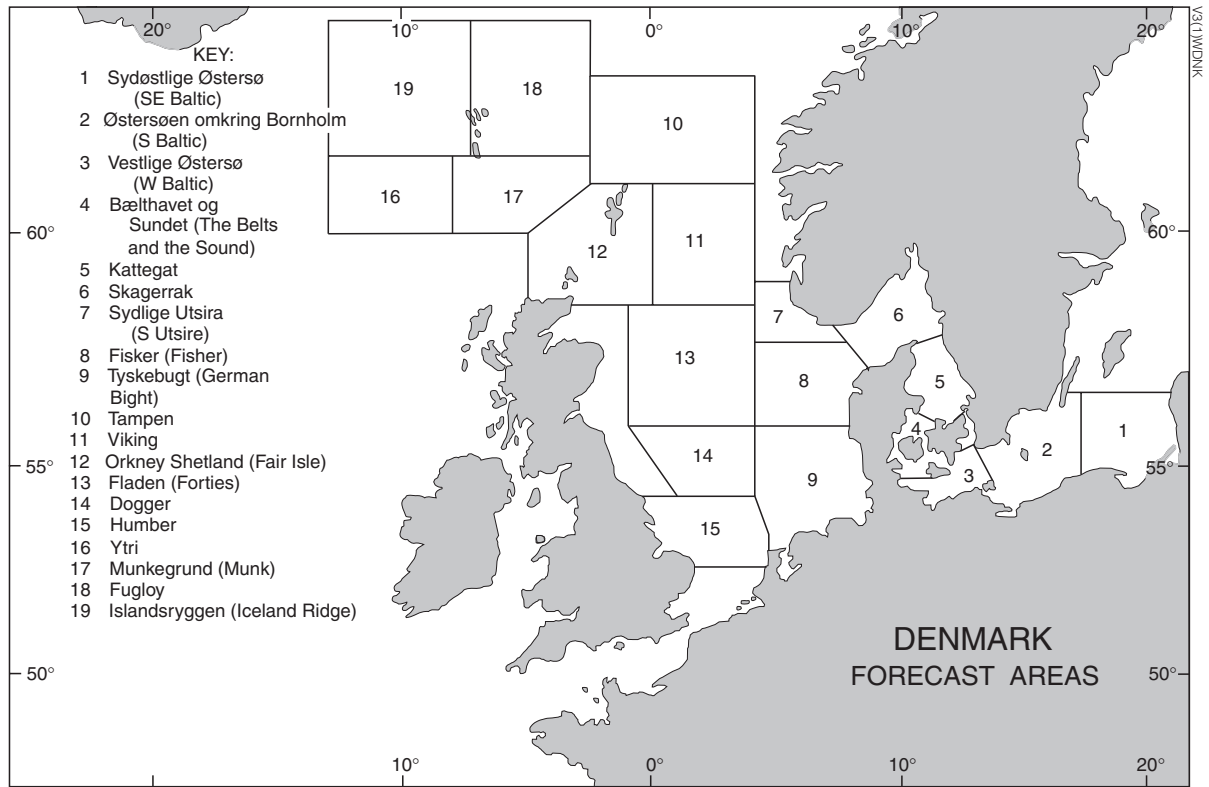
Position, 64°09'N, 21°56'W, • Reykjavik 007600133 delete and replace by:

- Icelandic Coast Guard 002516200

(former amendment 8/03)

Icelandic Coast Guard (HH080/051/16 - E17) 10/03

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Page 343, **Chapter 17: DISTRESS, SEARCH AND RESCUE, VIETNAM**, delete section and replace by:

VIETNAM

See diagram R14

National SAR Agency: Vietnam National Maritime Bureau Address: 8, Pham Hung, Cau Giay Dist, Hanoi, Vietnam Tel: 4 7683051 Fax: 4 7683048			
The Vietnam National Maritime Bureau (VINAMARINE) is responsible for co-ordinating Search and Rescue operations via Vietnam MRCC at the headquarters of VINAMARINE in Hanoi, supplemented by three MRSCs. A network of Coast Radio Stations maintains a continuous listening watch on international distress frequencies.			
	Telephone +84	Fax +84	Others
VIETNAM MRCC (VMRCC)	4 7683049 4 7683050 4 7683051	4 7683048	E-mail vmrcc@fpt.vn
MRSC DA NANG	511 823172	511 820372	
MRSC HAI PHONG	31 842682	31 842634	
MRSC VUNG TAU	64 856112 64 856084	64 856085	
CAN THO (XVU)	71 841240	71 841240	
DA NANG (XVT)	511 655960 511 650177 511 823364	511 650177	
HAI PHONG (XVG)	31 842066	31 842979	Telex +805 311282 E-mail hpradio@hn.vnn.vn
HON GAI (XVQ)	33 826268	33 828600	
MONG CAI (XVM)	33 886280	33 886280	
CUA ONG (XVC)	33 865513	33 865513	
BEN THUY (XVB)	38 951577	38 951577	
HUE (XVD)	54 856801	54 856802	
HO CHI MINH VILLE (XVS)	8 9402072 8 9404148	8 9404581	Telex +805 821659
NHA TRANG (XVN)	58 590099 58 590098	58 590098	
VUNG TAU (XVR)	64 852890	64 811596	

VISHIPEL (HH080/083/05 - E35) 10/03

VOLUME 6, PART 2, NP 286(2), 2002/03

Published Wk 36/02

(Last Amendments: Weekly Edition No. 9 dated 27 February 2003)

Page 187, **NORWAY, TROMSØ**

Pilots and Port, PROCEDURE, section (2), delete (a) 69°36'·5N to Lt) and replace by:

(a) 69°31'·65N 18°02'·0E

Norwegian Notice 01/49/2003 (HH309/420/04 - E13) 10/03

VOLUME 6, PART 3, NP 286(3), 2002/03

Published Wk 36/02

(Last Amendments: Weekly Edition No. 9 dated 27 February 2003)

Page 129, **IVORY COAST (CÔTE D'IVOIRE)**

After **Philips Base** entry, insert new entry as follows:

ESPOIR TERMINAL

5°02'N 4°27'W

Pilots and Terminal

TELEPHONE: CNR Offshore Representative (UK): +44(0)1483 401323 & 401328

FAX: CNR Offshore Representative (UK): +44(0)1483 401404

Continued on next page

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E-MAIL: offshorerep.ei@cnrinternational.com

FREQUENCY: Pilots: Ch 14

FPSO Control Room: Ch 16 69

HOURS: HX

PROCEDURE:

(1) Pilotage is compulsory.

(2) Vessels should send initial ETA to the CNR Offshore Representative on departure from previous port (or immediately on departure if port is less than 72h from the Terminal), and send updated ETA 72h, 48h and 24h prior to arrival.

(3) The first message should contain the following information:

- Vessel's name, callsign and Inmarsat numbers
- Cargo requirements
- Maximum loading rate
- Arrival draught fore and aft
- Last port of call
- Confirmation of clean Bill of Health
- Any sickness onboard
- Distance (in metres) from the bow to the loading manifold
- LOA
- A statement to the effect that vessel can perform 'closed loading'
- Confirmation that vessel is equipped with a bow stopper able to receive 76mm chain
- Local Agent's name and details

(4) The CNR Offshore Representative must be advised should the vessel's ETA change:

- by 6h or more following the 72h and 48h notice
- by 1h or more following the 24h notice

(5) Berthing is available 0600-1500 LT. Vessels arriving after 1500 LT will be berthed the following day. Unberthing is available H24.

(6) Pilot will advise boarding position after VHF contact has been established with the Terminal.

Keith Payne, CNR Representative, Espoir Ivoirien (HH080/012/03 - E42) 10/03

VOLUME 6, PART 4, NP 286(4), 2002/03

Published Wk 36/02

(Last Amendments: Weekly Edition No. 9 dated 27 February 2003)

Page 243, **PHILIPPINES**

After **SURIGAO, Mindanao** entry, insert new entry as follows:

TACLOBAN, Leyte

11°15'N 125°00'E

Pilots

TELEPHONE: +63(0)321 2219

PROCEDURE:

(1) Pilotage is compulsory.

(2) Vessels are required to advise ETA 24h in advance.

(3) Pilot boards in the following positions:

- N Approach: 11°27'5N 124°52'5E (2 n miles NW of Canauay Island).
- S Approach: 11°06'0N 125°09'5E (1.5 n miles N of Mariquitdaquit I. Lt).

NOTE: Pilotage is provided by Tacloban Harbor Pilot's Association (THPA).

Port

TELEPHONE: +63(0)321 3373, 3374 & 6704

FAX: +63(0)325 7248

E-MAIL: ppatac@mozcom.com

FREQUENCY: Ch 16

PROCEDURE: Vessels should advise ETA 36h prior to arrival.

Fernando B. Claveria, Tacloban Port Manager (HH080/018/10 - E11) 10/03

VOLUME 6, PART 5, NP 286(5), 2002/03

Published Wk 36/02

(Last Amendments: Weekly Edition No. 9 dated 27 February 2003)

Page 162, **PERU,**

After **ETEN, PUERTO DE** entry, insert new entry as follows:

GENERAL SAN MARTIN, (Pisco), PUERTO

13°48'S 76°17'W

Pilots

HOURS: H24

PROCEDURE:

(1) Pilotage is compulsory.

(2) Vessels should send ETA 24h in advance to the Port Captain and the Agents.

(3) Pilot boards in position 13°47'10N 76°16'30W.

T Heiremans, ms Amsterdam (HH080/026/07 - E3) 10/03

Page 224, **UNITED STATES (Atlantic Coast), PORT ROYAL**

Delete **Pilots and Port and Terminal** sections and replace by:

Pilots

TELEPHONE: +1 843 5970017

FAX: +1 843 5240648

PROCEDURE:

(1) Pilotage is compulsory.

(2) Pilot boards in the vicinity of the Fairway Lt buoy (32°05'2N 80°35'0W).

NOTE: Pilotage is provided by the Port Royal Branch Pilot's Association.

Port

TELEPHONE: +1 843 5249311

FAX: +1 843 5245397

HOURS: H24

A.J. Pesavento, Port Royal Terminal Manager (HH080/025/06 - E5 & E5A) 10/03

Page 282, **VIRGIN ISLANDS (USA), CHRISTIANSTED (S. Croix)**

Delete **Pilots and Port** entry and replace by:

Pilots and Port

TELEPHONE: Port Auth: +1 340 7783131

Port: +1 340 7730867

FAX: Port Auth: +1 340 7781176

WEBSITE: www.viport.com

FREQUENCY: Ch 16; 12

HOURS: H24

PROCEDURE:

(1) Pilotage is compulsory.

(2) Vessel should confirm ETA 24h in advance.

(3) Pilot boards 2 n miles N of No 1 Entrance Channel Lt buoy (17°45'79N 64°41'77W).

10/03

Continued on next page

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FREDERIKSTED (S. Croix), delete **Pilots and Port** and replace by:

Pilots and Port

TELEPHONE: Port Auth: +1 340 7783131

Port: +1 340 7720174

FAX: Port Auth: +1 340 7781176

WEBSITE: www.viport.com

FREQUENCY: Ch 16; 12

HOURS: H24

PROCEDURE:

(1) Pilotage is compulsory.

(2) Vessel should confirm ETA 24h in advance.

(3) Pilot boards 2 n miles W of the pier (17°42'·82N 64°53'·32W).

Carlo Calanni, Virgin Islands Port Authority (HH080/025/06 - E1) 10/03

VOLUME 8, 2002/03

Published Wk 11/02

(Last Amendments: Weekly Edition No. 8 dated 20 February 2003)

NP 282 and NP 288 are to be combined into one volume. A New Edition of Volume 2, NP 282, is in the press and will be published shortly. On publication of NP 282, Volume 8, NP 288 will be withdrawn.

DIFFERENTIAL GPS (DGPS)

Page 55, **BEACONS TRANSMITTING DGPS CORRECTIONS, UNITED STATES (Atlantic Coast)**, before Alexandria, insert station:

Acushnet	41°44'·57N 70°53'·19W	306	200	198 199	772	240		Operational	
----------	--------------------------	-----	-----	---------	-----	-----	--	-------------	--

Delete entry for Chatham

NAVCEN (HH080/060/13 - E12) 10/03

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.

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Date:

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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