



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 29

19 July 2001

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

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

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

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

Access Details:

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

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

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

www.ukho.gov.uk

- This will take you to the UKHO Home Page.
- From the UKHO Home page, click on the **Notices to Mariners** button, which will open the NM Home Page.
- *From the NM Home Page, click on the legend **Notices to Mariners**, which will open the Catalogue of Weekly NMs dating from the latest issue back to Week 1/2000.
- Click on the week you wish to view, and a series of digital NM files will be displayed.
- Open the NM file of your choice and read/print the information as required

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

www.nms.ukho.gov.uk

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

Details of File Content.

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49–RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

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

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

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

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

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

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

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

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

Help-Line

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

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

Fax: +44 (0) 1823 331945

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

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I

EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

I

EXPLANATORY NOTES

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

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

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

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II

[29/01]

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 19 July 2001

Chart	Title, limits and other remarks	Scale	Folio	Catalogue page	RRP(UK)*
©2170 INT 3198	International Chart Series, France - South Coast, Rade de Toulon. 43°03'·65N. — 43°07'·70N., 5°52'·60E. — 6°00'·70E. <i>A modified reproduction of INT 3198 originally published by France (Replaces plan © Rade de Toulon on Chart 149 at a larger scale).</i> <i>Note:</i> On publication of this New Chart Former Notice 4825(P)/00 is cancelled.	1:10,000	25	40	£16·00

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 19 July 2001

Chart	Title and other remarks	Scale	Folio	Catalogue page	RRP(UK)*
1813	Japan, Ports on the South and East Coasts of Hokkaidō. (A) Tomakomai. (B) Nemuro. (C) Hanasaki. (D) Tomakomai Higashi Kō. (E) Muroran. <i>Includes the latest port developments at Muroran, Tomakomai and Hanasaki.</i> <i>Note:</i> On publication of this New Edition Former Notice 4040(P)/00 is cancelled.	1:20,000 1:12,500 1:10,000 1:25,000 1:25,000	55	80	£16·00

*RRP(UK) means UK recommended retail price.

© denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 19 July 2001

Chart	Title and other remarks	Scale	Folio	Catalogue page	RRP(UK)*
©1960	Ports and Anchorages on the West Coast of Central America.		89	118	£16·00
	El Salvador, Honduras and Nicaragua, Golfo de Fonseca.	1:144,600			
	El Salvador, Puerto de la Unión (Muelle de Cutuco) and Proyecto Punta Gorda.	1:10,000			
	Honduras, Puerto de Henecán (San Lorenzo).	1:19,950			
	Honduras, Amapala Harbour.	1:25,000			
	Nicaragua, Puerto Sandino.	1:49,800			
	Nicaragua, Puerto San Juan del Sur.	1:24,850			
	Costa Rica, Bahía Uvita.	1:35,800			
	Costa Rica, Bahía Santa Elena.	1:25,000			
	Costa Rica, Bahía Carrillo.	1:24,900			
<i>This partial new edition is limited to include changes to buoyage in the approaches to Puerto de Henecán and depths within Golfo de Fonseca. The titles of certain plans have been changed as follows:</i> Plan; Puerto de San Lorenzo amended to, Puerto de Henecán (San Lorenzo). Plan; Bahía Pedra Blanca amended to, Bahía Carrillo, Plan; Port Parker amended to, Bahía Santa Elena.					
©2834	Spain - Islas Baleares, Ibiza and Formentera.	1:120,000	25	38	£16·00
	Channels between Ibiza and Formentera.	1:50,000			
	Ibiza, San Antonio Abad.	1:20,000			
	Ibiza.	1:10,000			
<i>This partial new edition is limited to include newly established marine reserves and artificial reefs.</i>					

*RRP(UK) means UK recommended retail price.

© denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 16 AUGUST 2001

New Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
2410	China - Dong Hai, Min Jiang. Ⓐ Jinpai Men to Mawei. 26°02'·17N. — 26°09'·50N., 119°29'·70E. — 119°36'·90E. Ⓑ Continuation of Panel Ⓐ. 25°56'·90N. — 26°04'·23N., 119°24'·26E. — 119°31'·47E. Ⓒ Luoxingta Anchorage. 25°58'·75N. — 25°59'·47N., 119°26'·33E. — 119°27'·30E. <i>A replacement of plan: Jinpai Men to Mawei on Chart 2400, providing larger scale coverage of the Min Jiang, including a plan of Luoxingta Anchorage.</i>	1:20,000 1:20,000 1:5,000	Plan on Chart 2400
4774	Canada, Québec/Quebec, Fleuve Saint - Laurent/St. Lawrence River. Havre - Saint - Pierre et/and Cap des Rosiers à/to Pointe des Monts. 48°50'·00N. — 50°40'·00N., 63°04'·95W. — 67°26'·96W. <i>A metric replacement of Chart 1623. (This new chart is a modified reproduction of Canadian Chart 4026, originally published by the Canadian Hydrographic Service).</i>	1:300,000	1623
4777	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Pointe des Monts aux/to Escoumins. 48°12'·00N. — 49°33'·00N., 66°28'·47W. — 69°28'·47W. Baie Verte. 48°43'·50N. — 48°45'·00N., 69°00'·97W. — 69°04'·47W. Godbout. 49°19'·15N. — 49°19'·52N., 67°35'·22W. — 67°35'·97W. Rimouski Pointe - au - Père. 46°27'·67N. — 48°31'·50N., 68°27'·47W. — 68°31'·97W. Matane. 48°49'·45N. — 48°52'·30N., 67°31'·13W. — 67°35'·80W. <i>A replacement of chart 307; providing improved coverage of Godbout, Baie Verte, Matane and Rimouski. (This chart is a modified reproduction of Canadian Chart 1236, originally published by the Canadian Hydrographic Service).</i>	1:200,000 1:20,000 1:5,000 1:20,000 1:20,000	307

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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 16 AUGUST 2001

New Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
4778	Canada, Québec, Fleuve Saint-Laurent/St. Lawrence River, Mouillages et Installations Portuaires/Anchorage and Harbour Installations, Haute Côte-Nord.		310
	Baie - Comeau. 49°10'·50N. — 49°18'·57N., 68°02'·97W. — 68°10'·34W.	1:20,000	
	Quai Public/Public Wharf. 49°13'·50N. — 49°14'·50N., 68°07'·07W. — 68°08'·77W.	1:10,000	
	Quais/Wharves, Cargill-Reynolds. 49°14'·50N. — 49°15'·50N., 68°07'·03W. — 68°08'·61W.	1:10,000	
	Port-Cartier. 49°59'·50N. — 50°03'·01N., 66°44'·77W. — 66°52'·69W.	1:15,000	
	Île aux Oeufs, Mouillages/Anchorage. 49°36'·10N. — 49°40'·40N., 67°06'·87W. — 67°16'·57W.	1:50,000	
	Baie des Homards, Mouillages/Anchorage. 49°46'·60N. — 49°50'·90N., 66°57'·07W. — 67°12'·79W.	1:50,000	
<i>A replacement of Chart 310; providing improved coverage of Baie-Comeau, Île aux Oeufs and Baie des Homards. (This chart is a modified reproduction of Canadian Chart 1226 originally published by the Canadian Hydrographic Service).</i>			

Reproductions of Australian Government Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
Aus 140	Australia - South Coast, Victoria, Approaches to Portland. 38°12' 00"S.— 38°37' 24"S., 141°21' 00"E.— 142°05' 37"E.	1:100,000	Aus 140
	Portland. 38°19' 05"S.— 38°22' 03"S., 141°36' 12"E.— 141°40' 41"E.	1:10,000	
<i>Provides improved coverage of the approaches to Portland. The chart is now referred to WGS 84 datum and LAT.</i>			
Aus 252	Australia - East Coast, Queensland, Whitsunday Group. 20°00' 38"S.— 20°48' 31"S., 148°39' 24"E.— 149°09' 05"E.	1:75,000	Aus 252
	Laguna Quays. 20°35' 48"S.— 20°36' 24"S., 148°40' 42"E.— 148°41' 38"E.	1:12,500	
<i>A new metric chart with revised limits; providing improved larger scale coverage of the Whitsunday Group; including a new plan of Laguna Quays. This chart is referred to WGS 84 datum and LAT.</i>			

II

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 16 AUGUST 2001

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
1438	Harbours on the East Coast of Scotland. (A) Approaches to Peterhead. (B) Peterhead Bay and Harbours. (C) Montrose Harbour. (D) Stonehaven Harbour. (E) Arbroath Harbour. <i>Includes new developments at Merchants Quay, Peterhead, recent Montrose Harbour Authority surveys and surveys at Arbroath. The horizontal datum of this new edition has been transferred to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:20,000 1:6,250 1:7,500 1:12,500 1:12,500	1438
1532	Aegean Sea - Greece, Harbours in the Southern Dodekánisos. (A) Nísos Tílos, Órmos Livádia. (B) Nísos Ródos, Ródos. (C) Nísos Sými, Sými. (D) Nísos Sými, Panormítis. (E) Nísos Ródos, Órmos Líndou. (F) Nísos Kápathos, Órmos Pigádia. (G) Nísos Kásos, Órmos Frý and Liménas Emporeió. <i>Includes amendments to depths and port developments in Plans (B) Ródos, (C) Sými, (F) Órmos Pigádia and (G) Órmos Frý and Liménas Emporeió. Plan (C) Sými has been graduated and referred to European Datum (1950).</i>	1:10,000 1:7,500 1:10,000 1:5,000 1:10,000 1:10,000 1:5,000	1532
1944	Mexico - West Coast, Ports on the West Coast of Mexico. (A) Acapulco and Approaches. (B) Puerto Lazaro Cardenas and Approaches. 17°52'·00N. — 17°57'·64N., 102°06'·00W. — 102°13'·25W. <i>Limits of the plan of Puerto Lazaro Cardenas have been revised to include new port developments with extensive changes to depths, lights, buoyage and port facilities. The chart is now referred to WGS 84 datum.</i>	1:25,000 1:20,000	1944
2450 INT 1703	International Chart Series, English Channel, Anvil Point to Beachy Head. 49°53'·92N. — 50°55'·37N., 1°59'·09W. — 0°21'·96E. <i>This partial new edition is limited to include revised chart limits to give improved coverage between "Off Casquets TSS" and "In the Strait of Dover TSS". Details of firing and practice area limits are also included.</i>	1:150,000	2450 INT 1703
3298 INT 1530	International Chart Series, Shetland Islands, Yell Sound. <i>This partial new edition is limited to include new submarine gas pipelines from Foinaven to Orka Voe and Orka Voe to Magnus.</i>	1:30,000	3298 INT 1530

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>
1813	Japan, Ports on the South and East Coasts of Hokkaidō.	1813
1960	Ports and Anchorages on the West Coast of Central America.	©1960
2834	Spain - Isles Baleares, Ibiza and Formentera.	©2834

Admiralty Publications

<i>NP No. to be WITHDRAWN</i>	<i>Title</i>	<i>Date of withdrawal</i>
NP 122(a)	Loxon Binder for Admiralty Tidal Handbooks.	19/07/01
NP 139	Echo-sounding Correction Tables, Edition 3 1980.	19/07/01
NP 303(4)	Sight Reduction Forms (H494).	19/07/01
NP 399	Sight Form for use with the HP41CV calculator - single sheet each comprising 2 forms.	19/07/01
NP 399a	Sight Form, form for use with the HP41CV calculator - book of 23 forms.	19/07/01
NP 400	Sight Form (H225), for use with NP 401 series single sheets - (2 forms per sheet).	19/07/01
NP 400a	Sight Form (H225) for use with NP 401 series - (book of 24 forms).	19/07/01
NP 411	Weather Satellite Picture Interpretation Volumes 1 and 2.	19/07/01
NP 720	Table for converting metres to feet and fathoms.	19/07/01

© denotes chart available in the ARCS series.

II

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

The following is the current list of Admiralty Charts of Great Britain that are referred to a WGS 84 compatible datum. Former Notice 4731(P)/00 refers. See accompanying diagram, "Transfer of Admiralty Charts to a WGS 84 compatible datum", at the end of Section II.

⊙18	⊙1166	⊙1607	⊙2000	⊙2449	⊙2878
⊙26	⊙1168	⊙1609	⊙2007	⊙2450	⊙3164
⊙28	⊙1176	⊙1610	⊙2010	⊙2451	⊙3271
⊙30	⊙1178	⊙1613	⊙2013	⊙2454	⊙3272
⊙31	⊙1182	⊙1626	⊙2021	⊙2482	⊙3273
⊙32	⊙1183	⊙1627	⊙2022	⊙2484	⊙3274
⊙34	⊙1185	⊙1634	⊙2035	⊙2565	⊙3275
⊙105	⊙1186	⊙1652	⊙2036	⊙2566	⊙3284
⊙106	⊙1200	⊙1698	⊙2037	⊙2571	⊙3294
⊙108	⊙1267	⊙1827	⊙2041	⊙2572	⊙3297
⊙147	⊙1320	⊙1828	⊙2044	⊙2610	⊙3298
⊙148	⊙1344	⊙1834	⊙2045	⊙2611	⊙3315
⊙154	⊙1346	⊙1835	⊙2052	⊙2615	⊙3319
⊙323	⊙1411	⊙1859	⊙2093	⊙2625	⊙3337
⊙442	⊙1446	⊙1892	⊙2094	⊙2628	⊙3418
⊙536	⊙1481	⊙1900	⊙2151	⊙2629	⊙3478
⊙777	⊙1491	⊙1901	⊙2154	⊙2631	⊙3490
⊙871	⊙1503	⊙1902	⊙2172	⊙2642	⊙3683
⊙883	⊙1504	⊙1951	⊙2175	⊙2656	⊙3741
⊙1121	⊙1536	⊙1967	⊙2253	⊙2693	⊙3746
⊙1148	⊙1543	⊙1991	⊙2255	⊙2695	⊙3750
⊙1149	⊙1552	⊙1975	⊙2268	⊙2696	
⊙1152	⊙1594	⊙1981	⊙2290	⊙2793	
⊙1160	⊙1606	⊙1994	⊙2345	⊙2841	

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

⊙ denotes chart available in the ARCS series.

II

2971 MISCELLANEOUS UPDATES TO CHARTS

Chart	Previous Notice to Mariners	Details
149	1048/01	Plan A: Amend reference in position 43° 41'·15N., 7° 16'·80E. to read, <i>See Plan ©</i> . Plan: Nice: Substitute reference © for reference © in position 43° 41'·88N., 7° 17'·70E. Delete plan ©, Rade de Toulon. Delete TOULON, in the main title outside N. border. Delete reference to Toulon, in the Tidal Levels box, outside N. border adjacent to legend, DEPTHS IN METRES.
1049	3819/99	Substitute legend, BAHÍA SANTA ELENA, for legend PORT PARKER, in position 10° 55'·0N., 85° 45'·0W.
2145	2853/01	Substitute legend, BAHÍA SANTA ELENA, for legend PORT PARKER, in position 10° 54'·0N., 85° 45'·0W. Substitute legend, BAHÍA CARRILLO, for legend BAHIA PIEDRA BLANCA, in position 9° 48'·0N., 85° 33'·0W.
2165	2025/01	Insert magenta limit and chart number, 2170, as follows: North: 43° 07'·70N. East: 6° 00'·70E. South: 43° 03'·65N. West: 5° 52'·60E. Delete magenta limit and chart number, 149, in position 43° 03'·8N., 5° 58'·5E.
3253	1926/01	Delete note, CHART 3634—POSITIONS, outside N. border adjacent to, SATELLITE—DERIVED POSITIONS note.
3254	671/01	Delete note, CHART 3634—POSITIONS, outside N. border adjacent to, SATELLITE—DERIVED POSITIONS note.
3264	2585/01	Substitute accompanying note, CHARTS 3221 and 3635: POSITIONS, for existing note, POSITIONS, in position 38° 44'·1N., 9° 12'·3W.
3276	2818/01	Plan: Approaches to Sines. Insert accompanying note, CHART 3636: POSITIONS, in position 37° 58'·8N., 8° 46'·6W.
3633	2817/01	Amend reference in S. border at longitude 9° 25'·0W. to read, <i>Adjoining Chart 3634</i> . Delete note, CHART 3634: POSITIONS, in position 42° 52'·2N., 8° 35'·5W.
3635	2203/01	Amend reference in N. border at longitude 9° 20'·0W. to read, <i>Adjoining Chart 3634</i> . Amend reference in S. border at longitude 9° 15'·0W. to read, <i>Adjoining Chart 3636</i> . Substitute accompanying note, CHART 3264: POSITIONS, for existing note, POSITIONS, in position 39° 05'·2N., 8° 59'·5W.
3636	2818/01	Amend reference in position 37° 49'·8N., 9° 09'·5W. to read, 3267 (<i>see Note—POSITIONS</i>). Substitute accompanying note, CHARTS 89 and 3276: POSITIONS, for existing note, POSITIONS, in position 36° 43'·8N., 9° 32'·1W.

UK Hydrographic Office.

2862* SCOTLAND, West Coast — Outer Hebrides — North Uist — Loch Maddy — Bàgh Aird nam Madadh and South Basin — Legend; Mooring buoy

Delete	legend, Moorings, centred on:	57° 35'·49N., 7° 07'·50W. 57° 35'·49N., 7° 09'·00W.
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Chart [*Last correction*].— **2825 (plan, Loch Maddy)** [2335/00]
SALMO (HH.272/740/04).

2863* IRELAND, South Coast — Port of Cork — Upper Harbour West — Marino Point Westwards — Depths

Insert	depth 3 ₅ m and extend 5m contour S. to enclose	51° 52'·759N., 8° 20'·283W.
	depth 7 ₇ m	(a) 51° 52'·688N., 8° 20'·081W.
Delete	depth 9 ₁ m	close W. of (a) above

Chart [*Last correction*].— **1773 (INT 1671) (plan, Upper Harbour West)** [2682/01]
Port of Cork Company (HH.284/440/06).

2864* ENGLAND, South Coast — Start Point Southsoutheastwards — Buoy

Delete	special spherical light—buoy, Fl(5)Y.20s	50° 08'·6N., 3° 35'·2W.
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Note: **Positions** on the chart affected by this notice are referred to a **WGS 84** compatible datum. See ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE REFERRED TO A WGS 84 COMPATIBLE DATUM (near the beginning of Section II) and NM 4731(P)/00.

Chart [*Last correction*].— **2454 (INT 1702)** [2689/01]
UK Hydrographic Office (HH.226/400/03).

II

2865 NORWAY, North Coast — Svalbard — Prins Karls Forland — Poolepynten — Light

Delete ★ Fl 78° 26'·3N., 11° 54'·0E.

Chart [*Last correction*].— **2751** [225/00]

Light List Vol. L, 2001/02, 4330.5

Norwegian Chart 524 (HH.312/400/02).

2866 NORWAY, West Coast — Frohavet — Hosnaøyen Northeastwards — Indreleia — Light

Insert ★ Q.R 64° 08'·88N., 10° 06'·13E.

Chart [*Last correction*].— **2307** [1004/01]

Light List Vol. L, 2001/02, 1673

Norwegian Charts 44 and 309 (HH.310/510/02).

2867 NORWAY, West Coast — Radøy — Radsundet — Salsneset — Light

Amend light to, Iso.2s 60° 37'·22N., 5° 11'·14E.

Chart [*Last correction*].— **3131** [1647/01]

Light List Vol. B, 2001/02, 3896

Norwegian Chart 119 (HH.310/445/05).

2868 ICELAND, South–West Coast — Hafnarfjörður and Straumsvík — Buoyage; Light

Insert port–hand pillar light–buoy, Q.R 64° 04'·44N., 21° 59'·35W.
starboard–hand conical light–buoy, Q.G 64° 04'·22N., 21° 59'·00W.
★ Fl.R.3s 64° 02'·81N., 22° 02'·57W.

Chart [*Last correction*].— **2734** (INT 1112) [792/01]

Light List Vol. L, 2001/02, 4495.4

Icelandic Chart 363 (HH.336/440/03).

2869 BALTIC SEA — Sweden, East Coast — Svenska Björn Southwestwards — Depth

Substitute depth 14m for depth 14₈ m 59° 27'·7N., 19° 52'·1E.

Chart [*Last correction*].— **2222** [2805/01] — **2362** [2805/01] — **2297** [2011/01]

Swedish Notice 23/456/01 (HH.318/515/04).

2870 BALTIC SEA — Finland, South–West Coast — Hanko Northwards — Depths

Insert depth 5₄ m enclosed by 10m contour (a) 59° 52'·33N., 22° 56'·96E.
depth 6₄ m enclosed by 10m contour (b) 59° 52'·58N., 22° 59'·70E.
Delete depth 13m close E. of (a) above
depth 7₁ m close E. of (b) above

Chart [*Last correction*].— **3443** [2186/01]

Finnish Chart 22 (HH.322/430/02).

2871 BALTIC SEA — Gulf of Finland — Approaches to Helsinki — Isosaari Southwards — Depths

Substitute depth 5₂ m for depth 5₇ m 60° 05'·2N., 25° 04'·6E.
depth 12₆ m for depth 16m 60° 04'·4N., 25° 03'·8E.

Chart [*Last correction*].— **1080** [696/01]

Finnish Chart 18 (HH.322/480/04).

2872 BALTIC SEA — Poland — Zalew Szczeciński — Mańków, Raduń and Mijanka Port — Anchorage areas

Insert limit of anchorage area, pecked line, joining: 53° 34'·67N., 14° 35'·63E.
53° 34'·72N., 14° 35'·71E.
53° 34'·43N., 14° 35'·75E.
53° 34'·48N., 14° 35'·65E.
Delete former limit of anchorage area, pecked line, centred on: 53° 36'·6N., 14° 35'·4E.
53° 34'·4N., 14° 35'·7E.
53° 33'·2N., 14° 36'·5E.

Chart [*Last correction*].— **2678** (INT 1298) [1137/01]

Polish Notice 20/354/01 (HH.323/420/04).

II

2873 GERMANY, North Sea Coast — Norderelbe — Falsches Tief Westwards — Depth

Insert depth 48 m enclosed by 5m contour (a) 54° 03'·56N., 8° 26'·58E.
(b) 54° 03'·60N., 8° 26'·66E.

Chart [Last correction].— **3619** (INT 1452) (a) [2811/01] — **1875** (b) [2701/01]
German Notice 21/44/01 (HH.328/540/06).

2874 GERMANY, North Sea Coast — The Jade — Schillighörn — Buoyage; Landmark; Beacons; Measured distance

Amend designation of starboard-hand conical buoy to, 29/Q—Reede 53° 42'·2N., 8° 04'·1E.
designated of starboard-hand pillar light-buoy to, 27/Q—Reede 53° 43'·2N., 8° 03'·7E.
Substitute tower for beacon with topmark 53° 41'·79N., 8° 01'·69E.
Delete beacon with topmark (a) 53° 41'·67N., 8° 00'·96E.
(b) 53° 42'·67N., 8° 00'·73E.
53° 42'·76N., 8° 01'·19E.
pecked line joining: (a) above
(c) 53° 42'·22N., 8° 04'·30E.
and
(b) above
(d) 53° 43'·18N., 8° 03'·85E.
measured distance, pecked line and associated legend,
1852m 164,5° & 344,5°, (chart 3617, legend, 1852m
164,5°–344,5°), joining: (c) above
(d) above

Chart [Last correction].— **3618** (INT 1460) [2196/01] — **3617** (INT 1456) [2199/01]
German Notice 23/(21)2/01 (HH.328/510/04).

2875 NORTH SEA — Netherlands Sector — TSS Off Botney Ground — Submarine pipeline

Insert submarine pipeline joining: 53° 45'·97N., 3° 11'·79E.(□)
53° 46'·13N., 3° 12'·42E.
53° 45'·08N., 3° 18'·67E.(□)

Chart [Last correction].— **1505** (INT 1420) [2484/01]
Netherlands Notice 24/339/01 (HH.341/180/02).

2876 NORTH SEA — Netherlands Sector — TSS Off Brown Ridge Southeastwards — Platform; Restricted area

Delete □ (lighted) P2–SE (a) 52° 53'·7N., 3° 26'·4E.
circular limit of restricted area, radius 500m (0·27M), pecked
line, centred on: (a) above

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

Chart [Last correction].— **1504** (INT 1510) [2355/01] — **1505** (INT 1420) [2875/01] — **2322** (INT 1415) [2702/01] — **1408** (a) [2485/01]
Light List Vol. A, 2001/02, 7478.8
Netherlands Notice 20/301/01 (HH.341/180/02).

2877 NORTH SEA — Netherlands Sector — Deep Water Route Off Brown Ridge TSS Southsouthwestwards — Buoy

Delete W. cardinal pillar light-buoy, Q(9)15s (a) 52° 46'·2N., 3° 13'·4E.
(b) 52° 46'·2N., 3° 12'·8E.

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

Chart [Last correction].— **1504** (INT 1510) (a) [2876/01] — **1408** (b) [2876/01]
Netherlands Notice 24/344/01 (HH.340/620/06).

2878 NETHERLANDS — Approaches to Scheveningen — Buoy

Delete special conical light-buoy, Fl.Y.5s M 52° 07'·15N., 4° 07'·92E.

Chart [Last correction].— **122** (INT 1472) [2194/01] — **2322** (INT 1415) [2876/01] — **3371** (INT 1416) [2604/01] — **1406** [2814/01] — **1408** [2877/01]
Netherlands Notice 24/345/01 (HH.340/580/02).

II

2879 NETHERLANDS — Nieuwe Waterweg — Lights; Buoyage

Insert	designation, 8, at light	(a)	51° 57'·3N., 4° 10'·1E.
	designation, 6, at light	(b)	51° 57'·4N., 4° 09'·8E.
	★ <i>LFl.R.5s</i> 4	(c)	51° 57'·76N., 4° 09'·18E.
	port-hand can light-buoy, <i>LFl.R.5s</i> NW6	(d)	51° 58'·82N., 4° 06'·54E.
Amend	designation of buoy to, NW6A	(e)	51° 54'·3N., 4° 16'·4E.
	designation of light to, 16	(f)	51° 56'·3N., 4° 12'·5E.
	designation of light to, 14	(g)	51° 56'·5N., 4° 12'·0E.
	designation of light to, 12	(h)	51° 56'·7N., 4° 11'·4E.
	designation of light to, 10	(i)	51° 56'·9N., 4° 10'·8E.
	light to, <i>LFl.R.8s</i> 2	(j)	51° 58'·1N., 4° 08'·7E.
Delete	★ <i>LFl.R.5s</i> 3	(k)	0·10M SE. of (c) above
	★ <i>LFl.R.8s</i> 2	(l)	0·16M NW. of (c) above
	★ <i>LFl.R.5s</i> 0	(m)	0·10M ESE. of (d) above

Chart [*Last correction*].— 132 (INT 1475) (**part A, Nieuwe Waterweg and Europoort**) (*a–d,f–m*) & (**part B, Continuation Nieuwe Waterweg Nieuwe Maas**) (*e*) [1558/01]

Light List Vol. B, 2001/02, 0654.3

Netherlands Notice 22/319/01 (HH.340/540/02).

2880 NETHERLANDS — Hollandsch Diep — Zuid Hollandsch Diep — Buoyage

Insert	safe water spherical light-buoy, <i>Iso.8s</i> ZHD–A	51° 42'·09N., 4° 36'·28E.
Amend	designation of safe water spherical light-buoy with topmark to, ZHD–B	51° 41'·92N., 4° 36'·02E.

Chart [*Last correction*].— 133 (INT 1476) (**part B, Dordrecht to Moerdijk**) [1728/01]

Netherlands Notice 24/343/01 (HH.340/570/02).

2881 BELGIUM — Approaches to the Westerschelde — Gootebank and Bol van Knokke Southwards — Buoyage

Insert	special spherical light-buoy with topmark, <i>Fl(5)Y.20s</i> Scheur W	(a)	51° 27'·18N., 2° 52'·59E.
		(b)	51° 27'·13N., 2° 52'·51E.
	special spherical light-buoy with topmark, <i>Fl(5)Y.20s</i> Scheur E	(c)	51° 24'·11N., 3° 18'·18E.
		(d)	51° 24'·06N., 3° 18'·10E.

Chart [*Last correction*].— 1874 (INT 1474) (*a,c*) [2604/01] — 1872 (*a,c*) [2814/01] — 2449 (*b,d*) [2814/01] — 3371 (INT 1416) (*a*) [2878/01]

Belgian Notice 12/114/01 (HH.342/720/03).

2860* FRANCE, North Coast — Île d'Ouessant Northwestwards — TSS Off Ushant — Notes

Insert	the accompanying block, showing updated notes, centred on:	48° 40'·00N., 5° 18'·00W. (left panel)
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Chart [*Last correction*].— 5500 [2200/01]

mt Bastiaan Broere (HH.353/400/03).

2882 FRANCE, North Coast — Approaches to Le Havre — Embouchure de la Seine Northwards — Wreck

Insert	○ Wk, least depth 10 ₈ m	49° 29'·59N., 0° 01'·09W.
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Chart [*Last correction*].— 2146 (INT 1750) [1563/01] — 2613 (INT 1705) [1754/01]

French Notice 22/17/01 (HH.351/490/05).

2883 FRANCE, West Coast — Approaches to Brest — Anse de Bertheaume — Plougonvelin — Beacon

Insert	isolated danger beacon	48° 20'·82N., 4° 41'·89W.
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Chart [*Last correction*].— 3427 (INT 1832) [1656/01] — 2350 [1656/01] — 2694 [1656/01]

French Notice 23/30/01 (HH.353/410/04).

2884 FRANCE, West Coast — Approaches to La Rochelle — Plateau de Chauveau Northwestwards — Buoy; Legend

Delete	S. cardinal conical buoy	46° 07'·98N., 1° 17'·15W.
	legend, (dest), at S. cardinal beacon	(a) 46° 08'·09N., 1° 17'·14E.

Chart [*Last correction*].— 2743 (INT 1844) [2496/01] — 2641 (*a*) [1043/01] — 2746 [1043/01]

French Notice 23/33/01 (HH.353/520/04).

II

2885 SPAIN, North Coast — Santander — Isla Horadada — Light

Amend light to, *Fl(2)7s5m5M* 43° 27'·93N., 3° 46'·03W.

Chart [*Last correction*].— **1155** [1757/01]

Light List Vol. D, 2001/02, 1557

Spanish Notice 23/427/01 (HH.359/470/03).

2886 SPAIN, North Coast — Gijon — Darsena de el Musel — Muelle Moliner — Works

Insert legend, *Works in progress (2001)*, centred on: 43° 33'·71N., 5° 40'·95W.

Chart [*Last correction*].— **1154** [2499/01]

Spanish Notice 21/391(T)/01 (HH.359/500/03).

2887 SPAIN, West Coast — Approaches to Villagarcia de Arosa — Navigational marks

Amend the text of Navigational marks in the title notes to read,
Navigational marks: IALA Maritime Buoyage System – Region A (Red to port) 42° 27'·87N., 8° 47'·00W.

Chart [*Last correction*].— **1764** [2605/01]

UK Hydrographic Office (HH.359/600/03).

2888 NORTH ATLANTIC OCEAN — Arquipélago dos Açores — Ilha de São Miguel — Ponta dos Mosteiros and Ponta da Costa — Lights

Move ★ *Oc.R.3s6M*, from: 37° 53'·97N., 25° 49'·30W.
to: 37° 53'·56N., 25° 49'·32W.

Amend range of light to, *7M* (a) 37° 53'·88N., 25° 45'·28W.

Chart [*Last correction*].— **1958** [4356/99] — **1950** (a) [1045/01]

Light List Vol. D, 2001/02, 2655.4, 2655.6

Portuguese Notice 11/273/01 (HH.364/410/03).

2889 NORTH ATLANTIC OCEAN — Islas Canarias — Tenerife — Santa Cruz de Tenerife — Dársena de los Llanos Southwards — Buoy

Amend special spherical light–buoy to, *Fl.10s* 28° 27'·0N., 16° 14'·8W.

Chart [*Last correction*].— **1857** [*New Edition 19/4/01*]

Spanish Notice 16/295/01 (HH.419/420/06).

2890 MEDITERRANEAN SEA — Spain, East Coast — Approaches to Barcelona — Sant Adrià de Besós — Works

Insert legend, *Works in progress (2001)*, centred on: 41° 24'·6N., 2° 14'·1E.

Chart [*Last correction*].— **1196** [*New Chart 14/6/01*]

Spanish Notice 22/418(T)/01 (HH.361/630/03).

2891 MEDITERRANEAN SEA — Spain — Islas Baleares — Mallorca, South Coast — Punta Sa, I. de la Guardia and Puerto de Campos — Lights

Amend range of light to, *7M* 39° 18'·80N., 2° 59'·70E.
light to, *Fl(4)G.12s7m5M* 39° 18'·70N., 3° 00'·10E.
light to, *Fl(4)R.10s5m3M* 39° 19'·00N., 3° 00'·00E.

Chart [*Last correction*].— **2831** [2607/01] — **2832** [2500/01] — **1702** [2607/01] — **1703** [2607/01]

Light List Vol. E, 2000/01, 0314.2, 0314.4, 0315

Spanish Notice 22/419/01 (HH.362/410/04).

2892 MEDITERRANEAN SEA — France, South Coast — Port-la-Nouvelle Northeastwards — Gruissan — Buoy

Move W. cardinal pillar light–buoy, *Q(9)15s*, from: 43° 05'·31N., 3° 07'·50E.
to: 43° 05'·18N., 3° 07'·75E.

Chart [*Last correction*].— **1506** (plan, *Approaches to Port-la-Nouvelle*) [1572/01]

French Notice 18/25/01 (HH.354/450/03).

II

2893 MEDITERRANEAN SEA — France, South Coast — Golfe de Saint-Tropez and Golfe de Fréjus — Restricted areas

- Delete limit of submarine cable area, pecked line, and associated legend, Anchoring, Dredging and Trawling Prohibited, joining:
- (a) 43° 24'·61N., 6° 46'·95E. (★)
 (b) 43° 23'·60N., 6° 45'·79E.
 (c) 43° 23'·60N., 6° 47'·42E.
 (d) 43° 24'·55N., 6° 47'·42E. (shore)
- limit of submarine cable area, pecked line, and associated legend, Anchoring, Dredging and Fishing Prohibited, joining:
- 43° 16'·33N., 6° 35'·30E. (★)
 43° 16'·33N., 6° 36'·10E.
 43° 18'·40N., 6° 40'·00E.
 43° 18'·70N., 6° 41'·11E.
 43° 18'·70N., 6° 41'·71E.
 43° 17'·95N., 6° 41'·62E.
 43° 17'·95N., 6° 40'·63E.
 43° 17'·20N., 6° 38'·90E.
 43° 16'·71N., 6° 38'·80E.
 43° 16'·50N., 6° 38'·55E. (shore)
 and
 43° 16'·50N., 6° 38'·51E. (shore)
 43° 17'·10N., 6° 38'·58E.
 43° 15'·85N., 6° 36'·00E. (shore)
 and
 43° 16'·00N., 6° 35'·60E.
 43° 16'·24N., 6° 36'·00E.
 43° 16'·24N., 6° 35'·33E. (★)

Chart [*Last correction*].— **2166 (plan, Saint Raphaël) (a–d) & 2166 [334/01] — 1974 (a–d) [1365/01]**
 French Notice 19/12/01 (HH.354/710/02).

2894 MEDITERRANEAN SEA — Greece — Nísos Kríti, North Coast — Sitía — Light

- Insert ★ *F.R.3m3M* (a) 35° 12'·575N., 26° 06'·592E.
 (breakwater)
 Amend light to, *F.R. & F.G.3M* (b) (a) above

Chart [*Last correction*].— **1707 (plan, Sitía) (a) [1259/01] — 3679 (b) [2884/00]**
 Light List Vol. E, 2000/01, 4822.5
 Greek Notice 5/127/01 (HH.386/410/03).

2895 MEDITERRANEAN SEA — Greece — Pelopónnisos — Yéfira — Limín Monemvasías — Light

- Amend light to, *Fl.R.2s8m3M* (a) 36° 41'·39N., 23° 02'·54E.
 (b) (a) above

Chart [*Last correction*].— **1683 (plan, Limín Monemvasías) (a) & 1683 (plan, Kólpos Monemvasías) (b) [2883/00]**
 Light List Vol. E, 2000/01, 4081
 Greek Notice 5/128/01 (HH.382/570/02).

2896 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Sámos — Órmos Tigáni — Iraíon — Buoy

- Insert port–hand can light–buoy, *Fl.R.2s* 37° 39'·70N., 26° 53'·13E.

Chart [*Last correction*].— **1526 (plan, Samos Strait) [2374/01]**
 Greek Notice 5/137/01 (HH.383/450/03).

2897 MEDITERRANEAN SEA — Turkey — Marmara Denizi — Aydinli Limani — Mooring buoy

- Delete  40° 50'·8N., 29° 16'·4E.

Chart [*Last correction*].— **2286 [2718/01]**
 Turkish Notice 18/113/01 (HH.394/420/03).

2898 BLACK SEA — Georgia — P'ot'i Northwestwards — Reka Rioni Westwards and P'ot'i — Gavan' Novyy Port and Yuzhnaya Gavan' — Legend; Wrecks; Buoyage

- Insert legend, *Shoals extending westwards Rep (2001)*, centred on:  (a) 42° 12'·53N., 41° 37'·05E.
 (b) 42° 09'·538N., 41° 39'·483E.
 (c) 42° 09'·388N., 41° 39'·173E.
 (d) 42° 09'·438N., 41° 39'·183E.
 Delete W. cardinal spar buoy (e) 42° 12'·66N., 41° 37'·31E.
 (f) 42° 11'·75N., 41° 37'·31E.
 (g) 42° 11'·06N., 41° 37'·74E.
 (h) 42° 09'·102N., 41° 39'·030E.

Chart [*Last correction*].— **3317 (plan C, P'ot'i) (b–d,h) & 3317 (plan B, Approaches to P'ot'i) (a,e–g) [New Edition 5/4/01]**
 U.S. Notice 23/55138/01 (HH.399/480/01).

II

2899 AFRICA, West Coast — Morocco, West Coast — Al Jadida — Cap de Mazagan — Light

Insert ★ *Fl(2)10s14m10M* 33° 16'·00N., 8° 30'·70W.

Chart [*Last correction*].— **862 (plan, Al Jadida) & (plan, Approaches to Al Jadida and Jorf Lasfar)** [67/00]

Light List Vol. D, 2001/02, 2587.5

French Notice 23/47/01 (*HH.417/460/02*).

2900* AFRICA, West Coast — Guinea — Conakry Southwestwards — Depths

Insert	depth 48m	(a)	9° 15'·00N., 14° 58'·36W.
	depth 49m enclosed by 50m approximate contour	(b)	8° 56'·86N., 14° 28'·60W.
	depth 47m enclosed by 50m approximate contour	(c)	8° 55'·38N., 14° 26'·24W.
Delete	depth 55m and associated 50m approximate contour	(d)	close SW. of (a) above
	depth 51m	(e)	close NE. of (c) above

Chart [*Last correction*].— **601 (b,c,e)** [4159/00] — **612** [2582/99]

UK Hydrographic Office (*HH.432/261/03*).

2901 MADAGASCAR, East and West Coasts — Satellite-Derived Positions

Insert	the accompanying note, SATELLITE-DERIVED POSITIONS, centred on:	(a)	25° 02'·70S., 46° 58'·70E.
		(b)	17° 24'·80S., 49° 26'·05E.
		(c)	20° 19'·39S., 44° 17'·53E.
	text, Positions: see <i>Satellite-Derived Positions note on plan of Fénéry</i> , centred on:	(d)	17° 41'·00S., 49° 30'·03E. (below title)
		(e)	24° 45'·05S., 47° 13'·20E. (below title)
Substitute	the accompanying note, SATELLITE-DERIVED POSITIONS, for existing note, centred on:	(f)	12° 16'·17S., 49° 14'·85E.
		(g)	within panel, SW. corner
		(h)	18° 03'·74S., 49° 23'·25E.
		(i)	16° 18'·40S., 49° 30'·75E.
		(j)	17° 23'·60S., 49° 16'·50E.
		(k)	within panel, SE. corner
	the accompanying note, CAUTION: SATELLITE-DERIVED POSITIONS, for existing note, centred on:	(l)	outside N. border to the left of title.

Chart [*Last correction*].— **1064 (plan, Port de la Nièvre) (f)** [716/01] — **679 (g)** [716/01] — **680 (plan, Fort Dauphin) (a) (plan, Fénéry) (b) (plan, Foulpointe) (d) (plan, Ste. Luce) (e) & 680 (l)** [716/01] — **688 (h)** [716/01]

— **2461 (k)** [716/01] — **3855 (plan, Morondava) (c)** [716/01] — **677 (i)** [716/01] — **678 (j)** [716/01]

French Notices 4/24/01, 5/38/01, 11/56/01 & 12/45/01 (*HH.457/400/05*).

2902 INDIAN OCEAN — Île de la Réunion, South Coast — Saint-Pierre — Light

Insert ★ *Fl.WG.4s10/7M* (a) 21° 20'·9S., 55° 28'·7E.
(breakwater)

(b) (a) above

sectors at light as follows:
G shore – 323°
W 323° – 060° (97°)
G 060° – shore

Amend light to, *Fl.WG.10/7M & 2Ldg Q.G.3M* (c) (a) above

Chart [*Last correction*].— **1497 (INT 7735) (a,b)** [*New Chart 28/10/99*] — **689 (c)** [4040/99]

Light List Vol. D, 2001/02, 7089.05

French Notice 23/48/01 (*HH.459/400/03*).

2903 INDIA, West Coast — Jawahar Lal Nehru Port — Elephanta Island Southwards and Eastwards — Buoyage

Insert	port-hand pillar light-buoy with topmark, <i>Iso.R.5s F</i>	18° 57'·86N., 72° 56'·81E.
Amend	port-hand pillar light-buoy E to, <i>Q.R</i>	18° 57'·40N., 72° 56'·62E.
	port-hand pillar light-buoy D to, <i>Fl(2)R.10s</i>	18° 56'·73N., 72° 55'·84E.
Delete	port-hand pillar light-buoy with topmark <i>Fl(3)R.15s F</i>	18° 57'·97N., 72° 56'·81E.

Chart [*Last correction*].— **2627** [1839/01]

Indian Notice 11/206/01 (*HH.502/440/04*).

2904 INDIA, West Coast — Approaches to Mormugao — Wreck

Delete ☸ 15° 23'·95N., 73° 46'·34E.

Chart [*Last correction*].— **492 (plan B, Mormugao) & (plan C, Approaches to Mormugao and Panaji)** [2377/01]

Indian Notice 11/209/01 (*HH.502/480/04*).

II

2905 INDIA, East Coast — Hugli River — Eastern Channel — Buoy; Radar beacon; LANBY

- Insert port-hand pillar light-buoy with topmark, *Fl.10s* (a) 21° 00'·50N., 88° 11'·38E.
 radar beacon, *Racon(O)*, at light-buoy (b) (a) above
- Delete $\Rightarrow$ Fl.10s15m12M Eastern Channel and radar beacon, (c) 21° 01'·0N., 88° 11'·5E.
Racon(O)(3cm)
 $\Rightarrow$ Fl.10s13m11M Siren(2)120s and associated legend, (d) (c) above
 Eastern Channel (frequently moved) (e) 20° 59'·8N., 88° 12'·5E.
 $\Rightarrow$ Fl.10s11M Siren(2) (f) 21° 00'·0N., 88° 14'·0E.

Chart [*Last correction*].— **123** (a,b,c) [2042/01] — **814** (a,b,d) [2042/01] — **2058** (a,b,e) [4593/00] — **829** (a,f) [1945/01]
 Light List Vol. F, 2000/01, 1020
 Indian Notice 11/212/01 (HH.503/490/04).

2906 CHINA SEA — Gulf of Thailand — Thailand — Ko Sattakut Northwards — Jetty; Lights

- Insert jetty, single firm line, joining: (a) 12° 24'·38N., 99° 59'·75E.(shore)
 (b) 12° 24'·75N., 99° 59'·89E.
 ★ *Fl.R* & *Fl.G.3M* (c) (b) above

Chart [*Last correction*].— **3965** [1774/01]
 Light List Vol. F, 2000/01, 2932.52, 2932.5
 Thai Chart 246 (HH.515/400/04).

2907 CHINA, South-East Coast — Hong Kong — Western Approaches to Hong Kong Harbour — Ma Wan Northeastwards — Depths

- Insert depth 18₃ m and extend 20m contour E. to enclose (a) 22° 21'·733N., 114° 03'·936E.
 depth 18m and extend 20m contour E. to enclose 22° 21'·459N., 114° 03'·965E.
- Substitute depth 15₅ m for depth 16₆ m 22° 21'·714N., 114° 03'·798E.
 depth 18₈ m for depth 19₄ m 22° 21'·679N., 114° 03'·533E.
 depth 19₃ m for depth 19₈ m 22° 21'·298N., 114° 04'·529E.
- Delete depth 18₉ m close SW. of (a) above

Chart [*Last correction*].— **3280** (INT 5509) [2832/01] — **1919** (INT 5510) [2832/01]
 Hong Kong Notice 12/42/01 (HH.550/406/05).

2908 CHINA — Yellow Sea — Approaches to Dalian Gang — Nansanliangche Jiao Southwards — Anchorage area

- Insert limit of anchorage area, pecked line, joining: (a) 38° 54'·9N., 121° 59'·0E.
 (existing limit)
 38° 54'·9N., 121° 57'·5E.
 38° 52'·9N., 121° 57'·5E.
- (b) 38° 52'·9N., 121° 59'·0E.
 (existing limit)
 (a) above
 (b) above
- Delete former limit of anchorage area, pecked line, joining:

Chart [*Last correction*].— **1255** [1277/01]
 Chinese Notice 10/424/01 (HH.548/527/02).

2909 JAPAN — Kyūshū, West Coast — Amakusa-Kami Shima — Akasaki — Light

- Amend range of light to, 2M 32° 30'·95N., 130° 19'·25E.

Chart [*Last correction*].— **2401** [2733/01]
 Light List Vol. F, 2000/01, 5154.7
 Japanese Notice 23/835/01 (HH.564/401/05).

2910 JAPAN — Kyūshū, South Coast — Kagoshima — Wakida — Mokuzai Kō Eastwards — Works

- Insert legend, *Works in progress* (2001), centred on: 31° 32'·0N., 130° 33'·4E.
 Amend legend to, *Works in progress* (2001), centred on: 31° 31'·5N., 130° 33'·2E.

Chart [*Last correction*].— **654** (plan C, Kagoshima) [1063/01]
 Japanese Notice 15/552(T)/01 (HH.564/402/02).

2911 JAPAN — Kyūshū, South Coast — Hyūga Nada — Tozaki Hana Southwards — Uchiumi Kō — Light

- Amend light to, *Fl(2)R.6s13m4M* 31° 44'·9N., 131° 28'·7E.

Chart [*Last correction*].— **651** [373/01] — **835** [2227/01]
 Light List Vol. F, 2000/01, 4882
 Japanese Notice 23/837/01 (HH.564/440/04).

II

2912 JAPAN — Honshū, North-West Coast — Approaches to Fushiki — Outer Harbour — Light-beacon; Tower

Substitute special light-beacon with topmark, *Fl(5)Y.20s13m3M*, for
 ○ Tower (Y.Lt), (chart 1347, special light-beacon with
 topmark, *Fl(5)Y.20s3M*, for ○ Tr Y.Lt) 36° 49'·07N., 137° 04'·67E.

Chart [*Last correction*].— **1342 (plan B, Fushiki and Shinminato)** [*New Edition 14/6/01*] — **1347** [*1852/01*]

Light List Vol. F, 2000/01, 7162.4

Japanese Notice 23/849/01 (HH.563/510/03).

2913 JAPAN — Hokkaidō, South Coast — Kushiro Kō — South Breakwater and Outer Harbour — Works; Buoyage

Insert legend, *Works in progress (2001)*, centred on: 42° 58'·45N., 144° 21'·40E.
 starboard-hand pillar light-buoy with topmark, *Fl.R.4s* 42° 58'·65N., 144° 17'·96E.
 port-hand pillar light-buoy with topmark, *Fl.G.4s* 42° 58'·65N., 144° 18'·55E.

Chart [*Last correction*].— **1815 (plan, Kushiro)** [*New Edition 5/7/01*]

Japanese Notices 20/726(T)/01 & 24/880/01 (HH.562/422/02).

2914 PHILIPPINE ISLANDS — Luzon — Burias Pass — Cabarian Pt. and Sorsogon Bay — Kasiguran — Lights

Insert ★ *Fl.10s151ft10M* (a) 13° 00'·57N., 123° 19'·18E.
 Amend light to, *Fl.5s69ft10M* 12° 52'·55N., 124° 00'·45E.

Chart [*Last correction*].— **3818** [*2843/01*] — **3807 (a)** [*526/01*] — **3808** [*2846/01*]

Light List Vol. F, 2000/01, 2503.8, 2544

Philippines Notices 4/26–27/01 (HH.552/560/02).

2915 INDONESIA — Irian Jaya, North Coast — Tg Soeadja Northwestwards — Lights; Radar beacons

Insert ★ *Fl(3)24s705ft35M* (a) 2° 31'·85S., 140° 44'·82E.
 radar beacon, *Racon (K)*, at light (b) (a) above
 Delete ★ *Fl(3)24s705ft35M* (c) 2° 31'·85S., 140° 44'·67E.
 radar beacon, *Racon (K)*, at light (d) (c) above

Chart [*Last correction*].— **2467 (plan, Hollandia Baai) & (plan, Humboldt Baai)** [*2068/01*]

Light List Vol. K, 2001/02, 3398

UK Hydrographic Office (HH.531/400/02).

2861 AUSTRALIA — Queensland — Forrester Reef to Cairns Reef — Depths

Insert the accompanying block, showing amendments to depths,
 centred on: (a) 15° 13'·8S., 145° 33'·4E.
 (b) 15° 26'·2S., 145° 32'·6E.
 (c) 15° 34'·4S., 145° 30'·4E.

Note: Chart Aus 373 remains affected by Former Notice 2738(T)/00.

Chart [*Last correction*].— **Aus 831 (a,c)** [*1075/01*] — **Aus 373 (b)** [*1861/01*]

Australian Notice 11/286/01 (HH.571/009/01).

2916 AUSTRALIA — Coral Sea — Fraser Seamount — Depth

Insert depth, 183fm and extend 1000fm contour E. to enclose,
 (charts 4602 and 4060, depth, 335m and extend 1000m
 contour E. to enclose (a) 24° 26'·8S., 155° 18'·1E.
 Delete depth 188fm (b) 24° 26'·0S., 155° 17'·0E.
 depth 344m (c) 24° 24'·5S., 155° 15'·5E.
 depth 345m (d) (c) above

Chart [*Last correction*].— **Aus 426 (a,b)** [*4483/00*] — **4602 (INT 602) (a,c)** [*348/00*] — **4060 (INT 60) (a,d)** [*2531/01*]

Australian Notice 12/308/01 (HH.571/009/01).

2917 AUSTRALIA — Queensland — Bunker Group — Lady Musgrave Island — Depths

Insert depth 10₃ fm (a) 24° 03'·17S., 152° 29'·16E.
 depth 10₄ fm (b) 23° 58'·15S., 152° 36'·18E.
 Substitute depth 10₃ fm for depth 9fm enclosed by 10fm contour (c) 24° 03'·3S., 152° 29'·1E.
 depth 10₄ fm for depth 11fm (d) 23° 58'·0S., 152° 36'·0E.
 Delete depth 9fm enclosed by 10fm contour (e) (c) above
 depth 11fm (f) (d) above

Chart [*Last correction*].— **Aus 366 (a,b,e,f)** [*4483/00*] — **Aus 426 (c,d)** [*2916/01*]

Australian Notice 12/309/01 (HH.571/009/01).

II

2918 AUSTRALIA — Queensland — Port of Gladstone — Tide Island Southwestwards — Ripple Rock — Light-beacon; Beacon

Substitute starboard-hand light-beacon with topmark, *Fl.G.3s*,
for starboard-hand beacon with topmark 23° 48'·17S., 151° 13'·58E.

Chart [*Last correction*].— **Aus 245** [389/01]

Light List Vol. K, 2001/02, 2989.913

Australian Notice 12/310/01 (HH.571/009/01).

2919 AUSTRALIA — Queensland — Percy Isles — Middle Island Northwards — Depths

Insert	depth 163 m enclosed by 20m contour	(a)	21° 36'·90S., 150° 16'·25E.
Substitute	depth 85 fm enclosed by 10fm contour for depth 11fm	(b)	21° 36'·8S., 150° 16'·7E.
Delete	depth 25m enclosed by 30m contour	(c)	21° 36'·8S., 150° 16'·7E.

Chart [*Last correction*].— **Aus 367** (a,c) [4567/99] — **Aus 426** (b) [2917/01]

Australian Notice 12/311/01 (HH.571/009/01).

2920 AUSTRALIA — Queensland — Cape Grafton — Little Turtle Bay — Beacons; Measured distance

Delete	◉ Bn	(a)	16° 54'·5S., 145° 56'·6E.
			16° 54'·5S., 145° 56'·9E.
		(b)	16° 53'·5S., 145° 56'·7E.
			16° 53'·5S., 145° 57'·0E.
	pecked line, joining:	(a)	above
			16° 54'·5S., 145° 58'·20E.
		(b)	above
			16° 53'·5S., 145° 58'·20E.
	measured distance, pecked line, and associated legend, Meas. Dist. 1985m 000° 15', centred on:		16° 54'·0S., 145° 57'·8E.

Chart [*Last correction*].— **Aus 830** [4192/00]

Australian Notice 12/312/01 (HH.571/009/01).

2921 AUSTRALIA — Queensland — Jewell Reef — Rock

Insert	⊙ Rep (2001)	(a)	14° 24'·31S., 145° 19'·73E.
			14° 24'·04S., 145° 19'·34E.

Chart [*Last correction*].— **Aus 832** [1861/01] — **Aus 374** (a) [2528/01]

Australian Notice 12/313/01 (HH.571/009/01).

2922 AUSTRALIA — Queensland — Torres Strait — Ackers Shoal to Gabba Island Northwards — Tidal streams

Insert	flood tide stream arrow, 2·1kn, direction 273°, centred on:	(a)	10° 19'·0S., 142° 47'·0E.
	ebb tide stream arrow, 1·5kn, direction 100°, centred on:	(b)	10° 19'·0S., 142° 47'·0E.
	flood tide stream arrow, 3·4kn, direction 288°, centred on:	(c)	9° 50'·1S., 142° 57'·4E.
	flood tide stream arrow, 1·9kn, direction 129°, centred on:	(d)	9° 40'·6S., 142° 36'·5E.
	ebb tide stream arrow, 1·4kn, direction 300°, centred on:	(e)	9° 40'·6S., 142° 36'·5E.

Chart [*Last correction*].— **Aus 839** (a-c) [1691/01] — **Aus 840** (c-e) [1693/01] — **Aus 376** [1693/01]

Australian Notice 12/314/01 (HH.571/009/01).

2923 PAPUA NEW GUINEA — Torres Strait — Boigu Island — Landmark

Insert	symbol, radio tower	9° 14'·0S., 142° 13'·2E.
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Chart [*Last correction*].— **Aus 376** [2922/01]

Australian Notice 12/315/01 (HH.571/009/01).

2924 AUSTRALIA — Queensland — Weipa — Wooldrum Point Westwards — Dredged area

Insert	limit of dredged area, pecked line, arc of circle, joining:	(a)	12° 40'·91S., 141° 46'·70E.
			12° 40'·95S., 141° 46'·90E.
		(b)	12° 40'·85S., 141° 47'·05E.
Delete	former limit of dredged area, pecked line, joining:	(a)	above
		(b)	above

Chart [*Last correction*].— **Aus 4** [1694/01]

Australian Notice 12/316/01 (HH.571/009/01).

II

2925 AUSTRALIA — Northern Territory — Gove Peninsula — Landmark

Insert symbol, radio tower 12° 12'·6S., 136° 47'·5E.

Chart [*Last correction*].— **Aus 715** [3425/00]

Australian Notice 12/317/01 (HH.571/009/01).

2926 AUSTRALIA — Northern Territory — Buckingham Bay — Flinders Peninsula — Rock

Insert ☼ 12° 04'·8S., 136° 00'·2E.

Chart [*Last correction*].— **Aus 306** [3425/99]

Australian Notice 12/318/01 (HH.571/009/01).

2927 AUSTRALIA — Northern Territory — Port Darwin — East Arm — Hudson Creek — Buoy

Insert spar light–buoy with topmark, *Fl(4)R.6s* 12° 28'·922S., 130° 55'·745E.

Chart [*Last correction*].— **Aus 28 (plan, East Arm)** [2101/01] — **Aus 26** [2101/01]

Australian Notice 12/319/01 (HH.571/009/01).

2928 AUSTRALIA — Western Australia — Taunton Reef and Thevenard Island Northeastwards — Lights

Insert light, *Mo(U)15s*, at ☐ CHERVIL A (a) 21° 18'·6S., 115° 13'·6E.
light, *Mo(U)15s*, at ☐ SALADIN A 21° 26'·4S., 115° 03'·3E.
light, *Mo(U)15s*, at ☐ SALADIN B 21° 26'·8S., 115° 02'·4E.

Chart [*Last correction*].— **Aus 743** [1078/01] — **Aus 328 (a)** [2745/01]

Light List Vol. K, 2001/02, 1697.8, 1701.7, 1701.8

Australian Notice 12/320/01 (HH.571/009/01).

2929 AUSTRALIA — Western Australia — Bunbury — Light

Amend light to, *Dir.F.WRG.20m8M & F.Bu* 33° 19'·08S., 115° 39'·68E.

Delete ★ F.Bu.11m3M, (main sheet, ★ F.Bu.3M) 33° 18'·83S., 115° 39'·57E.

Chart [*Last correction*].— **Aus 115 (plan, Port of Bunbury) & Aus 115** [742/01]

Light List Vol. K, 2001/02, 1785, 1785.1

Australian Notice 12/321/01 (HH.571/009/01).

2930 AUSTRALIA — Western Australia — Cape Leeuwin — Submarine cable

Insert submarine cable, joining:

- (a) 34° 20'·89S., 115° 10'·05E.(shore)
- (b) 34° 21'·88S., 115° 13'·17E.
- (c) 34° 26'·6S., 115° 15'·0E.
- (d) 34° 26'·70S., 115° 14'·91E.
- (e) 34° 29'·40S., 115° 11'·01E.
- (f) 34° 30'·90S., 115° 07'·00E.
(W. border)
- (g) 34° 36'·99S., 114° 51'·92E.
- (h) 34° 45'·63S., 114° 35'·12E.
- (i) 34° 48'·27S., 114° 31'·92E.
- (j) 34° 49'·07S., 114° 17'·42E.
- (k) 34° 52'·36S., 114° 08'·79E.

Chart [*Last correction*].— **Aus 335 (a,b,d,e,g–k)** [763/98] — **Aus 336 (a,b,d–f)** [2844/00] — **Aus 417 (a–c,e,g–k)** [*New Edition 15/9/00*]

Australian Notice 12/322/01 (HH.571/009/01).

2931 AUSTRALIA — Western Australia — Port of Albany — Semaphore Point Westwards — Light–beacons; Light

Insert starboard–hand light–beacon with topmark, *Fl.G.1·5s9m No 9* 35° 02'·346S., 117° 53'·840E.

Delete former No 9 light–beacon, *Fl.G.1·5s9m* 35° 02'·52S., 117° 54'·20E.

★ *Fl.G.3s3m No 11* 35° 02'·44S., 117° 53'·97E.

Chart [*Last correction*].— **Aus 109** [4195/00]

Light List Vol. K, 2001/02, 1803.85, 1803.9, 1804

Australian Notice 12/323/01 (HH.571/009/01).

II

2932 AUSTRALIA — South Australia — Port Lincoln — Port Lincoln Wharves — Oil Berth — Dredged area; Depth

Insert	limit of dredged area, pecked line, joining:	(a)	34° 43'·228S., 135° 52'·347E. 34° 43'·206S., 135° 52'·343E. 34° 43'·184S., 135° 52'·525E.
Delete	depth 12 ₂ m 10m contour	(b)	34° 43'·206S., 135° 52'·528E. 34° 43'·20S., 135° 52'·39E. within (a)–(b) above

Chart [*Last correction*].— **Aus 134 (plan, Port Lincoln Wharves)** [3246/00]

Australian Notice 12/324/01 (HH.571/009/01).

2933 AUSTRALIA — South Australia — Franklin Harbor — Beacons; Legend; Depth

Insert	beacon with can topmark	(a)	33° 42'·40S., 136° 55'·57E. 33° 43'·00S., 136° 55'·17E. 33° 43'·54S., 136° 54'·48E.
	beacon with conical topmark		33° 43'·13S., 136° 55'·34E. 33° 44'·33S., 136° 53'·32E.
Amend	legend to, <i>Harbor</i> , centred on:		33° 41'·9S., 136° 57'·1E.
Delete	depth 0 ₄ m		close NW. of (a) above

Chart [*Last correction*].— **Aus 777** [2251/01]

Australian Notice 12/325/01 (HH.571/009/01).

2934 AUSTRALIA — South Australia — Western Shoal Northwards — Wreck; Depth

Insert		(a)	33° 07'·15S., 137° 31'·94E.
		(b)	33° 07'·25S., 137° 32'·00E.
		(c)	33° 07'·24S., 137° 31'·86E.
Delete	depth ¾ fm depth 0 ₃ m	(d)	33° 07'·2S., 137° 32'·5E.
		(e)	33° 07'·3S., 137° 31'·9E.

Chart [*Last correction*].— **Aus 136 (a)** [2749/01] — **Aus 778 (c,e)** [2074/01] — **Aus 344 (b)** [2250/01] — **Aus 444 (b,d)** [534/01]

Australian Notice 12/326/01 (HH.571/009/01).

2935 AUSTRALIA — South Australia — Whyalla — Ore Jetty Southwards — Light-beacon

Insert	E. cardinal light-beacon, VQ(3)5s	33° 02'·288S., 137° 35'·918E.
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Chart [*Last correction*].— **Aus 136 (plan, Whyalla)** [2934/01]

Light List Vol. K, 2001/02, 1936.3

Australian Notice 12/327/01 (HH.571/009/01).

2936 AUSTRALIA — South Australia — Port Augusta — Light-beacons; Beacons

Substitute	starboard-hand light-beacon, <i>Fl.G.4s No 13</i> , for former No 13 beacon	32° 36'·5S., 137° 46'·3E.
	port-hand light-beacon, <i>Fl.R.4s No 16</i> , for former No 16 beacon	32° 36'·53S., 137° 46'·25E.

Chart [*Last correction*].— **Aus 778 (plan, Approaches to Port Augusta)** [2934/01]

Light List Vol. K, 2001/02, 1952.5, 1952.6

Australian Notice 12/328/01 (HH.571/009/01).

2937 AUSTRALIA — Tasmania — Port Dalrymple — Sawyers Point Southwestwards — Buoy

Delete	special pillar light-buoy, Fl.Y.3s	41° 08'·52S., 146° 50'·82E.
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Chart [*Last correction*].— **Aus 167 (plan, Bell Bay) & Aus 167** [2252/01]

Australian Notice 12/329/01 (HH.571/009/01).

2938 NEW ZEALAND — North Island, East Coast — Whangarei Harbour — Lights; Leading line

Amend	light to, 2F.G.(vert)	(a)	35° 48'·16S., 174° 20'·78E.
Delete	★ F.G	(b)	35° 48'·10S., 174° 20'·83E.
	leading line, pecked line and firm line, and associated legend, Ldg Lts 209° 21'		extending in direction 029° 21' from (a) above

Chart [*Last correction*].— **NZ 5213** [4706/00]

Light List Vol. K, 2001/02, 3722.45

New Zealand Notice 18/142/01 (HH.580/009/01).

II

- 2939 NEW ZEALAND — North Island, East Coast — Auckland Harbour — Bastion Point Southeastwards — Light**
Delete ★ F.R.5m 36° 50′.73S., 174° 49′.67E.
Chart [*Last correction*].— **NZ 5322** [2753/01]
Light List Vol. K, 2001/02, 3752
New Zealand Notice 18/143/01 (HH.580/009/01).
- 2940 SOUTH PACIFIC OCEAN — Nouvelle-Calédonie — Western Approaches to Nouméa — Passe de Uitoé — Light-beacon**
Amend light-beacon to, Q.R.5m4M, (chart 936, Q.R.4M) 22° 10′.45S., 166° 06′.50E.
Chart [*Last correction*].— **2907** [2754/01] — **936** [2205/00]
Light List Vol. K, 2001/02, 4827.5
French Notice 22/40/01 (HH.585/570/03).
- 2941 SOUTH PACIFIC OCEAN — Fiji — Viti Levu — Nadi Waters — Malolo Lailai Island — Black Rocks — Aeronautical Light**
Insert ★ Aero F 17° 47′.36S., 177° 12′.75E.
Chart [*Last correction*].— **1670 (plan, Nadi Waters)** [1899/01]
Light List Vol. K, 2000/01, 4706.5
Fijian Hydrographic Office (HH.586/550/03).
- 2942 NORTH AMERICA, West Coast — Alaska — Kodiak Island — Uyak Bay — Depths**
Substitute depth 7₄ fm enclosed by 10fm contour for depth 49fm 57° 39′.8N., 153° 45′.5W.
Chart [*Last correction*].— **1499** [2177/01]
U.S. Notice 26/16580/01 (HH.611/430/03).
- 2943 NORTH AMERICA, West Coast — British Columbia — Queen Charlotte Strait — Pine Island — Light**
Amend light to, Fl.R.10s92ft15M, (chart 3993, Fl.R.15M) 50° 58′.57N., 127° 43′.58W.
Chart [*Last correction*].— **582** [3844/00] — **3993** [1959/01]
Light List Vol. G, 2000/01, 5649
Canadian Notice 5/3001/01 (HH.600/435/02).
- 2944 NORTH AMERICA, West Coast — British Columbia — Sidney — Lights; Jetty**
Insert ★ 2 F.W (a) 48° 38′.86N., 123° 23′.52W.
jetty, single firm line, joining: (a) above
48° 38′.86N., 123° 23′.61W.(shore)
Chart [*Last correction*].— **78** [1086/01]
Light List Vol. G, 2000/01, 5341.55
Canadian Notice 5/3313/01 (HH.600/410/03).
- 2945 NORTH AMERICA, West Coast — Washington — Possession Sound — Gedney Island Southwards — Buoy**
Delete ‘A’ buoy 47° 59′.75N., 122° 18′.67W.
Chart [*Last correction*].— **47** [197/01]
U.S. Notice 26/18443/01 (HH.612/480/04).
- 2946 NORTH AMERICA, West Coast — Washington — Puget Sound — Shilshole Bay — Buoyage; Light**
Substitute special pillar light-buoy, Fl.Y.4s ‘SB’, for ★ Fl.Y 47° 40′.91N., 122° 24′.73W.
Delete former ‘SB’ buoy 47° 40′.67N., 122° 24′.77W.
Chart [*Last correction*].— **47** [2945/01]
Light List Vol. G, 4854.1
U.S. Notice 26/18447/01 (HH.612/485/06).

II

2947 SOUTH AMERICA, East Coast — Brazil, South Coast — Baía de Paranaguá Southwestwards — Marine farms

Insert symbol, marine farm 25° 47'·30S., 48° 06'·75W.
(a) 25° 53'·90S., 48° 08'·70W.

Chart [*Last correction*].— **3968** [2765/01] — **530** (a) [2765/01]
Brazilian Notice 10/77/01 (HH.656/460/02).

2948 SOUTH AMERICA, East Coast — Brazil, South Coast — Baía de Guanabara — Ilha de Villegagnon — Light

Amend light to, *Fl.6s6m5M* 22° 54'·7S., 43° 09'·5W.

Chart [*Last correction*].— **566** [2260/01]
Light List Vol. G, 2000/01, 0372
Brazilian Notice 10/76/01 (HH.656/421/02).

2949* BRAZIL, North Coast — Fortaleza Northeastwards — Submarine cables

Insert submarine cable joining:

- (a) 3° 44'·2S., 38° 27'·2W.(shore)
- (b) 3° 43'·2S., 38° 23'·6W.
- (c) 3° 40'·2S., 38° 18'·7W.
- (d) 3° 24'·8S., 38° 06'·8W.
(chart 3957, scale)
- (e) 3° 22'·0S., 38° 03'·3W.
and
- (f) (b) above
- (g) (c) above
- (h) 3° 33'·8S., 38° 06'·8W.
(scale)
- (i) 3° 33'·4S., 38° 06'·0W.
- (j) 3° 31'·1S., 38° 01'·0W.
- (k) 3° 29'·3S., 37° 58'·4W.
- (l) 3° 27'·1S., 37° 56'·0W.

Chart [*Last correction*].— **3955** (a-f,i-l) [1713/01] — **3957** (a-d,f,h) [1714/01] — **528** (b-e,g,i,l) [1713/01]
TyCom Ltd (HH.100/313/01).

2950 WEST INDIES — Cuba, North Coast — Bahia de Cardenas — Canal de los Barcos and Ensenada Punta Hicacos — Buoyage; Light-beacon; Beacon

Substitute starboard-hand pillar buoy with topmark, '16', for former '16' light-buoy, *Fl.R.6s* 23° 09'·26N., 81° 08'·33W.
port-hand pillar buoy with topmark, '17', for former '17' light-buoy, *Fl.G.5s* 23° 09'·26N., 81° 08'·29W.
starboard-hand light-beacon with topmark, *Fl.R.4s3M No 4*, for former No 4 beacon 23° 11'·68N., 81° 07'·92W.

Chart [*Last correction*].— **410** (plan, Bahia de Cardenas) [2771/01]
Light List Vol. J, 2000/01, 4881.5
Cuban Notice 5/57/01 (HH.681/420/03).

2951 WEST INDIES — Haiti, West Coast — Baie de Port-au Prince — Buoyage

Delete '1' buoy (a) 18° 33'·823N., 72° 23'·750W.
'2' buoy (b) 18° 33'·713N., 72° 23'·782W.
'3' buoy 18° 33'·492N., 72° 22'·363W.
'4' buoy 18° 33'·407N., 72° 22'·480W.
'5' buoy 18° 33'·407N., 72° 22'·177W.
'7' buoy 18° 33'·300N., 72° 21'·687W.
'6' buoy 18° 32'·718N., 72° 23'·202W.

Chart [*Last correction*].— **466** (plan, Port-au-Prince) & **466** (a,b) [*New Edition* 7/12/00]
U.S. Notice 26/26186/01 (HH.677/415/02).

2952* WEST INDIES — Virgin Islands — Saint Croix — Frederiksted — Lights

Amend light to, *Fl.4s* (a) 17° 42'·82N., 64° 53'·32W.
Delete ★ *Fl.4s4m* (b) 17° 42'·816N., 64° 53'·317W.
(c) close S. of (b) above

Chart [*Last correction*].— **485** (plan A, Frederiksted Pier) (b,c) & **485** (a) [1968/01]
Light List Vol. J, 2000/01, 5639.2, 5639.4, 5639.6
cs *Sir Eric Sharpe* & Virgin Island Port Authority (HH.671/425/02).

II

2953* WEST INDIES — Grenada — Approaches to Saint George's Harbour — Long Point Shoal Northwards — Wreck

Insert  12° 01'·69N., 61° 47'·13W.

Chart [Last correction].— 799 (plan C, Saint George's Harbour and Approaches) [1933/00] — 797 [460/97]

— 597 [1043/00]

Grenada Ports Authority (HH.671/720/02).

2954* CARIBBEAN SEA — Guatemala, East Coast — Puerto Barrios Northwards to the Gulf of Honduras — Submarine cable

Insert submarine cable joining:

(a)	15° 44'·94N., 88° 34'·79W.(shore)
(b)	15° 45'·025N., 88° 34'·860W. (E. border)
(c)	15° 45'·090N., 88° 34'·970W.
(d)	15° 45'·410N., 88° 35'·510W.
(e)	15° 45'·920N., 88° 35'·770W.
(f)	15° 46'·270N., 88° 35'·690W.
(g)	15° 46'·550N., 88° 35'·330W.
(h)	15° 46'·810N., 88° 34'·860W. (E. border)
(i)	15° 47'·05N., 88° 34'·41W.
(j)	15° 47'·95N., 88° 34'·00W.
(k)	15° 51'·65N., 88° 34'·60W.
(l)	15° 54'·47N., 88° 37'·58W.
(m)	15° 55'·57N., 88° 38'·68W.
(n)	15° 57'·23N., 88° 38'·43W.
(o)	15° 57'·65N., 88° 38'·17W.
(p)	15° 58'·04N., 88° 37'·82W.
(q)	15° 58'·33N., 88° 37'·35W.
(r)	15° 58'·54N., 88° 36'·79W.
(s)	15° 58'·60N., 88° 36'·25W.
(t)	15° 58'·58N., 88° 34'·40W.
(u)	15° 58'·68N., 88° 34'·00W.
(v)	15° 58'·68N., 88° 33'·58W. (chart 2988, E. border)
(w)	15° 58'·40N., 88° 32'·74W.
(x)	15° 58'·41N., 88° 31'·39W.
(y)	15° 57'·95N., 88° 29'·00W.
(z)	15° 56'·95N., 88° 25'·00W.
(aa)	15° 56'·73N., 88° 23'·44W.
(bb)	15° 56'·05N., 88° 21'·00W.
(cc)	15° 55'·75N., 88° 20'·29W.
(dd)	15° 54'·53N., 88° 18'·69W.
(ee)	15° 54'·17N., 88° 16'·70W.
(ff)	15° 54'·43N., 88° 15'·49W.
(gg)	15° 55'·53N., 88° 12'·43W.

Chart [Last correction].— 2988 (plan, Puerto Barrios and Santo Tomás de Castilla (b–h) & (plan, Approaches to Puerto Barrios and Santo Tomás de Castilla) (a,c–g,i–v) [1871/01] — 1573 (a,d–g,i–k,m,n,p,r–gg) [2650/01]

TyCom Ltd (HH.100/313/01).

2955 CARIBBEAN SEA — Yucatan Basin — Cayman Ridge — Misteriosa Bank — Depth

Insert depth 18m enclosed by 20m contour and extend 50m contour SW. to enclose, (charts 4401 and 4400, depth 18m enclosed by 30m contour and extend 200m contour S. to enclose)

Delete depth 33m

(a)	18° 42'·20N., 84° 04'·70W.
(b)	close N. of (a) above

Chart [Last correction].— 1218 (a) [2649/01] — 1220 (a) [2769/01] — 4401 (INT 401) [2562/01] — 4400 (INT 400) [2562/01]

Mexican Chart 030 (HH.672/430/01).

2956 GULF OF MEXICO — Mexico, East Coast — Yucatan Channel — Isla Cozumel and Cabo Catoche Northwards — Depths

Insert depth 27m enclosed by 50m contour, Rep 20° 31'·80N., 86° 38'·20W.
depth 356m enclosed by 500m contour,
(chart 4401, depth 356m)

(a)	23° 31'·70N., 86° 52'·20W.
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Chart [Last correction].— 1220 [2955/01] — 4401 (INT 401) (a) [2955/01]

Mexican Chart 030 (HH.622/400/05).

II

2957 GULF OF MEXICO — Mexico, East Coast — Tampico Northwards and Southeastwards, Tuxpan Northeastwards and Tecolutla Eastwards — Wrecks; Depths; Platforms

Insert  22° 33'·00N., 97° 37'·10W.
22° 07'·80N., 97° 41'·00W.

depth 5m enclosed by 10m contour and extend 20m contour
S. to enclose, (chart 1225, depth 24 fm enclosed by 6fm
contour) 22° 24'·30N., 97° 46'·80W.

depth 56m enclosed by 100m and 200m contours,
(chart 1225, depth 30fm enclosed by 100fm contour),
(charts 4401 and 4400, depth 56m enclosed by
200m contour) (a) 21° 15'·70N., 96° 48'·40W.
20° 32'·20N., 96° 53'·50W.
20° 28'·00N., 96° 46'·00W.

□ (lighted)

Chart [*Last correction*].— **376** [2554/01] — **1225** [2769/01] — **4401** (INT 401) (a) [2956/01] — **4400** (INT 400) (a) [2955/01]
Mexican Chart 030 (HH.622/420/03).

2958 GULF OF MEXICO — Texas — Port Aransas Northwards — Harbor Island — Light

Amend light to, *Iso.2s65ft* 27° 50'·76N., 97° 03'·70W.

Chart [*Last correction*].— **3184** (panel A) [2408/01]
Light List Vol. J, 2000/01, 4213
U.S. Notice 26/11309/01 (HH.615/405/05).

2959 GULF OF MEXICO — Louisiana — South-Eastern Approaches to Calcasieu Pass — Well

Insert  Well, least depth 72ft, (chart 3850,  Well,
least depth 12fm) 28° 56'·8N., 92° 45'·1W.

Chart [*Last correction*].— **3854** [2854/01] — **3850** [2854/01]
U.S. Notice 27/11340/01 (HH.616/181/01).

2960 GULF OF MEXICO — Louisiana — Ship Shoal Southeastwards — Well

Insert  Well, least depth 32fm 28° 17'·1N., 90° 29'·7W.

Chart [*Last correction*].— **3850** [2959/01] — **3851** [1873/01]
U.S. Notice 27/11340/01 (HH.616/181/01).

2961 GULF OF MEXICO — Louisiana — Pass a Loutre Northeastwards — Fish haven

Insert  (20) 29° 16'·90N., 88° 48'·53W.

Chart [*Last correction*].— **3857** [417/01] — **3858** [2162/01] — **3851** [2960/01]
U.S. Notice 27/11361/01 (HH.616/181/01).

2962 NORTH AMERICA, East Coast — South Carolina — Charleston Harbor — Cooper River — Mount Pleasant Range, Custom House Reach and Lower Basin — Dredged depths; Wreck

Amend dredged depth to, *40 feet (2000)* 32° 47'·55N., 79° 55'·25W.
dredged depth to, *32 ft (2000)* 32° 49'·76N., 79° 56'·21W.
dredged depth to, *33 ft (2000)* 32° 49'·76N., 79° 56'·52W.

Delete  Wk least depth 41ft (a) 32° 44'·51N., 79° 50'·90W.

Chart [*Last correction*].— **2809** [2271/01] — **2806** (a) [2270/01]
U.S. Notice 27/11524/01 (HH.614/615/05).

II

2963(T)/01 BRITISH ISLES — Oceanographic buoys and moorings established temporarily

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

<i>Latitude</i>	<i>Longitude</i>	<i>Type</i>	<i>Light</i>	<i>Chart</i>
51°05'·99N	001°38'·21E	Y. Spherical	Fl.Y.10s	323
51°31'·5N	001°01'·9E	Y. Toroidal	Fl.Y.	1607
52°00'·0N	002°20'·0E	Y. Toroidal	Fl.Y.	1543
52°16'·53N	006°15'·63W	Y. Spherical	Fl(5)Y.20s	1787
52°33'·85N	002°04'·70E	Y. Spherical	Fl(5)Y.20s	1543
52°58'·69N	010°37'·46W	Y. Toroidal	Fl(5)Y.20s	2173
53°37'·1N	002°11'·2E	Y. Toroidal	Fl.Y.	1187
53°45'·0N	005°00'·0W	Y. Spherical	Fl.Y.10s	1411
53°47'·18N	004°40'·44W	Y. Toroidal	Fl(5)Y.20s	1411
54°22'·9N	002°07'·4E	Y. Toroidal	Fl(5)Y.20s	266
54°42'·9N	005°45'·9W	Y. Can	Fl.6s	2198
56°14'·8N	001°59'·4W	Y. Spar	Fl(5)Y.20s	1407
56°14'·9N	001°15'·2W	Y. Spar	Fl(5)Y.20s	1407
56°59'·9N	001°44'·8W	Y. Spar	Fl(5)Y.20s	1409
60°20'·90N	001°01'·32W	Y. Conical	Unlit	3282
60°20'·90N	000°48'·53W	Y. Spar	Fl(5)Y.20s	3282

- Former Notice 2434(T)/01 is cancelled.
UK Hydrographic Office (HH.111/003/01).

2964(T)/01 BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Kokkola and Approaches — Restricted area

Until further notice a restricted area, anchoring prohibited, has been established E. of the recommended track, bound by the following positions:

63° 53'·54N., 22° 59'·80E. (light-buoy)
63° 53'·01N., 23° 00'·41E.
63° 51'·98N., 23° 01'·29E.
63° 52'·26N., 23° 00'·79E. (light-buoy)

Chart affected — 3062

Finnish Notice 34–35/801/01 (HH.321/530/01).

2965(P)/01 BALTIC SEA — Russia — Kaliningradskiy Morskoy Kanal — Buoyage

- The designation of buoyage along the Kaliningradskiy Morskoy Kanal has been amended as follows:

Former No 14 light-buoy changed to, *No 12*
Former No 18 light-buoy changed to, *No 14*
Former No 20 light-buoy changed to, *No 16*
Former No 30 light-buoy changed to, *No 20*
Former No 32 light-buoy changed to, *No 22*
Former No 36 light-buoy changed to, *No 24*
Former No 40 light-buoy changed to, *No 26*
Former No 42 light-buoy changed to, *No 28*
Former No 44 light-buoy changed to, *No 30*
Former No 46 light-buoy changed to, *No 32*
Former No 48 light-buoy changed to, *No 34*
Former No 50 light-buoy changed to, *No 36*
Former No 66 light-buoy changed to, *No 40*
Former No 68 buoy changed to, *No 42*
Former No 70 light-buoy changed to, *No 44*
Former No 76 buoy changed to, *No 46*
Former No 3 light-buoy changed to, *No 9*
Former No 23 light-buoy changed to, *No 17*
Former No 25 light-buoy changed to, *No 19*
Former No 35 light-buoy changed to, *No 23*
Former No 39 light-buoy changed to, *No 25*
Former No 41 light-buoy changed to, *No 27*
Former No 43 light-buoy changed to, *No 29*
Former No 47 light-buoy changed to, *No 31*
Former No 61 light-buoy changed to, *No 43*
Former No 7 light-buoy changed to, *No 11*
Former No 49 buoy changed to, *No 37*

- These amendments will be included in the next New Edition of Chart 2278.

Chart affected — 2278

Russian Notices 22/3147–3151/01 (HH.304/410/04).

II

2966(P)/01 AFRICA, West Coast — Ghana — Port of Tema — Port developments; Depths; Buoyage

1. Mariners are advised that port construction and major dredging works are complete or in progress in the Port of Tema as follows:
 - a. A 125m wide 12.5m deep access channel is complete.
 - b. A circular turning basin, radius 225m, 11.5m deep is complete.
 - c. A foundation trench for proposed quay wall extension at berths 2 and 4 is complete.
 - d. Work is ongoing to extend berths 2 and 4.
 - e. After quay reinforcement is complete at berths 1 and 2 they will be dredged to give an alongside depth of 11.5m.
 - f. Dredging will be carried out at berth 4 to give an alongside depth of 10.0m.
 - g. The buoys in positions 5° 37'·23N., 0° 00'·60E. and 5° 37'·30N., 0° 00'·69E. have been permanently removed.
2. These and other changes will be incorporated in the next New Edition of Chart 1380 to be published, when details of completion are received.
3. Former Notice 2570(P)/01 is cancelled.

Chart affected — 1380

Ghana Ports and Harbours Authority (HH.429/410/03).

2967(T)/01 JAPAN — Tōkyō Wan — Katsunan Ko — Depth

A shoal depth of 5.4 m has been reported in position 35° 40'·23N., 139° 57'·10E.

Chart affected — 3105

Japanese Notice 24/914/01 (HH.563/435/04).

2968(T)/01 SOUTH PACIFIC OCEAN — Fiji Islands — Fish aggregating devices

1. Fish Aggregating Devices have been established in the approximate positions as follows:

Approximate position	Largest scale chart
16° 38'·50S., 179° 36'·75E.	440
16° 52'·39S., 179° 10'·45E.	378
16° 54'·89S., 177° 16'·84E.	2691
16° 56'·88S., 179° 19'·83E.	378
17° 09'·83S., 176° 56'·88E.	2691
17° 13'·94S., 177° 02'·70E.	2691
17° 14'·25S., 177° 55'·07E.	387
17° 27'·22S., 178° 48'·61E.	744
17° 31'·89S., 178° 57'·38E.	744
17° 31'·91S., 178° 45'·22E.	744
17° 33'·97S., 178° 43'·23E.	488
17° 36'·57S., 178° 53'·11E.	488
17° 41'·50S., 176° 57'·20E.	2691
17° 42'·75S., 178° 53'·61E.	488
18° 16'·60S., 178° 29'·30E.	1674
18° 17'·50S., 178° 19'·70E.	1673
18° 14'·80S., 178° 34'·80E.	1674
18° 20'·00S., 178° 13'·30E.	1682/1673
18° 26'·60S., 178° 11'·00E.	1682/1673
18° 29'·22S., 177° 47'·33E.	746
2. These devices will be in place until further notice. Mariners are advised to keep a good look-out.
3. Former Notice 774(T)/01 is cancelled.

Charts affected — 378 — 381 — 382 — 387 — 440 — 441 — 744 — 745 — 746 — 1673 — 1674 — 1682 — 2691

Fiji Islands Maritime Safety Administration (HH.586/210/01).

2969(T)/01 CARIBBEAN SEA — Venezuela — Approaches to Lago de Maracaibo — Depths; Buoyage; Beacons; Pontoons

1. Charts 1517 and 1519 currently show that the main channel depth is projected to be 42 feet but is subject to change.
2. The UK Hydrographic Office has been aware of reports concerning vessel groundings in the Canal Exterior, in the area between buoy B21 (approximate position 11° 02'·6N., 71° 35'·2W.) and buoy B27 (approximate position 10° 59'·5N., 71° 35'·7W.). Vessels transiting the area in May and June 2001 have reported a depth of approximately 32 feet in position 11° 02'·8N., 71° 35'·3W., and shoaling in the vicinity of beacon E34 (approximate position 10° 57'·8N., 71° 36'·1W.).
3. Light-buoys and beacons marking the channel may be unreliable, either temporarily unlit or missing. It has also been reported that a dredger pipeline on floating pontoons, apparently abandoned and unmarked, exists in position 10° 54'·50N., 71° 36'·70W.
4. Maximum permitted draughts and local traffic control measures for vessels entering and leaving Lago de Maracaibo are subject to review and change. Mariners are therefore advised to exercise caution in this area and seek to obtain the most up to date local information on all aspects of regulations, channel conditions and navigational aids.
5. Former Notice 2668(T)/01 is cancelled.

Charts affected — 1517 — 1519

UK Hydrographic Office (HH.668/515/02).

II

2970(P)/01 WEST INDIES — Old Providence Island — Catalina Harbour — Leading line; Depths

1. The latest Colombian chart shows Fairway Hill being in position 13° 21'50.5"N., 81° 21'49"W. and not as indicated on the main sheet, plan of Catalina Harbour and view A of chart 1334. The buoyed channel should be used for the approach from the NW. to Catalina rather than the leading line indicated by view A.
2. There is a depth of 15 feet within the buoyed channel in position 13° 23'22"N., 81° 22'56"W.
3. Other depths less than charted on the plan of Catalina Harbour are in the following positions:

	Position
13ft	13° 23'37"N., 81° 22'40"W
9ft	13° 23'43.5"N., 81° 21'54"W
14ft	13° 23'48.5"N., 81° 21'50"W
6ft	13° 22'04"N., 81° 23'17"W
6ft	13° 21'58"N., 81° 23'38.5"W
Rock with least depth 6ft	13° 22'10"N., 81° 23'30.5"W
4. Mariners should use Chart 1334 with caution and seek to obtain the most up to date local information.

Chart affected — 1334

Colombian Chart 218 (HH.672/420/02).

IIA

*This section contains chart-correcting notices issued by the Chief Topographer/Hydrographer, Land Information New Zealand for the Week(s) indicated below. Mariners are advised that only a selection of these notices have been included in the BA notices in the preceding section. Mariners requiring copies of Blocks or Notes not reproduced should apply to 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 WEEKLY EDITION 17 8 June 2001

NZ 135/01 SOUTH PACIFIC – Polynésie Française – Îsles Australes – Îsles Rapa & Marotiri – Depths.

Chart NZ 14061 (INT 61) [124/01]

Insert	depth 30m, enclosed by a contour	(a)	27° 26·0S., 144° 01·0W.
Delete	depth 26m enclosed by ○		close E. of (a) above
	depth 36m enclosed by ○		27° 43·0S., 143° 18·0W.
	○		27° 54·0S., 143° 40·0W.

Chart NZ 14606 (INT 606) [51/01]

Insert	depth 30m, enclosed by a contour	(a)	27° 26·0S., 144° 01·0W.
Delete	depths 26m and 51m enclosed by 100m contour		close E. of (a) above
	depth 36m, enclosed by ○		27° 43·0S., 143° 18·0W.
	depth 60m, enclosed by ○		27° 52·0S., 143° 38·0W.

Chart NZ 14607 (INT 607) [124/01]

Insert	depth 30m, enclosed by a contour	(a)	27° 26·0S., 144° 01·0W.
Delete	depths 26m and 51m enclosed by 100m contour		close E. of (a) above
	depth 36m enclosed by ○		27° 43·0S., 143° 18·0W.
	depth 60m enclosed by ○		27° 52·0S., 143° 38·0W.

Chart NZ 14613 [154/00]

Insert	depth 30m, enclosed by a contour	(a)	27° 26·0S., 144° 01·0W.
Delete	depth 25m enclosed by 100m contour		close N. of (a) above
French Notice	01-14- 42		

IIA

NEW ZEALAND WEEKLY EDITION 18 22 June 2001

NZ 142/01 NEW ZEALAND – North Island – East Coast – Whangarei Harbour – Leading Lights.

Chart NZ 5213 (Plan, Whangarei Harbour) [373/00]

Amend	light to, 2 F.G (vert)	(a)	35° 48'·16S., 174° 20'·78E.
Delete	★ F.G	(b)	35° 48'·10S., 174° 20'·83E.
	associated leading line and legend, Ldg Lts 209° 21'		extending in a 029° 21'
			direction from (a) and (b) above

Northland Regional Council
NI 111/2001

NZ 143/01 NEW ZEALAND – North Island – East Coast – Auckland Harbour – Light Discontinued.

Chart NZ 5322 [122/01]

Delete	★ F.R.5m	36° 50'·73S., 174° 49'·67E.
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Ports of Auckland Ltd.

NI 109/2001

NZ 144/01 AUSTRALIA - CORAL SEA - Fraser Seamount - Depth

Chart NZ 14060 (INT 60) [51/01]

Substitute	depth 335m for depth 344m	24° 26'·8S., 155° 18'·1E.
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Chart NZ 14602 (INT 602) [86/01]

Insert	depth 335m and extend 1000m contour E. to enclose	24° 26'·8S., 155° 18'·1E.
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Delete	depth 344m	24° 26'·0S., 155° 16'·0E.
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Aus Notice 308/01

To accompany Notice to Mariners 2901/01

On Chart 677

SATELLITE-DERIVED POSITIONS
Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions must be adjusted by 0.07 minutes NORTHWARD and 0.01 minutes EASTWARD before plotting on this chart.
Example:
Satellite-Derived Position
(WGS 84 Datum) 16° 30' 00S., 50° 00' 00E
lat/long adjustments 0' 07N 0' 01E
Adjusted Position 16° 29' 93S., 50° 00' 01E
(compatible with chart datum)

On Chart 678

SATELLITE-DERIVED POSITIONS
Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions must be adjusted by 0.08 minutes NORTHWARD and 0.01 minutes EASTWARD before plotting on this chart.
Example:
Satellite-Derived Position
(WGS 84 Datum) 17° 45' 00S., 49° 45' 00E
lat/long adjustments 0' 08N 0' 01E
Adjusted Position 17° 44' 92S., 49° 45' 01E
(compatible with chart datum)

On Chart 679

SATELLITE-DERIVED POSITIONS
Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Positions on the plans of Baie de Tintingue, Mananara, Antanambe and Maroantsetra must be adjusted by 0.07 minutes NORTHWARD and 0.01 minutes EASTWARD before plotting on these plans.
Example:
Satellite-Derived Position
(WGS 84 Datum) 15° 28' 00S., 49° 44' 00E
lat/long adjustments 0' 07N 0' 01E
Adjusted Position 15° 27' 93S., 49° 44' 01E
(compatible with chart datum)

The differences between satellite-derived positions and positions on all plans other than Baie de Tintingue, Mananara, Antanambe and Maroantsetra cannot be determined; mariners are warned that these differences MAY BE SIGNIFICANT TO NAVIGATION and are therefore advised to use alternative sources of positional information, particularly when closing the shore or navigating in the vicinity of dangers.

To accompany Notice to Mariners 2901/01 (continued)

On Chart 680

CAUTION: SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. The differences between satellite-derived positions and positions on this chart cannot be determined for all plans other than Fort Dauphin, Fénériver, Foulpointe and Ste. Luce; mariners are warned that these differences MAY BE SIGNIFICANT TO NAVIGATION and are therefore advised to use alternative sources of positional information, particularly when closing the shore or navigating in the vicinity of dangers.

On Chart 680 (plan, Fort Dauphin)

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions must be adjusted by 0.08 minutes NORTHWARD and 0.02 minutes EASTWARD before plotting on this chart.

Example:

Satellite-Derived Position

(WGS 84 Datum) 25° 00' .50S., 47° 01' .00E

lat/long adjustments 0' .08N 0' .02E

Adjusted Position 25° 00' .42S., 47° 01' .02E

(compatible with chart datum)

On Chart 680 (plan, Fénériver)

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions must be adjusted by 0.08 minutes NORTHWARD and 0.01 minutes EASTWARD before plotting on this chart.

Example:

Satellite-Derived Position

(WGS 84 Datum) 17° 22' .00S., 49° 26' .00E

lat/long adjustments 0' .08N 0' .01E

Adjusted Position 17° 21' .92S., 49° 26' .01E

(compatible with chart datum)

On Chart 688

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions must be adjusted by 0.08 minutes NORTHWARD and 0.01 minutes EASTWARD before plotting on this chart.

Example:

Satellite-Derived Position

(WGS 84 Datum) 18° 07' .75S., 49° 25' .55E

lat/long adjustments 0' .08N 0' .01E

Adjusted Position 18° 07' .67S., 49° 25' .56E

(compatible with chart datum)

To accompany Notice to Mariners 2901/01 (continued)

On Chart 1064

SATELLITE-DERIVED POSITIONS
Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions must be adjusted by 0·10 minutes NORTHWARD and 0·01 minutes EASTWARD before plotting on this chart.
Example:
Satellite-Derived Position
(WGS 84 Datum) 12° 15'·50S., 49° 17'·70E
lat/long adjustments 0'·10N 0'·01E
Adjusted Position 12° 15'·40S., 49° 17'·71E
(compatible with chart datum)

On Chart 2461

SATELLITE-DERIVED POSITIONS
Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Positions on the plan of Mouillage de Morombé must be adjusted by 0·08 minutes NORTHWARD and 0·02 minutes EASTWARD before plotting on this plan.
Example:
Satellite-Derived Position
(WGS 84 Datum) 21° 42'·00S., 43° 18'·00E
lat/long adjustments 0'·08N 0'·02E
Adjusted Position 21° 41'·92S., 43° 18'·02E
(compatible with chart datum)

The differences between satellite-derived positions and positions on all plans other than Mouillage de Morombé cannot be determined; mariners are warned that these differences MAY BE SIGNIFICANT TO NAVIGATION and are therefore advised to use alternative sources of positional information, particularly when closing the shore or navigating in the vicinity of dangers.

On Chart 3855 (plan, Morondava)

SATELLITE-DERIVED POSITIONS
Positions obtained from satellite navigation systems, such as the Global Positioning System (GPS), are normally referred to the World Geodetic System 1984 Datum. Such positions must be adjusted by 0·08 minutes NORTHWARD and 0·02 minutes EASTWARD before plotting on this chart.
Example:
Satellite-Derived Position
(WGS 84 Datum) 20° 17'·00S., 44° 15'·00E
lat/long adjustments 0'·08N 0'·02E
Adjusted Position 20° 16'·92S., 44° 15'·02E
(compatible with chart datum)

To accompany Notice to Mariners 2971/01

On Chart 3264

CHARTS 3221 and 3635: POSITIONS
To agree with larger scale chart 3221 and smaller scale chart 3635 which are referred to European Datum (1950), positions read from chart 3264 should be moved 0·17 minutes NORTHWARD and 0·01 minutes EASTWARD.

On Chart 3276

CHART 3636: POSITIONS
To agree with smaller scale chart 3636 which is referred to European Datum (1950), positions read from chart 3276 should be moved 0·17 minutes NORTHWARD and 0·01 minutes EASTWARD.

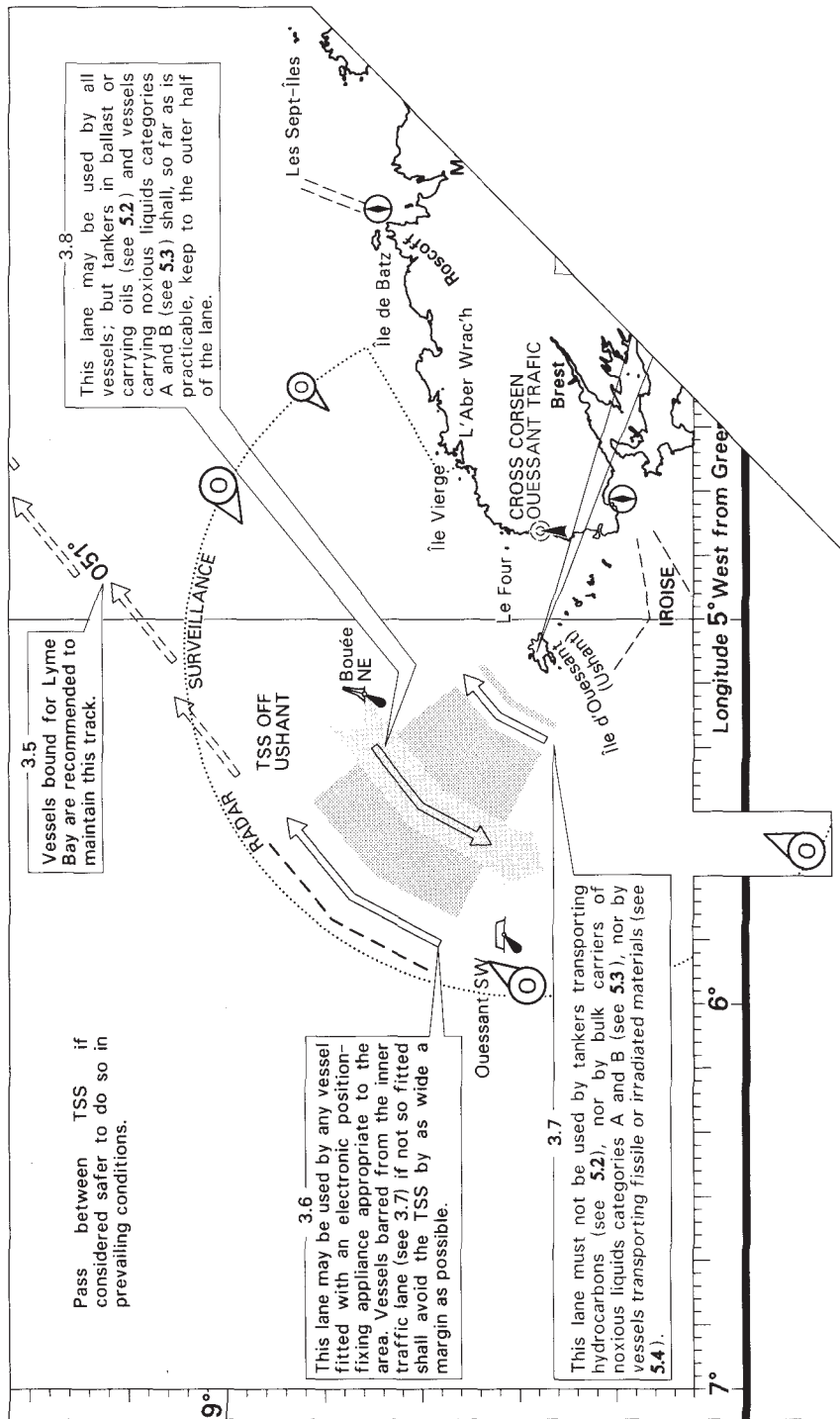
On Chart 3635

CHART 3264: POSITIONS
To agree with larger scale chart 3264 which is referred to Lisboa Datum, positions read from chart 3635 should be moved 0·17 minutes SOUTHWARD and 0·01 minutes WESTWARD.

On Chart 3636

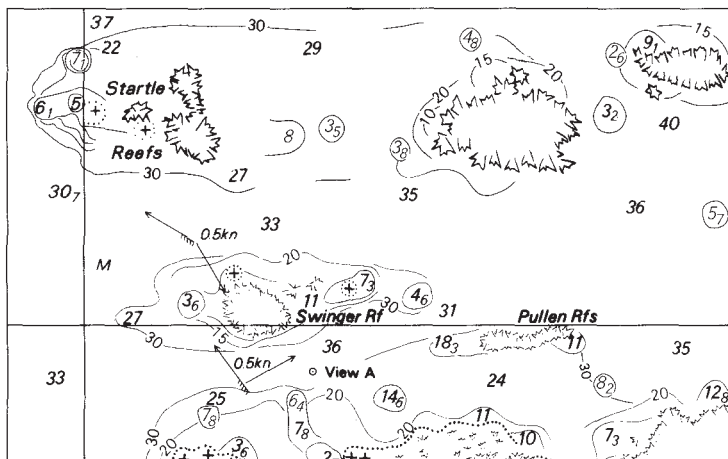
CHARTS 89 and 3276: POSITIONS
To agree with adjoining chart 89 and larger scale chart 3276 which are referred to Lisboa Datum, positions read from chart 3636 should be moved 0·17 minutes SOUTHWARD and 0·01 minutes WESTWARD.

To accompany Admiralty Notice to Mariners No 2860 of 2001



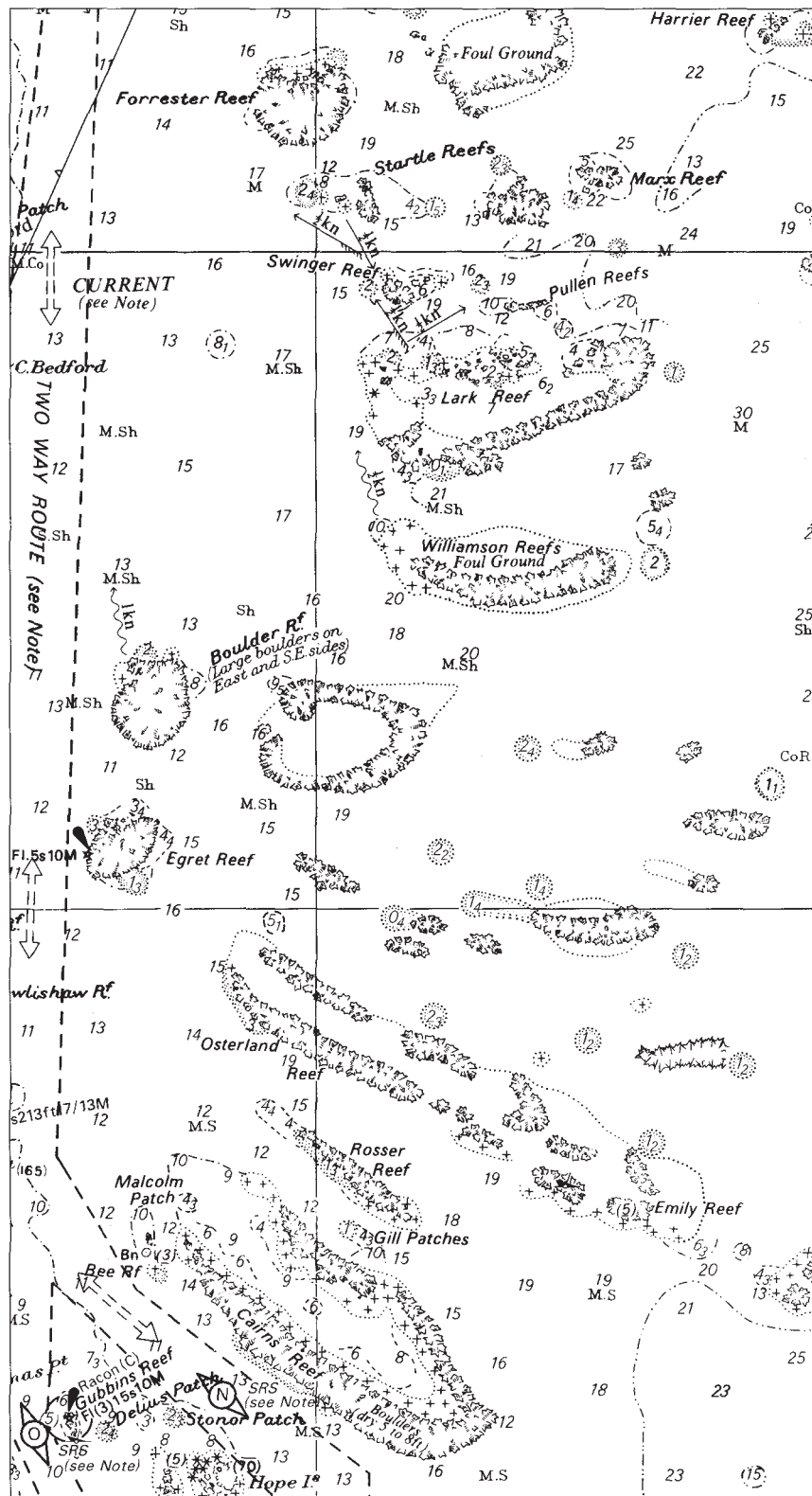
Block for Chart No 5500

To accompany Admiralty Notice to Mariners No 2861 of 2001



Block for Chart No AUS 831

To accompany Admiralty Notice to Mariners No 2861 of 2001



Block for Chart No AUS 373

The map shows a section of the Great Barrier Reef. Key features include:

- Reefs and Patches:** Boulders, Egret Rf, Osterland Reef, Rosser Reef, Gill Patches, Malcolm Patch, Bee Rf, TWO Patch, Stonor Patch, and a large reef area labeled 'Many large boulders of 1.5 to 5 m'.
- Depth Contours:** Various numerical values indicating depth, such as 20, 22, 25, 30, 33, 35, 36, 37, 39, 40, 45, 46, 49, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 210, 215, 220, 225, 230, 235, 240, 245, 250, 255, 260, 265, 270, 275, 280, 285, 290, 295, 300, 305, 310, 315, 320, 325, 330, 335, 340, 345, 350, 355, 360, 365, 370, 375, 380, 385, 390, 395, 400, 405, 410, 415, 420, 425, 430, 435, 440, 445, 450, 455, 460, 465, 470, 475, 480, 485, 490, 495, 500, 505, 510, 515, 520, 525, 530, 535, 540, 545, 550, 555, 560, 565, 570, 575, 580, 585, 590, 595, 600, 605, 610, 615, 620, 625, 630, 635, 640, 645, 650, 655, 660, 665, 670, 675, 680, 685, 690, 695, 700, 705, 710, 715, 720, 725, 730, 735, 740, 745, 750, 755, 760, 765, 770, 775, 780, 785, 790, 795, 800, 805, 810, 815, 820, 825, 830, 835, 840, 845, 850, 855, 860, 865, 870, 875, 880, 885, 890, 895, 900, 905, 910, 915, 920, 925, 930, 935, 940, 945, 950, 955, 960, 965, 970, 975, 980, 985, 990, 995, 1000.
- Geographical Features:** Egret Rf, Osterland Reef, Rosser Reef, Gill Patches, Malcolm Patch, Bee Rf, TWO Patch, Stonor Patch, and a large reef area labeled 'Many large boulders of 1.5 to 5 m'.
- Map Elements:** A compass rose indicating North (N), a scale bar, and a grid system.

Block for Chart No AUS 831



III

NAVIGATIONAL WARNINGS

See N.M. 13/01. Messages printed below are all in force on 10 July 2001. It is recommended that this reprint should be kept in a file or book divided into areas, followed by subsequent weekly reprints. Only the most convenient Admiralty Chart is quoted. For those series originated by other authorities only selected important warnings are reproduced.

(1) Navarea I (NE Atlantic) 29th Week 19/7/01.

NAVAREA I warnings in force 10/7/01: 2000 series: 082 114 189 397 419 473 533.

2001 series: 062 072 088 099 101 114 116 144 151 152 170 177 178 179 181 212 220 222 230 239 251 252 258 266 268 269 271 272 274 275 276 277 278 279.

266 BALTIC SEA. Kattegat, Northern part. Chart BA 2107. Route T lightbuoy No 1 moved 1.4 Miles Northwest to 57°48'1N 010°44'0E. Buoy now fitted with Racon Mo(T). Buoy marks start of Route T.

267 Cancelled.

268 ENGLAND, South Coast. Penzance Bay. Chart BA 2345. Gear Rock beacon changed to Lightbeacon Fl(2)10s.

269 ENGLAND, East Coast. Scarborough, Eastward. Chart BA 129. Floating nets and buoys fouled on charted Wreck 54°19'6N 000°15'8E.

270 Cancelled.

271 ENGLAND, East Coast. The Wash. Kings Lynn Approaches. Chart BA 1200. Teetotal Channel 52°53'N 000°18'E redesignated Bulldog channel; numerous buoyage changes completed. Contact Kings Lynn Harbour Authority on VHF 14 or phone +44 (0)1553 773411 for full details.

272 ENGLISH CHANNEL. Off Casquets TSS, Northeast bound lane. Chart BA 2669. North, South, East and West cardinal lightbuoys marking Wreck in 49°52'N 002°24'W permanently discontinued.

273 Cancelled.

274 ENGLAND, East Coast. Chart BA 1543. Southwold Light (A2272) 52°20'N 001°41'E sectors changed to: Red 204° to 215°, White 215° to 001°, Red 001° to 032.5°.

275 SOUTHERN NORTH SEA. Vicinity of Deep Water Route via DR1 lightbuoy. Chart BA 1408.
1. Seismic survey in progress by M/V *Geco Diamond* towing 8 x 3300 metre cables in area bounded by 52°59'N, 53°25'N, 002°30'E and 003°11'E.
2. *Shell 17* West Cardinal buoy 53°14'N 002°49'E temporarily removed from station.

276 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 101000z Jul 01.

53°23'2N	002°09'0E	Ensco 92
53°25'2N	003°49'5E	Noble Piet Van Ede
53°38'9N	000°58'1E	Santa Fe Monarch
53°50'0N	004°10'6E	Noble Al White
54°09'3N	003°59'3E	Glomar Adriatic 11

NEW 54°40'4N 004°23'4E Ensco 100

NOTES:

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

2. Cancel 262/01.

III

277 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 101000z Jul 01.

	55°31'·8N	005°00'·4E	Maersk Endeavour
	56°10'·8N	004°05'·0E	Noble Kolskaya
	56°14'·6N	003°58'·0E	Ensco 70
	56°23'·7N	002°15'·3E	Borgny Dolphin
	56°29'·3N	004°59'·6E	Noble George Sauvageau
	56°51'·0N	002°15'·3E	Galaxy 1
	56°54'·5N	001°13'·2E	J. W. McLean
	57°04'·9N	002°05'·2E	Sedco 714
	57°14'·0N	001°37'·3E	Santa Fe 140
NEW	57°30'·8N	000°20'·4E	Ocean Nomad
NEW	Stavanger, Norway		Maersk Jutlander
	57°59'·3N	000°06'·0W	Ocean Princess
	58°10'·6N	001°22'·6W	Santa Fe 135
	58°12'·5N	000°18'·5E	Glomar Arctic 4
	58°18'·1N	001°42'·4W	Sedco 704
	58°19'·4N	000°41'·8E	Drill Star
	59°10'·6N	001°37'·2E	Paul B. Loyd Jnr
	59°10'·7N	002°22'·8E	Deepsea Bergen
	59°18'·8N	001°33'·5E	Bredford Dolphin
	59°26'·0N	001°40'·9E	Glomar Arctic 3
	59°32'·5N	001°39'·5E	Borgsten Dolphin
	59°34'·9N	001°39'·3E	Stena Spey
	59°42'·4N	002°18'·6E	Scarabeo 6
	59°42'·5N	002°40'·0E	West Epsilon

NOTES:

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

2. Cancel 263/01.

278 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 101000z Jul 01.

NEW	Haugesund, Norway		Deepsea Delta
	60°18'·0N	004°09'·9W	Stena Dee
	60°18'·7N	004°20'·3W	Jack Bates
	60°20'·6N	004°14'·7W	Transocean Leader
	60°28'·0N	001°45'·6E	Transocean John Shaw
	60°31'·8N	004°11'·5W	West Navion
	60°48'·5N	003°33'·3E	Polar Pioneer
NEW	60°48'·5N	003°35'·7E	West Venture
	60°51'·4N	002°39'·0E	Maersk Gallant
NEW	60°55'·9N	003°39'·9E	West Vanguard
	61°02'·0N	001°07'·8E	Sedco 712
NEW	61°03'·3N	002°04'·4E	Transocean Wildcat
NEW	61°03'·5N	002°02'·3E	Deepsea Trym
	61°18'·6N	001°02'·5E	Ocean Guardian
	61°23'·9N	002°04'·1E	Bideford Dolphin
	61°31'·6N	002°12'·7E	West Alpha
NEW	63°18'·0N	005°59'·2E	Transocean Arctic
	64°20'·5N	007°43'·4E	Byford Dolphin
NEW	64°58'·6N	007°37'·6E	Transocean Winner
	65°00'·9N	006°56'·8E	Transocean Searcher
	65°10'·1N	006°28'·1E	Scarabeo 5
	65°17'·2N	007°18'·2E	Transocean Prospect
	66°04'·5N	008°14'·4E	Borgland Dolphin

NOTES:

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

2. Cancel 264/01.

III

279 RIGLIST. South and West Coasts of the British Isles. Correct at 101000z Jul 01.

	49°51'·1N	010°22'·6W	Noble Ton Van Langeveld
	53°36'·1N	003°25'·1W	Santa Fe Monitor
	54°19'·2N	011°04'·2W	Sedco 711
NEW	60°30'·8N	005°11'·1W	Sovereign Explorer

NOTES:

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

2. Cancel 265/01.

Cancel 202/01. ANM 2200/01 refers.

Cancel 203/01. ANM 2102/01 refers.

(2) Navarea II (E Atlantic) 29th Week 19/7/01.

Edited Navarea II warnings in force 10/7/01: NIL.

262 to 264 received.

(3) Navarea III (Mediterranean) 29th Week 19/7/01.

Edited Navarea III warnings in force 10/7/01: NIL.

320 to 330 received.

(4) Navarea IV (NW Atlantic) 29th Week 19/7/01.

Edited Navarea IV warnings in force 10/7/01: NIL.

236 to 253 received.

(5) Navarea V (W Atlantic) 29th Week 19/7/01.

Edited Navarea V warnings in force 10/7/01: 923/97, 568/98, 055/01, 582/01.

Nil received.

(6) Navarea VI (SW Atlantic) 29th Week 19/7/01.

Edited Navarea VI warnings in force 10/7/01: 101/01.

Nil received.

(7) Navarea VII (SE Atlantic) 29th Week 19/7/01.

Edited Navarea VII warnings in force 10/7/01: NIL

081 and 082 received.

(8) Navarea VIII (Indian Ocean) 29th Week 19/7/01.

Edited Navarea VIII warnings in force 10/7/01: 388/00, 268/01.

391 to 406 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 29th Week 19/7/01.

Edited Navarea IX warnings in force 10/7/01: 093/01.

127 and 129 to 138 received, 126 and 128 missing.

(10) Navarea X (Australia, New Guinea) 29th Week 19/7/01.

Edited Navarea X warnings in force 10/7/01: 020/00.

Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 29th Week 19/7/01.

Edited Navarea XI warnings in force 10/7/01: NIL.

322 to 338 received.

III

(12) Navarea XII (NE Pacific) 29th Week 19/7/01.

Edited Navarea XII warnings in force 10/7/01: 415/00.
172 to 178 received.

(13) Navarea XIII (NW Pacific) 29th Week 19/7/01.

Edited Navarea XIII warnings in force 10/7/01: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 29th Week 19/7/01.

Edited Navarea XIV warnings in force 10/7/01: 091/01, 127/01.
127 to 129 received.

127 SOUTH PACIFIC OCEAN. Fiji, Northwestward. Chart BA 4633. Shoal depth 10_m reported
15°57'·2S 175°38'·8E.

(15) Navarea XV (SE Pacific) 29th Week 19/7/01.

Edited Navarea XV warnings in force 10/7/01: 027/01.
027 received.

027 CHILE. Estrecho de Magallanes. Punta Arenas. Chart BA 1694.
Muelle Prat Light (G1436) 53°10'·2S 70°54'·3W changed to Fl.10s12m20M.

(16) Navarea XVI (E Pacific) 29th Week 19/7/01.

Edited Navarea XVI warnings in force 10/7/01: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 29th Week 19/7/01.

Edited Hydropacs in force 10/7/01: 1272/99, 725/01, 982/01.
1028 to 1079 received.

Cancel 574/01. ANM 2216/01 refers.

Cancel 965/01. Navarea XIV 091/01 refers.

(18) Hydrolants (Atlantic, Mediterranean) 29th Week 19/7/01.

Edited Hydrolants in force 10/7/01: 1516/94, 2002/98, 1581/00, 1282/01, 1786/01.
1882 to 1941 received.

Cancel 1211/99, 1353/99, 1369/99, 1641/99, 094/00, 480/00, 963/00, 995/00, 1047/00, 1320/00, 1364/00.

Cancel 561/00. Wreck non-dangerous.

Cancel 470/01. Wreck non-dangerous.

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 24 Black Sea Pilot (2000 Edition)

Port P'ot'i, North-west approach route —
Directions

128

Paragraph 3.332 *Replace by:*

3.332

- 1 **Initial position:** 42°16'·3N, 41°21'·7E.

The recommended route PN, shown on the chart, leads 117° to a position 7 cables NW of the head of Zapadny Mol, passing (with positions from Potiyskiy Light):

- 2 SW of the mouths of the Reka Rioni (4 miles NNW). The mouths of the river are obstructed by a shallow bar and several islets. A coastal bank, with depths of less than 20 m, extends 1½ miles to seaward. Thence:

- 3 SW of anchorage area No 200 (4 miles NW), and:
NW of anchorage area No 300 (3 miles WNW), thence:

To the vicinity of the light-buoy (safe water) (42°10'·0N, 41°38'·3E) at the seaward end of the approach channel.

- 4 **Caution:** Vessels are advised to adhere closely to the recommended route when approaching the harbour as the current sets N and depths diminish towards the land. The shoals near the N mouth of Reka Rioni are reported (2001) to be extending W.

Paragraph 3.333 *1 lines 1-7, Replace by:*

- 1 **Initial position:** Vicinity of the light-buoy (safe water) (42°10'·0N, 41°38'·3E) located 5 cables NW of the head of Zapadny Mol.

Leading light-beacons:

Front light-beacon (white square metal framework tower, white rectangular daymark with red stripe) (42°09'·6N, 41°39'·0E) located at the head of Novvy Severnyy Mol.

Rear light-beacon (square framework tower with gallery, white rectangular daymark with red stripe) (1½ cables SE of front light-beacon).

The alignment (129°) of these light-beacons leads along the first leg of the channel, dredged to 10·5 m (2000) and 100 m in width, passing between a pair of light-buoys (lateral), and close NE of a spar buoy (starboard hand) located ½ cable E of the head of Zapadny Mol.

Second leg. The alignment (159°) of a light-beacon (orange rectangle, black stripe; 15 m in height) (42°09'·0N, 41°39'·2E) and...

United Kingdom Hydrographic Office
(HH. 399/480/01)

[29/01]

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

Ibiza and Formentera — Marine Reserve;
Artificial reefs

100

L 6 *Replace by:**Charts 1702, 1703*

L 38 Including existing Supplement amendment, *Replace by:*

Chart 2834

101

L 61-62 Including existing Supplement amendment, *Replace by:*

Chart 2834 plan Channels between Ibiza and Formentera

102

L 21-31 Including existing Supplement amendment, *Replace by:*

4.11 Marine reserve. Los Freus Marine Reserve is established, the limits of which are shown on the chart, enclosing a large area between the S end of Ibiza and the N part of Formentera. On the W side it extends from Punta Yondal (38°50'·7N, 1°19'·2E), generally SSE and SSW, to Punta Gabina (38°43'·2N, 1°23'·0E), following the general line of the coast. On the E side it extends from Isla Sal Rossa (38°52'·4N, 1°24'·4E), generally SE and SW, passing close E of Isla Espardel, to the coastline close S of Punta Prima (38°43'·7N, 1°28'·5E).

In addition, within this area and shown on the charts, an Integral Reserve is established, almost surrounding Isla Espardel (38°48'·N, 1°29'·E).

Within the marine reserve, fishing, and removal of marine flora or fauna, is prohibited. Within the integral reserve area, anchoring, fishing, diving and removal of marine flora or fauna is prohibited.

Restricted area. On the E side, and within the marine reserve, a restricted area, the limits of which are shown on the chart and within which anchoring and fishing are prohibited, is established to protect the submarine power cables laid between Ibiza and Formentera.

Artificial reefs. Five artificial reefs, as indicated on the chart, have been established in the area between the S end of Ibiza and the N part of Formentera. Their function is as fish havens and for protection of the coastal zone. They are centred (with positions from the Tower (38°47'·2N, 1°25'·1E):

5 miles N; 2 miles ENE; 3 miles SE; 6½ miles SSE; 2 miles SSW, respectively.

Mariners are warned that charted depths over these reefs may be reduced by approximately 2·5 m.

L 59 Including existing Supplement amendment, *Replace by:*

Chart 2834

IV

106

L 45 Including existing Supplement amendment, *Replace by:*

Chart 2834

R 34 Including existing Supplement amendment, *Replace by:*

Charts 2831, 2832

Spanish Notices 10/179 & 1/14

(*HH. 362/799/02 and HH. 358/210/04*) [29/01]

NP 60 Pacific Islands Pilot Volume I (1988 Edition) — Supplement 5-2000

Papua New Guinea — Depths

185

L 45-49 *Replace by:*

Caution. Some sections of the Sunken Barrier Reef have not been subject to modern surveys and uncharted dangers may exist.

188

L 69-R2 *Replace by:*

Caution. Tidal streams run strongly over Siriki Shoals causing heavy tide-rips.

Australian Notice 13/349/01

(*HH. 532/430/02*) [29/01]

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

Isla de Providencia — Directions; anchorages

55

L 66-R 13 *Replace by:*

Directions

2.26

From a position in the vicinity of the approach channel light-buoy (safe water) ($13^{\circ}23'9\text{N}$, $81^{\circ}23'7\text{W}$) the line of bearing ahead (143°) of Fairway Hill ($13^{\circ}21'8\text{N}$, $81^{\circ}22'0\text{W}$) leads SE through Canal de Morgan for $1\frac{3}{4}$ miles to Santa Catalina Bay. The channel, which has a least depth of 4.1 m, is marked on both sides by light-buoys.

R 25-30 *Replace by:*

In position $13^{\circ}23'0\text{N}$, $81^{\circ}24'2\text{W}$, about $1\frac{1}{4}$ miles W of Morgan Head, a prominent black rock; depths 11 to 13 m.

Anchorage inside the harbour is charted 5 cables SSW of Morgan Head in position $13^{\circ}22'7\text{N}$, $81^{\circ}23'1\text{W}$ in depths of about 3 m.

Colombian Chart 218

(*HH. 672/420/02*) [29/01]

NP 70 West Indies Pilot Volume I (1993 Edition) — Supplement 2-1998

Port-au-Prince — Caution

203

R 22-24 Existing Supplement amendment *Replace by:*
...entering after dark. Aids to navigation are reported to be unreliable and may be missing, unlit or out of position.

United Kingdom Hydrographic Office

(*HH. 677/415/02*) [29/01]

V

AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2001/02. Weekly Edition No. 29, Dated 19th July, 2001.

Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

0786	- Black Point	50 47.1 0 56.2	F W	...	...	Flagstaff	Shown Apr-Nov. TE 2001
							*
0913	-- North Pier. Extension	51 06.9 1 19.0	Q G	3	2	...	R G sector light 150m NE, used for Seacat operations only
		...	Fl Y 2.5s	3	...	...	Occas
		*					*
0928	-- N Head	51 07.2 1 20.6	Fl R 2.5s	11	5	...	<i>fl 1.</i> F R on radio masts 1.25M and 0.75M N
		...	Fl(2)W 10s	...	1	...	Occas. Intens strobe light shown in reduced visibility
			*		*		*
0929	-- Eastern Arm. Head	51 07.3 1 20.6	Fl G 5s	12	5	...	Ra refl. International Port Traffic Signals. Port Control Station
		...	Q W	...	1	...	Occas. Intens strobe light shown in reduced visibility
		...	Horn(2) 30s	...	...	...	<i>bl 2, si 2, bl 2, si 24</i>
		*	*		*		*
2491.5	-- Dir Lt 291°	53 38.4 0 11.9	Dir WRG	17	3	On building	F G287.5°-288.5°(1°), Al WG288.5°-290.5°(2°), F W290.5°-291.5°(1°), Al WR291.5°-293.5°(2°), F R293.5°-294.5°(1°). Shown 24 hours
*	*	*	*	*	*	*	*
5480.5	<i>Remove from List</i>						
7478.8	<i>Remove from List</i>						

Volume C, 2001/02. Weekly Edition No. 29, Dated 19th July, 2001.

Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

0072	- Lts in line 294° 18'. Egense. N front	56 58.4 10 20.1	Iso G 2s	5	9	Red 8-sided concrete tower 6	Vis 290.3°-298.3°(8°). Sector limit may be indistinct. Synchronized with C0072.1 and C0073. Shown 24 hours
	---- Secondary	...	Fl R 3s	5	3	Same structure	<i>fl 0.75.</i> About 139.5°-290.5° (151°). Sector limit may be indistinct
	*		*	*	*	*	*
0072.1	-- S front	56 58.4 10 20.1	Iso R 2s	5	9	Red 8-sided concrete tower 6	Vis 290.3°-298.3°(8°). Synchronized with C0072 and C0073. Shown 24 hours
			*		*		*
0073	- Egensekloster Pynt. Egense. Rear	56 58.9 10 18.2	Iso W 2s	20	10	Red ▽ on red framework tower 20	Rear light midway between twin front lights. Vis 287.3°-301.3°(14°). Synchronized with C0072 and C0072.1. Shown 24 hours
			*		*		*

V

Volume C *continued.*

0998-1	--- Rear. 212m from front	55 05:3 10 15:8	F G	18	4	Red ▽ on brown mast 11	Vis 043:5°-049:5°(6°). Shown 24 hours. ▽ partly obscured by vegetation (T)2001 *
1994	- Kronløbsbassin. Mole. Head	55 42:5 12 36:4	F G	6	6	Green house	The ferry berths 880m SW are marked by F R, F G, and F W lights, bells are sounded *
2030	-- Oil Harbour. Ldg Lts 234:9°. Front	55 40:7 12 38:1	Iso R 2s	15	5	Red △ on red framework tower 13	Vis 219:9°-249:9°(30°) * *
2030-1	---- Rear. 143m from front	55 40:6 12 38:0	Iso R 2s	19	5	Red ▽ on red framework tower 14	Vis 219:9°-249:9°(30°) * *
2944-5	- W Breakwater. Dir Lt 203°	54 46:1 17 33:0	Dir WRG	7	W 14 R 11 G 11	...	Fl G197°-198°(1°), F G198°-201°(3°), Al WG201°-202°(1°), F W202°-204°(2°), Al WR204°-205°(1°) F R205°-208°(3°), Fl R208°-209°(1°) * * * *
3040	- Orłowo. Pier	54 28:8 18 34:0	Fl Y 4s	7	2	Yellow pipe	<i>fl 1</i> * * *
3076-35	-- Basen Ostrowica II	54 22:7 18 39:3	Fl(1+3)Y 4s *	8	2	Yellow framework tower	
3812	- Vanasadam. N entrance. N side	59 27:0 24 46:5	Fl W 2s	8	3	Green metal framework 5	<i>fl 0-3</i> * *
3815	-- S entrance. S side	59 26:8 24 46:6	Fl R 2s	5	3	Metal framework with orange radar reflector 3	<i>fl 0-3</i> * *
3840-8	Pirita Sadam. Ldg Lts 136:2°. Front. Pier. Head	59 28:1 24 49:2	Iso R 4s	11	5	Red round concrete tower, 3 white balconies 9	Vis on leading line only * *
3840-81	-- Rear. 407m from front	59 03:0 24 49:5	Iso R 4s	31	5	White square tower on building 28	Vis on leading line only * *

V

Volume C *continued.*

4808	- Forum Marinum	60 26·2 22 14·5	Mo(FM)WRG 12s	7	7	...	W046·5°-049·5°(3°), R049·5°-073·5°(24°), G224·5°-228·5°(4°), W228·5°-229·5°(1°), R229·5°-326·5°(97°), G326·5°-046·5°(80°)
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6904·8	- Lindö Harbour. North	58 36·7 16 15·7	Fl G 3s	4	4	White pole, green band 2	Shown 1/3-10/12
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6904·9	-- South	58 36·7 16 15·7	Fl R 3s	4	4	White pole, red band 2	Shown 1/3-10/12
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Volume D, 2001/02. Weekly Edition No. 29, Dated 19th July, 2001.
Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

1560·6 *Remove from List*

1702·75	-- Basin. Head	43 21·1 8 13·1	Fl R 5s	...	5	Red round tower	<i>fl 0·5</i>
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1702·751	-- Outer Harbour Wall. Head	43 21·1 8 13·0	Fl G 5s	...	3	Green round tower	<i>fl 0·5</i>
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1762	- Puerto de Corcubión. Mole. Head	42 56·7 9 11·4	Fl(2)R 8s	9	4	Red round tower on white base 7	<i>fl 1, ec 1·5, fl 1, ec 4·5.</i> TE 2001
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1763	- Brens (Cée). Mole. NE Head	42 56·6 9 10·7	Fl(4)R 11s	8	3	Red tower	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4·5</i>
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1763·5	-- SW Head	42 56·6 9 10·8	Fl(4)G 11s	...	3	Green tower	<i>(fl 0·5, ec 1·5) x 3, fl 0·5, ec 4·5</i>
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2168	Cabo de São Vicente	37 01·3 8 59·7	Fl W 5s	85	32	White round masonry tower and building 28	Aeromarine. <i>fl 0·1.</i> Reserve light 25M
		...	Horn Mo(I) 30s	...	...	...	<i>bl 5, si 5, bl 5, si 15</i>

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2222	- Cais Farol	36 58·6 7 51·9	Fl G 3s	7	6	Green column 5	Aeromarine. <i>fl 0·3</i>
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2493	Punta Círes	35 54·6 5 28·8	Fl(3)W 10s	44	18	Round tower 8	<i>(fl 1·6, ec 0·4) x 2, fl 1·6, ec 6·4.</i> Vis 060°-330°(270°)
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V

Volume D *continued.*

7026-5	Île Europa	22 19-1 40 20-4	Fl W 5s	21	15	Round pylon 18	TE 1998. Reported Fl W 4s 2001
			*				*

Volume F, 2000/01. Weekly Edition No. 29, Dated 19th July, 2001.
Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

0982	Kalingapatnam	18 20-4 84 07-6	Fl(3)W 15s	35	25	6-sided masonry tower 31	TE 2001
							*
1222-55	Bompoka Island	18 13-5 93 14-3	Fl(2)W 20s	12	16	Red metal framework tower, white bands 12	fl 1, ec 2, fl 1, ec 16. TE 2001
							*
1355	-	3 52-3 98 44-2	Fl G 5s	20	15	Green beacon	fl 0-5. Racon. Reported missing (T) 2001
							*
1946-3	Kuala Padas Beaufort	5 08-0 115 31-5	LFl(2)W 10s	7	5	Red ○ on pillar , red and wihite stripes	
			*			*	
1984-5	--	5 51-7 118 08-3	Fl(2)W 6s	7	5	Black ♂ on black beacon, red bands	
*	*	*	*	*	*	*	*
1986-5	- Allard Bank	5 19-4 118 05-7	Fl G 5s	7	5	Green △ on green beacon	
*	*	*	*	*	*	*	*
2142	Cagayan Sulu Island. Tandotao Point. (PCG)	6 58-1 118 31-5	Fl W 5s	118	12	White concrete tower 10	
							*
2226-7	- Buca Point (PCG)	5 57-5 124 40-5	Fl W 5s				
			*				*
2252	- Sumilon Island (PCG)	9 55-0 125 26-5	Fl W 15s				
			*				*
2281-6	- Murcielagos Bay. Pinahon Island (PCG)	8 39-5 123 30-5	Fl(2)W 10s	...	...	...	TE 2001
							*
2454	Suluan Island. Summit (PCG)	10 45-4 125 57-9	Fl(3)W 15s	138	28	Aluminium tower 16	Vis 162°-142°(340°)
							*

V

Volume F *continued*.

2686-6	Agno (PCG)	16 08-0 119 46-6	Fl G 5s	...	...	...	TE 2001
							*
2688	Cape Bolinao. Piedra Point (PCG)	16 18-5 119 47-1	Fl(2)W 10s	89	22	White tower 27	<i>fl 0-21.</i> Vis 017°-215°(198°). TE 2001
							*
2823	Amianan Island. Yami (PCG)	21 07-1 121 56-9	Fl W 5s	20	15	...	Vis 200°-310°(110°). TE 2001
							*
2932-5	- Northwards. SE Breakwater. Head	12 24-8 99 59-9	Fl R 3s	4	3		
*	*	*	*	*	*	*	*
2932-52	-- NW Breakwater. Head	12 24-8 99 59-8	Fl G 3s	4	3		
*	*	*	*	*	*	*	*
2932-53	-- Mae Nam Pran Buri. Entrance	12 24-4 99 59-6	Fl R 3s	4	3		
*	*	*	*	*	*	*	*
2932-54	----	12 24-3 99 59-5	Fl G 3s	4	3		
*	*	*	*	*	*	*	*
5595-2	-- E Head	33 29-7 133 35-7	Fl G 4s	9	4	White tower 3	
							*
7434-3	Ostrov Shkota	42 55-9 131 49-3	Fl G 3s	55	2	...	<i>fl 1</i>
			*	*			*
7435-2	- Ivantsova	42 58-8 131 47-2	Fl G 3s	...	1		
					*		
7435-3	- Proliv Starka. N shore	42 59-2 131 44-7	Fl R 5s	...	2		
					*		
7581-5	Moryak-Rybolov	43 21-0 134 48-2	Fl WR 3s	48	W 8 R 4	White 8-sided stone tower 5	
			*	*	*	*	

Volume G, 2000/01. Weekly Edition No. 29, Dated 19th July, 2001.
Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

1563-35	- Bajo Wichmann	45 47-6 74 40-9	Fl R 5s	...	4	△ on red pillar buoy 8	<i>fl 0-4</i>
*	*	*	*	*	*	*	*

V

Volume G *continued.*

4878-5	- Coast Guard Pier N	47 35.5 122 20.6	F R	5	6	On pier	
*	*	*	*	*	*	*	*
4879	- Coast Guard Pier S	47 35.4 122 20.6	F R	5	6	On pier	
	*				*	*	

Volume H, 2000/01. Weekly Edition No. 29, Dated 19th July, 2001.
Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

2118	- Anse à l'Eau. Wharf. Head	48 08.3 69 43.7	F G	10	6	Square framework tower 6	Ra refl
							*

Volume J, 2000/01. Weekly Edition No. 29, Dated 19th July, 2001.
Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

0371	<i>Remove from List</i>						
0371-1	<i>Remove from List</i>						
0497	- Clarks Point	41 35.5 70 54.0	F W	21	9	White wooden tower on granite block fort	Private
*	*	*	*	*	*	*	*
1311	- S Jetty. Head. No 1	39 42.9 75 30.8	Fl G 2.5s	6	7	Green ◻ on framework tower	
				*	*	*	
2250-11	-- Tolchester Channel. Ldg Lts 220°. Front	39 08.1 76 20.1	Fl W 2.5s	7	...	Platform on single pile	Shown 24 hours
*	*	*	*	*	*	*	*
2250-111	---- Rear. 1767m from front	39 08.1 76 20.1	Iso W 6s	27	...	Platform on single pile	PA. Shown 24 hours
*	*	*	*	*	*	*	*
2250-112	----- Passing light	39 08.1 76 20.1	Q W	8	...	Platform on single pile	PA. Same structure as J2250-111. On N and S corners of the platform
*	*	*	*	*	*	*	*
3258-635	-- Treasure Island. N terminal. Groyne. Obstruction	27 46.8 82 47.0	Fl W 6s	4	5	White ◇ on pile worded DANGER SUBMERGED GROIN	Private
*	*	*	*	*	*	*	*
3781	<i>Remove from List</i>						
3973	- Inner end. A	29 18.3 91 07.2	Fl W 4s	9	5	Black and white chequered ◇ on framework tower on piles	Ra refl
							*
4023-7	- Ldg Lts R 100° 24'. Front	29 58.7 93 51.7	Q W	8	...	Red ◻ white stripe, on dolphin	Vis 098.4°-102.4°(4°)
	*		*	*			*

V

Volume J *continued.*

4023·701	--- Passing light	29 58·7 93 51·7	Fl R 2·5s	8	3	Red □, white stripe, on dolphin	Same structure as J4023·7
*	*	*	*	*	*	*	*
4037	- Ldg Lts B 282°12'. Front	29 21·3 94 45·8	Q G	11	...	Red □, white stripe, on framework tower on piles	Intens on rangeline
	*		*	*	*		*
4037·1	-- Rear. 0·64M from front	29 21·4 94 46·6	Iso G 6s	21	...	Red □, white stripe, on framework tower on piles	
	*		*	*	*		*
4037·11	--- Passing light	29 21·4 94 46·6	Fl W 4s	5	5	Red □, white stripe, on framework tower on piles	Same structure as J4037·1
*	*	*	*	*	*	*	*
4072	-- Inner Ldg Lts 318·3°. Front	29 22·7 94 48·7	Q G	8	...	Red □, white stripe, on framework tower on piles	Vis 316°-320°(4°)
	*	*	*	*	*	*	*
4072·01	---- Passing light	29 22·7 94 48·7	Fl G 4s	4	4	Red □, white stripe, on framework tower on piles	Same structure as J4072
*	*	*	*	*	*	*	*
4072·1	--- Rear. 1·4M from front	29 23·6 94 49·7	Iso G 6s	21	...	Red □, white stripe, on framework tower on piles	Vis 316°-320°(4°)
	*		*	*	*		*
4072·11	---- Passing light	29 23·6 94 49·7	Fl W 4s	4	6	Red □, white stripe, on framework tower on piles	Same structure as J4072·1
*	*	*	*	*	*	*	*
4076·1	--- Rear. 2M from front	29 19·2 94 46·7	Oc W 4s (<i>By day</i>)	40	...	Framework tower on piles	Vis 2° each side of rangeline
		...	Oc G 4s (<i>By night</i>)	41			
			*	*	*		*
4076·11	---- Passing light	29 19·2 94 46·7	Fl W 4s	12	5	Framework tower on piles	Same structure as J4076·1
*	*	*	*	*	*	*	*
4080·1	--- Rear. 0·78M from front	29 31·2 94 52·7	Iso W 6s (<i>By day</i>)	35	...	Framework tower on piles	Vis 334·3°-338·3°(4°)
		...	Iso G 6s (<i>By night</i>)	36			
			*	*	*		*
4080·11	---- Passing light	29 31·2 94 52·7	Fl W 4s	12	5	Framework tower on piles	Same structure as J4080·1
*	*	*	*	*	*	*	*
4132	- Morgans Point Approach. Outer Ldg Lts 161°12'. Front	29 35·6 94 56·8	Q G	9	...	Red □, white stripe, on framework tower on piles	Vis 159·2°-163·2°(4°)
	*		*	*	*	*	*

V

Volume J *continued.*

4132-01	---- Passing light	29 35-6 94 56-8	Fl W 4s	10	5	Red □, white stripe, on framework tower on piles	Same structure as J4132
*	*	*	*	*	*	*	*
4132-1	--- Rear. 0-8M from front	29 34-8 94 56-5	Iso G 6s	20	...	Red □, white stripe, on framework tower on piles	Vis 159-3°-163-3°(4°)
	*		*	*	*	*	*
4132-11	---- Passing light	29 34-8 94 56-5	Fl W 4s	4	4	Red □, white stripe, on framework tower on piles	Same structure as J4132-1
*	*	*	*	*	*	*	*
4132-4	- Bayport Ship Channel. Entrance Ldg Lts 088°54'. Front	29 36-9 94 57-1	Q G	8	...	Red □, white stripe, on framework tower on piles	Vis 086-9°-090-9°(4°)
	*		*	*	*	*	*
4132-401	---- Passing light	29 36-9 94 57-1	Fl W 4s	4	3	Red □, white stripe, on framework tower on piles	Same structure as J4132-4
*	*	*	*	*	*	*	*
4132-41	--- Rear. 0-7M from front	29 36-9 94 56-3	Iso G 6s	18	...	Red □, white stripe, on framework tower on piles	Vis 086-9°-090-9°(4°). Lights are shown in Bayport Ship Channel
	*		*	*	*	*	*
4132-411	---- Passing light	29 36-9 94 56-3	Fl W 4s	4	5	Red □, white stripe, on framework tower on piles	Same structure as J4132-41
*	*	*	*	*	*	*	*
4142-5	-- Outbound Ldg Lts 100-5°. Front	29 42-0 94 59-8	Q R	9	...	Red □, white stripe, on framework tower on piles	Vis 098-3°-102-3°(4°)
	*		*	*			*
4142-501	---- Passing light	29 42-0 94 59-8	Fl R 4s	10	4	Red □, white stripe, on framework tower on piles	Same structure as J4142-5
*	*	*	*	*	*	*	*
5639-4	<i>Remove from List</i>						
5639-6	<i>Remove from List</i>						
6007	-	16 18-0 86 35-3	Fl W 8s	...	19	Red and white metal structure	
*	*	*	*	*	*	*	*
6009-6	- Cochino Grande	15 58-5 86 28-6	Fl W 5s	157	18	Red and white metal structure	
		*	*		*	*	
6013	Punta Patuca	15 49-0 84 18-2	Fl W 10s	22	22	Red and white metal structure	
					*	*	

V

Volume K, 2001/02. Weekly Edition No. 29, Dated 19th July, 2001.
Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

1743	- Geraldton Approach. No 1	28 45:2 114 35:2	Fl G 3s	9	6	Green $\triangle$ on green single pile beacon pivoted at base		
			*					
1743:2	-- No 2	28 45:1 114 35:2	Fl R 3s	9	6	Red $\square$ on red single pile beacon pivoted at base		
			*					
1743:3	-- No 3	28 45:2 114 35:5	LFl G 6s	9	6	Green $\triangle$ on green single pile beacon pivoted at base		
			*					
1743:5	-- No 5	28 45:3 114 35:8	LFl G 6s	9	6	Green $\triangle$ on green single pile beacon pivoted at base		
			*					
1743:6	-- No 6	28 45:3 114 35:9	LFl R 6s	9	6	Red $\square$ on red single pile beacon pivoted at base		
			*					
1743:7	-- No 7	28 45:6 114 35:9	LFl G 6s	9	6	Green $\triangle$ on black pile		
			*					
1743:8	-- No 8	28 45:5 114 36:0	LFl R 6s	9	6	Red $\square$ on black pile		
			*					
1743:9	-- No 9	28 45:8 114 36:0	LFl G 6s	9	6	Green $\triangle$ on black pile		
			*					
1743:95	-- No 10	28 45:8 114 36:1	LFl R 6s	9	6	Red $\square$ on black pile		
			*					
1744:1	--- Rear. 160m from front	28 46:6 114 36:0	F R	25	...	Orange ∇ on framework tower		
		*	*					
1750	-- West Breakwater. Head	28 46:2 114 36:0	Fl G 3s	7	6	Black concrete framework tower		
			*					
1752	-- East Breakwater. Head	28 46:3 114 36:1	Fl R 3s	7	6	Black concrete framework tower		
		*	*					
1752:2	-- Harbour Basin Limit	28 46:3 114 35:9	Q G	...	...	Pile		
*	*	*	*	*	*	*		*
1752:5	-- Town Beach	28 46:5 114 36:3	Q Y	...	...	Pile		
*	*	*	*	*	*	*		*

V

Volume K *continued.*

4706-5	- Black Rocks. SE of Malololailai Island	17 47·4 177 12·7	Aero F W					
								*
5002	- Passe Teporioha. Ldg Lts 119°. Front	16 42·1 145 21·1	Fl R 4s	6	5	White metal column 7	<i>fl 1.</i> TE 2001	*
5002-1	-- Rear. 200m from front	16 42·1 145 21·1	Fl R 4s	12	5	White metal column 12	<i>fl 1.</i> TE 2001	*
5003	- Hitianau Village	16 42·0 145 21·2	Fl G 2·5s	2	3	Green △ on beacon 5	<i>fl 0·5.</i> TE 2001	*
5020-6	-- No 4	23 20·7 149 30·3	Q R	4	2	Red □ on red column 7	TE 2001	*

Volume L, 2001/02. Weekly Edition No. 29, Dated 19th July, 2001.

Last Amendment: Weekly Edition No. 28, dated 12th July, 2001.

7158-5	<i>Remove from List</i>							
7160	- Mys Peschanyy	66 50·2 46 36·1	Fl W 3s	...	10			
*	*	*	*	*	*	*		*
7160-5	<i>Remove from List</i>							
7165	- Mys Bukhta Bzglavnyy. Pēsha	66 54·8 47 27·0	Fl W 5s	...	7			
*	*	*	*	*	*	*		*
7170	- Mys Suvognyy	67 11·3 47 41·0	Fl W 4s	...	7			
*	*	*	*	*	*	*		*
7188	-- Southeastwards. Ldg Lts 183·9°. No 1. Front	67 40·3 48 36·0	Fl W					
*	*	*	*	*	*	*		*
7188-1	----- Rear. 0·3M from front	67 40·0 48 36·0	Fl W					
*	*	*	*	*	*	*		*

VI

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 29 dated 19 July 2001

VOLUME 1, 2000/01—PART 1

Published Wk 30/00

(Last Amendments: Weekly Edition No. 26 dated 28 June 2001)

1160 Bern (HEB) (HEC) [1094] [3502]

Section 2 delete frequency table and replace by:

2. Telex [3502] Paired

Readiness to accept traffic on all channels is indicated by transmission of an idle-signal («Mark» and «Space») followed by call sign **HEC** in morse code

Fully automatic channels:

HEC18	8420-5	(809)	8380-5	H24
HEC28	8425-5	(819)	8385-5	H24
HEC13	12588	(1218)	12485-5	H24
HEC23	12600-5	(1243)	12498	H24
HEC17	16814-5	(1616)	16691	H24
HEC27	16830	(1648)	16707	H24

TRAFFIC LISTS: 8420-5 16814-5 kHz: every even H+30

Bern Radio (HH080/007/07 – E31) 29/01

3354 Fangcheng (XSL22)

Delete section 1

Renumber section 2 as 1

29/01

3356 Beihai (XSK)

Delete section 1

Renumber section 2 as 1

29/01

3358 Dongfang (Basuo) (XSH)

Delete sections 1 and 2

Renumber sections 3 and 4 as 1 and 2

29/01

3359 Sanya (XSI)

Delete sections 1 and 2

Renumber sections 3 and 4 as 1 and 2

29/01

3360 Haikou (XSR)

Delete sections 1 and 2

Renumber sections 3 and 4 as 1 and 2

29/01

3367 Chiwan

Delete station

29/01

3380 Shantou (XSP)

Delete sections 1 and 2

Renumber sections 3 and 4 as 1 and 2

29/01

3385 Xiamen (Amoy) (XSM)

Delete sections 1 and 2

Renumber sections 3 and 4 as 1 and 2

29/01

3392 Wenzhou (Wenchow) (XSO)

Delete station and replace by:

Wenzhou (Wenchow) (XSO)

3392

28°02'N 120°39'E

1. RT (MF)

Transmits	Receives	Hours of Watch
2182	2182	H24
2660		

TRAFFIC LISTS: 2660 kHz: every even H+00

2. VHF

Ch 16	Ch 16	H24
-------	-------	-----

TRAFFIC LISTS: Ch 16: every even H+00

29/01

VI

3393 Haimen Radio (XSK4)

Delete station and replace by:

Haimen Radio (XSK4)

3393

28°41'N 121°26'E

1. RT (MF)

Transmits	Receives	Hours of Watch
2182	2182	H24
2820		

2. VHF

Ch 13	Ch 13	
Ch 16	Ch 16	H24

TRAFFIC LISTS: Ch 13: every even H+30

29/01

3437 Longkou (XSS)

Delete sections 1 and 2

Renumber sections 3 and 4 as 1 and 2

29/01

3465 Qinhuangdao (XSE)

Delete sections 1 and 2

Renumber section 3 as 1

29/01

3467 Yingkou (XSD)

Delete sections 1 and 2

Renumber section 3 as 1

Guangzhou China Telecom (HH080/019/09 – E9) 29/01

VOLUME 2, 2001

Published Wk 8/01

(Last Amendments: Weekly Edition No. 26 dated 28 June 2001)

RADAR BEACONS

62280 Västerhålet Lt

Delete footnote reference and the footnote (1) 0.5 n miles W of Sandon

Delete position and replace by: 59°17'·49N 18°52'·72E

Swedish Notice 25/478/01 (HH318/485/03 – E44) 29/01

LEGAL TIME

Page 198, **Syria, Daylight Saving Time**, delete **Begins** date and replace by:

1 Apr 2001

ITU Operational Bulletin No.733 (HH080/030/08 – E49) 29/01

VOLUME 6, 2000/01—PART 3

Published Wk 43/00

(Last Amendments: Weekly Edition No. 26 dated 28 June 2001)

Page 110, **ITALY, LIVORNO (LEGHORN)**

Pilots and Port, PROCEDURE, delete section (5) and replace by:

(5) Pilot boards in the following positions:

- (a) 43°34'·35N 10°16'·58E (for vessels using the northern entrance (Bocca Nord))
- (b) 43°31'·69N 10°16'·04E (for vessels using the southern entrance (Bocca Sud))

Corpo Piloti del Porto Di Livorno (HH080/009/05 – E24) 29/01

Page 173, **RUSSIA (Black Sea Coast), NOVOROSIYSK**

Pilots and Port, PROCEDURE, delete section (3) and replace by:

(3) Pilot boards in the following positions:

- (a) 44°37'·8N 37°52'·0E (about 2 n miles W of Doobskiy Lt)
- (b) 44°34'·1N 37°38'·5E

Russian Notice 23/3280/01 (HH305/440/05 – E1) 29/01

HYDROGRAPHIC NOTE

(for instructions, see overleaf)

Date

Ref. No.

Name of ship or sender:

Address of sender:

.....

.....

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

General locality

Subject

Position. Lat Long

British Admiralty Charts affected Edition dated

Position fixing system used Datum set

Latest Weekly Edition of Notice to Mariners held

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

.....

Details:—

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

Signature of observer/reporter

HYDROGRAPHIC NOTE

Forwarding information for British Admiralty Charts and Hydrographic Publications

INSTRUCTIONS:—

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

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

HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

Name of ship or sender:

Address:

Ref. No.

.....

Date:

.....

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

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

Signature of observer/reporter