



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 5

31 January 2002

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

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

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

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

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

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

Access Details:

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

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

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

www.ukho.gov.uk.

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

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

www.ukho.gov.uk/notices_to_mariners.html

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

Details of File Content.

Weekly Notices to Mariners.

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49-RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

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

Annual Summary of Admiralty Notices to Mariners (NP247).

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

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

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

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

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

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

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

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

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

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

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

(Block Example: Chart 1234 NM 4747).

Digital COLOUR NOTES are referenced by week:

(Note Example: w49-RP).

Each Block/Note is a separate file.

There are no links to the other NM files.

NM Feedback Form.

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

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

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

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

Help-Line

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

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

Fax: +44 (0) 1823 331945

E-mail: generalenquiries@ukho.gov.uk



ADMIRALTY NOTICES TO MARINERS

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EXPLANATORY NOTES

Dating

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

Charts and Positions

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

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

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

Temporary and Preliminary Notices

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

Original Information

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

Further guidance

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

Lights

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

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

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

Radio Signals

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

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

Sailing Directions

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

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

Radio Navigational Warnings

See Note at the start of Section III.

Updating

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

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EXPLANATORY NOTES

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

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

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

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INT	7117	PL		

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 31 January 2002

Chart	Title, limits and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙2998	France - West Coast, Les Sables - D'Olonne to Ile de Ré. 46°32'·60N. — 46°12'·00N., 1°21'·30W. — 2°05'·00W. Ⓐ Port de Bourgenay. 46°25'·60N. — 46°26'·60N., 1°40'·10W. — 1°41'·40W. Ⓑ Port de Jard-sur-Mer. 46°23'·71N. — 46°24'·70N., 1°33'·90W. — 1°35'·20W. Ⓒ Port de la Tranche-sur Mer. 46°20'·00N. — 46°21'·00N., 1°24'·90W. — 1°26'·30W. <i>A replacement of Chart 2641 providing improved coverage of the Pertuis Breton. (This chart is a modified reproduction of French Chart 7403 originally published by the French Hydrographic Office).</i>	1:50,000 1:10,000 1:10,000 1:10,000	17	38	£16·30
⊙2999 INT 1843	International Chart Series, France - West Coast, Pointe du Grouin du Cou to Pointe de Chassiron. 46°00'·40N. — 46°21'·10N., 1°02'·30W. — 1°46'·00W. Ⓐ Port de Châtelailon. 46°03'·05N. — 46°03'·90N., 1°05'·00W. — 1°06'·50W. <i>A replacement of Chart 2746 providing improved coverage of the Pertuis d'Antioche. (This chart is a modified reproduction of INT 1843 originally published by France in 2000).</i>	1:50,000 1:10,000	17	38	£16·30

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 31 January 2002

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙107	England - East Coast, Approaches to the River Humber. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum and the inclusion of the latest Associated British Ports Humber surveys. (Former Notice 4672(P)99 refers).</i> <i>Note: On publication of this New Edition Former Notices 4097(P)/01, 5039(P)/01 and 137(P)/02 are cancelled.</i>	1:75,000	7	22	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 31 January 2002 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙109 INT 1555	International Chart Series, England - East Coast, River Humber and the Rivers Ouse and Trent. Ⓐ Humber Bridge to Whitton Ness. Ⓑ Whitton Ness to Goole and Keadby. Ⓒ Keadby to Gainsborough. Ⓓ Goole. <i>Includes the latest Associated British Ports Humber surveys. The horizontal datum has been transferred to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:50,000 1:50,000 1:50,000 1:100,000 1:5,000	7	22	£16·30
⊙110 INT 1473	International Chart Series, Netherlands, North Sea, Westkapelle to Stellendam and Maasvlakte. Ⓐ Noordland Roompotsluis. Ⓑ Slijkgat to Stellendam. <i>Includes amendments to depths throughout from the latest Netherlands Government surveys. Netherlands maritime limits have been added.</i>	1:75,000 1:40,000 1:50,000	9	20	£16·30
⊙121	England - East Coast, Flamborough Head to Withernsea. <i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:75,000	7	22	£16·30
626	Japan, Ports on the East Coast of Kyūshū. Seto Naikai, Ōita. Bungo Suidō, Saiki. Bungo Suidō, Tsukumi. Seto Naikai, Saganoseki. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84 (Former Notice 3871(P)/00 refers).</i>	 1:30,000 1:30,000 1:25,000 1:20,000	53	80,82	£16·30
651	Japan, Kyūshū - Shikoku, Tozaki Hana to Okino Shima including Bungo Suidō. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84 (Former Notice 3871(P)/00 refers).</i>	1:200,000	53	80,82	£16·30
652	Japan, Shikoku - South Coast, Okino Shima to Muroto Saki. <i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84 (Former Notice 3871(P)/00 refers).</i>	1:200,000	53	80,82	£16·30

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 31 January 2002 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
995	Japan, Plans on the South Coast of Shikoku.		53	82	£16·30
	Susaki Kō.	1:12,500			
	Susaki Kō and Approaches.	1:25,000			
	Kōchi Kō.	1:15,000			
	<i>This partial new edition is limited to include the breakwater construction works and associated buoyage in the entrance to Susaki Kō. The horizontal datum has been transferred to WGS 84 (Former Notice 3871(P)/00 refers).</i>				
	<i>Note: On publication of this New Edition Former Notice 3165(T)/00 is cancelled.</i>				
⊙1187	North Sea, Outer Silver Pit.	1:150,000	7	22,28	£16·30
	<i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>				
⊙1188 INT 1553	International Chart Series, England - East Coast, River Humber, Spurn Head to Immingham.	1:25,000	7	22	£16·30
	Grimsby.	1:10,000			
	<i>Includes the latest Associated British Ports, Humber surveys. The horizontal datum has been transferred to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>				
⊙1190 INT 1508	International Chart Series, England - East Coast, Flamborough Head to Blakeney Point.	1:150,000	7	22,28	£16·30
	<i>This partial new edition is limited to the transfer of the horizontal datum to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>				
2874	Japan, Seto Naikai, Western Sheet.	1:200,000	54	82	£16·30
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84 (Former Notice 3871(P)/00 refers).</i>				
S2874	Japan, Seto Naikai, Western Sheet, showing areas swept clear of mines.	1:200,000	54	82	£8·15
	<i>This partial new edition is limited to the transfer of the horizontal datum to WGS 84 (Former Notice 3871(P)/00 refers). The areas swept clear of mines shown in green remain unchanged.</i>				
	<i>This chart will not be updated for Notice to Mariners and is therefore labelled NOT TO BE USED FOR NAVIGATION.</i>				

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

Admiralty Charts published 31 January 2002 (continued)

Chart	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙3497 INT 1554	International Chart Series, England - East Coast, River Humber, Immingham to Humber Bridge. Ⓐ Hull Docks, Eastern Part. Ⓑ Hull Docks, Western Part. Ⓒ Immingham.	1:25,000 1:10,000 1:10,000 1:10,000	7	22	£16·30
	<i>Includes the latest Associated British Ports, Humber surveys. The horizontal datum has been transferred to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>				
⊙4813 INT 813	International Chart Series, North Pacific Ocean, Bering Sea, Southern Part. <i>This partial new edition is limited to include amendments to Russian Regulated Areas. Lines of equal magnetic variation have been updated for the 2000 epoch. Note: This chart is to be deleted from the list of charts affected by Former Notice 113(P)/98.</i>	1:3,500,000	56	14,82,104	£16·30
⊙4814 INT 814	International Chart Series, North Pacific Ocean, Bering Sea, Northern Part. <i>This partial new edition is limited to include amendments to Russian Regulated Areas. Lines of equal magnetic variation have been updated for the 2000 epoch. Note: This chart is to be deleted from the list of charts affected by Former Notice 113(P)/98.</i>	1:3,500,000	92	14,82,104,130	£16·30

Reproductions of Australian Government Charts

Chart	Published	Title and other remarks	Scale	Folio	Catalogue page	UK (RRP)*
⊙Aus 197	17/8/01	Australia - East Coast, New South Wales, Approaches to Port Jackson, Port Hacking to The Skillion. <i>Includes general amendments throughout. The horizontal and vertical datums are referred to WGS 84 and LAT respectively. Note: This chart remains affected by Former Notice 1888(T)/01.</i>	1:75,000	65	88	£16·30

Admiralty Publications

NP No.	Title and other remarks	Date	UK(RRP)*	Remarks
NP 83	Admiralty List of Lights and Fog Signals, Volume K 2002/03, Indian and Pacific Oceans, South of the Equator.	3/1/02	£21·00	Amended to Week 1/02 dated 3rd January 2001. First amendments in Week 5/02. Volume K 2001/02 is thereby cancelled.
NP 17s	Supplement No 3 to Australia Pilot Volume V (Seventh Edition 1992).	1/11/01	£5·70	Supplement No 2, 1997 is thereby cancelled.

*UK (RRP) means UK recommended retail price.

⊙ denotes chart available in the ARCS series.

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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 28 FEBRUARY 2002

New Admiralty Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
452 INT 7117	International Chart Series, Red Sea, Al Mukhā to Bab el Mandeb. 12°26'·00N. — 13°25'·68N., 42°51'·51E. — 43°33'·00E. Mayyūn Harbour. 12°37'·30N. — 12°40'·00N., 43°23'·20E. — 43°26'·10E. <i>A replacement for Chart 2588 at the slightly smaller scale of 1:100,000. Provides improved coverage of the main shipping route from Bab el Mandeb northwestwards. Also includes a major new survey of the area at 1:25,000 (This chart is included in the International chart series).</i>	1:100,000 1:25,000	2588
919 INT 1360	International Chart Series, Baltic Sea, Germany and Denmark, Flensburger Förde (Flensborg Fjord). 54°41'·00N. — 55°00'·00N., 9°24'·00E. — 10°10'·00E. Ⓐ Flensburg. 54°47'·20N. — 54°49'·50N., 9°25'·20E. — 9°27'·90E. Ⓑ Sporthafen Farensodde. 54°49'·23N. — 54°49'·50N., 9°28'·05E. — 9°28'·55E. Ⓒ Sporthafen Glücksburg. 54°50'·16N. — 54°50'·56N., 9°31'·12E. — 9°31'·92E. Ⓓ Sporthafen Schausende. 54°51'·40N. — 54°51'·58N., 9°33'·95E. — 9°34'·35E. Ⓔ Passage South of Egersund. 54°51'·95N. — 54°55'·25N., 9°33'·30E. — 9°39'·00E. Ⓕ Langballigau. 54°49'·21N. — 54°49'·43N., 9°39'·10E. — 9°39'·32E. Ⓖ Sønderborg Lystbådehavn. 54°53'·76N. — 54°54'·06N., 9°47'·22E. — 9°47'·87E. Ⓗ Høruphav. 54°54'·30N. — 54°54'·50N., 9°53'·15E. — 9°53'·50E. <i>Additional to existing chart cover, providing large scale coverage of Flensburger Förde. (This chart is a modified reproduction of INT 1360 originally published by Germany in 2001).</i>	1:50,000 1:15,000 1:6,000 1:6,000 1:3,000 1:25,000 1:3,000 1:6,000 1:3,000	-
4787	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Québec à/to Donnacona. 46°35'·50N. — 46°51'·50N., 71°10'·97W. — 71°45'·17W. <i>One of a series of new metric charts providing improved coverage of the St. Lawrence River. (A modified reproduction of Canadian Chart 1315, originally published by the Canadian Hydrographic Service).</i>	1:40,000	422

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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 28 FEBRUARY 2002

New Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
4788	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Donnacona à/to Batiscan. 46°26'·01N. — 46°42'·10N., 71°41'·57W. — 72°15'·77W. Batiscan. 46°29'·83N. — 46°30'·31N., 72°14'·41W. — 72°14'·99W. Portneuf. 46°40'·71N. — 46°41'·19N., 71°52'·41W. — 71°52'·99W. <i>One of a series of new metric charts providing improved coverage of the St. Lawrence River. (A modified reproduction of Canadian Chart 1314, originally published by the Canadian Hydrographic Service).</i>	1:40,000 1:5,000 1:5,000	422
4789	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Batiscan au/to Lac Saint-Pierre. 46°14'·60N. — 46°30'·70N., 72°11'·00W. — 72°45'·20W. Port de Trois-Rivières. 46°19'·20N. — 46°22'·40N., 72°29'·30W. — 72°33'·50W. Port de Bécancour. 46°23'·00N. — 46°25'·70N., 72°21'·00W. — 72°24'·00W. <i>One of a series of new metric charts providing improved coverage of the St. Lawrence River. (A modified reproduction of Canadian Chart 1313, originally published by the Canadian Hydrographic Service).</i>	1:40,000 1:15,000 1:15,000	422
4790	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Lac Saint-Pierre. 46°02'·40N. — 46°18'·60N., 72°36'·90W. — 73°11'·09W. Port de Sorel. 46°01'·70N. — 46°03'·67N., 73°05'·38W. — 73°08'·60W. <i>One of a series of new metric charts providing improved coverage of the St. Lawrence River. (A modified reproduction of Canadian Chart 1312, originally published by the Canadian Hydrographic Service).</i>	1:40,000 1:10,000	422
4791	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Sorel à/to Varennes. 45°40'·50N. — 46°04'·40N., 73°04'·80W. — 73°28'·10W. Terminal Contrecoeur. 45°49'·00N. — 45°50'·90N., 73°16'·20W. — 73°18'·50W. <i>One of a series of new metric charts providing improved coverage of the St. Lawrence River. (A modified reproduction of Canadian Chart 1311, originally published by the Canadian Hydrographic Service).</i>	1:40,000 1:10,000	422

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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 28 FEBRUARY 2002

New Admiralty Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN
4792	Canada, Québec/Quebec, Fleuve Saint-Laurent/St. Lawrence River, Port de Montréal. 45°29'·20N. — 45°38'·20N., 73°25'·54W. — 73°33'·30W.	1:15,000	421,422
	Panel ④ 45°36'·70N. — 45°45'·68N., 73°25'·57W. — 73°30'·75W.	1:15,000	
	Quai Alexandra. 45°29'·30N. — 45°30'·50N., 73°32'·50W. — 73°33'·20W.	1:10,000	
<i>One of a series of new metric charts providing improved coverage of the St. Lawrence River. (A modified reproduction of Canadian Chart 1310, originally published by the Canadian Hydrographic Service).</i>			

New Editions of Admiralty Charts

Chart	Title and other remarks	Scale	Charts to be WITHDRAWN
32 INT 1720	International Chart Series, England - South Coast, Falmouth to Truro. ④ Continuation of Truro River. ⑤ Continuation of Tresillian River. ⑥ Continuation of River Fal (Ruan Creek).	1:12,500 1:12,500 1:20,000 1:20,000	32 INT 1720
<i>Includes extensive changes to depths from the latest survey information and changes to buoyage, visitors pontoons, port facilities and a new anchoring prohibited area. (The title has been changed).</i>			
453 INT 7116	International Chart Series, Red Sea, Jabal Zuqar Island to Muhabbaka Islands. <i>Includes a major new survey of the routes and passages around Jabal Zuqar Island and Ḥanīsh al Kubrá. Also includes changes to the charted positions of offlying islands. (This chart is included in the International chart series).</i>	1:100,000	453
1826 INT 1607	International Chart Series, British Isles, Irish Sea, Eastern Part. <i>Includes the latest British Government surveys. Details of firing and practice areas are also included. The horizontal datum has been transferred to a WGS 84 compatible datum (Former Notice 4672(P)/99 refers).</i>	1:200,000	1826 INT 1607
3963	Gulf of Thailand, Thailand, Laem Kho Kwang to Laem Riu including Offshore Gasfields. <i>Includes changes to offshore terminals and gasfields.</i>	1:240,000	3963

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>
107	England - East Coast, Approaches to the River Humber.	⊙107
109 INT 1555	International Chart Series, England - East Coast, River Humber and the Rivers Ouse and Trent.	⊙109 INT 1555
110 INT 1473	International Chart Series, Netherlands, North Sea, Westkapelle to Stellendam and Maasvlakte.	⊙110 INT 1473
121	England - East Coast, Flamborough Head to Withernsea.	⊙121
626	Japan, Ports on the East Coast of Kyūshū.	626
651	Japan, Kyūshū - Shikoku, Tozaki Hana to Okino Shima including Bungo Suidō.	651
652	Japan, Shikoku - South Coast, Okino Shima to Muroto Saki.	652
995	Japan, Plans on the South Coast of Shikoku.	995
1187	North Sea, Outer Silver Pit.	⊙1187
1188 INT 1553	International Chart Series, England - East Coast, River Humber, Spurn Head to Immingham.	⊙1188 INT 1553
1190 INT 1508	International Chart Series, England - East Coast, Flamborough Head to Blakeney Point.	⊙1190 INT 1508
2641	France - West Coast, Pertuis Breton.	⊙2998
2746	France - West Coast, Pertuis D'Antioche.	⊙2999
2874	Japan, Seto Naikai, Western Sheet.	2874
S2874	Japan, Seto Naikai, Western Sheet,	S2874
3497 INT 1554	International Chart Series, England - East Coast, River Humber, Immingham to Humber Bridge.	⊙3497 INT 1554
4813 INT 813	International Chart Series, North Pacific Ocean, Bering Sea, Southern Part.	⊙4813 INT 813
4814 INT 814	International Chart Series, North Pacific Ocean, Bering Sea, Northern Part.	⊙4814 INT 814
Aus197	Australia - East Coast, New South Wales, Approaches to Port Jackson, Port Hacking to The Skillion.	⊙Aus197

⊙ denotes chart available in the ARCS series.

II

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE TO BE TRANSFERRED TO A WGS 84 COMPATIBLE DATUM IN FEBRUARY 2002

The following charts will be transferred to a WGS 84 compatible datum in February 2002 on the publication dates indicated. These charts will be included in the ARCS series.

February 21: English Channel, Western Entrance - 2655.

February 28: Irish Sea, Eastern Part - 1826.

ADMIRALTY CHARTS OF GREAT BRITAIN THAT ARE PROVISIONALLY SCHEDULED TO BE TRANSFERRED TO A WGS 84 COMPATIBLE DATUM BETWEEN MARCH 2002 AND MAY 2002

The following charts are provisionally scheduled to be transferred to a WGS 84 compatible datum between March 2002 and May 2002. It should be noted that actual publication dates are subject to priorities within the UKHO and could be later than those indicated.

March 2002: Southern North Sea – 1406, 1408.

April 2002: Shetland - 1239.

May 2002: Firth of Forth - 175, 728, 733, 734, 735, 736, 737, 741; East Coast of Scotland - 190, 210, 1407.

This list will be up-dated in Weekly 9, 28 February 2002.

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. Charts published on 31 January 2002 are shown in bold type. Former Notice 4731(P)/00 refers.

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

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

⊙ denotes chart available in the ARCS series.

II

545 MISCELLANEOUS UPDATES TO CHARTS

Chart	Previous Notice to Mariners	Details
266	4870/01	Insert accompanying note, CHARTS 121,1187,1190,1191,1192: POSITIONS, in position: 55° 04'·00N., 0° 55'·00E. Amend reference, to read, <i>Adjoining Chart 1192 (see Note)</i> , in W. border in position: 55° 40'·0N. Amend reference, to read, <i>Adjoining Chart 1191 (see Note)</i> , in W. border in position: 54° 18'·0N.
1191	168/02	Delete note, CAUTION: CHARTS NOT REFERRED TO A WGS 84 COMPATIBLE DATUM, outside N. border adjacent to the legend WGS 84 POSITIONS.
1408	435/02	Amend reference to read, (<i>see Note—POSITIONS</i>) 1503, in positions: 52° 49'·25N., 1° 14'·00E. 52° 49'·25N., 3° 07'·00E. Amend reference to read, (<i>see Note—POSITIONS</i>) 1504, in positions: 52° 05'·25N., 3° 27'·50E. 52° 53'·25N., 1° 11'·00E. Delete note, CHARTS 1187 and 1190: POSITIONS, in position 52° 20'·00N., 5° 23'·00E. Delete reference, (see Note – POSITIONS), centred on: 53° 30'·50N., 3° 03'·50E. Delete reference, (see Note – POSITIONS), centred on: 52° 49'·00N., 1° 09'·00E.
1505	248/02	Substitute accompanying note, CHART 1187: POSITIONS, for existing note, CHART 1187: POSITIONS, centred on: 54° 10'·20N., 3° 56'·50E.
1882	3752/01	Delete note, CAUTION: CHARTS NOT REFERRED TO A WGS 84 COMPATIBLE DATUM, outside N. border adjacent to the legend WGS 84 POSITIONS.
2663	4879/01	Insert magenta limit and chart number, 2998, joining the following positions: North: 46° 32'·60N. East: 1° 21'·30W. South: 46° 12'·00N. West: 2° 05'·00W. Insert magenta limit and chart number, 2999, joining the following positions: 46° 21'·10N., 1° 46'·00W. 46° 21'·10N., 1° 02'·30W. 46° 00'·40N., 1° 02'·30W. 46° 00'·40N., 1° 37'·60W. 46° 05'·25N., 1° 37'·60W. 46° 05'·25N., 1° 46'·00W. Delete magenta limit and chart number, 3638 in position: 46° 26'·90N., 1° 51'·90W. Delete magenta limit and chart number, 2641 in position: 46° 25'·10N., 1° 43'·30W. Delete magenta limit and chart number, 2746 in position: 45° 57'·90N., 1° 43'·30W.

UK Hydrographic Office.

411* SCOTLAND, North Coast — Orkney Islands — Bay of Kirkwall — Crow Ness Northwards — Works

Insert legend, *Works in progress (2002)*, centred on: 59° 00'·020N., 2° 58'·340W.

Chart [*Last correction*].— **1553** [1327/01] — **2584** [1327/01]

Orkney Islands Council Notice 6/01 (HH.268/430/04).

412* SCOTLAND, West Coast — Outer Hebrides — Loch Erisort — Eilean Chaluim Chille — Marine farms

Insert	symbol, marine farm	(a) 58° 06'·72N., 6° 26'·89W. 58° 07'·15N., 6° 25'·79W. 58° 06'·50N., 6° 25'·41W.
Delete	symbol, marine farm	58° 06'·73N., 6° 27'·09W. 58° 06'·47N., 6° 25'·56W. 58° 06'·39N., 6° 25'·38W.

Chart [*Last correction*].— **2529** [1992/01] — **1794** (INT 1625) (a) [3537/00]

The Crown Estate (HH.272/770/05).

413* SCOTLAND, West Coast — Firth of Clyde — Ayr Bay — Depths

Insert	depth 14 ₄ m enclosed by 15m contour depth 14 ₂ m enclosed by 15m contour, (chart 2126, depth 14 ₂ m and extend 20m contour S. to enclose)	(a) 55° 30'·50N., 4° 42'·60W. (b) 55° 30'·40N., 4° 42'·40W.
Delete	depth 15 ₉ m depth 15 ₂ m	close N. of (a) above close NE. of (b) above

Chart [*Last correction*].— **2220** [4856/01] — **2126** (b) [4856/01]

Associated British Ports (HH.274/430/05).

II

414* ENGLAND, West Coast — Approaches to the Bristol Channel — Lundy Westnorthwestwards — Celtic Deep Eastwards — Wreck

Insert $\odot$ Wk, unsurveyed clearance depth 60m 51° 18'·32N., 5° 53'·35W.

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

Chart [Last correction].— **1178** (INT 1611) [405/02]

MRSC Milford Haven (HH.220/470/03).

415* ENGLAND, South Coast — Swanage Southwards — Anvil Point — Light

Amend range of light to, 19M 50° 35'·5N., 1° 57'·6W.

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

Chart [Last correction].— **2172 (plan, Swanage and Studland Bays)** [456/01] — **2610** [4344/01] — **2615** [4345/01] — **2450** (INT 1703) [5075/01] — **2454** (INT 1702) [4785/01] — **2656** [158/02] — **2675** (INT 1070) [258/02]

Light List Vol. A, 2001/02, 0496

Trinity House Notice 60/01 (HH.232/540/07).

416* CHANNEL ISLANDS — Alderney — Incomplete surveys

Insert legend, *Incomplete Survey (see Caution)*, centred on: 49° 43'·80N., 2° 08'·80W.
49° 41'·60N., 2° 14'·30W.
49° 43'·25N., 2° 14'·60W.

Substitute the accompanying note, INCOMPLETE SURVEYS, for existing note, centred on: 49° 45'·10N., 2° 24'·70W.

Chart [Last correction].— **60** [2200/01]

UK Hydrographic Office (HH.256/440/03).

417* ENGLAND, South-East Coast — Goodwin Sands — Goodwin Knoll Westwards and The Small Downs — Depths

Insert	depth 2 ₉ m	(a)	51° 17'·32N., 1° 29'·80E.
	depth 0 ₇ m enclosed by 2m contour and extend 5m contour	(b)	51° 17'·14N., 1° 29'·74E.
	W. to enclose	(c)	51° 14'·94N., 1° 26'·21E.
	depth 5 ₇ m	(d)	51° 14'·31N., 1° 26'·51E.
	depth 6 _m	(e)	51° 14'·92N., 1° 27'·20E.
Substitute	depth 5 ₇ m for depth 7 ₄ m	(f)	close NW. of (a) above
Delete	depth 4 ₃ m	(g)	close NW. of (c) above
	depth 6 ₈ m	(h)	close E. of (d) above
	depth 6 ₄ m		

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

Chart [Last correction].— **1828** (INT 1563) [4026/01] — **323** (INT 1564) (b,d,e,h) [254/02]

Trinity House (HH.242/400/13).

406 ICELAND, South-West Coast — Reykjavik — Sundahöfn — Light-beacons; Leading lines; Depths; Buoy; Port developments

Insert the accompanying block, showing amendments to light-beacons, leading lines, depths, buoy and port developments, centred on: 64° 08'·5N., 21° 50'·6W.

Chart [Last correction].— **2735** (INT 1113) [4039/01]

Light List Vol. L, 2001/02, 4513.8, 4515, 4515.1

Icelandic Notices 9–10/32–34/01 & Icelandic Chart 362 (HH.336/440/03).

418 NORWAY, North Coast — Kvænangen and Søre Bergsfjorden — Jernskjer and Sandland — Lights; Rock

Substitute ★ Fl.3s, for * 69° 59'·3N., 21° 44'·0E.

Amend light to, F.G.3M & Iso.R.2s4M 70° 16'·0N., 21° 36'·6E.

Chart [Last correction].— **2368** [25/02]

Light List Vol. L, 2001/02, 3776.5, 3809.4, 3809.6

Norwegian Notices 23/1035/01 & 23/1037/01 (HH.309/450/02).

II

419 NORWAY, North Coast — Lyngenfjorden and Ullsfjorden — Kvitberg, Nordeidet and Vannvåg — Lights

Amend light to, *Fl.G.3s* 69° 35'·0N., 20° 18'·5E.
 light to, *Iso.G.2s8M* (a) 69° 55'·4N., 19° 47'·4E.
 light to, *Iso.G.2s4M* (b) 70° 04'·4N., 19° 59'·7E.

Chart [*Last correction*].— **2367** (a,b) [159/02] — **2368** [418/02]

Light List Vol. L, 2001/02, 3658, 3705.4, 3746

Norwegian Notices 23/1032–1034/01 (HH.309/440/03).

420 NORWAY, North Coast — Skagøysundet — Veingan — Light; Rock

Substitute ★ *Fl.G.3s*, for ⚡ 70° 03'·8N., 19° 00'·8E.

Chart [*Last correction*].— **2367** [419/02]

Light List Vol. L, 2001/02, 3620.3

Norwegian Notice 23/1031/01 (HH.309/430/03).

421 NORWAY, West Coast — Southern Approaches to Tromsø — Ballsfjorden — Korsberg Eastwards — Light; Buoy

Insert ★ *Iso.R.2s7m* (a) 69° 35'·49N., 18° 50'·36E.
 Substitute ★ *Iso.R.2s*, for port-hand spar buoy (b) (a) above
 Delete port-hand spar buoy (c) close SE. of (a) above

Chart [*Last correction*].— **3763** (a,c) [4116/01] — **2366** (b) [586/01] — **2367** (b) [420/02]

Light List Vol. L, 2001/02, 3627.2

Norwegian Notice 23/1030/01 (HH.309/430/03).

422 NORWAY, West Coast — Gisundet — Sandholmen Eastwards — Light; Rock; Buoy

Insert ★ *Fl.R.3s5m* (a) 69° 24'·83N., 18° 06'·41E.
 Substitute ★ *Fl.R.3s*, for * (b) (a) above
 Delete port-hand spar buoy (c) close E. of (a) above

Chart [*Last correction*].— **3753** (a,c) [4453/01] — **2366** (b) [421/02]

Light List Vol. L, 2001/02, 3419

Norwegian Notice 23/1029/01 (HH.309/420/03).

423 NORWAY, West Coast — Lofoten — Vestvågøya Southwards — Henningsværstraumen — Submarine cable

Insert submarine cable joining: 68° 07'·7N., 13° 51'·5E.(shore)
 68° 08'·0N., 13° 53'·0E.
 68° 09'·7N., 13° 56'·8E.
 68° 10'·5N., 14° 02'·7E.
 68° 11'·5N., 14° 07'·5E.
 68° 12'·0N., 14° 08'·6E.
 68° 12'·1N., 14° 12'·4E.
 68° 12'·2N., 14° 14'·2E.(shore)

Chart [*Last correction*].— **2327** [160/02]

Norwegian Notice 23/1026/01 (HH.310/570/03).

424 NORWAY, West Coast — Approaches to Haugesund Havn — Vestre Karmsund — Trollholmen — Light

Insert ★ *F.G* 59° 24'·815N., 5° 14'·766E.

Chart [*Last correction*].— **301** [986/01]

Light List Vol. B, 2001/02, 3562.5

Norwegian Notice 21/909/01 (HH.308/330/02).

425 NORWAY, West Coast — Leka Northwards, Northeastwards and Southwestwards — Lekafjorden, Hortafjorden and Melsteinfjorden — Depths

Insert depth 19m enclosed by 20m contour (a) 65° 10'·45N., 11° 51'·67E.
 depth 22m (b) 65° 11'·26N., 11° 51'·89E.
 depth 41m (c) 65° 17'·99N., 11° 59'·75E.
 legend, *Shoal Depths* (see NM 401(P)/02), centred on: (d) 65° 10'·70N., 11° 31'·70E.
 (e) 65° 07'·70N., 11° 26'·00E.
 (f) 65° 01'·50N., 11° 25'·50E.
 (g) 65° 13'·00N., 11° 39'·00E.
 Delete depth 45m (h) close NE. of (a) above
 depth 70m (i) close NE. of (c) above

Chart [*Last correction*].— **3506** (d–f) [4970/01] — **2308** (a–c,f–i) [4350/01]

Norwegian Chart 51 (HH.310/525/03).

II

426 NORWAY, South–West Coast — Approaches to Egersund — Langholmen — Light

Amend light to, F.Y.9m2M 58° 27'·55N., 5° 58'·94E.

Chart [*Last correction*].— **3007 (plan, Approaches to Egersund)** [163/02]

Light List Vol. B, 2001/02, 3204

Norwegian Hydrographic Service (HH.310/410/02).

407 BALTIC SEA — Gulf of Riga — Estonia — Pärnu — Lights; Buoyage; Coastline; Depths; Rocks; Obstructions; Dolphins

Insert the accompanying block, showing amendments to lights, buoyage, coastline, depths, rocks, obstructions and dolphins, centred on:
depth 18 m (a) 58° 22'·5N., 24° 28'·5E.
(b) 58° 19'·65N., 24° 30'·65E.

Chart [*Last correction*].— **2215 (plan, Pärnu) (a) & 2215 (b)** [4024/01]

Light List Vol. C, 2001/02, 3606, 3606.1, 3612, 3612.1

Estonian Charts 977 & 780 (HH.344/480/02).

408 BALTIC SEA — Germany, North Coast — Herreninsel to Lübeck — Coastline; Light; Depths; Posts

Insert the accompanying block, showing amendments to coastline, light and depths, centred on:
• (a) 53° 54'·38N., 10° 45'·93E.
(b) 53° 53'·731N., 10° 46'·247E.
(c) 53° 53'·486N., 10° 42'·165E.
Substitute depth 63 m for depth 67 m (d) 53° 53'·148N., 10° 41'·713E.
depth 28 m for depth 36 m (e) 53° 52'·502N., 10° 41'·490E.

Chart [*Last correction*].— **2355 (INT 1363) (plan B, Sporthafen am Stau) (b) & 2355 (INT 1363) (a,c–e)** [4057/01]

Light List Vol. C, 2001/02, 1368.55

German Chart 52 (HH.327/470/02).

427 BALTIC SEA — Sweden, East Coast — Gotland Southwards — Hoburgs Bank — Depths

Insert depth 18m enclosed by 20m contour (a) 56° 28'·7N., 18° 32'·7E.
(b) 56° 29'·5N., 18° 34'·6E.
(c) 56° 31'·4N., 18° 34'·7E.
depth 146 m enclosed by 20m contour (d) 56° 30'·4N., 18° 32'·3E.
depth 146 m (e) (d) above
depth 18m and extend 20m contour S. to enclose with (e) above (f) (a) above

Chart [*Last correction*].— **2288 (a–d)** [1346/01] — **2816 (e,f)** [45/02]

Swedish Notice 50/909/01 (HH.318/685/03).

428 BALTIC SEA — Sweden, East Coast — Huvudskär Southwards — Restricted area

Insert limit of restricted area, pecked line, joining: (a) 58° 52'·03N., 18° 26'·21E.
58° 52'·03N., 18° 50'·21E.
58° 48'·33N., 18° 50'·21E.
(b) 58° 38'·83N., 18° 26'·21E.
within (a)–(b) above
legend, *Unexploded Ordnance*

Chart [*Last correction*].— **2362** [3927/01] — **2817** [241/02]

Swedish Notice 51–52/924/01 (HH.318/475/04).

429 BALTIC SEA — Gulf of Bothnia — Finland, West Coast — Approaches to Oulu — Virpiniemi — Rock; Jetty

Insert ⌘ (a) 65° 07'·51N., 25° 15'·40E.
Delete jetty, single firm line close N. of (a) above

Chart [*Last correction*].— **3062 (plan, Approaches to Oulu)** [2991/01]

Finnish Notice 34/836/01 (HH.321/450/02).

430 BALTIC SEA — Gulf of Finland — Estonia — Ihasalu to Prangli — Submarine power cable

Insert submarine power cable joining: (a) 59° 32'·39N., 25° 08'·79E.(shore)
(b) 59° 32'·42N., 25° 07'·74E.
(c) 59° 32'·69N., 25° 07'·13E.
(d) 59° 33'·26N., 25° 07'·13E.
(e) 59° 33'·74N., 25° 07'·02E.
(f) 59° 34'·16N., 25° 06'·64E.
(g) 59° 36'·27N., 25° 03'·65E.
(h) 59° 36'·40N., 25° 02'·84E.
(i) 59° 36'·54N., 25° 02'·47E.
(j) 59° 36'·63N., 25° 02'·32E.(shore)

Chart [*Last correction*].— **2225** [2352/00] — **2248 (a–c,e,g,h,j)** [241/02]

Estonian Notice 12/119/01 (HH.344/530/02).

II

431 BALTIC SEA — Latvia and Lithuania — Liepāja Northwards to Šventoji — Submarine cable

Insert	submarine cable joining:	(a)	56° 34′.41N., 21° 00′.47E.(shore)
		(b)	56° 34′.76N., 21° 00′.03E. (N.border)
		(c)	56° 35′.34N., 20° 59′.29E.
		(d)	56° 35′.88N., 20° 57′.03E.
		(e)	56° 36′.03N., 20° 47′.80E.
		(f)	56° 34′.76N., 20° 45′.70E. (N.border)
		(g)	56° 33′.22N., 20° 43′.17E.
		(h)	56° 27′.43N., 20° 40′.00E. (W. border)
		(i)	56° 26′.77N., 20° 39′.64E.
		(j)	56° 07′.98N., 20° 42′.31E.
		(k)	56° 01′.65N., 20° 51′.05E.
		(l)	56° 01′.55N., 21° 04′.40E.(shore)
		(m)	56° 34′.4N., 21° 00′.5E.(shore)
		(n)	56° 35′.3N., 20° 59′.4E.
		(o)	56° 35′.9N., 20° 57′.1E.
		(p)	56° 36′.0N., 20° 47′.9E.
		(q)	56° 33′.2N., 20° 43′.3E.
		(r)	56° 26′.8N., 20° 39′.8E.
		(s)	56° 08′.0N., 20° 42′.4E.
		(t)	56° 01′.6N., 20° 51′.2E.
		(u)	56° 01′.5N., 21° 04′.5E.(shore)

Chart [*Last correction*].— **2289** (a,b,f–h) [1345/01] — **2231** (INT 1277) (a,c–e,g,i–l) [1746/01] — **2288** (m–u) [427/02]
Latvian Notice 12/062/01 (HH.165/300/04).

432 BALTIC SEA — Denmark, East Coast — Kattegat — Hov Røn Northwards — Buoyage

Substitute	N. cardinal pillar buoy for N. cardinal pillar light–buoy, Q port–hand can buoy for port–hand can light–buoy, Fl.R.5s	(a)	55° 55′.44N., 10° 17′.19E. 55° 55′.05N., 10° 16′.24E.
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Chart [*Last correction*].— **2591** (INT 1377) [245/02] — **2108** (INT 1302) (a) [5168/01]
Danish Notice 49/1114/01 (HH.332/500/03).

433 GERMANY, North Sea Coast — The Weser — Jade–plate Northwestwards and Fedderwarder Fahrwasser — Depths; Rocks

Insert	depth 11 ₂ m	(a)	53° 50′.81N., 7° 59′.79E.
		(b)	53° 50′.85N., 7° 59′.87E.
	depth 10 ₂ m	(c)	53° 43′.30N., 8° 17′.04E.
	depth 9 ₇ m enclosed by 10m contour	(d)	53° 43′.00N., 8° 17′.90E.
Delete	depth 12 ₉ m	(e)	close SW. of (a) above
	depth 12 ₇ m	(f)	close NW. of (c) above
	+ least depth by wire sweep (14)	(g)	53° 43′.71N., 8° 15′.50E.
	+ (14 ₄)	(h)	close E. of (g) above

Chart [*Last correction*].— **3617** (INT 1456) (a,c–h) [*New Edition* 6/9/01] — **1875** (b) [358/02]
German Chart 2 (HH.328/520/06).

434 GERMANY, North Sea Coast — The Jade — Harleriff Westwards and Alte Mellum Southwestwards — Legend; Depths

Insert	legend, <i>Dries</i> , centred on:	(a)	53° 48′.50N., 7° 48′.60E.
	depth 1 ₄ m and extend 2m contour W. to enclose	(b)	53° 44′.37N., 8° 05′.50E.
	depth 0 ₉ m and extend 2m contour NW. to enclose	(c)	53° 42′.20N., 8° 05′.85E.
Delete	depth 3 ₃ m	(d)	close W. of (b) above
	depth 2 ₈ m	(e)	close NW. of (c) above
	depth 2 ₇ m	(f)	53° 42′.01N., 8° 05′.97E.

Chart [*Last correction*].— **3618** (INT 1460) (c,e,f) [*New Edition* 6/9/01] — **3617** (INT 1456) (a–e) [433/02]
German Chart 2 (HH.328/510/04).

435 NORTH SEA — Netherlands Sector — Off Texel TSS Southeastwards — Well

Insert	○ <i>Well</i> , unsurveyed clearance depth 18 ₅ m	52° 49′.58N., 4° 17′.08E.
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Chart [*Last correction*].— **2322** (INT 1415) [250/02] — **1408** [249/02]
Netherlands Notice 51/699/01 (HH.340/630/04).

II

436 FRANCE, West Coast — Approaches to Brest — Anse de Camaret — Buoyage; Legend

Insert	N. cardinal spar light–buoy, Q	48° 17′.187N., 4° 34′.746W.
	E. cardinal spar buoy	48° 17′.131N., 4° 34′.594W.
	S. cardinal spar buoy	48° 16′.875N., 4° 34′.660W.
Delete	legend, (buoyed)	48° 17′.08N., 4° 34′.73W.

Chart [*Last correction*].— **3427** (INT 1832) (**plan, Port de Camaret-sur-Mer**) [4787/01]

French Notice 50/24/01 (HH.353/410/04).

437 FRANCE, West Coast — Îles de Glénan Southwards — Restricted area

Delete	circular limit of restricted area, radius 450m, pecked line and associated legend, Explosives Dumping Ground, centred on:	47° 36′.6N., 3° 58′.6W.
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Chart [*Last correction*].— **2820** [4366/01] — **2821** [405/02]

French Notice 50/25/01 (HH.353/430/03).

438 SPAIN, North Coast — Ría de Vivero — Punta Socastro — Light

Amend	light to, <i>Fl.G.5s18m7M</i> , (chart 1108, <i>Fl.G.5s7M</i>)	43° 43′.15N., 7° 36′.32W.
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Chart [*Last correction*].— **1122** (**plan, Ría de Vivero**) [4989/01] **1108** [174/02]

Light List Vol. D, 2001/02, 1680

Spanish Notice 50/928/01 (HH.359/530/03).

439 SPAIN, North Coast — Puerto de Bilbao — El Abra Northwards — Buoyage

Move	special spherical light–buoy, <i>Fl(5)Y.20s</i> , from:	43° 22′.012N., 3° 03′.967W.
	to:	43° 22′.079N., 3° 03′.892W.
	special pillar light–buoy with topmark, <i>Fl(5)Y.20s</i> , from:	43° 22′.077N., 3° 03′.920W.
	to:	43° 22′.141N., 3° 03′.837W.

Chart [*Last correction*].— **74** [3655/01]

Spanish Notice 51/949/01 (HH.359/450/03).

440 SPAIN, North Coast — Cabo Lastres — Light

Amend	light to, <i>Fl(5)25s116m23M</i> , (charts 87 & 1104, <i>Fl(5)23M</i>)	43° 32′.12N., 5° 17′.96W.
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Chart [*Last correction*].— **1153** [4882/01] — **1105** [4882/01] — **87** [361/02] — **1104** [174/02]

Light List Vol. D, 2001/02, 1591

Spanish Notice 51/951/01 (HH.359/490/04).

441 SPAIN, West Coast — Puerto de Vigo — Punta Arroás Northeastwards — Light; Jetty; Depth

Insert	★ <i>Q.R</i>	(a) 42° 16′.700N., 8° 42′.300W.
	jetty, single firm line, joining:	(a) above
		(b) 42° 16′.720N., 8° 42′.340W.(shore)
Delete	depth 1 $\frac{1}{2}$ m	close SE. of (b) above

Chart [*Last correction*].— **1731** [*New Chart 11/10/01*]

Light List Vol. D, 2001/02, 1903

Spanish Notice 50/929/01 (HH.359/620/03).

442 SPAIN, South–West Coast — I. Canela Southeastwards and Entrance to Río de las Piedras — Buoyage; Abandoned well; Wreck; Fouls

Insert	safe water pillar light–buoy with topmark, <i>LFl.10s No1</i>	(a) 37° 11′.46N., 7° 01′.46W.
	○ <i>Abandoned Well</i> , (chart 87, ○ <i>Well</i>)	(b) 36° 51′.57N., 7° 14′.24W.
		(c) 36° 51′.75N., 7° 14′.25W.
	⊕	(d) 37° 08′.80N., 7° 16′.86W.
		(e) 37° 08′.98N., 7° 16′.87W.
Delete	safe water spherical light–buoy, <i>LFl.10s No1</i>	(f) 37° 11′.82N., 7° 02′.30W.
	#	(g) 36° 51′.55N., 7° 13′.80W.
		(h) close E. of (b)/(c) above
		(i) close SE. of (b) above

Chart [*Last correction*].— **89** (b,d,h,i) [5090/01] — **90** (a,f,g) [5090/01] — **92** (c,e,h) [5090/01] — **87** (b) [440/02]

Spanish Notices 48/893/01 & 49/911/01 and Spanish Chart 441A (HH.360/400/03).

II

443 SPAIN, South–West Coast — Cabo Trafalgar Southwestwards — Banco de Trafalgar — Depths

- Substitute depth 12₆ m for depth 8₈ m enclosed by 10m contour,
(chart 92, depth 12₆ m for depth 8₈ m) (a) 36° 08′.1N., 6° 07′.3W.
(b) 36° 08′.2N., 6° 07′.2W.
depth 13₉ m for depth 6₆ m enclosed by 10m contour (c) 36° 08′.2N., 6° 08′.3W.
(d) 36° 08′.3N., 6° 08′.2W.
(e) (d) above
- Delete depth 6₆ m and associated 10m contour
- Chart** [*Last correction*].— **142** (a,c) [4688/01] — **90** (b,d) [442/02] — **773** (b,d) [363/02] — **92** (b,e) [442/02]
Spanish Notice 50/931/01 (HH.360/430/03).

444 MEDITERRANEAN SEA — Spain, South–East Coast — Cabo de Palos Northeastwards and Torrevieja Southeastwards — Marine and Integral Reserves; Recommended anchorage

- Insert the accompanying note, MARINE AND INTEGRAL
RESERVES, centred on: 38° 28′.00N., 0° 47′.30W.
legend, *Marine and Integral Reserve* (see Note), centred on: 37° 40′.25N., 0° 36′.00W.
⚓ (*Dangerous Cargoes*), centred on: 37° 56′.50N., 0° 39′.50W.
- Chart** [*Last correction*].— **1700** [262/02]
Spanish Chart 4710 (HH.361/490/03).

445 MEDITERRANEAN SEA — Spain, East Coast — Cabo de la Nao to Tarragona Eastwards — Marine and Integral Reserves

- Insert the accompanying note, MARINE AND INTEGRAL
RESERVES, centred on: 40° 39′.00N., 0° 15′.00W.
- Chart** [*Last correction*].— **1701** [181/02]
Spanish Chart 4831 (HH.361/580/02).

446 MEDITERRANEAN SEA — Italy, West Coast — Approaches to Castellammare di Stabia — Pilot boarding place

- Insert ① (a) 40° 42′.60N., 14° 27′.35E.
(b) 40° 42′.70N., 14° 27′.39E.
- Chart** [*Last correction*].— **916** (plan, Approaches to Castellammare di Stabia and Torre Annunziata) (a) [4691/01] — **908** (b) [185/02]
Admiralty List of Radio Signals Vol. 6 (3), 2000/01: (3/02)
Italian Notice 21.25/01 (HH.369/650/03).

447 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Golfo di Manfredonia — Buoy; Legends

- Delete special pillar light–buoy with topmark, Q.Y (a) 41° 38′.40N., 15° 57′.00E.
legend, 3 Mooring Buoys close W. of (a) above
legend, Fertilizer Berth close NE. of (a) above
legend, maximum draught 6.4m, centred on: 41° 36′.77N., 15° 55′.14E.
legend, maximum draught 8.2m, centred on: 41° 37′.03N., 15° 56′.40E.
legend, maximum draught 9.8m, centred on: 41° 36′.10N., 15° 56′.93E.
- Chart** [*Last correction*].— **1443** (plan, Manfredonia) & (plan, Approaches to Barletta and Manfredonia) (a) [4262/01]
Italian Notice 23.5/01 (HH.370/500/03).

448 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Giulianova Northeastwards — Well; Platform; Submarine pipelines

- Insert ○ Well (a) 42° 53′.7N., 14° 14′.8E.
□ (lighted), *Emilio* (b) 42° 56′.0N., 14° 14′.6E.
submarine pipeline joining: (c) 42° 50′.4N., 14° 09′.2E.
(□ (lighted))
(d) 42° 52′.6N., 14° 13′.1E.
(S. border)
(e) (a) above
and
(f) (c) above
(g) 42° 52′.6N., 14° 11′.3E.
(S. border)
(h) (b) above

Chart [*Last correction*].— **200** (a–c,e,f,h) [4262/01] — **220** (a,b,d,e,g,h) [4692/01]
Light List Vol. E, 2001/02, 7440
Italian Notice 22.11/01 (HH.370/520/04).

II

449 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Barbara Oil Field Southeastwards — Platforms; Submarine pipelines

- | | | |
|--------|--|---|
| Insert | ☐ (lighted), <i>Clara N</i>
submarine pipeline joining: | (a) 43° 56'·2N., 13° 58'·6E.
(b) 43° 35'·5N., 14° 21'·6E.
(☐ (lighted))
(c) 43° 53'·9N., 14° 09'·2E.
(☐ (lighted))
(d) 44° 04'·6N., 13° 46'·9E.
(☐ (lighted)) |
| Delete | legend, <i>Gas</i> (see Note)
☐ (lighted) <i>Calpurnia</i>
submarine pipeline joining: | (e) along (b)–(c) above
(f) 43° 36'·0N., 14° 09'·2E.
(g) (b) above
(h) 44° 03'·0N., 13° 48'·9E.
(☐ (lighted)) |
| | legend, <i>Gas</i> (see Note) | (i) along (g)–(h) above |

Chart [*Last correction*].— **200** (f) [448/02] — **220** (a–e,g–i) [448/02]

Light List Vol. E, 2001/02, 7455, 7486

Italian Notice 22.12/01 (HH.180/470/04).

450 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Ravenna Eastwards — Platforms; Submarine pipelines; Radar beacon

- | | | |
|--------|---|--|
| Insert | ☐ (lighted), <i>PCMS 2</i>
submarine pipeline joining: | (a) 44° 22'·05N., 12° 34'·65E.
44° 20'·85N., 12° 35'·32E.
(☐ (lighted))
(b) 44° 22'·00N., 12° 34'·51E.
44° 22'·50N., 12° 34'·20E.
(restricted limit)
and
(a) above
(b) above |
| Amend | radar beacon to, <i>Racon (U)</i> | 44° 28'·8N., 12° 27'·2E.
(☐ (lighted) <i>Armida</i>) |
| Delete | ☐ (lighted) RM 4
☐ (lighted) RM 7 | 44° 24'·7N., 12° 23'·8E.
44° 24'·7N., 12° 24'·4E. |

Chart [*Last correction*].— **1467** [4692/01]

Light List Vol. E, 2001/02, 7440, 7518.5

Admiralty List of Radio Signals Vol. 2, 2001: 70260 (24/01)

Italian Notice 23.7/01 (HH.368/180/02).

451 MEDITERRANEAN SEA — Adriatic Sea — Italy, East Coast — Ravenna Northeastwards — Submarine pipeline

- | | | |
|--------|-------------------------------|---|
| Insert | submarine pipeline joining: | (a) 44° 31'·8N., 12° 31'·6E.
(restricted limit)
(b) 44° 41'·3N., 12° 50'·8E.
(☐ (lighted)) |
| | legend, <i>Oil</i> (see Note) | along (a)–(b) above |

Chart [*Last correction*].— **1467** [450/02] — **204** [69/02]

Italian Notice 22.13/01 (HH.180/470/04).

452 MEDITERRANEAN SEA — Greece, West Coast — Ákra Mýtikas Southwards — Outfall

- | | | |
|--------|----------------------|---|
| Insert | outfall joining: | (a) 38° 59'·05N., 20° 42'·43E.(shore)
(b) 38° 58'·60N., 20° 41'·48E. |
| | legend, <i>Sewer</i> | along (a)–(b) above |

Chart [*Last correction*].— **2405 (plan A, Approaches to Díoriga Lefkádos and Préveza)** [5101/01]

Greek Notice 11/296/01 (HH.381/410/03).

II

453 MEDITERRANEAN SEA — Greece, West Coast — Nísos Zákynthos, East Coast to Ákra Tripití — Stenó Zakínthou — Submarine power cables

Insert submarine power cable joining:

(a) 37° 46'·40N., 20° 54'·55E.(shore)
 (b) 37° 46'·98N., 20° 55'·33E.
 (c) 37° 47'·02N., 20° 55'·50E.
 (E. border)
 and
 (d) (a) above
 (e) 37° 46'·93N., 20° 55'·40E.
 (f) 37° 46'·97N., 20° 55'·50E.
 (E. border)
 and
 (g) (a) above
 (h) 37° 46'·87N., 20° 55'·43E.
 (i) 37° 46'·88N., 20° 55'·50E.
 (E. border)
 and
 (j) (a) above
 (k) 37° 46'·82N., 20° 55'·50E.
 (E. border)
 (l) 37° 47'·72N., 20° 58'·18E.
 (m) 37° 48'·03N., 21° 04'·97E.
 (n) 37° 50'·42N., 21° 07'·08E.(shore)

Chart [*Last correction*].— **2404 (plan, Órmos Zakínthou)** (a–k) [4693/01] — **203** (a,h,l–n) [4264/01] — **189** (a,h,l–n) [3783/01]

Greek Notices 11/297–298/01 (HH.381/450/03).

454 MEDITERRANEAN SEA — Aegean Sea — Greece — Thermaikós Kólpos — Paralía Katerínis Eastwards — Buoy

Insert special pillar light–buoy, *Fl.Y* 40° 15'·0N., 22° 43'·0E.

Chart [*Last correction*].— **1085** [927/01]

Greek Notice 11/305/01 (HH.382/440/02).

455 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Páros — Órmos Paroikías — Depths

Substitute depth 7m for depth 58 m 37° 05'·15N., 25° 08'·37E.

Chart [*Last correction*].— **1539 (plan, Stenó Andipárou with Órmos Paroikías)** [5100/01]

Greek Notice 11/302/01 (HH.385/430/03).

456 MEDITERRANEAN SEA — Aegean Sea — Greece — Nísos Léros — Órmos Lakkí — Mooring buoys

Substitute orange and white  *Fl.5s*, for orange and white  37° 07'·22N., 26° 50'·85E.
 37° 07'·28N., 26° 50'·33E.

Chart [*Last correction*].— **1531 (plan H, Órmos Lakkí)** [4144/01]

Greek Notice 11/308/01 (HH.384/400/04).

457 BLACK SEA — Russia — Approaches to Sochi — Outfall

Insert outfall joining: 43° 35'·07N., 39° 42'·95E.
 (existing outfall)
 43° 34'·72N., 39° 41'·60E.

Chart [*Last correction*].— **3312** [4596/01]

Russian Notice 50/7834/01 (HH.305/460/03).

458 BLACK SEA — Turkey — Approaches to Hopa — Camlı Burnu — Light

Amend light to, *Fl(2)15s23m18M* (a) 41° 22'·4N., 41° 20'·6E.
 range of light to, *18M* (b) (a) above

Chart [*Last correction*].— **1279 (plan H, Approaches to Hopa)** (a) [4999/01] — **2236** (a) [189/02] — **2214** (b) [73/02]

Light List Vol. E, 2001/02, 5780

Turkish Notice 47/235/01 (HH.391/450/02).

459 BLACK SEA — Turkey — Trabzon Northwestwards — Işıklı Burnu — Light

Amend light to, *Fl.10s30m18M* (a) 41° 06'·5N., 39° 25'·1E.
 range of light to, *18M* (b) (a) above

Chart [*Last correction*].— **1279 (plan B, Approaches to Trabzon)** (a) [458/02] — **2236** (a) [458/02] — **2214** (b) [458/02]

Light List Vol. E, 2001/02, 5786

Turkish Notice 47/236/01 (HH.391/450/02).

II

460 MEDITERRANEAN SEA — Turkey, South–East Coast — İskenderun Körfezi — Yassi Tepe Westwards — Light

Amend light to, *Fl.10s55m18M* 36° 32'·3N., 36° 03'·1E.

Chart [*Last correction*].— **2185** [5168/01] — **2632** [5168/01]

Light List Vol. E, 2001/02, 5916

Turkish Notice 47/240/01 (HH.389/490/02).

461 MEDITERRANEAN SEA — Algeria — Cap Bougaroun Westwards — Buoy

Insert special spherical light–buoy with topmark, *Fl(5)Y.20s* 36° 51'·2N., 5° 54'·5E.

Chart [*Last correction*].— **252** [463/99]

Algerian Notice 22/4/01 (HH.408/480/02).

462 AFRICA, West Coast — Morocco, West Coast — Mohammedia — Cap de Fédala — Depth; Works; Light

Insert depth 5₄ m and extend 10m contour E. to enclose (a) 33° 43'·43N., 7° 23'·41W.
(b) 33° 43'·59N., 7° 23'·51W.

Delete limit of works area, pecked line and associated legend, Works in progress (1988), centred on: (c) 33° 43'·38N., 7° 23'·27W.
(d) 33° 43'·5N., 7° 23'·4W.
(e) 33° 43'·0N., 7° 23'·9W.
(f) 33° 43'·14N., 7° 24'·00W.

★ *Fl(2+1)18s29m21M*

★ *Fl(2+1)18s29m21M*, (chart 3132, ★ *Fl(2+1)21M*)

Chart [*Last correction*].— **861 (plan A, Mohammedia)** (a,c,e) [1835/01] — **860** (b,d,f) [1835/01] — **856** (f) [4461/00] — **3132** (f) [5090/01]

Light List Vol. D, 2001/02, 2558

French Notice 51/31/01 (HH.417/490/03).

463 AFRICA, West Coast — Morocco, West Coast — Jorf Lasfar Northwards — Lights

Insert ★ *Dir.Fl(3)WRG.6s6M* (a) 33° 08'·9N., 8° 37'·0W.

Amend light to, *Fl(3)12s31m15M* (b) 33° 09'·8N., 8° 37'·7W.

light to, *Fl(3)15M* (c) 33° 10'·0N., 8° 37'·5W.

Delete sectors at light (d) (b) above

Chart [*Last correction*].— **862 (plan, Approaches to Al Jadida and Jorf Lasfar)** (a,b,d) [4147/01] — **3132** (c) [462/02] — **3133** (c) [3578/01]

Light List Vol. D, 2001/02, 2590, 2590.5

French Notice 50/46/01 (HH.417/460/02).

464* AFRICA, West Coast — Angola — Pacassa Oilfield Eastwards — Moored storage tanker

Insert ☞ (lighted), *Canuku Terminal* (see Note) 7° 05'·7S., 12° 28'·2E.

Chart [*Last correction*].— **604** [4802/01]

Light List Vol. D, 2001/02, 8634.65

Oceanengineering International (HH.447/180/07).

465 AFRICA, East Coast — Somalia — Ras Mabber Eastwards to Ras Lansciunle Northeastwards — Depths

Insert depth 10₅ fm (a) 2° 43'·40N., 46° 21'·97E.
(b) 2° 42'·85N., 46° 21'·29E.
(c) 5° 21'·47N., 48° 32'·85E.
(d) 5° 43'·60N., 49° 17'·40E.
(e) 1° 04'·00N., 44° 13'·50E.

depth 19fm enclosed by 20fm contour (f) 3° 25'·50N., 47° 15'·00E.

depth 241fm (g) 2° 17'·30N., 46° 11'·30E.

depth 200fm (h) 0° 17'·80N., 43° 20'·00E.

depth 6₁ fm (i) 7° 58'·20N., 49° 52'·60E.

depth 26fm (j) 9° 28'·50N., 50° 56'·00E.

depth 53fm (k) 7° 53'·10N., 50° 06'·80E.

Delete depth 374fm (l) close SW. of (e) above

depth 28fm (m) close NW. of (f) above

depth 28fm (n) close N. of (j) above

depth 63fm (o) close N. of (k) above

Chart [*Last correction*].— **2950 (plan, Obbia)** (c) **(plan, Eil Marina)** (i) & **(plan, Itala)** (a,b) [2986/93] — **2952** (e–h,l,m) [177/99] — **2953** (d,f,j,k,m–o) [3786/01]

Russian Charts 42672, 42674 & 42675 and U.S. Chart 61250 (HH.470/430/02).

II

466 AFRICA, East Coast — Somalia — Raas Casey Southwards to Raas Binna Northeastwards — Depths

Insert	depth 51m, (chart 2954, depth 28fm)	(a)	11° 42'·40N., 51° 24'·50E.
	depth 66m, (chart 2954, depth 36fm)	(b)	11° 33'·60N., 51° 26'·80E.
	depth 82m enclosed by 100m contour, (chart 2954, depth 45fm)	(c)	11° 20'·75N., 51° 27'·75E.
	depth 104 m and extend 200m contour SE. to enclose, (chart 2954, depth 57fm and extend 100fm contour SE. to enclose)	(d)	11° 18'·70N., 51° 28'·25E.
Delete	depth 32fm		close S. of (a) above
	depth 38fm		close SW. of (b) above
	depth 106fm		close SE. of (c) above
	depth 93fm		close NE. of (d) above

Chart [Last correction].— **100** (a–d) [1557/00] — **2954** [3854/01]
Russian Chart 42080 (HH.483/400/03).

467 RED SEA — Āseb Bay — Scilla Shoals — Depths

Insert	depth 22m	(a)	13° 00'·70N., 43° 02'·85E. 13° 01'·44N., 43° 02'·10E. close N. of (a) above
Delete	depth 26m		

Chart [Last correction].— **1926** [79/02]
Russian Chart 43031 (HH.472/410/02).

468* ARABIA — Iran — Soroosh Oilfield Northwards and Nowrouz Oilfield Northeastwards — Wrecks; Obstructions

Insert	○ Wk, least depth 32m	(a)	29° 08'·60N., 49° 25'·20E.
	○ <i>Obstn</i> PA, least depth 138 m, (chart 2847, ○ <i>Obstn</i> , least depth 138 m)	(b)	29° 08'·47N., 49° 25'·16E.
	○ <i>Obstn</i> , least depth 138 m	(c)	29° 39'·70N., 49° 30'·50E.
	○ Wk PA unsurveyed clearance depth 20m, (charts 2847, 2858 & 4705, ○ Wk unsurveyed clearance depth 20m)	(d)	29° 39'·57N., 49° 30'·46E.
Delete	○ <i>Obstn</i>	(e)	29° 07'·00N., 49° 29'·00E.
		(f)	29° 38'·90N., 49° 29'·80E.

Chart [Last correction].— **1268** (c,f) [2728/01] — **2882** (a,e) [5113/01] — **2884** (b,d–f) [5113/01] — **2847** (a,c,e,f)
[5113/01] — **2858** (a,e) [5113/01] — **4705** (INT 705) (e) [5113/01]
HM Surveying Ship *Beagle* (HH.496/400/05).

469 ARABIA — Iran — Soroosh Oilfield — Anchorage areas; Moored storage tanker

Insert	limit of anchorage area, pecked line, joining:	28° 58'·0N., 49° 29'·0E. 28° 58'·0N., 49° 31'·0E. 29° 00'·0N., 49° 31'·0E. 29° 00'·0N., 49° 29'·0E.
Delete	↔ <i>Soorena</i> , orientated NW./SE., centred on: former limit of anchorage area, pecked line, joining:	29° 01'·1N., 49° 27'·4E. 29° 01'·1N., 49° 28'·1E. 29° 01'·1N., 49° 31'·1E. 28° 59'·1N., 49° 31'·1E. 28° 59'·1N., 49° 28'·1E.

Chart [Last correction].— **2882** [468/02] — **2884** [468/02]
Light List Vol. D, 2001/02, 9118.2
Iranian Notice 12/01 (HH.496/180/03).

409* SINGAPORE STRAIT — Singapore — Tuas Bay — Southern Tuas Basin — Depths; Drying heights; Coastline

Insert	the accompanying block, showing amendments to depths, drying heights and coastline, centred on:	1° 18'·367N., 103° 39'·129E.
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Chart [Last correction].— **4033** [88/02]
Maritime & Port Authority, Singapore (HH.521/400/09).

410* SINGAPORE STRAIT — Singapore — Damar Laut Basin and East Jurong Channel — Alongside depths; Depths

Insert	the accompanying block, showing amendments to alongside depths and depths, centred on:	1° 18'·38N., 103° 42'·95E.
Amend	alongside depth to, 13·3m (2001), centred on:	1° 17'·68N., 103° 44'·27E.
	alongside depth to, 14·6m (2001), centred on:	1° 17'·60N., 103° 44'·44E.

Chart [Last correction].— **4034** [New Chart 11/10/01]
Maritime & Port Authority, Singapore & UK Hydrographic Office (HH.521/400/09).

II

470* SINGAPORE STRAIT — Singapore — Pasir Panjang Terminal — Light-beacons; Buoyage

Insert	starboard-hand light-beacon with topmark, <i>Fl.G.5s5m3M PPT-1</i>	1° 17'·084N., 103° 45'·205E.
	starboard-hand light-beacon with topmark, <i>Fl(2)G.10s5m3M PPT-2</i>	1° 17'·112N., 103° 45'·385E.
Delete	HK-2 light-buoy, Fl.Y.6s	1° 17'·242N., 103° 45'·098E.
	HK-4 light-buoy, Fl.Y.2s	1° 17'·293N., 103° 45'·419E.
	HK-3 light-buoy, Fl.Y.4s	1° 16'·884N., 103° 46'·101E.

Chart [*Last correction*].— **4034** [410/02]

Light List Vol. F, 2001/02, 1700.5, 1700.52

Maritime & Port Authority, Singapore Notices DBNM 7-8/02 (HH.521/405/05).

471 CHINA, South-East Coast — Southern Approaches to Hong Kong — Jiapeng Lie Dao — Wenwei Zhou — Light

Amend	light to, <i>LFl.6s43m16M</i> , (charts 3488 & 3489, <i>LFl.16M</i>)	21° 48'·8N., 113° 56'·2E.
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Chart [*Last correction*].— **3026** [279/02] — **1555** [279/02] — **3488** (INT 552) [277/02] — **3489** (INT 553) [5129/01]

Light List Vol. F, 2001/02, 3515

Chinese Notice 22/328/01 (HH.548/436/04).

472 CHINA, South-East Coast — Zhujiang Kou — Niutou Dao Northwards — Rongshutou — Light

Amend	light to, <i>Fl.8s55m16M</i>	22° 10'·8N., 113° 47'·7E.
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Chart [*Last correction*].— **341** [279/02] — **3026** [471/02]

Light List Vol. F, 2001/02, 3521.35

Chinese Notice 22/329/01 (HH.548/436/04).

473 CHINA, East Coast — Zhoushan Qundao — Nanhui Zui to Sijiaoshan — Submarine cable

Insert	submarine cable joining:	(a) 30° 51'·29N., 121° 50'·46E.(shore)
		(b) 30° 51'·06N., 121° 50'·51E.
		(c) 30° 49'·88N., 121° 56'·10E.
		(d) 30° 48'·00N., 122° 02'·94E.
		(S. border)
		(e) 30° 41'·98N., 122° 25'·41E.(shore)

Chart [*Last correction*].— **1124** (a-c,e) [4704/01] — **1602** (a-d) [4704/01] — **1199** (a-c,e) [4704/01]

Chinese Notice 23/360/01 (HH.548/300/01).

474 CHINA — Yellow Sea — Shandong Bandao — Approaches to Weihai Gang — Anchorage area

Insert	limit of anchorage area, pecked line, joining:	37° 31'·0N., 122° 16'·5E.
		37° 32'·0N., 122° 16'·5E.
		37° 32'·0N., 122° 19'·0E.
		37° 31'·0N., 122° 19'·0E.

Note: The above update will be included in the next New Edition of Chart 1260 to be published shortly.

Chart [*Last correction*].— **1254** [281/02] — **1255** [335/02]

Chinese Notice 23/358/01 (HH.548/509/02).

475 JAPAN — Nansei Shotō — Okinawa Shima — Kin Wan — Buoy

Amend	No 1 light-buoy to, <i>Fl(2)G.6s</i>	26° 25'·0N., 127° 50'·7E.
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Chart [*Last correction*].— **3702** [4156/01]

Japanese Notice 51/1928/01 (HH.566/420/07).

476 JAPAN — Honshū, West Coast — Nyūdō Saki Southeastwards — Kitaura — Light

Amend	range of light to, <i>2M</i>	39° 57'·43N., 139° 47'·83E.
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Chart [*Last correction*].— **1329** [101/02]

Light List Vol. F, 2001/02, 7057.2

Japanese Notice 50/1873/01 (HH.563/405/04).

II

477 JAPAN — Hokkaidō, South Coast — Hakodate Wan — Lights

Insert ★ *Fl.R.3s15m12M*, (main sheet, ★ *Fl.R.3s12M*) (a) 41° 47′.54N., 140° 41′.79E.
(end of breakwater)
Delete ○ R.Lt close N. of (a) above

Chart [*Last correction*].— **1871 (plan, Hakodate Kō) & 1871 (a)** [103/02]

Light List Vol. F, 2001/02, 6707.5

Japanese Notice 51/1915/01 (HH.562/412/02).

478 JAPAN — Hokkaidō, North-East Coast — Ootshibe Misaki — Light

Insert ★ *Fl.G.3s8m6M* 44° 42′.4N., 142° 49′.1E.

Chart [*Last correction*].— **1802** [732/01]

Light List Vol. F, 2001/02, 6893.63

Japanese Notice 51/1916/01 (HH.562/425/03).

479 KOREA, South Coast — Masan — Masan Hang — Chō Do Northwards — Depth

Delete depth 4₉ m enclosed by 5m contour 35° 10′.70N., 128° 34′.95E.

Chart [*Last correction*].— **1259 (plan, Masan)** [336/02]

Korean Notice 51/655/01 (HH.557/455/02).

480 KOREA, South Coast — Pusan — South Outer Harbour — Obstructions

Insert ○ *Obstn*, least depth 20₄ m 35° 02′.60N., 129° 02′.23E.
○ *Obstn*, least depth 33m 35° 01′.42N., 129° 02′.44E.

Chart [*Last correction*].— **1259 (plan, Pusan)** [479/02] — **1065** [4164/01]

Korean Chart 201B (HH.557/461/03).

481 RUSSIA, Pacific Coast — Approaches to Zaliv Nakhodka — Mys Lisuchenko Eastwards — Depths

Substitute depth 3₄ m for depth 4₂ m 42° 41′.20N., 133° 09′.85E.

Chart [*Last correction*].— **3198** [3966/01] — **2432** [3966/01]

Russian Notice 52/8237/01 (HH.570/420/03).

482* INDONESIA — Kalimantan, North-West Coast — Pulau Muri Southwestwards — Wrecks

Insert ○ *Wk*, least depth 30m (a) 1° 48′.55N., 108° 28′.97E.
Delete ⊕ Rep (1990), (chart 3482, ⊕ (1990)) (b) 1° 48′.05N., 108° 31′.10E.
⊕ (c) 1° 49′.00N., 108° 32′.00E.

Chart [*Last correction*].— **3720 (a,b)** [93/01] — **1311 (a,b)** [93/02] — **1336 (a,b)** [4394/01] — **3482 (INT 550) (a,b)** [96/02] — **4508 (INT 508) (c)** [275/02]

V. Skoglie (HH.527/400/02).

483* INDONESIA — Kalimantan, West Coast — Pulau-Pulau Tambelan — Pulau Tambelan Southeastwards — Wreck

Insert ○ *Wk*, least depth 14m 0° 55′.22N., 107° 38′.06E.

Chart [*Last correction*].— **1312** [93/02] — **3482 (INT 550)** [482/02]

V. Skoglie (HH.553/400/03).

484 AUSTRALIA — Satellite derived positions

Substitute the accompanying note, SATELLITE DERIVED POSITIONS,
for the existing note, centred on:

(a) 34° 58′.1S., 117° 43′.5E.
(b) 10° 41′.9S., 142° 12′.1E.
(c) 10° 28′.4S., 150° 25′.7E.
(d) 10° 46′.0S., 153° 18′.0E.
(e) 11° 45′.5S., 97° 06′.0E.
(f) 34° 18′.0S., 138° 27′.0E.
(g) 40° 59′.2S., 148° 01′.8E.
(h) 19° 46′.0S., 121° 54′.0E.
(i) 41° 28′.0S., 147° 05′.0E.
(j) 1° 02′.5S., 149° 37′.5E.

Chart [*Last correction*].— **Aus 118 (a)** [4195/00] — **Aus 294 (b)** [1862/01] — **Aus 629 (c)** [4296/00] — **Aus 568 (d)** [2540/01] — **Aus 606 (e)** [3607/00] — **Aus 781 (f)** [2750/01] — **Aus 798 (g)** [4054/98] — **Aus 324 (h)** [396/01] — **Aus 356 (i)** [4054/98] — **Aus 462 (j)** [1257/00]

Australian Notice 25/695/01 (HH.571/009/01).

II

485 AUSTRALIA — New South Wales — Port Kembla Northwards — Obstruction; Outfall; Depth

Insert depth 4m enclosed by ☉, with legend *Obstn* (a) 34° 26'·63S., 150° 54'·18E.
outfall joining: (a) above
Delete depth 7₆ m 34° 26'·62S., 150° 54'·03E.(shore)
close E. of (a) above

Chart [*Last correction*].— **Aus 195 (plan, Approaches to Port Kembla)** [5133/01]
Australian Notice 25/696/01 (HH.571/009/01).

486 AUSTRALIA — Queensland — Hillsborough Channel — Blackwood Shoals — Depth

Delete depth 0₂ fm enclosed by ☉ Rep (1980) 20° 55'·4S., 149° 09'·8E.

Chart [*Last correction*].— **Aus 370** [300/02]
Australian Notice 25/699/01 (HH.571/009/01).

487 AUSTRALIA — Queensland — Gladys Inlet — Buoyage

Insert special can light–buoy with topmark, *Fl.Y.2·5s* 17° 30'·45S., 146° 05'·05E.
Delete Fairway light–buoy, (main sheet, safe water spherical
light–buoy, LFl.10s) 17° 30'·65S., 146° 05'·11E.

Chart [*Last correction*].— **Aus 829 (plan, Gladys Inlet) & Aus 829** [4921/01]
Australian Notice 25/700/01 (HH.571/009/01).

488 AUSTRALIA — Queensland — Fitzroy Island Southeastwards — Obstruction

Insert 30m contour joining: (a) 16° 58'·00S., 146° 02'·75E.
(b) 16° 56'·75S., 146° 01'·20E.
Substitute ☉ *Obstn*, least depth 30₄ m for ☉ *Obstn*,
(charts Aus 372 and Aus 373, ☉ *Obstn*, least depth 16fm
for ☉ *Obstn*) (c) 16° 57'·3S., 146° 02'·2E.
Delete former 30m contour joining: (a) above
(b) above

Chart [*Last correction*].— **Aus 830** [302/02] — **Aus 372 (c)** [3689/01] — **Aus 373 (c)** [3970/01]
Australian Notice 25/701/01 (HH.571/009/01).

489 AUSTRALIA — Queensland — Thursday Island Southwards — Madge Reefs — Light–beacon

Amend light–beacon to, *Dir Q.Y & Fl.G.2·5s* 10° 35'·80S., 142° 13'·17E.

Note: Former Notice 1891(T)/01 is cancelled.

Chart [*Last correction*].— **Aus 293** [3975/01] — **Aus 299** [3975/01]
Light List Vol. K, 2001/02, 3265
Australian Notice 25/702/01 (HH.571/009/01).

490 PAPUA NEW GUINEA — Basilaki Island — Cape Lookout Eastwards — Depths

Substitute depth 25fm for depth 28fm 10° 34'·9S., 151° 05'·5E.
depth 26fm for depth 25fm 10° 36'·1S., 151° 06'·9E.

Chart [*Last correction*].— **Aus 381** [4923/01]
Australian Notice 25/703/01 (HH.571/009/01).

491 PAPUA NEW GUINEA — Basilaki Island Northeastwards — Shortland Reefs — Light

Move ★ *GpFl(3)12sec36ft10M*, from: 10° 30'·8S., 151° 08'·1E.
to: 10° 30'·55S., 151° 07'·88E.

Chart [*Last correction*].— **Aus 381** [490/02]
Light List Vol. K, 2001/02, 3440
Australian Notice 25/704/01 (HH.571/009/01).

II

492 PAPUA NEW GUINEA — Nuakata Island Westwards and Southwards — Depths; Rock; Legends

Insert	depth 1fm enclosed by 1fm contour	(a)	10° 21'·13S., 151° 01'·37E.
	depth 17fm enclosed by 20fm contour		10° 22'·72S., 151° 00'·62E.
	depth 23fm	(b)	10° 15'·44S., 150° 59'·32E.
Substitute	depth 27fm for depth 23fm, Rep (1981)		10° 19'·2S., 151° 00'·3E.
Delete	⊗	(c)	10° 21'·5S., 151° 01'·3E.
	legend, Rep (1981), centred on:		10° 20'·2S., 151° 00'·8E.
	depth 22fm Rep (1981)		10° 18'·4S., 150° 59'·6E.
	depth 18fm enclosed by 20fm contour, Rep (1981)		10° 17'·5S., 150° 58'·7E.
	depth 14fm enclosed by 20fm contour, Rep (1981)		10° 17'·2S., 150° 58'·5E.
	depth 17fm enclosed by 20fm contour, Rep (1981)		10° 16'·5S., 150° 58'·8E.
			10° 16'·2S., 150° 58'·9E.
	depth 26fm Rep (1981)		10° 15'·4S., 150° 59'·0E.
	depth 30fm		close NE. of (b) above
	legend, Rep (1982), centred on:		10° 14'·8S., 150° 58'·8E.
	depth 19fm enclosed by 20fm contour, Rep (1981)		10° 14'·5S., 150° 58'·6E.
	depth 22fm Rep (1982)		10° 14'·1S., 150° 58'·7E.

Chart [*Last correction*].— **Aus 629** [484/02] — **Aus 381** (a,c) [491/02]

Australian Notice 25/705/01 (HH.571/009/01).

493 AUSTRALIA — Northern Territory — Sir Edward Pellew Group — Vanderlin Island Southeastwards — Wreck; Depth

Insert	⊙ Wk, least depth 3 ₅ fm	(a)	15° 55'·10S., 137° 35'·72E.
Delete	depth 10 ₄ fm		close N. of (a) above

Chart [*Last correction*].— **Aus 410** [5133/01]

Australian Notice 25/706/01 (HH.571/009/01).

494 AUSTRALIA — Western Australia — Barrow Island Southwards — Ripple Shoals to Barrow Island Shoals Westwards — Depths

Insert	depth 3 ₁ m and extend 5m contour S. to enclose	(a)	21° 07'·39S., 115° 19'·28E.
	depth 3 ₉ m enclosed by 5m contour	(b)	21° 07'·65S., 115° 23'·00E.
		(c)	21° 07'·73S., 115° 22'·94E.
	depth 2 ₄ m	(d)	21° 06'·90S., 115° 24'·35E.
	depth 4m enclosed by 5m contour	(e)	21° 10'·30S., 115° 21'·45E.
	depth 4m and extend 5m contour N. to enclose	(f)	21° 10'·38S., 115° 21'·39E.
	depth 7 ₅ m and extend 10m contour S. to enclose	(g)	21° 10'·83S., 115° 22'·30E.
Substitute	depth 5 ₃ m for depth 5 ₅ m SD	(h)	21° 10'·1S., 115° 21'·2E.
	depth 3 ₁ m for depth 3 ₄ m	(i)	21° 07'·5S., 115° 19'·2E.
	depth 2 ₄ m for depth 3 ₃ m	(j)	21° 07'·0S., 115° 24'·3E.
Delete	depth 3 ₅ m SD	(k)	close N. of (a) above
	depth 3 ₁ m	(l)	21° 07'·0S., 115° 24'·1E.
	depth 3 ₁ m enclosed by 5m contour,		
	(chart Aus 328, depth 3 ₃ m)	(m)	21° 10'·2S., 115° 20'·2E.
	depth 10 ₃ m	(n)	close S. of (g) above
	depth 5 ₁ m	(o)	close S. of (c) above

Chart [*Last correction*].— **Aus 743** (a,b,d,e,g,h,k-n) [4722/01] — **Aus 328** (c,f,i,j,m,o) [303/02]

Australian Notice 25/707/01 (HH.571/009/01).

495 AUSTRALIA — Western Australia — Fremantle Northwards — Swanbourne — Buoyage

Insert	special spar buoy	31° 57'·133S., 115° 44'·444E.
		31° 56'·786S., 115° 44'·975E.
		31° 56'·792S., 115° 44'·448E.
		31° 56'·890S., 115° 44'·009E.
		31° 57'·321S., 115° 43'·793E.
		31° 57'·873S., 115° 43'·786E.
		31° 58'·308S., 115° 43'·989E.
		31° 58'·415S., 115° 44'·416E.

Chart [*Last correction*].— **Aus 112** [5133/01]

Australian Notice 25/708/01 (HH.571/009/01).

II

496 AUSTRALIA — South Australia — Approaches to Port Vincent — Rogues Point to Oyster Point — Marine farms; Depths

Insert	the accompanying note, MARINE FARMS, centred on:	(a) 35° 18' 55S., 138° 40' 00E.
	symbol, marine farm	(b) 34° 20' 58S., 138° 27' 00E.
		(c) 34° 54' 43S., 137° 49' 73E.
		(d) 34° 53' 81S., 137° 50' 36E.
		(e) 34° 53' 17S., 137° 51' 00E.
		(f) 34° 53' 80S., 137° 47' 94E.
		(g) 34° 53' 32S., 137° 48' 09E.
		(h) 34° 52' 88S., 137° 48' 20E.
		(i) 34° 51' 68S., 137° 48' 72E.
		(j) 34° 51' 04S., 137° 49' 07E.
		(k) 34° 46' 16S., 137° 53' 76E.
		(l) 34° 43' 17S., 137° 52' 58E.
		(m) 34° 52' 87S., 137° 48' 08E.
		(n) 34° 51' 67S., 137° 48' 60E.
		(o) 34° 51' 03S., 137° 48' 95E.
		(p) 34° 46' 15S., 137° 53' 64E.
		(q) 34° 43' 16S., 137° 52' 46E.
		(r) 34° 38' 62S., 137° 53' 66E.
		(s) 34° 02' 09S., 137° 53' 29E.
		(t) 34° 31' 47S., 137° 53' 19E.
		(u) 34° 30' 86S., 137° 53' 24E.
Delete	depth 0 ₄ fm	(v) close N. of (f) above
	depth 0 ₁ fm	(w) close N. of (g) above

Chart [*Last correction*].— **Aus 780** (a,c–l,v,w) [4919/01] — **Aus 781** (b,m–u) [484/02]
 Australian Notice 25/709/01 (HH.571/009/01).

497 NEW ZEALAND — South Island, East Coast — Timaru Dashing Rocks Southwards — Lights

Amend	range of light to, 9M	(a) 44° 26' 58S., 171° 15' 65E.
Delete	★ Fl(4)20s31m19M, (chart NZ 6422, main sheet, ★ Fl(4)20s19M), (chart 4648, ★ Fl(4)19M), (charts 4600 & 4601, ★)	(b) 44° 22' 64S., 171° 15' 040E.

Chart [*Last correction*].— **NZ 6422 (plan, Timaru Harbour) (b) & NZ 6422 (b)** [*New Edition 1/4/99*] — **NZ 64 (b)** [4092/00] — **4648** (INT 648) [112/02] — **4600** (INT 600) (b) [793/00] — **4601** (INT 601) (b) [3356/99]
 Light List Vol. K, 2001/02, 4327, 4340
 New Zealand Notice 30/247/01 (HH.580/009/01).

498 NEW ZEALAND — South Island, North Coast — Port Motueka — Light

Delete	★ F.G.9M	41° 08' 31S., 173° 01' 38E.
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Chart [*Last correction*].— **NZ 61** [112/02]
 Light List Vol. K, 2001/02, 4215
 New Zealand Notice 30/248/01 (HH.580/009/01).

499 NEW ZEALAND — Miscellaneous chart corrections

Insert	magenta chart limit and chart number, NZ 6912, joining:	46° 59' 59S., 168° 19' 99E.
		47° 10' 09S., 168° 19' 99E.
		47° 10' 09S., 167° 59' 79E.
		46° 59' 59S., 167° 59' 79E.
		and
		47° 08' 09S., 167° 45' 00E.
		(W. border)
		47° 08' 09S., 167° 49' 69E.
		47° 18' 49S., 167° 49' 69E.
		47° 18' 49S., 167° 45' 00E.
		(W. border)
Delete	magenta chart limit and chart number, NZ 6842, centred on:	47° 07' 6S., 168° 15' 2E.
		47° 08' 4S., 168° 08' 6E.

Chart [*Last correction*].— **NZ 68** [404/99]
 New Zealand Notice 31/254/01 (HH.580/009/01).

500 NEW ZEALAND — North Island, East Coast — Rotorua Island Westwards — Waiheke Channel — Stake

Delete	symbol for stake at rock which covers and uncovers	36° 48' 80S., 175° 11' 23E.
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Chart [*Last correction*].— **NZ 5324** [2752/01]
 New Zealand Notice 31/255/01 (HH.580/009/01).

II

501 NEW ZEALAND — Stewart Island Southwards — North Trap and South Trap — Legends; Depth; Rock

Amend	legend to, <i>North Trap</i> (0·5), centred on:	(a)	47° 23'·0S., 168° 00'·0E.
		(b)	47° 23'·0S., 168° 25'·0E.
	legend to, <i>South Trap</i> (1·0), centred on:	(c)	47° 34'·0S., 167° 45'·0E.
		(d)	47° 37'·0S., 167° 57'·0E.
Substitute	depth 4 ₆ m for +	(e)	47° 28'·7S., 167° 50'·6E.
	depth 4 ₆ m enclosed by ○ for ⊕	(f)	47° 28'·7S., 167° 49'·0E.
Delete	legend, PA (1862)	(g)	47° 27'·0S., 167° 42'·0E.
		(h)	47° 30'·0S., 168° 05'·0E.

Chart [*Last correction*].— **4648** (INT 648) (a,c,e,g) [497/02] — **4600** (INT 600) (b,d,f,h) [497/02] — **4601** (INT 601) (b,d,f,h) [497/02]

New Zealand Notice 31/256/01 (HH.580/009/01).

502 SOUTH PACIFIC OCEAN — Nouvelle Calédonie — Approaches to Nouméa — Îlot Maître Westwards — Wreck; Depth

Substitute ⊕ for depth 18m 22° 20'·19S., 166° 22'·13E.

Chart [*Last correction*].— **2907** [4501/01]

French Notice 51/37/01 (HH.585/570/03).

503 NORTH AMERICA, West Coast — Alaska — Clarence Strait — Key Reef Southwards — Depth

Insert depth 5½ fm enclosed by ○ 56° 08'·75N., 132° 49'·40W.

Chart [*Last correction*].— **4972** [*New Chart* 27/9/01]

U.S. Chart 17360 (HH.611/400/03).

504 NORTH AMERICA, West Coast — Oregon and Washington — Columbia River — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Entrance to Miller Sands Range) for existing table, centred on: 46° 17'·1N., 123° 36'·7W.

Chart [*Last correction*].— **2839 (panel A)** [5016/01]

U.S. Notice 3/18521/02 (HH.612/011/2002).

505 NORTH AMERICA, West Coast — California — San Pablo Bay — Suisun Bay Eastwards — McAvoy — Light

Delete ★ Fl.G.6s10ft '1' 38° 02'·9N., 121° 57'·4W.

Chart [*Last correction*].— **590** [4509/01]

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U.S. Notice 1/18656/02 (HH.612/430/05).

506 NORTH AMERICA, West Coast — California — San Francisco Harbor — Richmond Harbor and Southampton Shoal — Channel depths

Substitute the accompanying table, CHANNEL DEPTHS (Richmond Harbor and Southampton Shoal) for existing table, centred on: 37° 57'·4N., 122° 19'·5W.

Chart [*Last correction*].— **591** [310/02]

U.S. Notice 3/18653/02 (HH.612/011/2002).

507 NORTH AMERICA, West Coast — California — San Diego Westwards — Buoy

Delete blue and white can light-buoy, Fl.6s 32° 41'·0N., 117° 57'·1W.

Chart [*Last correction*].— **3056** [4186/01]

UK Hydrographic Office (HH.612/410/08).

508 NORTH AMERICA, West Coast — California — San Nicolas Island, North Coast and South Coast — Lights

Delete ★ Fl.6s50ft6M PA 33° 13'·0N., 119° 28'·2W.
★ Fl.5s33ft10M PA 33° 15'·5N., 119° 27'·9W.

Chart [*Last correction*].— **899** [4510/01]

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U.S. Notice 1/18755/02 (HH.612/410/08).

II

509 NORTH AMERICA, West Coast — California — South San Diego Bay — Mole Pier Northwestwards — Depth

Insert depth 27ft enclosed by 36ft contour 32° 40'·46N., 117° 07'·76W.

Chart [*Last correction*].— **2885 (plan, San Diego Bay)** [3047/01]

U.S. Chart 18773 (HH.612/400/03).

510 SOUTH AMERICA, West Coast — Peru — Puerto Supe — Bahía Supe — Buoy

Delete E. cardinal pillar buoy 10° 47'·66S., 77° 45'·24W.

Chart [*Last correction*].— **3083 (plan A, Puerto Supe)** [5150/01]

Peruvian Notice 11/122/01 (HH.643/460/02).

511 SOUTH AMERICA, West Coast — Peru — Approaches to Puerto Callao — Wrecks; Light; Buoyage

Insert		(a) 11° 59'·99S., 77° 08'·47W.
	★ <i>Fl(3)15s4m4M</i>	(b) 12° 04'·177S., 77° 10'·678W.
Delete	isolated danger light–buoy, <i>Fl(2)15s</i>	(c) 400m WNW. of (b) above
		(d) 12° 02'·24S., 77° 09'·38W.
	isolated danger light–buoy, <i>Fl.3s</i>	(e) close ESE. of (d) above

Chart [*Last correction*].— **1853 (plan, Puerto Callao) (b–e) & 1853 (a–d)** [4419/01]

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Peruvian Notices 9/90–91/01 & 11/123–124/01 (HH.643/452/04).

512 SOUTH AMERICA, East Coast — Chile — Estrecho de Magallanes — Península Brunswick — Cape Froward — Light

Amend light to, *Fl.3s69ft7M*, (chart 554, *Fl.7M*) 53° 53'·9S., 71° 18'·2W.

Chart [*Last correction*].— **1281** [4824/01] — **554** [393/02]

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Chilean Notice 11/209/01 (HH.648/430/03).

513 SOUTH AMERICA, East Coast — Argentina — Cabo Corrientes and Puerto Mar del Plata — Light; Depths

Amend	range of light to, <i>10M</i>	(a) 38° 01'·05S., 57° 31'·40W.
Substitute	depth 4 ₃ fm for depth 6fm	(b) 38° 01'·90S., 57° 30'·68W.

Chart [*Last correction*].— **531 (plan, Puerto Mar del Plata) (b) & (plan, Approaches to Mar del Plata) (a)** [3051/01]

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Argentine Notice 22/221/01 (HH.650/410/03).

514 SOUTH AMERICA, East Coast — Brazil, North Coast — Porto de Belém — Baía de Guajará — Seaplane landing area

Delete	limit of seaplane landing area, pecked line, and associated legend, Seaplane Landing Area, joining:	(a) 1° 22'·40S., 48° 31'·20W.
		(b) 1° 22'·55S., 48° 31'·23W.
		(N. border)
		(c) 1° 24'·78S., 48° 31'·23W.
		(d) 1° 24'·78S., 48° 30'·52W.
		(e) 1° 22'·55S., 48° 30'·52W.
		(N. border)
		(f) 1° 22'·40S., 48° 30'·50W.

Chart [*Last correction*].— **397 (plan C, Porto de Belém) (b–e) & (plan B, Approaches to Porto de Belém) (a,c,d,f)** [4087/01]

Brazilian Notice 22/183/01 (HH.659/421/03).

515 CARIBBEAN SEA — Colombia, North Coast — Approaches to Cartagena — Isla Tierra Bomba — Light

Amend light to, *Fl(3)7s107m27M*, (chart 396, *Fl(3)7s27M*) 10° 20'·40N., 75° 34'·85W.

Chart [*Last correction*].— **2434** [2648/01] — **1277** [4937/01] — **396** [5022/01]

Light List Vol. J, 2001/02, 6166

U.S. Notice 52/24510/01 (HH.640/441/04).

II

516* WEST INDIES — Barbados, West Coast — Harrison Point Southwestwards to Needhams Point Southeastwards — Wrecks; Outfall; Depths; Marine farm; Buoyage

Insert	 outfall joining: legend, <i>Outfall</i> depth 16 ₂ m enclosed by 20m contour depth 11 ₆ m depth 17 ₇ m enclosed by 20m contour depth 17 ₁ m enclosed by 20m contour depth 19 ₇ m enclosed by 20m contour symbol, marine farm  orange conical buoy depth 20 ₇ m and extend 50m contour S. to enclose depth 21 ₄ m enclosed by 50m contour and extend 100m contour S. to enclose	(a) 13° 04'·280N., 59° 36'·415W. (b) 13° 04'·728N., 59° 36'·790W.(shore) (c) 13° 04'·669N., 59° 37'·081W. (d) 13° 04'·659N., 59° 37'·260W. (e) along (b)–(d) above (f) 13° 17'·645N., 59° 39'·849W. (g) 13° 17'·430N., 59° 39'·538W. (h) 13° 17'·300N., 59° 39'·750W. (i) 13° 17'·182N., 59° 39'·700W. (j) 13° 17'·039N., 59° 39'·510W. (k) 13° 16'·358N., 59° 39'·099W. (l) 13° 15'·371N., 59° 38'·850W. (m) 13° 15'·371N., 59° 38'·861W. (n) 13° 03'·55N., 59° 34'·98W.
Delete	 orange conical buoy depth 51m	(o) 13° 03'·25N., 59° 34'·25W. (p) close SW. of (a) above (q) 13° 15'·90N., 59° 38'·30W. (r) close W. of (q) above (s) close N. of (o) above

Chart [*Last correction*].— **502 (plan, Bridgetown Harbour and Approaches) (a–e,p) & (plan, Speightstown including Arawak Jetty) (f–m,q,r)** [2718/00] — **2485 (n,o,s)** [3166/95]
Barbados Port Authority (HH.671/730/02).

517 GULF OF MEXICO — Texas — Approaches to Port Brownsville — Brazos Santiago Pass — Radar beacon

Insert	radar beacon, <i>Racon(B)</i> , at 'BS' light–buoy	26° 03'·94N., 97° 06'·59W.
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Chart [*Last correction*].— **3184 (panel C)** [5024/01] — **3849** [5155/01]
Admiralty List of Radio Signals Vol. 2, 2001: 95640 (5/02)
U.S. Chart 11301 (HH.615/400/03).

518 GULF OF MEXICO — Texas — Southern Approaches to Corpus Christi — Platforms

Delete	 (lighted)	27° 23'·8N., 96° 55'·8W. 27° 22'·2N., 96° 55'·9W.
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Chart [*Last correction*].— **3849** [517/02]
U.S. Chart 11307 (HH.616/183/04).

519 GULF OF MEXICO — Texas — Matagorda Ship Channel — Submarine pipelines; Platform; Wreck

Insert	submarine pipeline joining:	28° 17'·0N., 96° 12'·2W. () 28° 15'·0N., 96° 14'·9W. (limit of anchorage area) and 28° 20'·3N., 96° 12'·6W. 28° 16'·8N., 96° 09'·0W. 28° 17'·8N., 96° 07'·7W. () and 28° 11'·2N., 96° 02'·7W. () 28° 11'·4N., 96° 06'·1W. (fairway limit)
Delete	 (lighted)  PD	28° 22'·8N., 96° 08'·8W. 28° 22'·0N., 96° 12'·0W.

Chart [*Last correction*].— **3849** [518/02]
U.S. Chart 11316 (HH.616/183/04).

II

520 GULF OF MEXICO — Louisiana — Approaches to Calcasieu Pass — Submarine pipelines; Platforms

Insert	submarine pipeline joining:	(a) 29° 27′·04N., 93° 13′·07W. (existing pipeline)
		(b) 29° 27′·89N., 93° 12′·22W. (fairway limit)
	☐ (lighted)	(c) 29° 34′·20N., 93° 09′·75W.
		(d) 29° 25′·9N., 93° 14′·9W.
		(e) 29° 24′·5N., 93° 18′·2W.
		(f) 29° 16′·3N., 93° 00′·0W.
		(g) 29° 15′·4N., 95° 51′·7W.
Substitute	☐ (lighted) for ☐ (under const)	(h) 29° 18′·70N., 93° 09′·70W.
Delete	submarine pipeline joining:	(i) 29° 27′·87N., 93° 21′·70W. (W. border)
		(j) 29° 32′·74N., 93° 11′·96W. (E. border)
		and
		(k) (a) above
		(l) 29° 28′·60N., 93° 11′·96W. (E. border)

Chart [*Last correction*].— **3190 (panel A)** (a,b,i–l) [213/02] — **3854** (c–h) [5156/01]
U.S. Chart 11344 (HH.616/183/04).

521 GULF OF MEXICO — Louisiana — Approaches to the Mississippi River — South Pass Eastwards — Well; Buoy

Insert	 Well starboard–hand pillar light–buoy, Q.R Horn	(a) 28° 59′·32N., 89° 04′·93W. close SW. of (a) above
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Chart [*Last correction*].— **3382 (panel 1)** [4307/01]
U.S. Notice 3/11361/02 (HH.616/180/2002).

522 GULF OF MEXICO — Florida — St Andrew Bay — Alligator Point Southwards — Depth

Delete	depth 14ft	30° 07′·82N., 85° 43′·29W.
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Chart [*Last correction*].— **3148 (plan, St Andrew Bay)** [338/02]
U.S. Notice 1/11391/02 (HH.615/465/04).

523 GULF OF MEXICO — Florida — Apalachee Bay Southwards — Fish haven

Insert	 (6)	29° 38′·7N., 83° 54′·5W.
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Chart [*Last correction*].— **3852** [4948/01]
U.S. Notice 2/11405/02 (HH.615/470/02).

524 NORTH AMERICA, East Coast — Florida — St Johns River — Mayport Basin — Dolphins; Mooring buoy

Move	☐ from: to:	(a) 30° 23′·66N., 81° 24′·39W. 30° 23′·65N., 81° 24′·35W.
Delete	 ☐	(b) close SW. of (a) above close SW. of (b) above

Chart [*Last correction*].— **2808 (panel A)** [4952/01]
U.S. Notice 2/11490/02 (HH.614/630/04).

525 NORTH AMERICA, East Coast — North Carolina — Cape Fear Eastwards — Wrecks

Substitute	 Wk, least depth 60ft for  Wk, least depth by wire sweep 16ft, (chart 2864,  Wk, least depth 10fm for  Wk, least depth by wire sweep 24 fm), (chart 2710,  Wk, least depth 10fm for  Wk, least depth 24 fm)	(a) 33° 52′·0N., 77° 28′·8W.
	 Wk, least depth 14fm for  Wk, least depth by wire sweep 6fm, (chart 2710,  Wk, least depth 14fm for  Wk, least depth 6fm)	33° 57′·9N., 77° 01′·8W.

Chart [*Last correction*].— **3687** (a) [3534/01] — **2864** [4838/01] — **2710** [4838/01]
U.S. Notice 2/11570/02 (HH.614/610/06).

II

526 NORTH AMERICA, East Coast — Virginia — Hampton Roads — Newport News Bar to Thimble Shoal — Lights

Amend light to, *Fl.10s55ft20M* (a) 37° 00'·88N., 76° 14'·40W.
 light to, *Fl.4s25ft5M* 36° 59'·21N., 76° 18'·13W.
 light-beacon to, *Fl.R.2·5s15ft3M* 36° 57'·58N., 76° 24'·56W.
 light to, *Fl.R.10s52ft12M* 36° 56'·71N., 76° 23'·49W.

Chart [*Last correction*].— **2829** (a) [4841/01] — **2813** [4955/01]

Light List Vol. J, 2001/02, 1416, 1424, 1458, 1461.5

U.S. Notice 2/12245/02 (HH.614/560/04).

527 NORTH AMERICA, East Coast — Maryland — Approaches to Patuxent River — Cedar Point Northeastwards — Pilot area

Insert magenta maritime limit, pecked line, joining: (a) 38° 18'·22N., 76° 21'·18W.
 ('1PR' light-buoy)
 38° 21'·08N., 76° 21'·70W.
 ('77' light-buoy)
 (b) 38° 21'·40N., 76° 18'·55W.
 ('76' light-buoy)
 Delete former magenta maritime limit, pecked line, joining: (a) above
 38° 21'·35N., 76° 21'·03W.
 (b) above

Chart [*Last correction*].— **2921 (panel 1)** [313/02]

Admiralty List of Radio Signals Vol. 6(5), 2001/02: (5/02)

U.S. Notice 2/12264/02 (HH.614/575/03).

528 NORTH AMERICA, East Coast — Maryland — Chesapeake Bay — Elk River — Turkey Point — Light

Delete ★ Fl.WR.6s129ft8/6M and associated sector 39° 27'·0N., 76° 00'·5W.

Chart [*Last correction*].— **2922 (panel 4)** [132/02]

Light List Vol. J, 2001/02, 2342

U.S. Notice 2/12274/02 (HH.614/595/04).

529 NORTH AMERICA, East Coast — Delaware River — Burlington — Devlin Channel — Dredged depth

Amend dredged depth to, *8½ feet (2001)* 40° 04'·94N., 74° 51'·62W.

Chart [*Last correction*].— **2605 (panel 2) & (panel 3)** [2429/01]

U.S. Notice 2/12314/02 (HH.614/545/03).

530 NORTH AMERICA, East Coast — New Jersey — Approaches to New York Harbor — Shark River Inlet — Fog signal

Insert fog signal, *Horn*, at '2' light 40° 11'·3N., 74° 00'·5W.

Chart [*Last correction*].— **2755** [315/02]

Light List Vol. J, 2001/02, 1220.1

U.S. Notice 1/12326/02 (HH.614/520/02).

531 NORTH AMERICA, East Coast — New York — Tremley Point Reach — Tremley Point — Dredged depth

Amend dredged depth to, *11ft Rep (2001)* 40° 35'·92N., 74° 12'·08W.

Chart [*Last correction*].— **3457** [4320/01]

U.S. Notice 2/12333/02 (HH.624/505/03).

532 NORTH AMERICA, East Coast — Long Island Sound — Calf Pasture Point Eastwards — Light

Amend light to, *Fl.G.2·5s62ft7M* 41° 04'·64N., 73° 22'·19W.

Chart [*Last correction*].— **2754** [316/02]

Light List Vol. J, 2001/02, 0850

U.S. Notice 2/12368/02 (HH.614/480/02).

533 NORTH AMERICA, East Coast — Narragansett Bay — Newport Harbor — Goat Island, South Coast — Light-beacon

Delete '5' light-beacon, Fl.G.6s35ft6M Horn(2)20s and associated sector 41° 28'·97N., 71° 19'·63W.

Chart [*Last correction*].— **2730** [4757/01]

Light List Vol. J, 2001/02, 0538

U.S. Notice 2/13221/02 (HH.614/455/03).

II

534 NORTH AMERICA, East Coast — Connecticut — Fall River — Taunton River — Buoyage

Insert port-hand can buoy, '21' 41° 43'·725N., 71° 08'·990W.
starboard-hand conical buoy, '20' 41° 43'·675N., 71° 08'·937W.

Chart [*Last correction*].— **2732 (panel 4, Fall River Harbor)** [4544/01]

U.S. Notice 2/13221/02 (HH.614/455/03).

535 NORTH AMERICA, East Coast — Massachusetts — Cape Cod Southwards — Pollock Rip Channel to Butler Hole — Depths; Wreck

Insert depth 1fm enclosed by ○ 41° 33'·10N., 69° 57'·05W.
depth 1₅ fm enclosed by ○ 41° 33'·33N., 69° 54'·80W.
depth 2₅ fm enclosed by ○ 41° 33'·30N., 69° 55'·15W.
depth 3fm enclosed by ○ 41° 32'·11N., 69° 57'·67W.
○ Wk, least depth 2₅ fm 41° 31'·61N., 69° 59'·85W.
41° 31'·37N., 69° 59'·59W.

Chart [*Last correction*].— **2489** [317/02]

U.S. Notice 2/13244/02 (HH.614/445/03).

536 NORTH AMERICA, East Coast — Maine — Penobscot Bay — Two Bush Channel Northwestwards — Whitehead Island — Light

Amend range of light to, 6M 43° 58'·7N., 69° 07'·5W.

Chart [*Last correction*].— **2486** [4549/01]

Light List Vol. J, 2001/02, 0122

U.S. Notice 1/13301/02 (HH.614/410/04).

II

537(P)/02 GLOBAL POSITIONING SYSTEM (GPS) AND CHART ACCURACY

General

1. The Standard Positioning Service mode of the Global Positioning System (GPS) produces a quoted accuracy of 33 metres, referred to World Geodetic System 1984 (WGS84) Datum. Differential GPS (DGPS), a refinement of GPS, has the potential to produce positions accurate to within 10 metres, referred to WGS84 Datum.
2. Mariners are warned against over-reliance on the quoted accuracy of these systems when using large and medium scale Admiralty charts, both paper and digital (ARCS and ENC) versions, including charts on which it is stated that WGS84 positions can be plotted directly. When closing the coast or in the vicinity of dangers, which may have been fixed relative to the coastline, vessels should always verify their GPS position in relation to the charted detail by using alternative methods of position-fixing.
3. Mariners are warned that, in all cases, prudent positional clearance should be given to any charted feature which might present a danger to their vessel.

Reliability of Source Data

4. Admiralty charts are compiled from the best source data available (surveys, charts, etc), but these sources are of varying age, scale and quality. Also, charts are referred to different horizontal datums in different parts of the world. These factors may each introduce positional discrepancies between the chart and the GPS if the mariner relies solely on GPS for navigation and attempts to navigate to its quoted accuracy.
5. The date of the source data is indicated in the Source Diagram or Sources note on each chart, where known. In many parts of the world, the source data may have been gathered when modern standards of positional accuracy were not possible. In such instances, GPS positions may be more accurate than the charted detail. However, this should be less of a concern in areas where recent survey data exists.
6. More information on the use of charts and the interpretation of source data is available in The Mariner's Handbook (NP100), Chapter 2.

Horizontal Datums

7. Local horizontal datums are usually unique to particular geographical areas and may have complex relationships with WGS84 Datum. Due consideration should be given to the information provided in the Satellite-Derived Positions Note on each chart. The available transformations and datum shifts, when applied to the GPS position, may not in every case achieve agreement to the expected accuracy of GPS. A detailed explanation, "Horizontal Datums on Charts and Satellite-Derived Positions Notes", is given in Admiralty List of Radio Signals, Volume 8, Satellite Navigation Systems (NP288).
8. Former Notice 3416(P)/01 is cancelled.

UK Hydrographic Office (HA.405/006/004/03).

538(T)/02 ADMIRALTY TIDE TABLES VOLUMES 2 AND 3 — South Africa — Tidal Predictions

As a result of recent advice received from the South African Hydrographic Office, the predicted tidal heights supplied to the UKHO for publication in the 2002 Edition of Admiralty Tide Tables Volumes 2 and 3 (NP202-02 and NP203-02) need to be amended as follows:

- a. Add 0.1m to all predicted tidal heights for Cape Town.
- b. Add 0.2m to all predicted tidal heights for Durban.

UK Hydrographic Office (HA.906/005/004/12).

539(P)/02 BALTIC SEA — Denmark, East Coast — Kattegat — Fyns Hoved Northwards — New channel; Buoyage

1. A new channel for deep-draught vessels is under development north of Fyns Hoved, between positions 55° 39' 0N., 10° 34' 5E. and 55° 40' 0N., 10° 37' 5E.
2. Dredging operations are in progress with the area marked by light-buoys.
3. The charted special buoys have been replaced by light-buoys in the following positions:

starboard-hand light-buoy, <i>Fl.G.3s</i>	55° 40' 238N., 10° 37' 677E.
starboard-hand light-buoy, <i>Fl.G.3s</i>	55° 39' 324N., 10° 35' 379E.
starboard-hand light-buoy, <i>Fl.G.3s</i>	55° 39' 078N., 10° 34' 633E.
port-hand light-buoy, <i>Fl.R.3s</i>	55° 40' 031N., 10° 37' 645E.
port-hand light-buoy, <i>Fl.R.3s</i>	55° 39' 172N., 10° 35' 459E.
port-hand light-buoy, <i>Fl.R.3s</i>	55° 38' 819N., 10° 34' 453E.
4. Further details of the channel will be included on charts when work is complete.
5. Former Notice 3538(P)/01 is cancelled.

Charts affected — 2591 — 2596 — 2106 — 2108

Danish Notices 47/1071(P)/01 and 51-52/1162/01 (HH.333/480/03).

II

540(T)/02 AUSTRALIA — Queensland — Brisbane River — Depth information

1. Available depths as at 20 November 2001:

<i>Berth</i>	<i>Metres</i>
* Fisherman Islands No 7	12.3
* Fisherman Islands No 6	13.0
* Fisherman Islands No 5	13.0
* Fisherman Islands No 4	13.0
* Fisherman Islands No 3	13.1
* Fisherman Islands No 2	13.0
* Fisherman Islands No 1	13.0
Fisherman Islands Grain	13.1
Caltex Fisherman Islands	13.4
BP Luggage Point	14.3
* Fisherman Islands Coal	13.7
* Caltex Products	10.1
* QCL	9.8
* BP Products	11.0
* Shell	11.1
Pacific Terminals	8.5
Incitec North	10.1
* Incitec South	10.6
* Pinkenba 1 & 2	10.7
* Sugar Terminal	9.9
* Mobil	7.7
Cairncross Fitting Out Wharf	8.5
Cairncross Breasting Wharf	5.6
Maritime No 3	10.4
Maritime No 2	10.4
* Maritime No 1	9.1
Hamilton No 4	10.4
Hamilton No 3	10.4
Hamilton No 2	10.4
Hamilton No 1	10.5
ANL Newstead	7.4
* Indicates new or revised entry.	
2. Former Notice 4219(T)/01 is cancelled.

Charts affected — Aus 237 — Aus 238

Australian Notice 25/711(T)/01 (HH.571/009/01).

541(T)/02 AUSTRALIA — Queensland — Rosslyn Bay — Depths

1. Silting has occurred in the approach channel to Rosslyn Bay boat harbour.
2. A depth of 15 m exists at the entrance in position 23° 09' 54S., 150° 47' 33E. and a depth of 08 m exists in the 2.5m dredged channel in position 23° 09' 63S., 150° 47' 39E.
3. Mariners are advised to navigate with caution in the area and to keep to the south side of the channel.

Charts affected — Aus 247

Australian Notice 25/714(T)/01 (HH.571/009/01).

542(P)/02 AUSTRALIA — Tasmania to Victoria — Bass Strait — Five Mile Bluff to Ninety Mile Beach — Submarine pipeline

1. Gas pipelaying is taking place between the following positions:
 41° 01' 82S., 146° 53' 50E. (Five Mile Bluff)
 40° 59' 67S., 146° 53' 50E.
 39° 28' 00S., 147° 02' 00E.
 38° 30' 00S., 147° 18' 00E.
 38° 22' 17S., 147° 12' 25E. (Ninety Mile Beach)
2. Mariners are advised to navigate with caution in the area.

Charts affected — Aus 167 — Aus 356 — Aus 357 — Aus 422 — Aus 445A — Aus 799

Australian Notice 25/714(P)/01 (HH.571/009/01).

543(T)/02 NEW ZEALAND — South Island, North Coast — Golden Bay and Tasman Bay — Research moorings; Buoyage

Subsurface research moorings with a least depth of 9 metres, marked on the surface by buoys, have been established in the following positions:

40° 40' 02S., 173° 29' 56E.	(depth 58m)
40° 40' 06S., 172° 52' 62E.	(depth 32m)
41° 05' 25S., 173° 14' 24E.	(depth 34m)

Charts affected — NZ 61

New Zealand Notice 30/251(T)/01 (HH.580/009/01).

II

544

TEMPORARY AND PRELIMINARY NOTICES

In Force 26th January 2002

(Former Notice 5167/01 is cancelled)

Cancelled Notices					
Area	Notice No.	Area	Notice No.	Area	Notice No.
1	3416/01	2	2741/99, 2421/00, 2422/00	2	4521/00, 4823/00, 4097/01
2	4843/01, 5039/01, 137/02	3	548/97	4	2965/01, 3538/01, 4432/01
12	1419/01	15	3165/00	18	4538/00, 1891/01, 3339/01
18	4219/01, 4221/01, 4435/01	18	4764/01, 4959/01		

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

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

2. BRITISH ISLES

1071/98–	633	Ireland, E. coast, Ardglass Harbour: Marina; Breakwater	3
2218/98–	1351	England, S. coast to Belgium, Kennack Cove to West Hinder:	1,7,9,16
	.....	Submarine cable	
1065/99–	2484	England, E. coast, River Thames, Hole Haven Creek: Depths	8
1395/99–	633	Ireland, E. coast, Malahide Inlet Channel: Reclaimed area; Marina	3
3840/99–	2800	Ireland, E. coast, Carlingford Lough, Warrenpoint: Amendments to	3
	.....	approach channel	
4303/99–	2789	Ireland, SW. coast, Dingle Bay, Castlemaine Harbour: Depths	4
4672/99–	.....	British Isles: Transfer of Admiralty Charts to a horizontal datum	
	.....	compatible with World Geodetic System 1984 Datum	
283/00–	1200	England, E. coast, The Wash, Approaches to King's Lynn: Stakes	7
285/00–	2655, 2675	Ireland, S. coast to England, W. coast, Kilmore Southwards to	1,2,3
	.....	Whitesand Bay; Submarine cable	
2233/00–	1408	England, E. coast, to Netherlands, Lowestoft to Egmond: Submarine cable	7,9
2327/00–	266, 1404, 1405, ...	England, E. coast to Denmark, Redcar to Fanø and Esbjerg:	7, 9
	2182B	Submarine cable	
3520/00–	2345, 777, 1148,	England, W. coast, Cornwall, Whitesand Bay Northwestwards, Westwards	1,2,6
	1149, ...	and Southwestwards: Submarine cable	
	2565, 1178, 2655,		
	1123, 2649, 2675, 2		
3784/00–	1200	England, E. coast, The Wash, Approaches to King's Lynn, ...	7
	.....	Old Lynn Road: Buoyage	
4036/00–	1826	Ireland, E. coast to England, W.coast, Baldoyle to Ainsdale:	3
	.....	Submarine cable	
4119/00–	1478, 1468, 1787, ..	Ireland, E. and S. coasts, Dublin Bay to Mizen Head Southwestwards	1,2,3,6
	2049, 2423, 2424, ..	Submarine cable	
	1178, 1411, 1121, 1123,		
	2649, 2		
4731/00–	.....	British Isles, Positions on Admiralty Charts and small craft versions	–
	.....	during the period of transfer to a WGS 84 compatible datum	
428/01–	1978, 1981, 2198, ..	England, W. coast to Ireland, NW. coast, Southport to Tory Island	3,4,5,6
	2199, 2798, 2811, ..	Westwards: Submarine cable	
	1320, 1770, 2093, 2094,		
	1411, 1826, 2723, 2724,		
	2725, 1121, 1127, 2635,		
	2		
768/01–	1160, 1178, 1123, ..	England, W. coast to Ireland, S. coast, Saunton Sands to Celtic Sea:	1,2,6
	2649, 2	Submarine cable	
877/01–	1152, 2049, 1178, ..	England, W. coast to Celtic Sea, Burnham-on-Sea Northwards, Celtic Deep	1,2,3,6
	1121, 1123, 2649, 2	and Porcupine Sea Bight Eastwards: Submarine cable	
1977/01–	1462, 2162	Scotland, N. coast, Scrabster: RoRo berth; Reclamation; Lifeboat	6
1978/01–	1447, 1415	Ireland, E. coast, Dublin Bay: Dredging; Buoyage; Submarine pipeline	3
1986/01–	1882, 3509, 129, ...	England, E. coast to Netherlands, Filey to Eemshaven: Submarine cable	7,9
	1507, 2593, 3761, 266,		
	1191, 1405, 2182B		
2274/01–	2198, 2199, 1411, ..	Scotland, W. coast to Ireland, NE. coast, North Channel, Loch Ryan	3,5,6
	2724, 1121, 2635, 2	Northwards to Larne Eastwards: Submarine power cables	
2436/01–	244, 213, 272, 274, ..	Scotland, E. coast, Bay of Cruden Eastwards, Northeastwards and	6,7
	278, 1409, 2182B, ..	Southeastwards to North Sea, Norwegian Sector, Ula Oil Field:	
	2182C	Submarine cable	

II

2. BRITISH ISLES – continued

2437/01–	2381, 2382, 2131 ...	Scotland, W. coast, Firth of Clyde, Loch Fyne, Otter Spit: Less water	3
2855/01–	2378, 2379	Scotland, W. coast, Loch Linne, Lismore, Lynn of Lorn: Artificial reef	5
3241/01–	1536, 1543	England, E. coast, Approaches to Great Yarmouth and Lowestoft: Depths	7
		Drying heights	
3243/01–	1152, 1164, 1165, ..	England, W. coast to Celtic Sea, Burnham-on-Sea Westwards to	1,2,3,6,
	16, 1179, 1178, 1121,	Celtic Sea Southwards: Submarine cable	
	1123, 2649, 1104, 2		
3335/01–	1160, 1156, 1164, ..	England, W. coast to Celtic Sea, Barnstaple Bay to Celtic Sea Southwards	1,2,6,16
	1179, 1178, 20, 1123,	Submarine cable	
	2649, 1104, 2		
3729/01–	1536	England, E. coast, Lowestoft Harbour: Depths	7
3730/01–	1552	England, W. coast, Morecombe Bay, Approaches to Heysham: Depths	3
3907/01–	1233	Shetland Islands, Yell Sound Northeastwards and Northwestwards:	6
		Submarine pipelines	
5040/01–	44	Ireland, E. coast, Annalong Harbour: Temporary closure of harbour	3
138/02–	442, 2454, 2668	English Channel, Off Casquets TSS Westwards and Southwestwards: Depths	1,16
218/02–		British Isles: Oceanographic buoys and moorings established temporarily	–

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

1665/96–	4101	Norway, W. coast, Halten Bank Northwestwards: Restricted area	13,15
3529/99–	2308, 4101	Norway, W. coast, Asgard Oil Field: Restricted area	13,14,15
4033/99–	4101	Norway, W. coast, Asgard Oil Field: Obstruction; Anchors; Chains;	13
		Moored storage tanker	
2037/00–	2984	Norway, S. coast, Kristiansand, Outer Approaches to Vestregapet	12
		Kristiansandsfjorden and Kvåsefjorden: Depths	
2946/00–	2295	Norway, W. coast, Trondheim Havn, Fernjehavn: Breakwater; Lights	13
3521/00–	2967	Russia, N. coast, Barents Sea, Proliv Karskiye Vorota: Depths	14
295/01–	3882	Norway, W. coast, Bodø Indre Havn: Harbour developments; Light.	14
430/01–	2327, 2366	Norway, W. coast, Vesterålen and Andefjorden: Lights; Depth	14
970/01–	3759	Norway, W. coast, Vågsfjorden, Astafjorden, Tjeldsundet and	14
		Sandtorgstraumen: Depths; Lights; Buoyage	
983/01–	3503, 3505	Norway, W. coast, Approaches to Namsos: Depths; Lights	14
1884/01–	3008	Norway, W. coast, Bergen Havn: Harbour developments	13
2438/01–	3524, 3529	Norway, W. coast, Approaches to Mosjøen: Depths	14
3908/01–	3182, 2962	Russia, N. coast, Kara Sea, Novaya Zemlya to Isáchenko Island: Depths	14
4098/01–	3181, 3182	Russia, N. coast, Kara Sea, Novaya Zemlya to Ostrov Belyy: Depths	14
4099/01–	1327	Norway, S. coast, Approaches to Langesundbukta, Jomfruland Eastwards to	12
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2785/01–	762, 4622, 4623, ... Caroline Islands to Solomon Islands: Data buoys	57,59,
	4506, 4507, 4604	7,68
2968/01–	378, 381, 382, 387, ... Fiji Islands: Fish aggregating devices	70
	440, 441, 744, 745, 746, 1673, 1674, 1682, 2691	
3162/01–	936 Nouvelle-Calédonie, Îles Loyauté: Data buoys	68
3547/01–	968, 4631, 4632 Îles Wallis and Îles Futuna: Fish havens	70
4650/01–	1107 Polynésie Française, Îles de la Société, Raiatea, Port d'Uturoa:	73
	Lights; Leading lines; Buoyage; Light-beacons	
5164/01–	1103, 1382, 1060, ... Polynésie Française, Îles de la Société: Fish havens	73
	998, 4653	

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

227/01–	46, 47, 76, 75, 1947 Washington, Puget Sound and Juan de Fuca Strait, Norma Beach to	90
	 Slip Point Northwards: Submarine cable	
3422/01–	3095 California, Humboldt Bay, Entrance Channel: Lights; Leading lines	90
	 Dredged channels	
3548/01–	48 Washington, Puget Sound, Tacoma, Blair Waterway: Lights; Leading lines;	90
	 Channel limits; Depths; Bridge	

22. WEST COASTS OF CENTRAL AND SOUTH AMERICA

1268/98–	660 Nicaragua, Approaches to Corinto: Buoyage; Depths; Leading lights	89
3792/00–	3089, 3092 Peru, Approaches to Bahía de Paita: Traffic separation scheme	98
3794/00–	3084, 3091 Peru, Puerto San Martin: Traffic separation scheme	98
3795/00–	3090 Peru, Approaches to Puerto Ilo: Traffic separation scheme	98
5041/00–	1853, 3091 Peru, Bahía del Callao: Traffic separation scheme	98
1315/01–	560 Ecuador, Estero Salado: Buoyage	98
1423/01–	3091, 3092 Peru, Approaches to Salaverry: Traffic Separation Scheme	98
4554/01–	3092 Peru, Ensenada de Sechura Southwards, Pta Tur: Depth	98

23. ANTARCTICA

1869/99–	3202 South Shetland Islands, Deception Island, Port Foster: Sub-surface	97
	 instruments	
4330/01–	3587, 3588 South Georgia, Ocean Harbour and Godthul: Depths	96
5052/01–	3587, 3588 South Georgia, Stromness Harbour: Mooring buoy; Ground tackle	96

24. EAST COAST OF SOUTH AMERICA & THE FALKLAND ISLANDS

634/99–	397 South America, E. coast, Brazil, N. coast, Approaches to Porto de Belém, ...	95
	 Ilha do Barra Westwards, Ilha do Cruzador: Shoaling	
4039/99–	1614 Falkland Islands, E. Falkland Island, Stanley Harbour, FIPASS:	96
	 Alongside depths	
460/00–	431 South America, E. coast, Brazil, S. coast, Approaches to Porto de Sepetiba:	95
	 Buoyage	
461/00–	397, 3959 South America, E. coast, Brazil, N. coast, Rio Para Approaches: Buoyage:	95
	 Radar beacon	

II

24. EAST COAST OF SOUTH AMERICA & THE FALKLAND ISLANDS – continued

3873/00–	530	South America, E. coast, Brazil, S. coast, Paranaguá Southeastwards:	95
		Fish aggregating devices	
4127/00–	969	South America, E. coast, Brazil, E. coast, Porto de Recife: Depths	95
228/01–	550	South America, E. coast, Brazil, S. coast, Approaches to	95
		São Francisco do Sul: Buoyage; Depths; Works	
667/01–	526, 3955, 3957, 528	South America, Brazil, N. coast, Fortaleza Northwestwards:	95
		Submarine cables	
668/01–	2189	South America, E. coast, Brazil, Rio Amazonas, Baía de Macapá:	95
		Shoal bank; Depths	
4224/01–	231	South America, E. coast, Brazil, S. coast, Approaches to	95
		Porto de Paranaguá, Canal da Galheta: Depths; Buoyage	

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

590/89–	2626, 1225	Gulf of Mexico, Gulf of Campeche, Cayo Arcas: Ships' Routeing System.	83
2403/92–	2009, 1217, 3866	West Indies, Cuba, N. coast: Causeway constructed	83,84
1116/97–	1525	Venezuela, Lago de Maracaibo, Cabinas and La Salina: Dredged channels;	87
		Depths; Submarine pipelines; Aids to navigation	
1117/97–	1519	Venezuela, Puerto Miranda: Dredged channels; Depths; Anchorage area;	87
		Aids to navigation	
4638/98–	483	West Indies, Trinidad, Gulf of Paria, Boca Grande, Soldado Oilfield	87
		and Serpent's Mouth: Buoyage; Well	
230/99–	1330	Venezuela, Gulf of Paria, Entrance to Rio San Juan: Lights; Buoyage;	87
		Channels; Floating logs	
2946/99–	1525	Venezuela, Lago de Maracaibo: Wreck	87
3123/99–	494, 371, 594, 956	West Indies, Martinique: Fish havens	87
950/00–	254, 585, 593, 955, 2600	West Indies, Leeward Islands, Montserrat: Volcanic activity	86, 87
3272/00–	502	West Indies, Barbados, Bridgetown Harbour and Approaches, Spring Garden	87
		Anchorage: Outfall; Buoyage; Submarine pipeline	
4421/00–	482, 479, 484, 483	West Indies, Trinidad, West coast, Approaches to Port of Spain;	87
		Dredged depths; Works	
4640/00–	799	West Indies, Windward Islands, Saint Vincent, SW. coast, Kingstown Bay:	
		Jetty; Light; Wrecks; Landmark	87
4641/00–	2065, 2064	West Indies, Antigua, Saint John's Harbour: Depths; Buoyage;	
		Dredged areas	86
229/01–	1629, 2192	Venezuela, N. coast, La Guaira Westwards: Submarine cables	87
302/01–	371	West Indies, Martinique, W. coast, Bais de Fort-de-France: Buoy	87
303/01–	494	West Indies, Martinique, S. coast, Cul-de-Sac du Marin: Light-beacon;	87
		Buoy	
775/01–	1414	West Indies, Nederlandse Antillen, Bonaire: Depths	87
982/01–	491, 618	West Indies, Guadeloupe, Les Saintes, Terre-de-Haut,	87
		Passe du Pain de Sucre: Buoy	
1892/01–	522	Belize, English Cay Channel and Belize Harbour: Buoyage	85
2786/01–	1277	Colombia, N. coast, Roca Morrosquillo: Light; Buoy	88
2969/01–	1517, 1519	Venezuela, Approaches to Lago de Maracaibo: Depths; Buoyage; Beacons;	87
		Pontoons	
2970/01–	1334	West Indies, Old Providence Island, Catalina Harbour: Leading line;	85
		Depths	
225/02–	1511	Caribbean Sea, Isla de San Andres (St Andrew Island):	85
		Depths; Aids to navigation	

26. EAST COAST OF NORTH AMERICA & GREENLAND

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

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

IIA

This section contains chart-correcting notices issued by the Chief Topographer/Hydrographer, Land Information New Zealand for the 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 30 7 December 2001

NZ 245/01 NEW ZEALAND PUBLICATIONS – (1) New Edition of Chart Published.

Chart	Published	Title, and description of amendments	Scale 1:	Page of 14th Edition of NZ 202
NZ 5322	Sep 2001	Auckland Harbour Calliope Wharves Commercial Harbour New Edition based on latest survey information Note: This chart is affected by Former Notices NZ 128(T)/01, 188(T)/01, 243(T)/01	18 000 5 000 7 500	18

– (2) Charts Permanently Withdrawn.

Chart	On Publication of New Chart/New Edition	Date
NZ 5322	NZ 5322	Sep 2001

Land Information New Zealand
NI 220/2001

NZ 246/01 NEW ZEALAND – North Island – East Coast – Auckland Harbour – Light-beacon.

Chart NZ 5322 [NE Sep 01]
 Amend light to, Q(3)R.6s 36° 49'·85S., 174° 42'·34E.
 Ports of Auckland Ltd.
 NZ Light List K3831
 NI 220/2001

IIA

NZ 247/01 NEW ZEALAND – South Island – East Coast – Timaru Harbour – Lights.

Former Notice – NZ 244(T)/01 is cancelled.

Chart NZ 25 (INT 648) [241/01]

Delete	★ Fl(4)19M	44° 22'·645S., 171° 15'·040E.
Amend	Tuhawaiki Point light range to, 9M	44° 26'·580S., 171° 15'·650E.

Chart NZ 64 [331/00]

Delete	★ Fl(4)20s31m19M	44° 22'·545S., 171° 15'·040E.
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Chart NZ 6422 (plan, Approaches to Timaru) [NE Apr 99]

Delete	★ Fl(4)20s19M	44° 22'·645S., 171° 15'·040E.
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Chart NZ 6422 (plan, Timaru Harbour) [NE Apr 99]

Delete	★ Fl(4)20s31m19M	44° 22'·645S., 171° 15'·040E.
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Chart NZ 14600 (INT 600) [243/00]

Delete	★	44° 22'·645S., 171° 15'·040E.
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Chart NZ 14601 (INT 61) [236/00]

Delete	★	44° 22'·645S., 171° 15'·040E.
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Port of Timaru Ltd.
NZ Light List K4327
NI 222/2001

NZ 248/01 NEW ZEALAND – South Island – North Coast – Port Motueka – Light Discontinued.

Chart NZ 61 [241/01]

Delete	★ F.G.9M	41° 08'·31S., 173° 01'·38E.
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Chart NZ 614 [195/01]

Delete	★ F.G.9M	41° 08'·31S., 173° 01'·38E.
--------	----------	-----------------------------

Chart NZ 614 (plan, Port Motueka) [195/01]

Delete	★ F.G.9M	41° 08'·31S., 173° 01'·38E.
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Tasman District Council
NZ Light List K4215
NI 226/2001

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 31 21 December 2001

NZ 252/01 NEW ZEALAND PUBLICATION – New Edition Published

NZ No.	Title	Remarks
NZ 204	New Zealand Nautical Almanac 2002/03 Edition: Includes the Annual Notices to Mariners and information for both New Zealand and the South West Pacific.	This edition covers the period 1 January 2002 to 31 December 2003 and supersedes 2001 Editions of NZ 204 (New Zealand Nautical Almanac) and NZ 205 (South West Pacific Nautical Almanac) on 1 January 2002, which are thereby cancelled. Corrections accrued whilst this Almanac was at press are issued in Sections III of this fortnightly Edition. Text of (P) & (T) notices in force at 1 January 2002 and amendments to selected Pilots will be repeated in fortnightly Edition No. 1 /2002.

Land Information New Zealand
NI 234/2001

NZ 254/01 NEW ZEALAND – MISCELLANEOUS CHART CORRECTIONS

Chart	Last Correction	Details
NZ 68	[402/99]	(a) Insert chart limits as follows and chart number, NZ 6912, in SE corner North: 46° 59'·59S. East: 168° 19'·99E. South: 47° 10'·09S. West: 167° 59'·79E. (b) Insert chart limits as follows and chart number, NZ 6912, in SE corner North: 47° 08'·09S. East: 167° 49'·69E. South: 47° 18'·49S. West: Border (c) Delete existing chart limits and chart number, NZ 6842

Land Information New Zealand
NI 227/2001

NZ 255/01 NEW ZEALAND – North Island – East Coast – Hauraki Gulf – Tamaki Strait – Waiheke Channel – Stake.

Chart NZ 5324	[121/01]	
Delete	symbol for stake on *	36° 48'·80S., 175° 11'·23E.
HMNZS <i>Hinau</i> NI 233/2001		

IIA

NZ 256/01 NEW ZEALAND – Stewart Island Southwards – North/South Traps – Boomerang Breaker.

Chart NZ 24 [211/99]

Amend	height of North Trap to, (0·5)	47° 23'·0S., 168° 00'·0E.
	height of South Trap to, (1·0)	47° 34'·0S., 167° 45'·0E.
Substitute	depth 4 ₆ m for +	47° 28'·7S., 167° 50'·6E.
Delete	legend, PA (1862), at Boomerang Breaker	47° 27'·0S., 167° 42'·0E.

Chart NZ 25 (INT 648) [247/01]

Amend	height of North Trap to, (0·5)	47° 23'·0S., 168° 00'·0E.
	height of South Trap to, (1·0)	47° 34'·0S., 167° 45'·0E.
Substitute	depth 4 ₆ m for +	47° 28'·7S., 167° 50'·6E.
Delete	legend, PA (1862), at Boomerang Breaker	47° 27'·0S., 167° 42'·0E.

Chart NZ 28 [364/00]

Amend	height of North Trap to, (0·5)	47° 23'·0S., 168° 00'·0E.
	height of South Trap to, (1·0)	47° 34'·0S., 167° 45'·0E.
Substitute	depth 4 ₆ m for +	47° 28'·7S., 167° 50'·6E.
Delete	legend, PA (1862), at Boomerang Breaker	47° 27'·0S., 167° 42'·0E.

Chart NZ 29 [176/99]

Amend	height of North Trap to, (0·5)	47° 23'·0S., 168° 00'·0E.
	height of South Trap to, (1·0)	47° 34'·0S., 167° 45'·0E.
Substitute	depth 4 ₆ m for +	47° 28'·7S., 167° 50'·6E.
Delete	legend, PA (1862), at Boomerang Breaker	47° 27'·0S., 167° 42'·0E.

Chart NZ 14600 (INT 600) [247/01]

Amend	height of North Trap to, (0·5)	47° 23'·0S., 168° 25'·0E.
	height of South Trap to, (1·0)	47° 37'·0S., 167° 57'·0E.
Substitute	depth 4 ₆ m enclosed by ○ for ⊗	47° 28'·7S., 167° 49'·0E.
Delete	legend, PA (1862), at Boomerang Breaker	47° 30'·0S., 168° 05'·0E.

Chart NZ 14601 (INT 601) [247/01]

Amend	height of North Trap to, (0·5)	47° 23'·0S., 168° 25'·0E.
	height of South Trap to, (1·0)	47° 37'·0S., 167° 57'·0E.
Substitute	depth 4 ₆ m enclosed by ○ for ⊗	47° 28'·7S., 167° 49'·0E.
Delete	legend, PA (1862), at Boomerang Breaker	47° 30'·0S., 168° 05'·0E.

Land Information New Zealand

NI 232/2001

To accompany Notice to Mariners 416/02

On Chart 60

INCOMPLETE SURVEYS

In the areas indicated, the source material for the hydrographic data consists of incomplete or old leadline surveys with widely spaced lines of soundings. Uncharted shoals and rocks may exist. Vessels should navigate with particular caution.

To accompany Notice to Mariners 484/02

On Chart Aus 118

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·07 minutes SOUTHWARD and 0·08 minutes WESTWARD to agree with this chart.

On Chart Aus 294

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·09 minutes SOUTHWARD and 0·06 minutes WESTWARD to agree with this chart.

On Chart Aus 324

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·08 minutes SOUTHWARD and 0·08 minutes WESTWARD to agree with this chart.

On Chart Aus 356

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0·09 minutes SOUTHWARD and 0·08 minutes WESTWARD to agree with this chart.

On Chart Aus 462

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum cannot be plotted directly onto this chart. The difference between GPS positions and positions on this chart 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 484/02 (continued)

On Chart Aus 568

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum cannot be plotted directly onto this chart. The difference between GPS positions and positions on this chart cannot be determined; mariners are warned that these differences MAY BE SIGNIFICANT TO NAVIGATION and are therefore advised to use alternative sources of positional, particularly when closing the shore or navigating in the vicinity of dangers.

On Chart Aus 606

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

On Chart Aus 629

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0.09 minutes SOUTHWARD and 0.06 minutes WESTWARD to agree with this chart.

On Chart Aus 781

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum must be moved 0.09 minutes SOUTHWARD and 0.08 minutes WESTWARD to agree with this chart.

On Chart Aus 798

SATELLITE DERIVED POSITIONS
Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

To accompany Notice to Mariners 496/02

On Chart Aus 780

MARINE FARMS
Marine farms, which may be floating or fixed structures, and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit

On Chart Aus 781

MARINE FARMS
Marine farms, which may be floating or fixed structures, and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit

To accompany Notice to Mariners 504/02

On Chart 2839

CHANNEL DEPTHS (see Note)								
COLUMBIA RIVER ENTRANCE TO MILLER SANDS RANGE TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2001								
* SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
ENTRANCE RANGE	55	55	50	44	7,8-01	2640	3.3	48
SAND ISLAND RANGE (CLATSOP SPIT)	51	52	52	47	7,8-01	2640	2.2	48
LOWER DESDEMONA SHOAL	45	45	38	30	1,5-01	600	3.4	40
UPPER DESDEMONA SHOAL	39	44	45	45	8-01	600	3.7	40
TANSY POINT TURN AND RANGE	40	40	40	37	8-01	600	4.7	40
ASTORIA RANGE	41	41	41	40	8-01	600	2.7	40
TONGUE POINT CHANNEL	41	41	41	41	8-01	600	2.2	40
HARRINGTON POINT RANGE	40	40	38	40	8-01	600	2.6	40
MILLER SANDS RANGE	43	41	40	37	8-01	600	2.2	40
* CONTROLLING DEPTHS IN CHANNELS ENTERING FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER FROM THE ENTRANCE TO HARRINGTON POINT AND COLUMBIA RIVER DATUM ABOVE THAT POINT. PROJECT LENGTHS ARE IN STATUTE MILES. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 506/02

On Chart 591

CHANNEL DEPTHS (see Note)								
RICHMOND HARBOR AND SOUTHAMPTON SHOAL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2001								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SOUTHAMPTON SHOAL CHANNEL	43.9	44.2	44.3	43.6	5-01	600	1.1	45
RICHMOND HARBOR								
ENTRANCE CHANNEL	36.8	36.6	37.7	37.1	9-01	600-550	1.0	35
POINT POTRERO REACH	36.9	37.0	35.7	35.6	8,9-01	500-600	1.4	35
POINT POTRERO TURN	36.0	37.6	36.5	36.0	8-01	600-1250	0.6	35
HARBOR CHANNEL	37.0	37.6	37.3	36.8	8-01	850-200	0.5	35
SANTA FE CHANNEL	28.2	30.0	30.0	29.4	2-99,8-01	200	0.5	35-30
TURNING BASIN	28.6	30.1	29.1	24.1	2-99	200-500	0.16	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 545/02

On Chart 266

CHART 121, 1187, 1190, 1191, 1192:
POSITIONS

To agree with charts that are referred to a WGS 1984 compatible datum, positions read from chart 266 should be moved 0-05 minutes SOUTHWARD and 0-09 minutes WESTWARD.

On Chart 1505

CHART 1187: POSITIONS

To agree with adjoining chart 1187 which is referred to World Geodetic System 1984 Datum, positions read from chart 1505 should be moved 0-05 minutes SOUTHWARD and 0-09 minutes WESTWARD.

To accompany Notice to Mariners 444/02



On Chart 1700

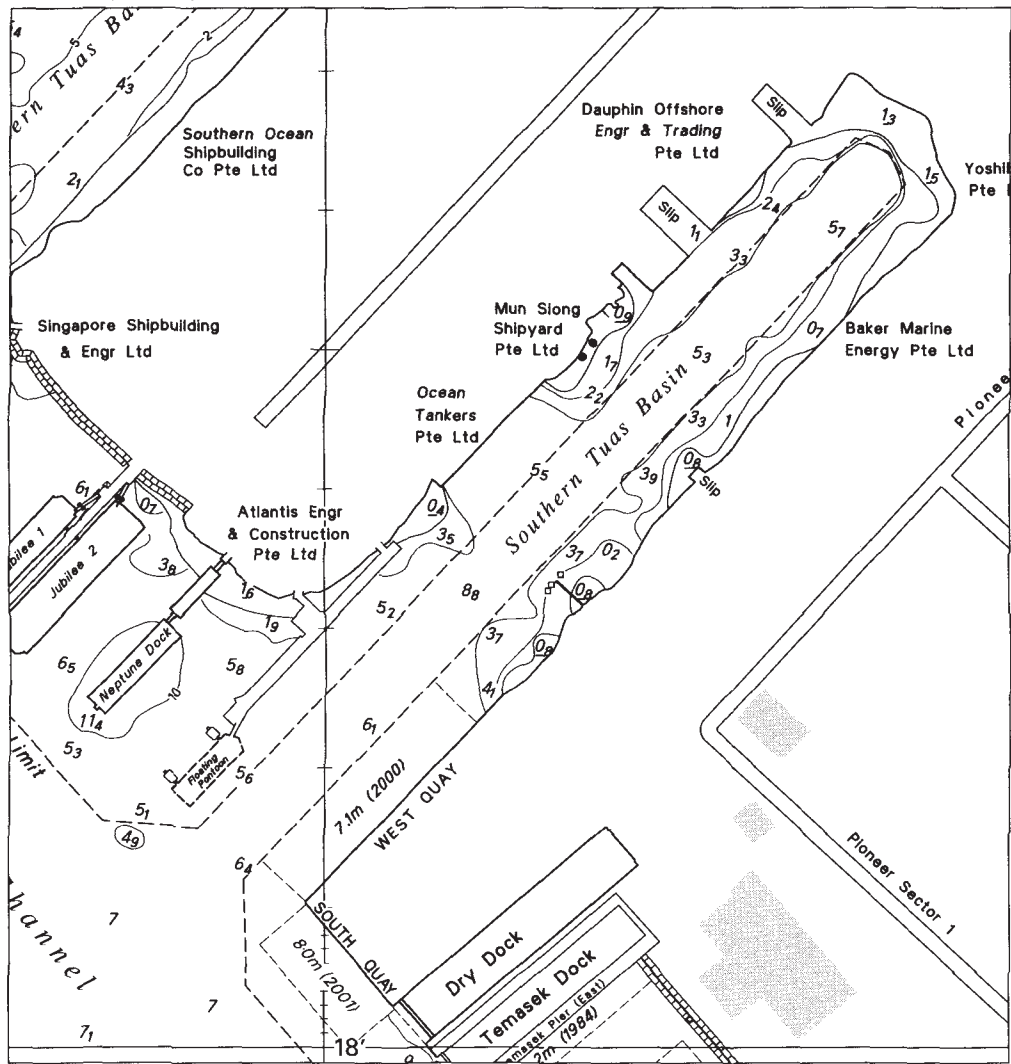
MARINE AND INTEGRAL RESERVES
Marine and Integral Reserves exist in an area 4 miles by 1.5 miles northeastwards from Cabo de Palos ($37^{\circ} 39' 37''\text{N}$, $0^{\circ} 41' 50''\text{W}$.) including Islas Hormigas ($37^{\circ} 38' 10''\text{N}$, $0^{\circ} 38' 90''\text{W}$.) This area is marked by buoys, which may be lit. Entry into these areas are affected by numerous restrictions and prohibitions. For further details see Admiralty Sailing Directions.

To accompany Notice to Mariners 445/02

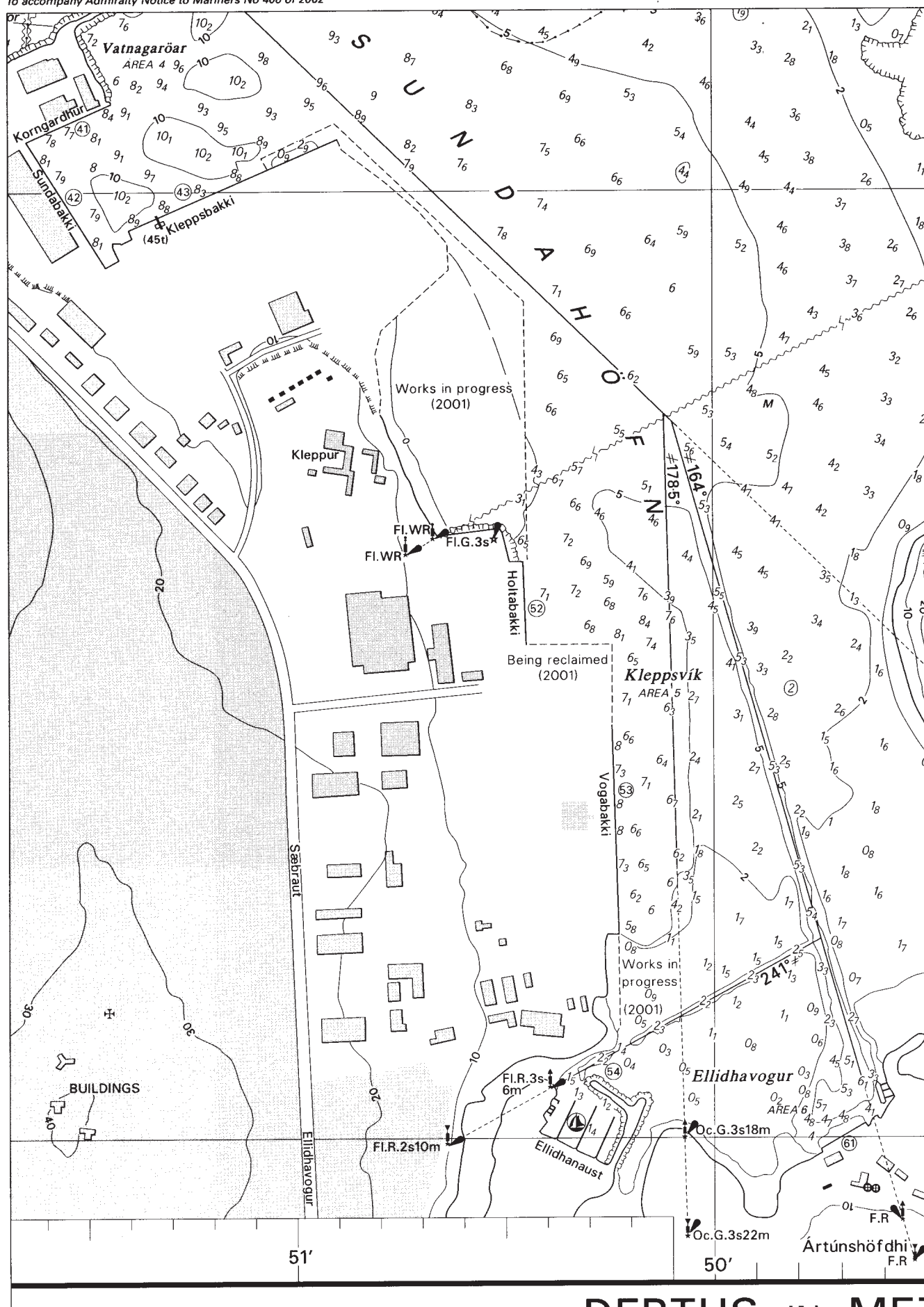
On Chart 1701

MARINE AND INTEGRAL RESERVES
Marine and Integral Reserves exist within the area of this chart. Entry into these areas are affected by numerous restrictions and prohibitions. For further details see Admiralty Sailing Directions.

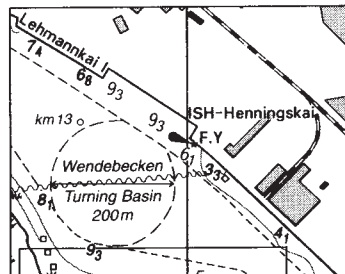
To accompany Admiralty Notice to Mariners No 409 of 2002



Block for Chart No 4033

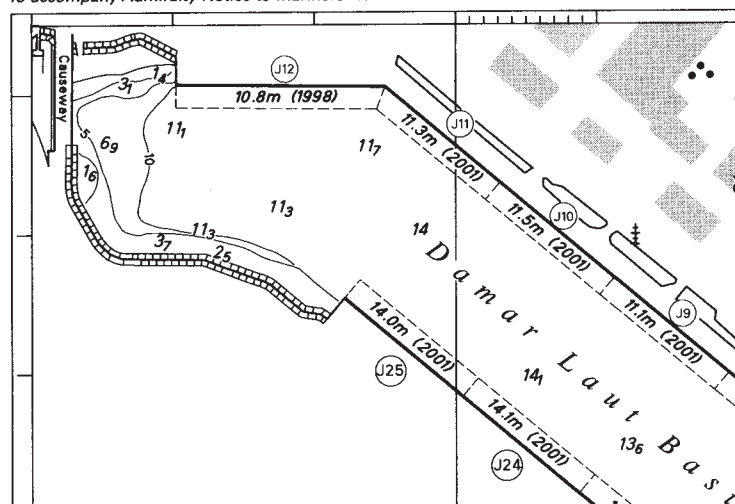


To accompany Admiralty Notice to Mariners
No 408 of 2002



Block for Chart No 2355

To accompany Admiralty Notice to Mariners No 410 of 2002



Block for Chart No 4034

[illegible]

Block for Chart No 2215

III

NAVIGATIONAL WARNINGS

See N.M. 13/02. Messages printed below are all in force on 22 January 2002. It is recommended that this reprint should be kept in a file or book divided into areas, followed by subsequent weekly reprints. Only the most convenient Admiralty Chart is quoted. For those series originated by other authorities only selected important warnings are reproduced.

(1) Navarea I (NE Atlantic) 5th Week 31/1/02.

NAVAREA I warnings in force 22/01/02: 2000 series: 189 397 419 473 533.

2001 series: 114 151 152 222 252 258 283 303 311 487 499 510 521.

2002 series: 005 008 029 031 032 034 035 036 037.

025 Cancelled.

026 Cancelled.

027 Cancelled. Cancel 026/02

028 Cancelled.

029 DOVER STRAIT TSS, Southwest-bound lane. Chart BA 536. Wreck, least swept depth 22₆ metres, located 50°43'·50N 000°44'·12E.
Cancel 457/01. Buoyage and Exclusion Zone discontinued.

030 Cancelled. Cancel 501/01.

031 FRANCE, Northwest Coast. Off Ushant TSS. Chart BA 2644. Northeast lightbuoy 48°46'N 005°12'W off station.

032 NORTH SEA, Netherlands Sector. TSS West Friesland. Chart BA 1505. Dangerous Wreck reported 53°34'·7N 003°38'8E.

033 Cancelled. Cancel 516/01

034 RIGLIST. Southern North Sea: 51° to 55°N. Correct at 221000z Jan 02.

52°22'·1N	003°46'·6E	Noble Lynda Bossler
52°22'·9N	003°16'·0E	Ensco 100
53°20'·4N	003°19'·4E	Ensco 80
53°21'·4N	003°59'·0E	Noble Piet Van Ede
53°42'·3N	004°36'·1E	Glomar Adriatic 11
53°55'·7N	000°32'·3E	Noble Julie Robertson

NOTES:

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

b. ACP - Adjacent to Charted Platform.

2. Cancel 021/02.

III

035 RIGLIST. North Sea: 55° to 60°N, East of 5°W and the Baltic Sea. Correct at 221000z Jan 02.

	55°31'·8N	005°00'·4E	Maersk Endeavour
	55°43'·1N	017°59'·8E	Petrobaltic
	56°00'·2N	003°11'·1E	Glomar Arctic 4
	56°07'·8N	004°24'·6E	Ensco 70
	56°41'·8N	002°14'·9E	J.W. McLean
	56°42'·4N	001°41'·4E	Glomar Grand Banks
	56°43'·3N	003°34'·7E	Transocean Nordic
	56°51'·0N	002°15'·3E	Galaxy 1
	57°04'·9N	002°05'·2E	Sedco 714
	57°10'·1N	000°49'·7E	Santa Fe 140
	57°10'·2N	000°41'·1E	Ocean Nomad
	57°49'·4N	000°58'·5W	Borgny Dolphin
NEW	57°49'·7N	000°56'·5W	Stena Dee
	57°59'·3N	000°06'·4W	Ocean Princess
	58°01'·6N	001°06'·6E	Stena Spey
	58°17'·0N	002°02'·6E	Byford Dolphin
	58°18'·1N	001°42'·4W	Sedco 704
NEW	58°30'·1N	000°22'·0E	Pride North Sea
	59°09'·9N	002°29'·2E	Scarabeo 6
	59°26'·0N	001°40'·9E	Glomar Arctic 3
	59°31'·3N	001°25'·4E	Sedco 711
	59°32'·6N	001°39'·5E	Borgsten Dolphin
	59°44'·0N	001°34'·6E	Paul B. Loyd Jnr

NOTES:

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

2. Cancel 022/02.

036 RIGLIST. Norwegian Sea: North of 60°N, East of 5°W. Correct at 221000z Jan 02.

60°20'·1N	004°02'·2W	Transocean Leader
60°20'·4N	001°41'·7E	Transocean John Shaw
60°20'·6N	004°14'·7W	Jack Bates
60°28'·1N	002°39'·2E	Deepsea Delta
60°42'·6N	003°30'·4E	West Venture
60°44'·5N	003°34'·9E	Polar Pioneer
60°51'·4N	002°39'·0E	Maersk Gallant
60°52'·0N	003°33'·5E	Maersk Jutlander
61°02'·0N	001°07'·7E	Sedco 712
61°07'·4N	002°14'·7E	Deepsea Trym
61°19'·0N	002°48'·1E	Transocean Arctic
61°20'·5N	001°59'·8E	Borgland Dolphin
61°22'·8N	002°06'·2E	Bideford Dolphin
61°25'·9N	002°34'·1E	West Vanguard
61°33'·9N	001°36'·4E	Ocean Guardian
64°10'·0N	004°21'·0E	Scarabeo 5
64°37'·3N	006°36'·1E	Transocean Winner
65°01'·1N	006°35'·1E	Transocean Searcher
65°17'·2N	007°18'·2E	Transocean Prospect
65°42'·1N	007°35'·8E	West Alpha
66°03'·6N	008°10'·7E	Stena Don

NOTES:

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

2. Cancel 023/02.

III

037 RIGLIST. South and West Coasts of the British Isles. Correct at 221000z Jan 02.

54°00'·7N 003°46'·2W Ensco 72

NOTES:

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

2. Cancel 024/02.

(2) Navarea II (E Atlantic) 5th Week 31/1/02.

Edited Navarea II warnings in force 22/01/02: NIL.
031 to 040 received.

(3) Navarea III (Mediterranean) 5th Week 31/1/02.

Edited Navarea III warnings in force 22/01/02: 466/01, 552/01.
Nil received.

(4) Navarea IV (NW Atlantic) 5th Week 31/1/02.

Edited Navarea IV warnings in force 22/01/02: 383/01.
019 to 026 received.

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

Edited Navarea V warnings in force 22/01/02: 923/97, 568/98, 055/01, 1368/01.
2001 series: 1779 to 1827 received.
2002 series: 035 to 072 received.

(6) Navarea VI (SW Atlantic) 5th Week 31/1/02.

Edited Navarea VI warnings in force 22/01/02: 101/01, 175/01.
2001 series: 337 to 345 received.
2002 series: 001 to 012 received.

(7) Navarea VII (SE Atlantic) 5th Week 31/1/02.

Edited Navarea VII warnings in force 22/01/02: NIL.
006 to 009 received.

(8) Navarea VIII (Indian Ocean) 5th Week 31/1/02.

Edited Navarea VIII warnings in force 22/01/02: 388/00, 268/01, 497/01.
032 to 053 received.

(9) Navarea IX (Persian Gulf, Red Sea, NW Arabian Sea) 5th Week 31/1/02.

Edited Navarea IX warnings in force 22/01/02: NIL.
2001 series: 315 to 334 received.

(10) Navarea X (Australia, New Guinea) 5th Week 31/1/02.

Edited Navarea X warnings in force 22/01/02: 020/00.
Nil received.

(11) Navarea XI (Malacca Strait, China Sea, N Pacific) 5th Week 31/1/02.

Edited Navarea XI warnings in force 22/01/02: NIL.
2001 series: 849 to 888 received.
2002 series: 001 to 009 received.

III

(12) Navarea XII (NE Pacific) 5th Week 31/1/02.

Edited Navarea XII warnings in force 22/01/02: 288/01.
024 to 028 received.

(13) Navarea XIII (NW Pacific) 5th Week 31/1/02.

Edited Navarea XIII warnings in force 22/01/02: NIL.
Nil received.

(14) Navarea XIV (SW Pacific) 5th Week 31/1/02.

Edited Navarea XIV warnings in force 22/01/02: 091/01, 245/01.
2001 series: 266 received.
2002 series: 005 to 007 received.

(15) Navarea XV (SE Pacific) 5th Week 31/1/02.

Edited Navarea XV warnings in force 22/01/02: 061/01.
002 and 003 received.

(16) Navarea XVI (E Pacific) 5th Week 31/1/02.

Edited Navarea XVI warnings in force 22/01/02: 151/98.
Nil received.

(17) Hydropacs (Pacific, Indian Ocean) 5th Week 31/1/02.

Edited Hydropacs in force 22/01/02: 1272/99, 1639/01, 1647/01.
091 to 131 received, except 129.

(18) Hydrolants (Atlantic, Mediterranean) 5th Week 31/1/02.

Edited Hydrolants in force 22/01/02: 2002/98, 1581/00, 2659/01.
106 to 154 received, except 150.

[05/02]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

NP 6 South America Pilot Volume II (1993 Edition) — Supplement 2–1999**Eastern entrance of Estrecho de Magallanes —
Tidal streams**

225

R 17 *Add:*

Mariners are advised that tidal streams significantly stronger than those predicted have been reported in Primera Angostura. Also, sub-surface counter-currents have been reported in Bahía Posesión which might affect the navigation of deep-draught vessels.

Royal Netherlands Navy Hydrographic Office
(HH. 648/410/02) [05/02]

NP 15 Australia Pilot Volume III (1999 Edition)**Mackay — Leading lights altered**

206

Paragraph 6.234 *Replace by:***Approach from north–north–east
6.234****1 Leading lights:**

Front and rear lights (21°06′.8S, 149°13′.7E) standing on Southern Breakwater.

From a position NE of Slade Rock (21°05′.2S, 149°14′.3E), the alignment (209¾°) of the above lights leads SSW towards the harbour entrance and thence into Mackay Marina (6.245), passing (positions from the front light):

2

ESE of Slade Rock, thence;
WNW of Slade Islet (1¼ miles NE) (6.228), thence:

Across a spit (1 mile NNE) with a depth of 4.2 m over its outer end, the W–most danger extending from Slade Islet, thence:

Through the harbour entrance (5 cables NNE).

3

Thence vessels may be manoeuvred as required for berthing.

Australian Notices 16/430/01 & 26/725/01
(HH. 576/490/02) [05/02]

NP 30 China Sea Pilot Volume I (2001 Edition)**Urmston Road — anchorage, pilot boarding
position**

259

Paragraph 8.53 3 and 4 *Replace by:***3 Outer anchorage.** Vessels can wait in Urmston Road Anchorage (22°24′N, 113°53′E) (9.167).

Paragraph 8.55 1 lines 2 and 3 *Replace by:*
Pilots board in Urmston Road. See also ...

309

Paragraph 9.155 9 *Replace by:***9**

To the pilot boarding station or Urmston Road Anchorage (9.167) as required.

United Kingdom Hydrographic Office
(HH. 550/408/03) [05/02]

NP 37 West coasts of England and Wales Pilot (1999 Edition)**Wadebridge**

60

Paragraph 2.99 1 lines 3–6 *Replace by:*

...Padstow. When the height of the tide at Padstow is 6 m or more, vessels drawing up to 2.4 m can navigate this stretch of the river, which is unmarked, but they must be prepared to lie aground at their berths.

United Kingdom Hydrographic Office
(HH.220/818/01) [05/02]

NP 38 West Coast of India Pilot (1998 Edition)**Approaches to Okha — wreck**

271

After Paragraph 9.52 1 line 6 *Insert:*

A wreck (1¾ miles NNW), with a depth of 5 m over it.

Indian Notice 21/375/01
(HH. 502/410/04) [05/02]

Pakistan – Ormāra Southeastwards — wreck

307

Paragraph 10.177 3 *Replace by:***3**

SSE of a dangerous wreck which lies 1½ miles S of the E extremity of Rodrigues Shoal (10.181); the shoal, which extends from 2 to 12 miles E of the peninsula of Ormāra (25°11′N, 64°38′E), is marked near its W end by an isolated danger light-buoy. Thence:

Pakistani Notice 42/128/01
(HH. 500/420/03) [05/02]

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

Baia di Santa Panagia — Regulations

234

R 19–21 *Replace by:*

Anchorage for large vessels, awaiting berths at the oil terminal can be obtained in the following zones:

Corridor A (for vessels between 25 000 and 50 000 grt) which lies between the seaward port limit and a line parallel with it 6 cables NE.

Corridor B (for vessels exceeding 50 000 grt) which lies between the outer limit of corridor A and a line parallel with it a further 5 cables NE.

Corridor C (for vessels less than 25 000 grt) which lies inshore between the seaward port limit and the remainder of Baia di Santa Panagia, but clear of prohibited areas.

234

R 22–26 Including existing Supplement amendment, *Replace by:*

Port limits. The harbour limits are marked on the chart and consists of the area bounded by the shore and the line joining Punta Magnisi and Capo Santa Panagia.

Notice of ETA required. The ETA of a vessel is required 72 hours prior to arrival. See the relevant edition of *Admiralty List of Radio Signals*.

Pilotage is compulsory in Baia di Santa Panagia. For all inbound vessels this applies from 1.5 miles E of the port seaward limits line. For all outbound vessels pilotage is compulsory out to a position 1 mile E of the port seaward limits line. The pilot will board large vessels approaching from the S off Porto di Siracusa, and about 1 mile N of Capo Santa Panagia for vessels approaching from N. A second pilot is recommended, by local authorities, for vessels of 60 000 grt or above. The pilot boat has a black hull with a white band and white superstructure with the word *Piloti* painted on each side. See the relevant *Admiralty List of Radio Signals*.

Tugs up to 3300 hp available. The number of tugs allocated is decided by the harbour authority, based on the vessels grt.

Prohibited area:

Pontile ISAB. The area 5 cables either side of pontile ISAB is prohibited to all activities to ensure that it remains clear for tanker berthing manoeuvres.

Regulations concerning entry. For tanker regulations see *Admiralty List of Radio Signals*.

Tankers should send their ETA at least 72 hours in advance and maintain contact with Augusta coast radio station or the harbour master at Siracusa by VHF until entering Baia di Santa Panagia.

Vessels berth during daytime only, unberthing at any time, and must arrange for a floating boom to be rigged all round in order to prevent oil pollution.

The following is prohibited in Baia di Santa Panagia:

passage, berthing and waiting by unauthorized craft within 300 m of vessels.

the navigation of pleasure craft, water skiing and similar activities.

fishing, however prosecuted.

All vessels are prohibited from anchoring in Rada di Santa Panagia other than in stipulated anchorages.

Demurrage at stipulated anchor berths is permitted, other than for particular circumstances, for a maximum period of 48 hours, during which continuous radio watch on VHF Ch 14 and 16 must be maintained.

In addition to the prohibition against fishing in Rada di Santa Panagia, any activity near the tanker anchorage waiting zones which could obstruct anchoring is prohibited.

All vessels are prohibited to approach within 3 cables of other vessels manoeuvring or at anchor.

Current. A current sets S in Baia di Santa Panagia in summer and autumn at the rate of ¼ kn. The current is quite noticeable near the coast and extends 1 mile to 1¾ miles offshore.

Facilities. Clean and dirty ballast discharge facilities including ballast reception tanks of 100 000 cubic metres available. Nearest hospital is in Siracusa.

Supplies. Fresh water, bunkering, all grades, available.

Italian Notice 22/16/01

(HH. 368/007/2001)

[05/02]

NP 57A Norway Pilot Volume IIA (1979 Edition) — Supplement 10–1999

Sognefjorden – Høyanger — Anchorage; submarine cable

202

R 23 *Add:* Attention is drawn to a submarine cable which runs through the entire length of Høyangsfjord and which has its landing in the NW corner of the fjord.

Norwegian Notice 24/1064/01

(HH. 310/300/02)

[05/02]

NP 58A Norway Pilot Volume IIIA (1982 Edition) — Supplement 8–2000

Stamsund — Anchorage deleted

243

L 40–41 *Delete*

Norwegian Notice 23/1026/01

(HH. 310/570/03)

[05/02]

IV

[05/02]

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS

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AMENDMENTS TO FISHERMAN'S PILOT NP 150

Section 2

Admiralty List of Lights

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2343	- 4.1M NE. Meteorological Mast	52 59.1 1 22.0	Fl Y 3s	12	... Grey tower on round yellow metal pile 62	1 on either side of mast. Ra refl. (P) 2001/02. Mast will remain until March 2005. Wind Farm development (P) 2004/05
---		...	F R	62	... Masthead	
---		...	F R	37	... Mast	1 on either side of mast
---		...	Horn Mo(U) 30s			
	*		*	*	*	*
2430	<i>Bull Lt F</i> (ABP)	53 33.5 0 05.7	VQ W	7	6 ▽ yellow hull, black superstructure	
-		...	Horn(2) 20s	...	...	<i>bl 2, si 2, bl 2, si 14</i>
	*					*

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AMENDMENTS TO FISHERMAN'S PILOT NP 151

Section 2

Admiralty List of Lights

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3385	- Ldg Lts 166°. Front	57 41.9 2 54.2	F R	...	...	Middle pier 4	MV.PA
			*			*	
3385 1	-- Rear. Harbour Road	57 41.9 2 54.2	F R	...	...	8	MV PA
	*		*			*	
3808 3	---	60 25.3 0 45.1	Fl(2)G 5s	3	...	Green metal post	
*	*		*	*	*	*	*
3808 35	-- Orfans Holm	60 25.2 0 45.0	Q(9)W 15s	...	...	∇ on yellow beacon, black band	
*	*		*	*	*	*	*
4122	- Eileanan Glasa. Green Island. Dearg Sgeir (N)	56 32.3 5 54.7	Fl W 6s	7	8	White clad metal framework tower 7	fl 0.3
						*	*
4172	Lady's Rock (N)	56 26.9 5 37.0	Fl W 6s	12	5	Red clad metal framework tower on white concrete base 12	fl 0.5
						*	*
4186	Kerrera Sound. Dubh Sgeir (N)	56 22.8 5 32.2	Fl(2)W 12s	7	5	White round tower, concrete base 7	fl 0.5, ec 1.5, fl 0.5, ec 9.5. TE; Fl(2)W 12s 3m 5M shown from N and S corners of metal scaffold tower (T) 2001/02
							*
4208	- Reisa an t-Sruith. S end of island (N)	56 07.8 5 38.8	Fl(2)W 12s	12	7	White column, concrete base 5	fl 0.5, ec 1.5, fl 0.5, ec 9.5. Fl(2)W 12s 13m 5M shown from 7m scaffold tower (T) December 2001 to February 2002
							*
4254	- Rubh'an Dùin (N)	55 44.7 6 22.4	Fl(2)WR 7s	15	W 13 R 12	White stone tower 13	fl 0.5, ec 1.5, fl 0.5, ec 4.5. W218°–249°(31°), R249°–350°(101°), W350°–036°(46°). Unsectored Fl(2)W 7s 14m 8M shown from tower balcony (T) December 2001 to 2002.
						*	*

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AMENDMENTS TO FISHERMAN'S PILOT NP 152

Section 2

Admiralty List of Lights

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4892	- Esplanade. Lts in line 156°. Front	53 55.7 3 00.5	Iso G 2s	14	9	Stone tower 12	Vis 1.5° either side of leading line. Light is a pale green in colour. Shown 24 hours. Channel liable to change
					*	*	
4892 1	--- Rear. 320m from front	53 55.6 3 00.5	Iso G 4s	28	9	Stone tower 25	Vis 1.5° either side of leading line. Light is a pale green in colour. Shown 24 hours.
					*	*	
5258	New Quay. Pier. Head.	52 13.0 4 21.4	Fl WG 3s	12	W 8 G 5	Green △	fl 1. W135°–252°(117°), G252°–295°(43°). TE 2001. Mo(AP)R 129m Occas on Aerodrome Identification beacon 9.7M SW
							*
5728	- Fort Davis. Ldg Lts 354°. Front. (CH)	51 48.8 8 15.8	Dir WRG	29	17	12	F G351.5°–352.25°(0.75°), AL WG352.25°–353°(0.75°), F W353°–355°(2°), AL WR355°–355.75°(0.75°), F R355.75°–356.5°(0.75°). Shown 24 hours
	----	...	By day	...	3		
	*						
5973	Ballywalter. Breakwater. Head	54 32.7 5 28.8	Fl WRG 1.5s	5	9	Metal column 3	fl 0 5. G240°–267°(27°), W267°–277°(10°), R277°–314°(37°). May be difficult to distinguish against ambient lighting
							*
6094 5	-Greencastle. S Breakwater	55 12.1 6 59.1	Fl(2)WRG 3s	4	...	...	G346°–041°(55°), W041°–046°(5°), R046°–056°(10°). (P) 2001/02
*	*	*	*	*	*	*	*

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AMENDMENTS TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

Volume A, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.

Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

0094	- Banjo Pier. Head	50 21.1 4 27.1	Oc WR 3s	8	W 15 R 12	Red metal column 6	<i>ec 1, W013°-207°(194°), R207°-267°(60°), W267°-313°(46°), R313°-332°(19°)</i> *
4050	- Eilean Trodday (N)	57 43.6 6 17.8	Fl(2)WRG 10s	49	W 12 R 9 G 9	White beacon 5	<i>fl 1, ec 1, fl 1, ec 7. W062°-088°(26°), R088°-130°(42°), W130°-322°(192°), G322°-062°(100°).</i> Unsectored Fl(2)W 10s (fl 0.3, ec 1.5, fl 0.3, ec 7.9) 49m 5M shown from scaffold tower (T) January to April 2002 *
4186	Kerrera Sound. Dubh Sgeir (N)	56 22.8 5 32.2	Fl(2)W 12s	7	5	White clad metal framework tower, concrete base 7 *	<i>fl 0.5, ec 1.5, fl 0.5, ec 9.5</i> *
4208	- Reisa an t-Sruith. S end of island (N)	56 07.8 5 38.8	Fl(2)W 12s	12	7	White clad metal framework tower 7 *	<i>fl 0.5, ec 1.5, fl 0.5, ec 9.5</i> *
5541	Chapel Rock	51 36.4 2 39.2	Fl WRG 2.6s	6	8	Black metal framework tower, white lantern 8	<i>fl 0.4, W213°-284°(71°), R284°-049°(125°), W049°-051.5°(2.5°), G051.5°-160°(108.5°).</i> W213 -284 (71), G284 -049 (125), W049 -051.5 (2.5), R051.5 -160 (108.5) (P) April 2002 *
5974			<i>Remove Fog Signal</i>				
6021	- RIVER LAGAN. Barnett Dock Entrance. Off Ballast Quay	54 36.8 5 54.5	2 F R(ver)	...	...	Dolphin	<i>Vis 040°-270°(230°).</i> To be converted to all round lights (P) 2002 *
7484.4	- Q4-A (NETH)	52 46.7 4 16.0	Lit				
*	*	*	*	*	*	*	*
7484.8	Halfweg (NETH)	52 52.9 4 19.2	Lit				
*	*	*	*	*	*	*	*
7780-975	- Southeastwards. DUC-T-SE	55 38.5 4 53.1	Mo(U)W 15s	...	10	Platform	
---		...	Mo(U)R 15s	...	3		
---		...	Mo(U)W 30s				
	*		*		*		

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Volume B, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.

Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

0346·6	- Schuilenhaven	51 20·8 4 16·8	F G	...	8		
*	*	*	*	*	*	*	*
0346·7	- Berendrechtsluis. S side	51 20·7 4 16·8	F G	...	8	Post	
*	*	*	*	*	*	*	*
0384	Boerenschans. Ldg Lts 095°. Front	51 15·2 4 19·9	Fl WRG 4s	5	W 9 R 7 G 6	Red □ on black beacon	<i>fl 1. R shore-317·5°, W317·5°-336°(18·5°), G336°-080°(104°), W080°-102°(22°), R102°-115°(13°). Tide gauge</i>
	-	...	F R	8	...	Same structure	Neon ▽
	*		*	*		*	*
0398·01	Bornem Wintam. Ldg Lts 243°. Front	51 07·4 4 18·0	Oc W 5s	4	4	Red pole	
*	*	*	*	*	*	*	*
0398·02	-- Rear	51 07·4 4 17·9	Oc W 5s	6	4	Red pole	
*	*	*	*	*	*	*	*
0398·03	-	51 07·4 4 18·0	Oc WRG 5s	...	4	Same structure as 0398·01	R093·1°-097·9°(4·8°), W097·9°-239·9°(142°)
*	*	*	*	*	*	*	*
0398·05	Wintam. Zeesluis. Entrance. E side	51 08·0 4 18·5	F R	...	...	Tower	
*	*	*	*	*	*	*	*
0845·1	--	52 46·3 4 39·3	Fl(5)Y 20s				
*	*	*	*	*	*	*	*
3215	- Sirevåg. Ldg Lts 135°. Front	58 30·2 5 47·6	F R	...	...	Post	Lead into harbour
	*						
3215·3	-- Mole	58 30·4 5 47·1	Iso G 6s	12	...	...	Floodlit
*	*	*	*	*	*	*	*
3215·5	-- Persodden	58 30·4 5 47·3	F R	11	...	...	Floodlit
*	*	*	*	*	*	*	*
3215·7	-- Vestreodden	58 30·3 5 47·4	F G	7	...	...	Floodlit
*	*	*	*	*	*	*	*
3215·9	-- Indreodden	58 30·4 5 47·4	F R	17	...	...	Floodlit
*	*	*	*	*	*	*	*

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3288-4	- Oanes	58 54:1 6 04:5	F R	...	...	...	Floodlit
*	*	*	*	*	*	*	*
3288-6	- Forsand	58 50:0 6 05:1	F G	...	...	...	Floodlit
*	*	*	*	*	*	*	*
3487-1	--- Rear. 150m from front	59 25:0 5 14:5	F R	13	...	Lantern on tripod	
		*			*	*	
3523	- Ferkingstadneset	59 13:6 5 10:2	Oc(2)WRG 8s	19	W 14 R 12 G 12	White lantern, concrete base	G355°-018°(23°), W018°-084°(66°), R084°-102°(18°), W102°-145°(43°), G145°-184°(39°), R184°-200°(16°)
		*					*
3524	- Ferkingstad. Mole. Head	59 14:0 5 10:7	Oc WR 6s	9	W 4 R 3	Metal column	W122°-233°(111°), R233°-122°(249°)
		*			*		*
3525	- ÅKREHAMN. Mortholmen	59 15:3 5 10:5	Oc WRG 6s	7	W 6 R 4 G 3	White lantern on stone base	R004°-006:5°(2:5°), G006:5°-053°(46:5°), R053°-169°(116°), W169°-171°(2°), G171°-179°(8°)
		*	*		*		*
3526-9	-- Ldg Lts 012°. Mole. Head. Front	59 15:3 5 10:6	Iso R 2s	4	1	Post	
		*			*	*	
3527	--- Common Rear/Front	59 15:5 5 10:6	Iso W 4s	9	4	Lantern on post	
		*			*	*	
3527-1	-- Ldg Lts 121°. Rear	59 15:4 5 10:9	Iso W 2s	14	4	Lantern on post	
		*			*	*	
3532	- Marøy	59 16:6 5 10:8	Oc WRG 6s	10	W 6 R 4 G 4	White lantern	R007°-031°(24°), W031°-035:5°(4:5°), G035:5°-135°(99:5°), W135°-160°(25°), R160°-178°(18°)
		*		*			*
3536	- Kallstø	59 20:3 5 11:4	Oc(3)WRG 10s	21	W 12 R 9 G 8	White lantern on wooden structure	R339°-009°(30°), G009°-025°(16°), R025°-035°(10°), W035°-099°(64°), R099°-130°(31°), W130°-138°(68°), G138°-164°(26°), R164°-178°(14°).
		*	*		*		*

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Volume B *continued.*

3541.4	- TUAVÅGEN, Vindballen	59 17.6 4 53.3	Iso WRG 4s	14	...	White lantern on concrete column	R295°-356°(61°), W356°-019°(23°), G019°-029°(10°), W029°-038.5°(9.5°), R038.5°-055°(16.5°), G055°-085°(30°), W085°-092.5°(7.5°), R092.5°-112°(19.5°)
		*				*	*
3544	- BEININGSUNDET, Beiningskalven	59 17.7 4 54.0	Fl WR 3s	11	...	Post	<i>fl</i> 0.5, W244°-332°(88°), R332°-244°(272°)
		*				*	*
3546	- Søre Vindkjeftholmene, SE point, Feøy	59 22.4 5 10.3	Iso WRG 2s	11	...	White lantern on wooden structure	G160°-238°(78°), R238°-331.5°(93.5°), G331.5°-348.5°(17°), W348.5°-005°(16.5°), R005°-049°(44°)
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3550	- Kvaløysund, Gitterøy	59 23.2 5 11.0	Iso WRG 4s	9	W 6 R 4 G 3	White lantern	R074°-101°(27°), G101°-153°(52°), W153°-182°(29°), R182°-189°(7°), G189°-282°(93°)
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3554	- Feøy, SW side, Middagsnes	59 22.6 5 08.9	Oc WRG 6s	9	W 9 R 7 G 6	White lantern	R322°-349°(27°), W349°-354.5°(5.5°), G354.5°-065°(70.5°), W065°-070°(5°), R070°-138°(68°)
		*	*			*	*
3556	- Kvaløytåi	59 24.2 5 09.5	Fl WRG 5s	11	W 9 R 7 G 6	White lantern on tripod	<i>fl</i> 0.7, G018°-033°(15°), W033°-047°(14°), R047°-052°(5°), G052°-083°(31°), R083°-086°(3°), G086°-097°(11°), R097°-164°(67°), W164°-172°(8°), G172°-175°(3°), W175°-186.5°(11.5°), R186.5°-204°(17.5°), G204°-239°(35°), W239°-241°(2°), R241°-263°(22°)
		*				*	*
3558	- Kråkene	59 25.3 5 12.6	Oc WRG 6s	10	W 3 R 2 G 2	White lantern on tripod	G221°-248.5°(27.5°), W248.5°-265°(16.5°), R265°-029°(124°), W029°-040°(11°), G040°-064.5°(24.5°), R064.5°-072.5°(8°), G072.5°-116.5°(44°), W116.5°-119.5°(3°), R119.5°-125°(5.5°)
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3560	Hanseskjær	59 23.9 5 12.5	Iso WRG 2s	7	W 3 R 2 G 1	White lantern	G014°-018°(4°), R018°-022°(4°), G022°-112°(90°), W112°-119.5°(7.5°), R119.5°-218°(98.5°), G218°-227°(9°)
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3564	--	59 25.5 5 07.5	Iso WRG 2s	22	W 6 R 4 G 4	White lantern	G248°-265.5°(17.5°), W265.5°-267°(1.5°), G267°-316°(49°), R316°-357°(41°), W357°-015°(18°), G015°-079°(64°), R079°-116°(37°)
		*			*		*
3578	-- Ryvarden	59 31.7 5 13.5	Oc(3)WRG 10s	21	W 12 R 10 G 9	Lantern	G358°-007.5°(9.5°), W007.5°-034.5°(27°), R034.5°-064°(29.5°), W064°-066°(2°), G066°-131°(65°), W131°-153.5°(22.5°), R153.5°-183°(29.5°), W183°-193°(10°), G193°-202°(9°)
		*			*	*	*
3580	- Håskru	59 32.9 5 14.3	Iso WRG 2s	10	...	White lantern on tripod	G008°-022°(14°), W022°-042°(20°), R042°-063°(21°), W063°-204°(141°), G204°-225°(21°)
		*		*	*	*	*
3584	- Raudholmane	59 33.5 5 08.5	LFI WRG 10s	17	W 3 R 2 G 2	White lantern on tripod	R041°-081°(40°), W081°-127°(46°), R127°-143°(16°), G143°-201°(58°), W201°-208.5°(7.5°), R208.5°-242°(33.5°), W242°-288°(46°), R288°-329.5°(41.5°), G329.5°-041°(71.5°)
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3585	- Bømlahamn	59 35.7 5 14.1	Oc(3)WRG 10s	8	W 4 R 2 G 2	White lantern, concrete base	R264°-290°(26°), W290°-304.5°(14.5°), G304.5°-006°(61.5°), W006°-019.5°(13.5°), R019.5°-030°(10.5°)
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3593.2	- Austneset	49 42.7 5 23.8	Q(9)W 15s	2	...	Post	
		*		*		*	
3602	- Marholmen	59 34.9 5 08.7	Iso WRG 6s	7	...	White lantern	R152°-158°(6°), G158°-292°(134°), W292°-346.5°(54.5°), R346.5°-005°(18.5°)
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3604	- Dørøys	59 35.2 5 09.4	Iso WRG 2s	7	... White lantern	G240°-279°(39°), W279°-284°(5°), R284°-016°(92°), W016°-023°(7°), G023°-027°(4°)
		*			*	*
3608	- Dyrnes	59 36.9 5 10.1	Iso WRG 4s	19	... White lantern	G357°-007.5°(10.5°), R007.5°-038°(30.5°), G038°-096°(58°), W096°-108.5°(12.5°), R108.5°-177°(68.5°), G177°-209°(32°)
					*	*
3610	- Lyngøyosen. SE point	59 40.1 5 08.5	Iso WRG 2s	9	... Lantern on column	R150°-156°(6°), G156°-179.5°(23.5°), W179.5°-185°(5.5°), R185°-194°(9°), W194°-196°(2°), G196°-204.5°(8.5°), R204.5°-290°(85.5°), G290°-339.5°(49.5°), R339.5°-357.5°(18°), W357.5°-002°(4.5°), G002°-010°(8°)
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3612	- Skotningen. W side	59 41.5 5 05.7	Fl WRG 5s	43	W 9 White lantern on wooden R 6 structure G 6	<i>fl 1.</i> R324°-332°(8°), W332°-339°(7°), G339°-010°(31°), R010°-025.5°(15.5°), W025.5°-131.5°(106°), R131.5°-134.5°(3°), W134.5°-159°(24.5°), R159°-165°(6°), G165°-170°(5°), R170°-192.5°(22.5°), G192.5°-196°(3.5°), R196°-233°(37°), W233°-239°(6°), G239°-245°(6°)
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3614	- Hiskehove. Hisken	59 43.2 5 07.9	Iso WRG 6s	17	... White lantern, concrete base	R229°-242°(13°), W242°-291.5°(49.5°), G291.5°-343.5°(52°), W343.5°-350°(6.5°), R350°-077°(87°), W077°-103.5°(26.5°), R103.5°-106.5°(3°), W106.5°-132.5°(26°), G132.5°-150°(17.5°)
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3615	- Melandsvåg	59 45.4 5 10.0	Iso WRG 2s	2	... White lantern	R206°-215°(9°), G215°-341°(126°), W341°-347°(6°), R347°-090°(103°), W090°-092°(2°)
		*			*	*
3624	- Samningsøy	59 48.6 5 06.0	Iso RG 2s	4	... White lantern	G143°-149.5°(6.5°), R149.5°-313°(163.5°), G313°-323°(10°)
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3626	- Aksteinen	59 46:9 5 06:3	Iso WRG 4s	15	...	White lantern, stone base	G003°-014°(11°), R014°-026:5°(12:5°), W026:5°-030:5°(4°), G030:5°-086°(55:5°), W086°-090°(4°), R090°-189°(99°), W189°-199°(10°)
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3628	- Melingsvåg. Ldg Lts 058°. Front	59 46:8 5 07:0	F R	8	2	Lantern on post	Vis 048°-068°(20°)
		*			*	*	*
3632	- Litlanesholmen. SW point	59 46:9 5 06:9	Q G	4	1	Lantern on post	
		*				*	*
3634	- Trettholmen	59 50:1 5 04:2	Iso WRG 6s	16	...	White lantern, concrete base	G123°-125°(2°), W125°-135°(10°), R135°-330°(195°), G330°-338°(8°)
		*			*		*
3642	- Svollandsnes. Kobskjær	59 41:2 5 36:6	Oc(2)WRG 8s	5	W 9 R 9 G 9	White lantern, stone base	R028°-141°(113°), W141°-156°(15°), G156°-176°(20°), W176°-195°(19°), R195°-258°(63°), W258°-271°(13°), G271°-294°(23°), R294°-341°(47°)
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3646	- Fornesholmen	59 41:1 5 44:0	Iso WRG 4s	6	...	White lantern, concrete base	R056:5°-073°(16:5°), G073°-094°(21°), W094°-106°(112°), R106°-110°(4°), W110°-114:5°(4:5°), G114:5°-120°(5:5°), W120°-126°(6°), R126°-185°(59°), G185°-211°(26°), W211°-234°(23°), R234°-270°(36°)
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3648	- Etnesundet. Kampareholmen	59 38:7 5 47:5	Iso WRG 2s	5	...	White lantern, concrete base	G000°-118°(118°), W118°-120:5°(2:5°), R120:5°-157°(36:5°), W157°-168:5°(11:5°), G168:5°-253°(84:5°), W253°-260°(7°), R260°-276°(16°)
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3650	- Nordre Fjelbergsund	59 44:2 5 41:4	Iso WRG 4s	4	...	White lantern	R123:5°-137:5°(14°), W137:5°-141°(3:5°), G141°-290°(149°), W290°-294:5°(4:5°), R294:5°-308°(13:5°)
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3652	- Fjelbergsund	59 43.8 5 42.7	Iso WRG 2s	6	... White lantern	G153°-164°(11°), W164°-183°(19°), R183°-318.5°(135.5°), W318.5°-327.5°(9°), G327.5°-342°(14.5°)
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3654	- Taraldsøy, Brattholmen	59 43.6 5 50.9	Iso WRG 6s	7	... White lantern	R277°-044.5°(127.5°), W044.5°-068°(23.5°), G068°-083°(15°), R083°-190°(107°), G190°-206°(16°), W206°-242°(36°), R242°-277°(35°)
		*			*	*
3656	- Skånevik, Trønskenesflu	59 44.7 5 55.5	Iso WRG 2s	4	... White lantern on tripod	G304°-328°(24°), W328°-341°(13°), R341°-072°(91°), W072°-094°(22°), G094°-117.5°(23.5°), W117.5°-131°(13.5°), R131°-166°(35°), W166°-181°(15°), G181°-222.5°(41.5°)
		*			* *	*
3666	Høylandssund. Hillestadholmen	59 47.7 5 48.3	Iso WRG 4s	17	... White lantern	G050°-088°(38°), R088°-145°(57°), W145°-154.5°(9.5°), G154.5°-195°(40.5°), W195°-199°(4°), R199°-313°(114°), W313°-320°(7°), G320°-002°(42°)
		*		* *		*
3668	Bjellandsøy, S point	59 49.4 5 42.0	Iso WRG 6s	24	W 5 White lantern R 3 G 3	G255°-260°(5°), W260°-269°(9°), R269°-358°(89°), W358°-009°(11°), G009°-077°(68°), R077°-097°(20°), W097°-150.5°(53.5°), R150.5°-162°(11.5°)
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3671	Hågarnsnes	59 52.6 5 44.5	Iso WRG 4s	5	... White lantern on concrete column	G042°-053°(11°), W053°-077°(24°), R077°-149°(72°), G149°-179°(30°), W179°-203°(24°), R203°-256°(53°)
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3674	- Kvinnheradsfjorden. Fjæreflu	60 02:5 5 55:5	Oc(3)WRG 10s	6	W 10 R 8 G 8	White lantern on concrete column	R172°-179:5°(7:5°), W179:5°-189°(9:5°), G189°-201°(12°), W201°-205°(4°), R205°-226°(21°), W226°-239°(13°), G239°-330:5°(91:5°), W330:5°-342:5°(12°), R342:5°-353°(10:5°), W353°-026:5°(33:5°), R026:5°-058°(31:5°), G058°-076:5°(18:5°)
		*			*		*
3678	- Sildafjord. Ænes	60 05:7 6 07:1	Oc(2)WRG 8s	11	W 10 R 8 G 8	White lantern on wooden structure	R048°-056°(8°), W056°-067°(11°), G067°-154:5°(87:5°), W154:5°-169°(14:5°), R169°-248°(79°), W248°-250:5°(2:5°), G250:5°-259°(8:5°)
		*			*		*
3680	- HISSFJORD. Hamaren	60 11:4 6 05:2	Oc(3)WRG 10s	17	W 10 R 8 G 8	White lantern, concrete base	R342°-344°(2°), W344°-001:5°(17:5°), G001:5°-009°(7:5°), R009°-062:5°(53:5°), W062:5°-211°(148:5°), R211°-218°(7°)
		*			*		*
3690	- Granvinfjord. Håstabbanes	60 27:6 6 36:2	Oc(2)WRG 8s	10	W 10 R 8 G 8	White lantern on wooden structure 6	R226°-231:5°(5:5°), G231:5°-310°(78:5°), W310°-326°(16°), R326°-345°(19°), G345°-046°(61°), W046°-064:5°(18:5°), R064:5°-076°(11:5°)
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3704	- Hamarhaugflu	60 00:2 5 43:5	Oc(2)WRG 8s	4	W 9 R 8 G 7	White lantern on tripod	R280°-290°(10°), W290°-303°(13°), G303°-336°(33°), W336°-354:5°(18:5°), R354:5°-007°(12:5°), G007°-013°(6°), W013°-039:5°(26:5°), R039:5°-153:5°(114°), G153:5°-167°(13:5°), W167°-169:5°(2:5°), R169:5°-180°(10:5°)
		*			*	*	*
3708	-- Vesletorva	60 03:2 5 42:3	Iso WRG 4s	4	...	White lantern	G176°-178:5°(2:5°), W178:5°-187°(8:5°), R187°-016°(189°)
		*		*	*		*
3712-6	- Oldervik	60 22:3 5 40:9	Oc WRG 6s	8	W 9 R 6 G 6	White lantern	R245:5°-254°(8:5°), W254°-260°(6°), G260°-003°(103°), W003°-016°(13°), R016°-021°(5°)
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3722	-- Husøysnaget	59 46·9 5 31·6	Iso WRG 2s	3	W 1 R 1 G 1	White lantern on tripod	G252°-264·5°(12·5°), R264·5°-322·5°(58°), W322·5°-010°(47·5°), R010°-084·5°(74·5°), W084·5°-128°(43·5°), G128°-141°(13°)
		*			*	*	*
3730	-- W side. Landrøypynten	59 58·8 5 23·3	Iso WRG 6s	15	...	White lantern	G303°-311°(8°), W311°-318°(7°), R318°-341·5°(23·5°), G341·5°-079·5°(98°), R079·5°-099·5°(20°), W099·5°-137·5°(38°), G137·5°-150°(12·5°)
		*		*	*		*
3730·4	- BÅRDSUND. Bårdsund	59 59·7 5 22·8	Fl WRG 3s	5	...	Post	<i>fl 0·3.</i> G006·5°-037°(30·5°), R037°-070·5°(33·5°), W070·5°-006·5°(296°)
		*		*	*	*	*
3734	- Røtingtangen	60 07·9 5 21·6	Iso WRG 6s	13	...	White lantern	R269°-290·5°(21·5°), G290·5°-006·5°(76°), W006·5°-122·5°(116°), R122·5°-124°(1·5°)
		*			*		*
3740	- Stokkbleikjene	59 47·1 5 20·1	Iso WRG 4s	7	...	White lantern on tower	G320°-333°(13°), W333°-336°(3°), R336°-136°(160°), G136°-151°(15°), W151°-161°(10°), R161°-168°(7°)
		*			*		*
3741	- Osparøy	59 49·0 5 17·1	Iso WRG 2s	7	...	White lantern	G309·5°-310·5°(1°), W310·5°-316°(5·5°), R316°-328·5°(12·5°), G328·5°-122·5°(154°), W122·5°-125·5°(3°), R125·5°-166·5°(41°), W166·5°-171°(4·5°)
		*			*	*	*
4256·5	- Sandetangen	60 51·0 5 02·5	Iso R 6s	...	...	...	Floodlit
*	*	*	*	*	*	*	*
4257·3	-- Hellraneset	60 51·3 5 03·9	F R	...	...	...	Floodlit
*	*	*	*	*	*	*	*

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Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

2006·75	- Langebros Bridge. Bascule. Opening Span	55 40·2 12 34·7	2 Iso W 4s	...	...	...	1 on either side of bascule
	--- NW Dolphins	...	Fl G 3s				
	--- SE Dolphins	...	Fl R 3s				
	*		*				*

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3082-5	<i>Remove from List</i>						
4188	Ulkonahkiainen. Nahkiainen	64 36-7 23 54-0	Fl(4)W 20s	28	9	White round concrete tower, upper part red 24	<i>(fl 0-3, ec 3) x 3, fl 0-3, ec 9-8.</i> TE 2001. Racon. TR 2001. Helicopter platform above lantern *
4205	- Repskär. Ldg Lts 157°. Front	63 55-9 22 57-0	Q W	9	10	Red □, yellow stripe, on tripod	Vis 147°-167°(20°) *
5130	Porkkala	59 52-1 24 18-4	Q(3)WRG 20s	21	12	Tower on corner of red 2-storey dwelling	R070°-120°(50°), G120°-195°(75°), W195°-070°(235°) *
5235-2	Ldg Lts 065°30'. Basören. Front	60 09-6 25 23-8	Iso WRG 2s	16	7	White □, black stripe, on brown hut	G350°-020-5°(30-5°), W020-5°-026-5°(6°), R026-5°-045°(18-5°), G045°-063-5°(18-5°), W063-5°-067°(3-5°), R067°-139°(72°), G139°-170°(31°) * *
5235-5	- Kajholmen	60 10-5 25 22-5	Fl WRG 3s	7	6	Brown hut	<i>fl 0-3.</i> G328°-347-5°(19-5°), W347-5°-358-5°(11°), R358-5°-058-5°(60°), G058-5°-144-5°(86°), W144-5°-176-5°(32°), R176-5°-203-5°(27°) *
6640	- Jutholmen. SW point	59 07-5 18 24-4	Fl(2)WRG 6s	3	W 9 R 7 G 6	White hut, red roof	G351°-030°(39°), W030°-038-5°(8-5°), R038-5°-044°(5-5°), G044°-095°(51°), R095°-110°(15°), W110°-223-5°(113-5°). Floodlit * *

Volume D, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.

Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

1130-5	- Wharf	47 17-5 2 09-9	Fl R 2-5s				
*	*	*	*	*	*	*	*
1130-52	--	47 17-5 2 09-8	Fl R 2-5s	...	2	...	<i>fl 0-5</i>
*	*	*	*	*	*	*	*
1526	-- Near root. Dir Lt. Arriluce	43 20-4 3 00-8	Q W	22	11	White tower on house 21	Vis 119°-135°(16°) *

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1542	- Punta Pescador	43 27·9 3 26·1	Fl(3+1)W 15s	37	17	White truncated tower and building 13	(fl 0·8, ec 1·4) x 2, (fl 0·8, ec 4·5) x 2
	*				*	*	
1550	-- Dique N. Head	43 23·7 3 27·8	Fl(2)R 6s	7	3	White truncated conical tower, red bands 5	fl 0·5, ec 1, fl 0·5, ec 4
						*	*
1639	<i>Remove from List</i>						
1703	- Ares. Breakwater. Head	43 25·4 8 14·2	Fl(3)R 9s	10	5	Red round tower 6	(fl 0·5, ec 1·5) x 2, fl 0·5, ec 4·5. TE 2002
							*
1831·2	- Arrecife de Aroña	42 38·0 8 53·9	Fl(2)W 7s	...	3	Black ♂ on black post, red band 4	fl 0·5. ec 1·5, fl 0·5, ec 4·5
							*
2059·82	- Canal Principal de Navegação. Beacon. No 24	40 38·4 8 41·0	Fl Y 3s	...	3	Yellow beacon	fl 0·5. TE 2001
							*
2059·84	--- No 26	40 38·5 8 40·8	Fl(2)Y 6s	...	3	Yellow beacon	fl 0·5, ec 1, fl 0·5, ec 4. TE 2001
							*
2069·6	-- Doca de Figueira. W Pier. Head	40 08·9 8 51·5	F R	6	2	Red round tower 3	TE 2001
							*
2209	-- Molhe Leste. Head	36 57·7 7 52·1	Fl G 4s	9	6	Round concrete column	fl 1. Reduced range (T) 2001
							*
2797·2	--	28 02·9 14 21·6	Fl R 4s	4	3	Red truncated metal tower 3	fl 0·4
							*
	PASNI BAY						
7736	- Pasni	25 12·5 63 29·3	Fl(3)W 30s	...	17		
*	*	*	*	*	*	*	*
8634·65	- CANUKU. Ocean Producer Terminal. FPSO	7 05·7 12 28·2	Lit	...	...	...	Reported 2001
*	*	*	*	*	*	*	*

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Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

0022·2	-- Head	36 24·8 5 09·4	Fl G 5s	9	5	Green Mast 7	fl 0·5. TE 2001
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0059	- Dique de Abrigo. Head	36 32·6 4 36·8	Fl(4)R 12s	10	4	Red pyramidal tower 4	(fl 1, ec 1) x 3, fl 1, ec 5. TE 2001
							*
0060·4	- Dique Sur. SW. Head	36 35·7 4 30·7	Fl G 5s	9	10	White truncated conical masonry tower, grey and green bands 5	fl 1. TE 2002
							*
0125·3	- On point	37 35·2 1 00·2	Fl(3)G 12s	8	3	White and yellow truncated conical tower 5	(fl 0·5, ec 1·5) x 2, fl 0·5, ec 7·5. TE 2001
							*
0136	Cabo de Palos	37 38·2 0 41·3	Fl(2)W 10s	81	23	Dark grey round tower 51	fl 0·3, ec 2·2, fl 0·3, ec 7·2. Racon
	-	...	Siren Mo(P) 40s	...	...	...	bl 1·5, si 2, (bl 4·5, si 2) x 2, bl 1·5, si 22
							*
0222	- Monte Colibri	39 54·1 0 41·2	Fl(3+1)W 22s	85	21	White conical tower and dwelling 20	(fl 0·2, ec 2·5) x 2, (fl 0·2, ec 8·1) x 2. Racon. TE 2001
							*
0229·3	-- S Head	39 58·1 0 01·2	Oc G 5s	5	2	Green truncated pyramidal tower	ec 1
*	*	*	*	*	*	*	*
0273	- PUERTO DE SAN ANTONIO. Punta Xinxó	38 58·3 1 17·0	Fl(2)G 7s	9	5	Green △ on green column, on white tower 8	fl 0·5, ec 1·5, fl 0·5, ec 4·5. Vis 075°-275°(200°)
							*
0307·25	--- Breakwater	39 44·3 3 16·5	Fl(3)G 8s	4	3	Round concrete tower 3	(fl 0·5, ec 1) x 2, fl 0·5, ec 4·5
						*	*
0396	- Punta San Cristóbal	41 13·1 1 44·3	Fl(3)W 8s	27	19	Truncated conical stone tower, aluminium cupola, white dwelling 21	(fl 0·2, ec 1·5) x 2, fl 0·2, ec 4·4. Vis 265°-070°(165°)
							*
0452·2	- Contradique. Head	41 40·4 2 47·9	Fl G 3s	7	5	White metal tower, red top 3	fl 1, ec 2. Synchronized with E0452. TE 2002
							*
0484	- Punta Cala Nans	42 16·1 3 17·1	Fl(4+1)W 25s	33	8	White round tower on dwelling 7	(fl 0·5, ec 2·5) x 3, (fl 0·5, ec 7·5) x 2. Q W (T) 2002
							*
0863·4	- Jetée Nord. Head	42 20·5 9 32·5	Fl G 2s	4	2	White tower, green top 2	fl 0·5. TE 2002
							*

V

Volume E *continued*.

0874-51	--	41 21·7 9 15·9	Fl(3)G 12s	5	2	On support	Same structure as E0874-5
*	*	*	*	*	*	*	*
0874-55	-- Rock	41 21·7 9 15·9	Fl(3)R 12s	4	2	Lantern on rock	Destroyed (T) 2002
*	*	*	*	*	*	*	*
0926-5	-- Jetty. Head	42 38·4 8 56·2	Fl G 4s	...	2	On hut	<i>fl 1.</i> Vis 300°-218°(278°). TE 2002
							*
4468	- Vrakhonisís Dhaskaloniísi. (Daskalo)	39 09·7 23 29·7	Fl W 3s	11	5	Metal framework tower 5	<i>fl 0-3</i>
						*	
4946-2	Fatih Sultan Mehmet Bridge. Centre	41 05·5 29 03·5	Oc W 3s	67			
	- 200m W of Centre	...	Oc Y 6s	67	...	...	<i>ec 2.</i> TE 2001
	- 361m W of Centre	...	Oc R 6s	66			
	- W side	...	Fl R	...	...	...	Marks side of tower
	- 200m E of Centre	...	Oc Y 6s	67			
	- 399m E of Centre	...	Oc R 6s	66			
	- E side	...	Fl R	...	...	...	Marks side of tower
							*
5643-5	- Mole. Head	44 43·3 37 49·4	F G	11	2	White round metal column 5	
							*
7427-5	- Viviana 1	42 39·4 14 09·3	Mo(U)W 30s	...	5	Platform	Private
		...	Horn Mo(U) 30s				
			*	*			

Volume F, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.

Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

1700-5	- Pasir Panjang Terminal. PPT-1	1 17·1 103 45·2	Fl G 5s	5	3	Green △ on green beacon	
*	*	*	*	*	*	*	*
1700-52	-- PPT-2	1 17·1 103 45·4	Fl(2)G 10s	5	3	Green △ on green beacon	
*	*	*	*	*	*	*	*
3404	Dafangji Dao (Ta-fang-chi)	21 23·1 111 11·1	Fl W 6s	138	18	Red round concrete tower 13	Racon
							*
3521-4	- <i>MAYOU SHI Lt V</i>	22 16·6 113 48·3	Fl W 6s	...	...	Red hull, name painted on sides	Racon. TR 1999
							*

V

Volume F *continued*.

3635-4	- Ldg Lts 308°. Xifeng Shi. Common front	26 08-0 119 38-3	Fl W 1-5s	30	10	Concrete tower, red and white bands 9	<i>fl 0-5</i>
					*		
3635-41	-- Fudou Shan. Rear. 1-2M from front	26 08-7 119 37-4	Iso W 4s	63	10	White brick structure 9	Front F3635-4
					*		
3635-42	- Ldg Lts 091°. Rear	26 08-0 119 39-5	Iso W 4s	84	10	Brick masonry structure, black and white stripes 5	Front F3635-4
					*		
3641-2	Yang Yu	26 22-2 119 58-2	Fl(2)W 6s	101	16	White 4-sided concrete pyramid 10	<i>fl 0-5, ec 1, fl 0-5, ec 4</i>
							*
3641-95	Sandu'ao Kou. Approaches	26 29-3 120 08-0	Fl W 4s	76	15		Racon
*	*	*	*	*	*	*	*
4184-35	Ulmido	36 35-5 126 12-0	Fl W 6s	71	8	White round concrete tower 12	
*	*	*	*	*	*	*	*
4186	Taech'on Hang. Breakwater. Head	36 19-7 126 30-5	Fl R 6s	13	6	Red square metal tower 8	
				*	*		*
4188-5	- Gajinseo	36 06-2 125 59-9	Fl W 4s	26	8	White round concrete tower 6	Racon
	*						*
4248-5	P'yŏn Sŏ (Byeonseo)	34 11-5 125 49-6	Fl(2)W 5s	15	10	Black 8, on black round concrete tower, red band 13	
				*	*	*	*
4277-5	- Chuja Do	33 57-1 126 17-9	Fl W 20s	131	21	White 6-sided concrete tower 7	Vis 135°-277°(142°), 292°-113°(181°). Racon
	--	...	Horn(1) 40s	...	...	...	<i>bl 5</i>
							*
4279-6	Daeseo	34 11-9 126 38-9	Fl R 5s	10	6	Red round concrete tower 11	
*	*	*	*	*	*	*	*
4284	Yosu Do	33 59-1 126 55-3	Fl W 10s	87	18	White round concrete tower 8	
							*
4294	Habaek Do	34 03-2 127 35-1	Fl W 6s	159	18	White square concrete tower 7	Racon
							*

V

Volume F *continued.*

4308-98	-Daedan	34 39-5 127 48-5	Fl W 4s	31	8 White 8-sided concrete tower	
					13	
*	*	*	*	*	*	*
4360	- Tŭngmudari Am	35 06-0 129 03-6	Q W	11	12 ⚓ on yellow beacon, black top	R lights on towers 1-3M W and 1-03M WNW
					14	
					*	
4410-6	- Yeongil Man. Sinhang Eohang. Breakwater	36 06-6 129 26-5	Fl R 4s	15	7 Yellow 8-sided concrete tower	
					14	
*	*	*	*	*	*	*
4449-9	Uamjin Hang. Breakwater	37 54-1 128 50-0	Fl R 5s	10	5 Red square metal tower	
					6	
*	*	*	*	*	*	*
4456-9	Mulchi Hang. Breakwater	38 09-1 128 36-8	Fl R 5s	11	5 Red square metal tower	
					6	
*	*	*	*	*	*	*
4458-7	Bongpo Hang. Breakwater	38 14-9 128 34-3	Fl R 5s	10	5 Red square metal tower	
					6	
*	*	*	*	*	*	*
4459-45	Gajin Hang. Breakwater	38 21-8 128 30-9	Fl R 5s	9	5 Red square metal tower	
					6	
*	*	*	*	*	*	*
4705	Ch'i-lai Pi	24 01-1 121 38-1	Iso W 6s	33	17 White 5-sided concrete tower	Vis 150°-352°(202°), 001°-024°(23°)
					13	
						*
4709-3	-- W Breakwater. Head	23 58-5 121 37-1	Fl W 3s	18	12 White round column	fl 0-5. Racon
					11	
						*
4795	--	30 41-1 130 57-5	Lit			
*	*	*	*	*	*	*
5732-2	- Breakwater. S Head	34 29-4 133 35-9	Iso R 6s	8	3	
*	*	*	*	*	*	*
5955-2	-- New E Breakwater. Head	34 29-4 135 22-2	Fl(3)G 13s	10	5 White tower	G light in Otsu Kawa 1M NE
					10	
					*	
6730-3	Esan Misaki. Northwestwards	41 51-9 141 07-3	Fl(2)G	...	3	
*	*	*	*	*	*	*

Volume F *continued.*

6894·5	Toimaki Ko	44 59·4 142 32·8	Fl R 3s	7	3		
*	*	*	*	*	*	*	*
7023·5	Nagaiso Ko	42 08·1 139 55·2	Fl G 3s	9	3		
*	*	*	*	*	*	*	*
7027	- Northwards	41 53·4 140 08·3	Fl R 3s	5	3		
			*	*	*		
7090·8	-	38 07·8 139 20·3	Mo(U)W 15s	18	10		
*	*	*	*	*	*	*	*
8153	Korobitsyn	62 49·8 179 34·3	Fl W 6s	55	8	Cylinder with red and white bands, on metal framework tower	<i>fl</i> 1·5. Shown 20/7-1/11
					12		
				*	*		*
8159	Barykova	63 05·8 179 26·8	Fl W 4s	103	9	Red 8-sided concrete tower	<i>fl</i> 1. Shown 20/7-1/11
					8		
				*	*		*
8169·5	- Zaliv Kresta. Mys Kangynin	65 54·6 178 53·1	Fl W 5s	9	9	Round metal tower, black and white bands	<i>fl</i> 1·5. Shown 1/8-1/1. Ra refl
					8		
				*	*		*
8169·7	-- Olovyanny	66 11·2 179 01·9	Fl W 4s	17	7	Red metal framework tower	<i>fl</i> 0·5. Shown 1/8-1/1
	*				16		
				*	*		*
8169·9	-- Mys Vkhodnoy	66 11·6 179 12·2	Fl W 3s	20	9	Red □, white stripe, on metal framework tower	<i>fl</i> 1. Vis 146°-020° (234°). Shown 1/8-1/1
	*				12		
				*	*		*
8170	-- Mys Opasnyy	66 15·9 179 09·9	Fl R 3s	23	4	Red metal framework tower	<i>fl</i> 0·5. Shown 1/8-1/1
					5		
				*	*		*
8170·5	-- Zgvekinot. Pier. Head	66 18·8 179 06·8	Fl R 6s	7	3	White metal framework tower, black band	<i>fl</i> 1. Shown 1/8-1/1
					5		
				*	*		*
8171	-- Mys Pilotov	66 15·1 179 06·7	Fl G 3s	9	2	Green metal framework tower	<i>fl</i> 0·5. Shown 1/8-1/1
					6		
				*	*		*
8171·5	-- Bukhta Zgvekinot. Ldg Lts 182·2°. Front	66 15·0 179 06·3	Q W	13	10	Black □, white stripe, on metal framework tower	Shown 1/8-1/1
					10		
				*	*		*

V

Volume F *continued.*

8171·51	---- Rear	66 14·8 179 06·3	Iso W 2s	24	9	Black cylinder, white stripe, on metal framework tower 20	
				*		*	
8171·7	--- Ldg Lts 030·9°. Front	66 18·3 179 03·0	Fl W 3s	20	10	Red □, white stripe, on metal framework tower 10	<i>fl</i> 0·5. Vis 029·4°-032·4°(3°). Shown 1/8-1/1
				*		*	*
8171·71	---- Rear. 420m from front	66 18·5 179 02·7	F W	41	10	Red □, white stripe, on metal framework tower 10	Vis 029·4°-032·4°(3°)
				*		*	*
8171·75	-- Cape Meechkyn	65 28·5 178 44·6	Fl W 6s	21	10	Red metal framework tower 18	<i>fl</i> 1. Shown 1/8-1/1
	*			*		*	*
9540·285	- BENCHAMAS GASFIELD. WA	10 31·0 101 17·0	Lit	...	...	Platform	Other installations, some marked by lights, exist in this field
*	*	*	*	*	*	*	*

Volume G, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.

Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

1015·05	-- Berth 5	38 47·2 62 18·0	Iso R 2s	...	...	Metal post 1	PA
*	*	*	*	*	*	*	*
1052	Punta Bajos	42 23·2 63 36·8	Fl W 3s	27	14	Black pyramid tower 28	
			*	*	*	*	
1116	- Pta Alta. Mosconi Jetty. Head	45 51·1 67 27·3	Fl Y 4s	...	2		
*	*	*	*	*	*	*	*
1124	<i>Remove from List</i>						
1448	Cabo Froward	53 53·7 71 18·6	Fl W 3s	21	7	White GRP tower, red band 4	<i>fl</i> 0·3. Vis 276°-126°(210°). 5 Fl W 60s in form of + nearby
						*	
1486	- Isla Shoal	52 32·9 73 38·2	Fl R 5s	8	7	Red GRP tower 4	<i>fl</i> 0·4. Vis 348°-209°(221°)
					*	*	
1495·5	- Islas Arriagada	52 01·7 73 34·5	Fl W 5s	7	8	White GRP tower, red band 4	<i>fl</i> 1. Vis 344°-151°(167°)
				*	*	*	*
1545	- Islotes Guía	49 10·0 74 21·8	Fl W 5s	6	7	White GRP tower, red bands 4	<i>fl</i> 0·4
			*	*	*	*	

V

Volume G *continued.*

1703-2	--- Chinquihue Marina	41 29-9 72 59-3	Fl(4)G 12s	1	4 Green GRP pillar 3	(fl 0-3, ec 1-7) x 3, fl 0-3, ec 5-7
			*	*	*	*
1703-3	- Marina del Sur	41 29-5 72 58-9	Fl W 5s	3	2 White GRP pillar, red band 3	fl 0-4
*	*	*	*	*	*	*
1703-31	- Kochifas	41 30-1 72 59-3	Fl W 10s	3	6 White GRP pillar, red band 3	fl 1
*	*	*	*	*	*	*
1703-32	- Skorprios	41 30-4 72 59-7	Fl W 5s	3	2 White GRP pillar, red band 3	fl 0-4
*	*	*	*	*	*	*
1703-33	- Punta Anselmo	41 30-8 72 59-8	Fl(2)G 6s	1	2 Green □, on green metal pillar 12	fl 0-5, ec 1, fl 0-5, ec 4
*	*	*	*	*	*	*
1703-34	- Punta Codina	41 30-9 72 59-7	Fl(2)R 6s	7	2 Red △, on red metal pillar 18	fl 0-5, ec 1, fl 0-5, ec 4
*	*	*	*	*	*	*
2181	Santa Rosa. Mole. Head	3 39-8 80 39-1	F R	...	3	
						*
2185	Caleta La Cruz. Calbezo de Muelle	3 38-0 80 35-3	Fl(2)R 4s	...	8 Grey metal structure 6	fl 0-5, ec 1-5, fl 0-5, ec 1-5. TE 2000
						*
3465	Morro de Papanoa	17 16-0 101 03-0	Fl(2)W 10s	130	14 Silver metal tower 12	fl 1, ec 2, fl 1, ec 6
						*
3537-67	Isla San Pedro Nolasco	27 57-7 111 22-1	Fl(3)W 12s	19	11 Silver metal tower 13	(fl 1, ec 2) x 2, fl 1, ec 5
						*
3918	<i>Remove from List</i>					
3922	<i>Remove from List</i>					
5469-6	-- Centre. N	49 17-7 123 01-5	F G	...	... East side of bridge	Vis from E approach. Private. Occas
	----	...	Q R			
			*			
5470	-- Centre	49 17-7 123 01-5	F R	...	... East side of bridge	Shown when bridge is open. Vis from E approach. Private. Occas
	---	...	Q G			
			*			

V

Volume G *continued.*

5470·2	-- Centre	49 17·7 123 01·5	F R	...	...	West side of bridge	Shown when bridge is open. Vis from W approach. Private. Occas
	---	...	Q G				
							*
5470·6	-- Centre. S	49 17·7 123 01·5	F G	...	...	West side of bridge	Vis from W approach. Private. Occas
	----	...	Q R				
							*

Volume H, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.
Last Amendment: Weekly Edition No. 1, dated 3rd January, 2002.

1591·4	<i>Remove from List</i>						
1591·41	<i>Remove from List</i>						
1611	<i>Remove from List</i>						
1752	<i>Remove from List</i>						
2360	La Pérade. Ldg Lts 272° 34'. Ile à la Batture. Front	46 34·0 72 10·4	F G	18	17	Orange □, black stripe, on white framework tower 12	Vis on leading line only. Emergency light
						*	*
2362	Pointes des Grondines. Ldg Lts 066°38'. Front	46 34·7 72 04·2	F G	15	13	Orange □, black stripe, on framework tower on white pile	Vis on leading line only
						*	*
2362·1	-- Rear. 1·35M from front	46 35·3 72 02·5	F G	39	13	Orange □, black stripe, on white framework tower 30	Vis on leading line only. Racon
						*	*
2364	- Upper Ldg Lts 047°20'.Front	46 35·1 72 05·9	F G	7	13	Orange □, black stripe, on white round tower 8	Vis on leading line only
						*	*
2364·1	-- Rear. 1·1M from front	46 35·9 72 04·7	F G	27	13	Orange □, black stripe, on white framework tower 14	Vis on leading line only
						*	*

Volume J, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.
Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

3566·5	-- No 39	30 17·7 88 31·4	Fl G 2·5s	5	3	Green □ on pile	Ra refl
							*
3567	-- No 40	30 17·8 88 31·3	Fl R 2·5s	5	3	Red △ on pile	Ra refl
							*
3567·2	-- No 41	30 18·2 88 31·9	Fl G 4s	5	3	Green □ on pile	Ra refl
							*

V

Volume J *continued.*

3567·3	-- No 42	30 18·3 88 31·8	Fl R 4s	5	3	Red △ on pile	Ra refl
							*
3567·4	-- No 43	30 18·7 88 32·4	Fl G 6s	5	4	Green □ on pile	Ra refl
							*
3568	-- No 44	30 18·8 88 33·3	Fl R 6s	5	4	Red △ on pile	Ra refl
							*
3568·2	-- No 45	30 19·3 88 32·9	Fl G 4s	5	3	Green □ on pile	Ra refl
							*
3568·3	-- No 46	30 19·3 88 32·8	Fl R 4s	5	3	Red △ on pile	Ra refl
							*
3568·4	-- No 47	30 19·8 88 33·4	Fl G 2·5s	5	3	Green □ on pile	Ra refl
							*
3569	-- No 48	30 19·9 88 33·3	Fl R 2·5s	5	3	Red △ on pile	Ra refl
							*
3569·4	-- No 49	30 20·3 88 33·9	Q G	5	4	Green □ on pile	Ra refl
							*
3570	-- No 50	30 20·4 88 33·8	Q R	5	4	Red △ on pile	Ra refl
							*
3570·2	- Pascagoula Channel. No 52	30 20·6 88 34·0	Q R	5	3	Red △ on pile	Ra refl
							*
4372·7	- Puerto de Abrigo. Entrance	18 38·9 91 50·9	Fl G 5s	6	4	...	TE 2001
							*
4456·7	- Cayo Lobos	18 24·0 87 24·0	Fl(3)W 12s	14	11	Truncated pyramidal tower 13	(fl 1, ec 2) x 2, fl 1, ec 5. Racon. TE 2001
							*

Volume K, 2002/03. NEW EDITION. Weekly Edition No. 5, Dated 31st January, 2002.

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

1262·8	Tg Ngamber	8 14·8 111 05·7	Fl W 5s	50	12	White beacon	fl 0·5
*	*	*	*	*	*	*	*

V

Volume K *continued.*

1263	- Ldg Lts 064°29'. Front	8 11·5 110 47·8	Iso W 3s	23	12 White △ on white beacon	
		*	*	*	*	*
1263·1	-- Rear. 35m from front	8 11·4 110 47·9	Iso W 2s	25	12 White ▽ on white beacon	
				*	*	
1263·45	-	8 11·6 110 47·7	Fl G 6s	5	4 Green beacon	
*	*	*	*	*	*	*
1263·7	-	8 11·5 110 47·8	Fl R 4s	14	12 Red beacon	<i>fl 0·5</i>
			*		*	
1263·8	-	8 11·5 110 47·8	Fl W 3s	23	12 ...	<i>fl 0·3</i>
			*	*	*	
1263·9	Tg Sadeng	8 11·5 110 47·5	Fl W 5s	10	12 White beacon	<i>fl 0·5</i>
*	*	*	*	*	*	*
1264·5	Wates	8 00·0 110 15·5	Fl W 4s	44	15 White tower	<i>fl 0·5</i>
*	*	*	*	*	*	*
1269	- SBM	7 49·3 109 05·3	Fl W 15s	...	2	
			*		*	
1270	- Teluk Penyu	7 44·1 109 01·2	Fl W 5s	18	12 White metal framework tower	<i>fl 1·5</i>
					15	
			*			*
1270·1	- Ldg Lts 279°. Front	7 45·0 109 01·3	Q W	17	8 White △ on white tower	
			*			
1270·11	-- Rear	7 45·0 109 01·1	Oc W 4s	23	8 White ▽ on white tower	<i>ec 1</i>
			*			
1272·1	-- Rear. 145m from front	7 45·9 109 01·4	Oc W 4s	21	8 White ▽ on white tower	<i>ec 1</i>
		*	*			*
1276·2	Klirong	7 46·8 109 37·9	Fl W 5s	42	15 White tower	<i>fl 0·5</i>
*	*	*	*	*	*	*
1277	Legok	7 48·4 108 28·3	Fl W 5s	42	15 White tower	<i>fl 0·5</i>
	*		*	*	*	*

V

Volume K *continued.*

1410-3	Gosong Mangkut	3 06.8 110 15.0	Fl(2)W 5s	15	12	Black $\oslash$ on black beacon, red band	<i>fl 0.5, ec 1.5, fl 0.5, ec 2.5</i>
*	*	*	*	*	*	*	*
1688	- LEGENDRE Oilfield. Ocean Legend	19 42.2 116 42.5	Lit	...	...	Platform	
	*	*					
1688-1	-- CALM	19 41.2 116 43.6	Mo(U)Y 15s	...	5	...	Ra refl
	---	...	Horn Mo(U)				
	*	*	*		*		*
1930-3	- South (co)	33 44.1 137 29.7	Fl(4)W 20s	11	10	White lantern on metal framework tower 11	<i>(fl 1, ec 2) x 3, fl 1, ec 10.</i> Racon (P) February 2002
							*
2409-2	---	37 49.1 144 55.9	Fl(2)G 5s	...	...	Green beacon	
						*	*
2409-4	<i>Remove from List</i>						
2409-45	---	37 49.2 144 55.9	VQ(9)W 10s	...	...	∇ on yellow beacon, black band	*
2707-5	<i>Remove from List</i>						
2707-51	-- Refuge Bay. Raft	33 36.1 151 15.0	Fl Y 5s				
*	*	*	*	*	*	*	*
2708	--	33 31.6 151 11.0	Fl R 3s	...	...	Red beacon	
		*	*			*	*
2708-1	--	33 31.5 151 10.9	Fl G 3s	...	...	Black beacon	
*	*	*	*	*	*	*	*
3036	- Lee Breakwater. Head. Forgan Smith Point	21 06.3 149 13.9	Iso G 2s	9	5	Concrete tower 5	
	*						*
3036-1	<i>Remove from List</i>						
3265	-- Ldg Lts 112°18'. Madge Reefs. Front	10 35.8 142 13.2	Dir Q Y	...	...	White $\triangle$ on beacon	
	-----	...	Fl G 2.5s	...	...	Same structure	
			*			*	*
3269	<i>Remove from List</i>						
3304-46	-- No 17	17 26.7 140 46.9	Fl G 2.5s	...	3	Green $\triangle$ on white beacon pipe	*

V

Volume K *continued.*

3304-49	-- No 20	17 26-9 140 47-3	Fl R 4s	...	3	Red □ on black metal pile with platform	
							*
3440	Shortland Reef	10 30-6 151 07-9	Fl(3)W 12s	11	10	White pile structure 11	(fl 0-5, ec 1-5) x 2, fl 0-5, ec 7-5
		*					
3670	- KELLY CHANNEL. No 1. Training Wall Beacon	42 14-3 145 14-1	Q W	3	3	3-pile beacon	
	*	*	*		*		*
3674	- Gordon River. Entrance	42 25-2 145 29-8	Fl R 2s	...	2	Red beacon	
	*				*	*	*
4215	<i>Remove from List</i>						
4716	- Vatu-i-ra Channel	17 16-0 178 33-0	Fl W 2s	12	11	Black lattice tower on concrete pillar	TE 2001
							*
4717	-- W	17 16-6 178 29-2	Fl W 5s	12	11	Black lattice tower on concrete pillar	TE 2001
							*
4835	-- Port de Wé. Ldg Lts 197°. Front	20 55-0 167 16-7	Fl W 4s	3	6	White post	
							*
4835-1	---- Rear. 16m from front	20 55-0 167 16-7	Fl W 4s	10	6	Black column 7	Syncronized with front
							*
5002	- Passe Teporioha. Ldg Lts 119°. Front	16 42-1 145 21-1	Fl R 4s	6	5	White metal column 7	fl 1
							*
5002-1	--- Rear. 200m from front	16 42-1 145 21-1	Fl R 4s	12	5	White metal column 12	fl 1
							*
5003	- Hitianau Village	16 42-0 145 21-2	Fl G 2-5s	2	3	Green △ on beacon 5	fl 0-5
							*

Volume L, 2001/02. Weekly Edition No. 5, Dated 31st January, 2002.

Last Amendment: Weekly Edition No. 4, dated 24th January, 2002.

0754	- GODØY. Gjelvika. W Mole. Head	62 28-0 6 01-3	Fl R 2s	4	1	Metal column	Shown 16/7-28/5
			*		*		
1748-8	<i>Remove from List</i>						
4632-5	-- Brunkolla Rock	65 49-3 20 19-0	Fl G 3s	5	...	Post 5	TE 2001
							*

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 5 dated 31 January 2002

VOLUME 1, 2001/02—PART 1

Published Wk 31/01

(Last Amendments: Weekly Edition No. 2 dated 10 January 2002)

Page 94, delete diagram and replace by diagram, **GREECE, COAST RADIO STATIONS**, on page 6.5

Page 95, **GREECE, Hellas**, delete station

5/02

Iraklion Kritis (Kriti) (SVH), delete station

5/02

Page 96, **Kerkyra (SVK)**, delete station

5/02

Limnos (SVL), delete station

5/02

Page 96–97, **Olympia (SVN) [1780]**, delete station and replace by:

Olympia (SVO) [1780]

37°36'N 21°29'E

CALL: Olympia Radio

TELEPHONE: +30 10 6001799

FAX: +30 10 6002599

TELEX: 217950 OLRD

E-MAIL: shipsva@otenet.gr

NOTE: All stations are remotely controlled from Olympia Radio Operations Centre in Agia Paraskevi, Athens

1. GMDSS

**Digital Selective Calling (DSC):
Distress and Safety**

MMSI 002371000

Sea Areas: A1: Ch 70

A2: 2187.5

A3/A4: 4, 6, 8, 12 & 16 MHz

For full details and location of antenna sites see ALRS Volume 5

2. RT (MF)

	Transmits	Receives	Hours of Watch
Iraklio (35°20'N 25°07'E)			
SVH	1615.5		
	1726.4		
	1741.4		
	2182		
	2799		
Kerkyra (39°37'N 19°55'E)			
SVK	1696		
	2182		
	2607		
	2830		
	3613		

Limnos (39°52'N 25°04'E)

SVL 2182

2730

3793

Olympia (37°36'N 21°29'E)

SVO 1695

1767

Rodos (36°27'N 28°15'E)

SVR 1824

2182

2624

3630

3. RT (HF)

SVO21	4393	(413)	4101
SVO22	4399	(415)	4107
SVO23	4426	(424)	4134
SVO24	4429	(425)	4137
SVO31	6501	(601)	6200
SVO32	6507	(603)	6206
SVO41	8716	(837)	
SVO42	8722	(802)	8198
SVO43	8734	(806)	8210
SVO44	8740	(808)	8216
SVO45	8743	(809)	8219
SVO46	8758	(814)	8234
SVO47	8773	(819)	8249
SVO48	8776	(820)	8252
SVO51	13080	(1202)	12233
SVO52	13095	(1207)	12248
SVO53	13110	(1212)	12263
SVO54	13134	(1220)	12287
SVO55	13170	(1232)	12323
SVO56	13194	(1240)	12347
SVO61	17251	(1604)	16369
SVO62	17266	(1609)	16384
SVO63	17290	(1617)	16408
SVO64	17305	(1622)	16423
SVO65	17314	(1625)	16432
SVO66	17317	(1626)	16435
SVO67	17326	(1629)	16444
SVO68	17341	(1634)	16459
SVO69	17359	(1640)	16477
SVO611	17389	(1650)	16507
SVO612	17404	(1655)	16522
SVO613	19779	(1809)	18804
SVO71	22720	(2209)	22024
SVO72	22723	(2210)	22027
SVO73	22744	(2217)	22048
SVO74	22750	(2219)	22054
SVO75	22765	(2224)	22069
SVO76	22786	(2231)	22090
SVO77	22792	(2233)	22096
SVO78	22807	(2238)	22111
SVO81	26163	(2507)	25088
SVO82	26166	(2508)	25091

TRAFFIC LISTS: 8776 13134 17341 22720 kHz: every even H+05

PRESS BULLETINS: 8776 13134 17341 22720 kHz: 1145 1945

Continued on next column

Continued on next page

VI

4. VHF

CALL: Olympia Radio 2

NOTE: Remotely controlled from Athens. The following services are available both manually and using "Autolink"

Andros	Ch 16 24	37°56'N 24°46'E
Astypalea	Ch 16 23	36°36'N 26°26'E
Broychas	Ch 16 28	35°19'N 25°45'E
Chios	Ch 16 85	38°22'N 26°03'E
Festos	Ch 16 26 27	34°59'N 25°12'E
Gerania	Ch 02 16 64	38°01'N 23°08'E
Karpathos	Ch 03 16	35°28'N 27°10'E
Kefallinia	Ch 16 26 27 28	38°08'N 20°39'E
Kerkyra	Ch 02 03 16 64	39°45'N 19°52'E
Knossos	Ch 16 83 84	35°17'N 24°56'E
Kythira	Ch 16 85 86	36°16'N 23°03'E
Lichada	Ch 01 16	38°52'N 22°53'E
Limnos	Ch 16 82 83	39°54'N 25°04'E
Milos	Ch 16 85	36°40'N 24°23'E
Moystakos	Ch 04 16	35°18'N 23°36'E
Mytilini	Ch 01 02 16	39°04'N 26°21'E
Parnitha	Ch 16 25 26 84	38°10'N 23°43'E
Patmos	Ch 16 24	37°18'N 26°32'E
Patra	Ch 16 85	38°14'N 21°46'E
Perama	Ch 24 86	37°58'N 23°34'E
Petalidi	Ch 16 23 83 84	36°55'N 21°51'E
Pilio	Ch 03 16 60	39°24'N 23°03'E
Poros	Ch 16 26 27 28	37°28'N 23°26'E
Pyrgos	Ch 16 86	37°45'N 21°26'E
Rodos	Ch 01 16 63	36°16'N 27°56'E
Sfendami	Ch 16 23 24	40°25'N 22°31'E
Sitia	Ch 16 85 86	35°04'N 26°11'E
Skyros	Ch 16 86	38°53'N 24°33'E
Syros	Ch 03 04 16	37°27'N 24°55'E
Thasos	Ch 16 25 85	40°44'N 24°40'E
Thira	Ch 16 61 62	36°22'N 25°28'E
Tsoukalas	Ch 16 26 27	40°22'N 23°28'E

HOURS OF WATCH: Ch 16: H24

TRAFFIC LISTS: On request

5. Telex [1780] Paired:

NOTE: Olympia Radio provides a continuous narrow band direct printing service. Contact can be established by direct call (Sellcall 1780), by prior arrangement in RT or automatically. Vessels can be connected with telex subscribers automatically. If a prompt connection between the vessel and telex subscriber is not possible, the station accepts a transmission from the originator for storage and re-transmission to its destination at a later time

SVO25	4213	(406)	4175	H24
SVO26	4214-5	(409)	4176-5	H24
SV02	4216	(413)	4178-5	H24
SVO33	6320-5	(614)	6269-5	H24
SVO34	6321-5	(616)	6270-5	H24
SVO3	6325-5	(624)	6274-5	H24
SVO49	8421-5	(811)	8381-5	H24
SVO491	8423	(814)	8383	H24
SVO4	8424	(816)	8384	H24
SVO57	12587	(1217)	12485	H24
SVO58	12590-5	(1223)	12488	H24
SVO5	12603-5	(1249)	12501	H24
SVO614	16815	(1617)	16691-5	H24
SVO615	16818	(1623)	16694-5	H24
SVO6	16830-5	(1649)	16707-5	H24
SVO79	22384-5	(2217)	22292-5	H24
SVO7	22387-5	(2223)	22295-5	H24
SVO791	22400-5	(2249)	22308-5	H24

TRAFFIC LISTS: 4216 6321-5 8424 12603-5 16830-5 22387-5 kHz: every even H+05

PRESS BULLETINS: 8424 12603-5 16830-5 22387-5 kHz: 0600 1300 2100

These broadcasts from the Greek Ministry of Merchant Marine (YEN) are in Greek

Continued on next column

Procedure

Ship makes contact

SVO sends	"Olympia Radio Automatic Service PSE Sellcall"
Ship sends	ship's sellcall number
SVO sends	"QRC PSE?"
Ship sends	QRC (accounting authority identification code)
SVO sends	Ship's call sign and information about its traffic "QRU or MSG QTC" "GA+?"

Commands

"BIBI+?"	to clear a radio connection
"DIRTLX n+?"	to request direct telex connection
"DIRTAX+?"	to obtain current charges
"EMAIL n+?"	to send an electronic mail message (ask operator for details)
"FAX n+?"	to send a fax message
"FREQ N+?"	ship's watchkeeping information
"HELP+?"	list of available commands
"KKKK"	end of facility
"MSG+?"	to collect your traffic
"OPR+?"	to request operator assistance (manual)
"PRESS+?"	request for press bulletin
"RDL+?"	to repeat the last DIRTLX
"STS n+?"	to send ship to ship message
"TGM+?"	to send a radiotelegram
"TTT+?"	to request nav warnings
"VAVA+?"	to clear a radio connection
"WX+?"	request for weather bulletin
"XXX+?"	request for urgency message
++++	end of all connections

Ships' Weather Reports

Station accepts Ships' Weather Reports addressed OBS METEO ATHENS

5/02

Page 98, **Rodos (SVR)**, delete station

Ministry of Mercantile Marine, Safety of Navigation Division, Telecom & Electronics Dpt. Hellenic Republic (HH080/010/09 – E21) 5/02

VOLUME 1, 2001/02—PART 2

Published Wk 31/01

(Last Amendments: Weekly Edition No. 2 dated 10 January 2002)

Page 118, **ICELAND Hornafjörður (TFT)**, delete station and replace by:

Hornafjörður (TFT)

64°15'N 15°13'W

TELEPHONE: +354 551 1030

FAX: +354 562 9043

E-MAIL: reyrad@iceradio.is

NOTE: Remotely controlled from Reykjavík (TFA) and/or Vestmannaeyjar (TFV)

1. GMDSS

Digital Selective Calling (DSC):

MMSI 002510100

Distress and Safety

Sea Areas: A2: 2187-5

For full details and location of antenna sites see ALRS Volume 5

Continued on next page

VI

2. RT (MF)

Transmits	Receives	Hours of Watch
1659	2084	
2182	2182	H24
2311 ¹	2311 ¹	H24

(1) Dedicated frequency for Icelandic compulsory ship reporting system (see page 240)

3. VHF

Antenna sites located at:

Háðxl	Ch 16 25	63°54'N 16°38'W
Hvalnes	Ch 16	64°24'N 14°33'W

HOURS OF WATCH: Ch 16: H24

Ships' Weather Reports

Station accepts Ships' Weather Reports addressed MET REYKJAVIK

5/02

Page 119, **Ísafjörður (TFZ)**, delete station and replace by:

Ísafjörður (TFZ)

66°05'N 23°02'W

TELEPHONE: +354 481 1021

FAX: +354 481 1010

E-MAIL: vestmradi@iceradio.is

NOTE: Remotely controlled from Reykjavík (TFA) and/or Vestmannaeyjar (TFV)

1. GMDSS

Digital Selective Calling (DSC):

MMSI 002510100

Distress and Safety

Sea Areas: A2: 2187-5

For full details and location of antenna sites see ALRS Volume 5

2. RT (MF)

Transmits	Receives	Hours of Watch
2182	2182	H24
2311 ¹	2311 ¹	H24
2724	2023	

(1) Dedicated frequency for Icelandic compulsory ship reporting system (see page 240)

3. VHF

CALL: Ísafjörður Radio

Antenna sites are located at:

Bolafjall	Ch 16 23	66°10'N 23°19'W
Tverfjall	Ch 16	66°03'N 23°11'W
Tjaldanes	Ch 16	65°45'N 23°33'W

HOURS OF WATCH: Ch 16: H24

Ships' Weather Reports

Station accepts Ships' Weather Reports addressed MET REYKJAVIK

5/02

Page 119, **Neskaupstaður (TFM)**, delete station and replace by:

Neskaupstaður (TFM)

65°09'N 13°42'W

TELEPHONE: +354 551 1030

FAX: +354 562 9043

E-MAIL: reyradi@iceradio.is

NOTE: Remotely controlled from Reykjavík (TFA) and/or Vestmannaeyjar (TFV)

1. GMDSS

Digital Selective Calling (DSC):

MMSI 002510100

Distress and Safety

Sea Areas: A2: 2187-5

For full details and location of antenna sites see ALRS Volume 5

Continued on next column

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189-5	H24

2. RT (MF)

1761	2105	
2182	2182	H24
2311 ¹	2311 ¹	H24
2700	2002	

(1) Dedicated frequency for Icelandic compulsory ship reporting system (see page 240)

3. VHF

CALL: Nes Radio

Antenna sites are located at:

Dalatangi	Ch 16	65°16'N 13°05'W
Gagnheiði	Ch 16	65°13'N 14°16'W
Grænaniþa	Ch 16 27	64°52'N 13°47'W
Hellisheiði	Ch 16 23	65°42'N 14°30'W

HOURS OF WATCH: Ch 16: H24

Ships' Weather Reports

Station accepts Ships' Weather Reports addressed MET REYKJAVIK

5/02

Pages 120–121, **Reykjavík (TFA)**, delete station and replace by:

Reykjavík (TFA)

TELEPHONE: Operator: +354 551 1030

Office: +354 553 3032

FAX: Operator: +354 562 9043

Office: +354 567 5230

E-MAIL: reyradi@iceradio.is

1. GMDSS

Digital Selective Calling (DSC):

MMSI 002510100

Distress and Safety

Sea Areas: A2: 2187-5

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189-5	H24

2. RT (MF)

1650 ¹	2075	
1770 ¹	2114	
1876 ²	2506	
1890 ³	2586	
2182 ¹	2182	H24
2311 ⁴	2311	H24

(1) Located at 64°05'N 21°51'W

(2) Located at 64°09'N 22°02'W

(3) Located at 63°50'N 21°51'W

(4) Dedicated frequency for Icelandic compulsory ship reporting system and calling (see page 240)

TRAFFIC LISTS: 1876 kHz: every even H+05

3. RT (HF)

4372	(406)	4080	
4396	(414)	4104	
4402	(416)	4110	
4411	(419)	4119	
6501	(601)	6200	
6507	(603)	6206	
8731	(805)	8207	
8737	(807)	8213	

HX

Continued on next page

VI

8743	(809)	8219
8809	(831)	8285
13092	(1206)	12245
13098	(1208)	12251
13119	(1215)	12272
13134	(1220)	12287
17257	(1606)	16375
17284	(1615)	16402
17314	(1625)	16432
17329	(1630)	16447

H24

Page 122, **Vestmannaeyjar (TFV)**, delete station and replace by:

Vestmannaeyjar (TFV)

63°24'N 20°17'W

H24

TELEPHONE: +354 481 1021

FAX: +354 481 1010

E-MAIL: vestmrad@iceradio.is

NOTE: This station is parallel connected to Reykjavík (TFA)

TRAFFIC LISTS: 13119 kHz: every even H+05

4. VHF

CALL: Reykjavík Radio

Antenna sites are located at:

Fróðáheiði	Ch 09 ¹ 16	64°50'N 23°28'W
Hænuvík	Ch 09 ¹ 16 26	65°37'N 24°16'W
Sandur	Ch 16 27	64°53'N 23°14'W
Stykkishólmur	Ch 09 ¹ 16	65°04'N 22°42'W
Thorbjörn	Ch 09 ¹ 16 26	63°51'N 22°26'W

(1) Dedicated frequency for Icelandic compulsory ship reporting system (see page 240)

HOURS OF WATCH: Ch 16: H24

Ships' Weather Reports

Station accepts Ships' Weather Reports addressed MET REYKJAVIK

5/02

Page 121, **Siglufjörður (TFX)**, delete station and replace by:

Siglufjörður (TFX)

66°11'N 18°57'W

TELEPHONE: +354 481 1021

FAX: +354 481 1010

E-MAIL: vestmrad@iceradio.is

NOTE: Remotely controlled from Reykjavík (TFA) and/or Vestmannaeyjar (TFV)

1. GMDSS

Digital Selective Calling (DSC):

MMSI 002510100

Distress and Safety

Sea Areas: A2: 2187.5

For full details and location of antenna sites see ALRS Volume 5

Public Correspondence

Transmits	Receives	Hours of Watch
2177	2189.5	H24

2. RT (MF)

1883	2484	
2182	2182	H24
2311 ¹	2311 ¹	H24

(1) Dedicated frequency for Icelandic compulsory ship reporting system (see page 240)

3. VHF

CALL: Siglufjörður Radio

Antenna sites are located at:

Grímsey	Ch 16 27	66°31'N 17°59'W
Skagi	Ch 16 26	66°04'N 20°24'W
Viðarfjall	Ch 16 24	66°15'N 15°47'W

Ships' Weather Reports

Station accepts Ships' Weather Reports addressed MET REYKJAVIK

5/02

1. GMDSS

Digital Selective Calling (DSC):

MMSI 002510100

Distress and Safety

Sea Areas: A2: 2187.5

For full details and location of antenna sites see ALRS Volume 5

2. RT (MF)

Transmits	Receives	Hours of Watch
1713	2525	
2182	2182	H24
2311 ¹	2311 ¹	H24
2628	2138	

(1) Dedicated frequency for Icelandic compulsory ship reporting system (see page 240)

3. VHF

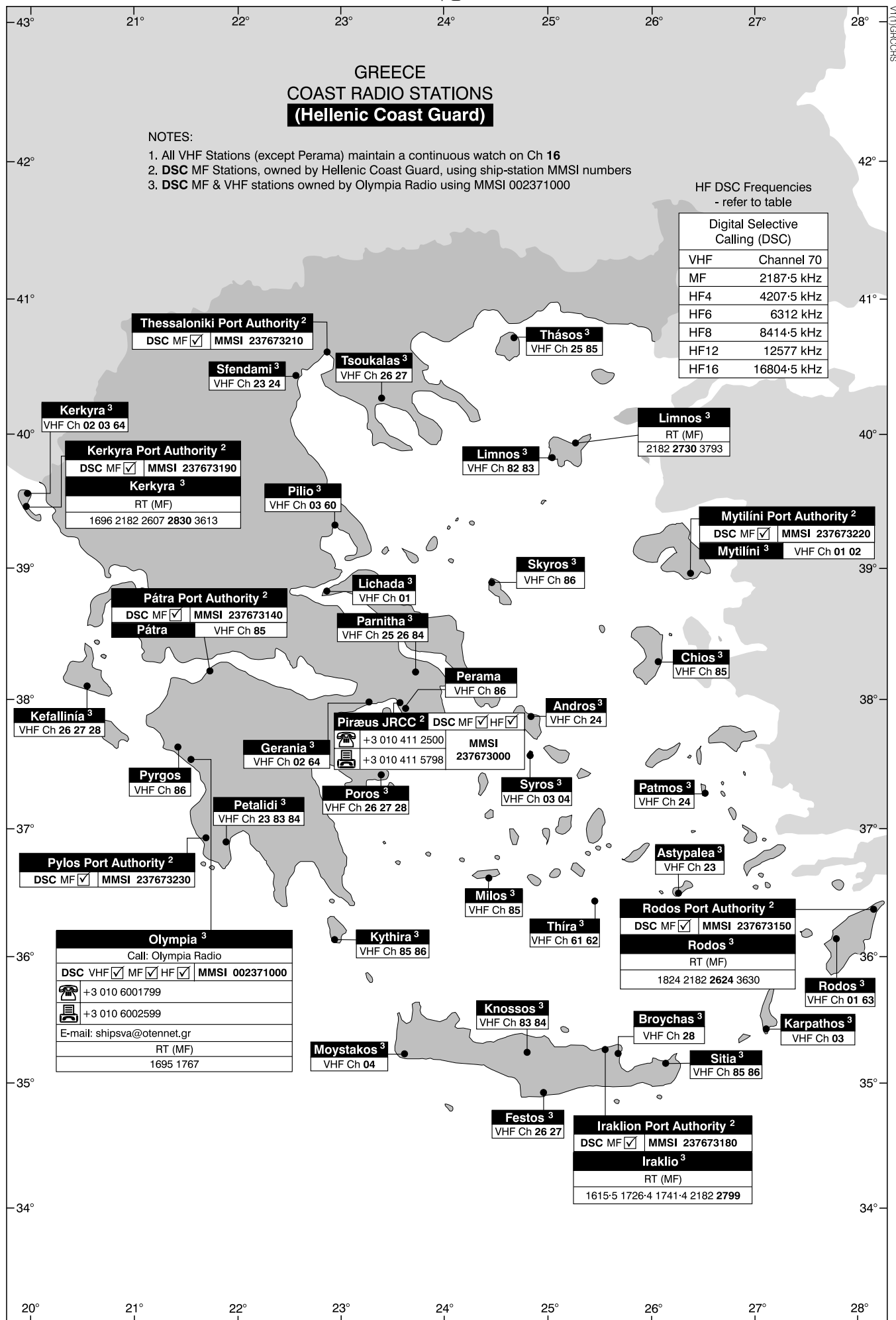
Antenna sites are located at:

Háfell	Ch 16 26	63°27'N 18°52'W
Klif	Ch 16 27	63°24'N 20°19'W

Ships' Weather Reports

Station accepts Ships' Weather Reports addressed MET REYKJAVIK

Larus Johannsson, Iceland Telecomm (Síminn) & Willy Ker (HH080/003/12 – E8) 5/02



VI

VOLUME 2, 2001

Published Wk 8/01

(Last Amendments: Weekly Edition No. 3 dated 17 January 2002)

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

RADAR BEACONS

60400 Repskär Front Light

Delete station

Finnish Notice 35-36/871/01 (HH321/530/02 – E24) 5/02

80770 Ch'i-lai Pi, Hua-lien

Delete position and replace by: 23°58'·51N 121°37'·12E

Taiwanese Notice 68/2001 (HH549/420/02 E61) 5/02

Insert station:

Gajinseo Lt Racon 36°06'·25N 126°00'·01E **82485**
(3 & 10 cm) 360° 10 n miles **T**

Korean Notice 52/669/01 (HH557/410/04 – E61) 5/02

Insert station:

Brazos Santiago Pass Lt Buoy BS Racon 26°03'·94N 97°06'·59W **95640**
B

US Chart 11301 (HH615/400/03 – E32) 5/02

RADIO TIME SIGNALS

Page 205, **TABLE 2**, add:

0h 14 Feb 2002 –0.2s 5/02

International Earth Rotation Service (IERS) (HH080/040/03 – E70) 5/02

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VOLUME 3, 2001/02—PART 1

Published Wk 24/01

(Last Amendments: Weekly Edition No. 4 dated 24 January 2002)

RADIO-FACSIMILE

Page 6, **Ankara (YMA20) [Facsimile]**

Delete station

Turkish Telecommunication Organisation (HH080/010/09 – E22) 5/02

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 128, **GREECE, Hellas, Iráklion Kritis (Kríti) (SVH), Kerkyra (SVK), Limnos (SVL), Olympia (SVN), Rodos (SVR)**

Delete stations and replace by:

Olympia				
A	2624	RT (MF)	Rodos	36°27'N 28°15'E
B	2730	RT (MF)	Límnos	39°52'N 25°04'E
C	2799	RT (MF)	Iráklio (Kríti)	35°20'N 25°07'E
D	2830	RT (MF)	Kerkyra	39°45'N 19°52'E
E	8424 (816) (SVO4)	RADIO-TELEX	Olympia	37°36'N 21°29'E
F	Ch 16	VHF	Andros	37°56'N 24°46'E
F	Ch 16	VHF	Astypalea	36°36'N 26°26'E
F	Ch 16	VHF	Broychas	35°19'N 25°45'E
F	Ch 16 85	VHF	Chios	38°22'N 26°03'E
F	Ch 16	VHF	Festos	34°59'N 25°12'E
F	Ch 16	VHF	Gerania	38°01'N 23°08'E
F	Ch 16	VHF	Karpathos	35°28'N 27°10'E
F	Ch 16 27	VHF	Kefallinia	38°08'N 20°39'E
F	Ch 16 02	VHF	Kerkyra	39°45'N 19°52'E
F	Ch 16 83	VHF	Knossos	35°17'N 24°56'E
F	Ch 16 85	VHF	Kythira	36°16'N 23°03'E
F	Ch 16	VHF	Lichada	38°52'N 22°53'E
F	Ch 16 82	VHF	Límnos	39°54'N 25°04'E
F	Ch 16	VHF	Milos	36°40'N 24°23'E
F	Ch 16 04	VHF	Moystakos	35°18'N 23°36'E
F	Ch 16 01	VHF	Mytilini	39°04'N 26°21'E
F	Ch 16 25	VHF	Parnitha	38°10'N 23°43'E
F	Ch 16	VHF	Patmos	37°18'N 26°32'E
F	Ch 16	VHF	Patra	38°14'N 21°46'E
F	Ch 16	VHF	Perama	37°58'N 23°34'E
F	Ch 16 83	VHF	Petalidi	36°55'N 21°51'E
F	Ch 16 60	VHF	Pilio	39°24'N 23°03'E
F	Ch 16	VHF	Poros	37°28'N 23°26'E

Continued on next page

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F	Ch 16	VHF	Pyrgos	37°45'N 21°26'E
F	Ch 16 63	VHF	Rodos	36°16'N 27°56'E
F	Ch 16 23	VHF	Sfendami	40°25'N 22°31'E
F	Ch 16 85	VHF	Sitia	35°04'N 26°11'E
F	Ch 16	VHF	Skyros	38°53'N 24°33'E
F	Ch 16 04	VHF	Syros	37°27'N 24°55'E
F	Ch 16	VHF	Thásos	40°44'N 24°40'E
F	Ch 16	VHF	Thira	36°22'N 25°28'E
F	Ch 16	VHF	Tsoukalas	40°22'N 23°28'E

DIAGRAMS: pages 131 and 132

Weather Bulletins		Navigational Warnings	
A: On receipt	Storm Warnings: Gale warnings, in English and Greek, for Areas 8, 9, 12–14, South West Kritiko and South East Kritiko.	A: 0703 1133 1733 2333	In English and Greek, for the South Aegean Sea 34°N–38°N, 22°30'E–30°E
A: 0633 0903 1533 2133	Gale warnings, synopsis, 24 hour forecast and outlook for a further 12 hours in English and Greek, for Areas 8, 9, 12–14, South West Kritiko and South East Kritiko.		
B: On receipt	Storm Warnings: Gale warnings, in English and Greek, for Areas 1–3, 6–11, 18, 19, Marmara, West / East Black Sea.	B: 0033 0703 1033 1633 C: 0703 1133 1733 2333	In English and Greek, for the Aegean Sea 34°N–41°N, 22°30'E–30°E
B: 0633 0903 1533 2133	Gale warnings, synopsis, 24 hour forecast and outlook for a further 12 hours in English and Greek, for Areas 1–3, 6–11, 18, 19, Marmara, West / East Black Sea.		
C: On receipt	Storm Warnings: Gale warnings, in Greek and English, for Areas 1, 2, 6–10, 12–19, SW Kritiko, SE Kritiko, Taurus, Delta and Crusade.		
C: 0633 0903 1533 2133	Gale warnings, synopsis, 24 hour forecast and outlook for a further 12 hours in English and Greek, for Areas 1, 2, 6–10, 12–19, SW Kritiko, SE Kritiko, Taurus, Delta and Crusade.		
D: On receipt	Storm Warnings: Gale warnings, in English and Greek, for Areas 4, 5, 17, North / Central / South Adriatic Sea, Melita, Gabes, Sidra, North / South Ionian Sea.	D: 0033 0703 1033 1633	Local warnings in English and Greek, for the Ionian Sea east to 22°30'E including Patraikos Gulf and Korinthiakos Gulf
D: 0633 0903 1533 2133	Gale warnings, synopsis, 24 hour forecast and outlook for a further 12 hours in English and Greek, for Areas 4, 5, 17, North / Central / South Adriatic Sea, Melita, Gabes, Sidra, North / South Ionian Sea.		
E: 0930 1230	Gale warnings, synopsis 24 hour forecast and outlook for a further 12 hours for all areas. In English and Greek.		
F: On receipt	Storm Warnings: Gale warnings in Greek and English for Areas 1–19, North Ionian Sea, South Ionian Sea, South West–South Kritiko and South East–South Kritiko	F: On receipt On request 0500 1100 1730 2330	In Greek and English
F: On request 0600 1000 1600 2200	Gale warnings, synopsis, 24 hour forecast and outlook for a further 12 hours in Greek and English for Areas 1–19, North Ionian Sea, South Ionian Sea, South West–South Kritiko and South East–South Kritiko		

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Page 132, delete diagram and replace by diagram **Greece – Coast Radio Stations MSI BROADCASTS** on page 6.12

Hellenic Republic Ministry of Mercantile Marine (HH080/010/09 – E21) 5/02

Page 264, **TURKEY, İstanbul (TAH)**

Delete **Weather Bulletins** and **Navigational Warnings** sections and replace by:

Weather Bulletins		Navigational Warnings	
E: 0700 1900	Forecast for local Turkish coastal areas. In English and Turkish	B: 0033 0433 0833 1233 1633 2033 A: 0233 0633 1033 1433 1833 2233	In English and Turkish
E: 0730 0930 1130 1330 1530 1730	Sea observations. In Turkish.		
D: 0800 2000 C: 1000 1800	Gale warnings, synopsis and forecast for Mediterranean areas 12–27. In English and Turkish.		
E: 0900 1930	3 day outlook. In Turkish.		

Turkish Telecommunication Organisation (HH080/010/09 – E22) 5/02

Page 294, **UNITED KINGDOM, NAVTEX [G] [S] [K] [O] [U] [I] [A] [C]**

Weather Bulletins section, rows 5 and 6, **S:** 0700 1900 and **S:** 2300, delete sea area Finisterre and replace by: FitzRoy

(former amendment 4/02)

UK Met Office (HH080/001/22 – E9) 5/02

VOLUME 3, 2001/02—PART 2

Published Wk 24/01

(Last Amendments: Weekly Edition No. 51 dated 27 December 2001)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 72, delete diagram and replace by diagram **CANADA NORTHERN FORECAST AREAS** on page 6.13

Canadian Radio Aids to Marine Navigation 2001 and Willy Ker (HH080/003/12 – E7) 5/02

Page 102, **GREENLAND (Denmark), Aasiaat (OYR)**

Frequency table, line 17, delete Dye One and replace by: Qaqatoq

5/02

Page 105, **Qaqortaq (OXF)**

Frequency table, line 7, Qaqortoq, Ch column, insert: 02

5/02

Continued on next page

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Delete **Navigational Warnings** section and replace by:

Navigational Warnings	
B: On receipt 0035 0335 0635 0935 1235 1535 1835 2135, after Traffic Lists for the following 48 hours	In English and Danish, for Areas 3 and 4
A, B: On request	Ice Reports: In English or Danish

5/02

Page 107, diagram **GREENLAND NAVIGATIONAL WARNING AREAS**

In position 66°55'N 53°-40'W, Sisimiut, delete 2265 kHz and replace by: 3125 kHz

In position 70°47'N 52°-07'W, insert: Unmannaaq 3280 kHz

In position 72°47'N 56°-10'W, insert: Upernavik 3276 kHz

5/02

Page 108, diagram **Greenland – Coast Radio Stations MSI BROADCASTS**

Table **VHF/MF RADIOTELEPHONE BROADCASTS**, row 3, Nav Warnings MF, Qaqortoq, delete 0135 to 2235 and replace by:

0035 0335 0635 0935 1235 1535 1835 2135

In position 66°55'N 52°-51'W, delete Dye One Ch 87 and replace by: Qaqatoqaq Ch 26

In position 66°36'N 37°-38'W AMMASSALIK, delete 3250 kHz

5/02

Page 117, **ICELAND, Ísafjörður (TFZ)**

Delete frequency table and replace by:

A	2724	RT (MF)		
B	Ch 23	VHF	Bolafjall	66°10'N 23°19'W
DIAGRAM: page 120				

5/02

Page 118, **Hornafjörður (TFT)**

Delete frequency table and replace by:

A	1659	RT (MF)		
B	Ch 25	VHF	Háoexl	63°55'N 16°37'W
DIAGRAM: page 120				

5/02

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Page 118, **Neskaupstaður (TFM)**

Delete frequency table and replace by:

A	1761	RT (MF)		
B	Ch 23	VHF	Hellisheidi	65°42'N 14°30'W
	Ch 27		Graennüpa	64°52'N 13°47'W
DIAGRAM: page 120				

5/02

Page 118, **Reykjavík (TFA)**

Delete frequency table and replace by:

A	1876	RT (MF)		
B	2182			
C	Ch 26	VHF	Thorbjön	63°51'N 22°26'W
	Ch 27		Sandur	64°53'N 23°14'W
	Ch 26		Haenuvik	65°37'N 24°16'W
DIAGRAMS: pages 106, 108 and 120				

5/02

Page 119, **Siglufjörður (TFX)**

Delete frequency table and replace by:

A	1755	RT (MF)		
	1883			
B	Ch 26	VHF	Skagi	66°04'N 20°24'W
	Ch 27		Grímsey	66°31'N 17°59'W
	Ch 24		Vidarfjall	66°15'N 15°47'W
DIAGRAM: page 120				

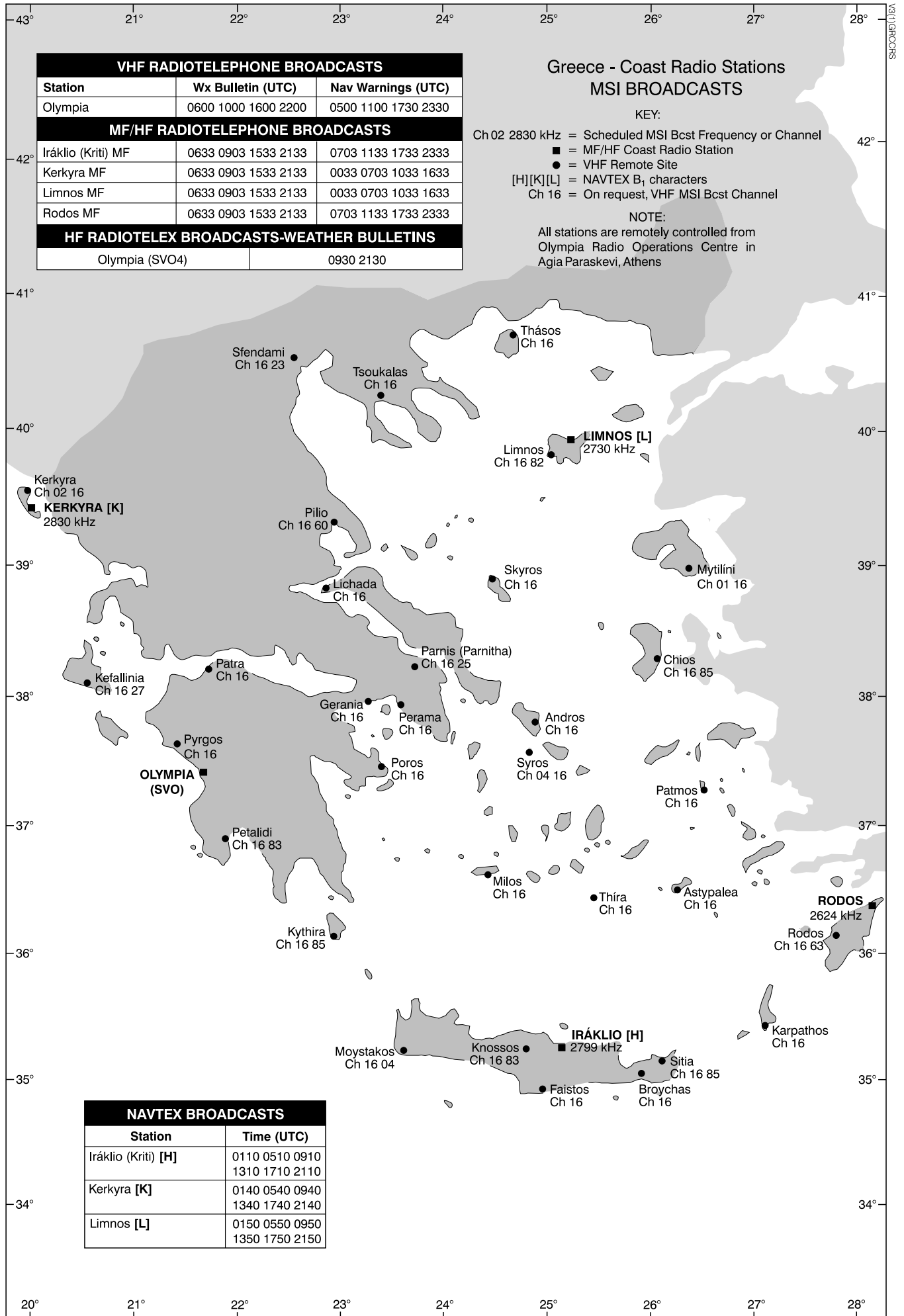
5/02

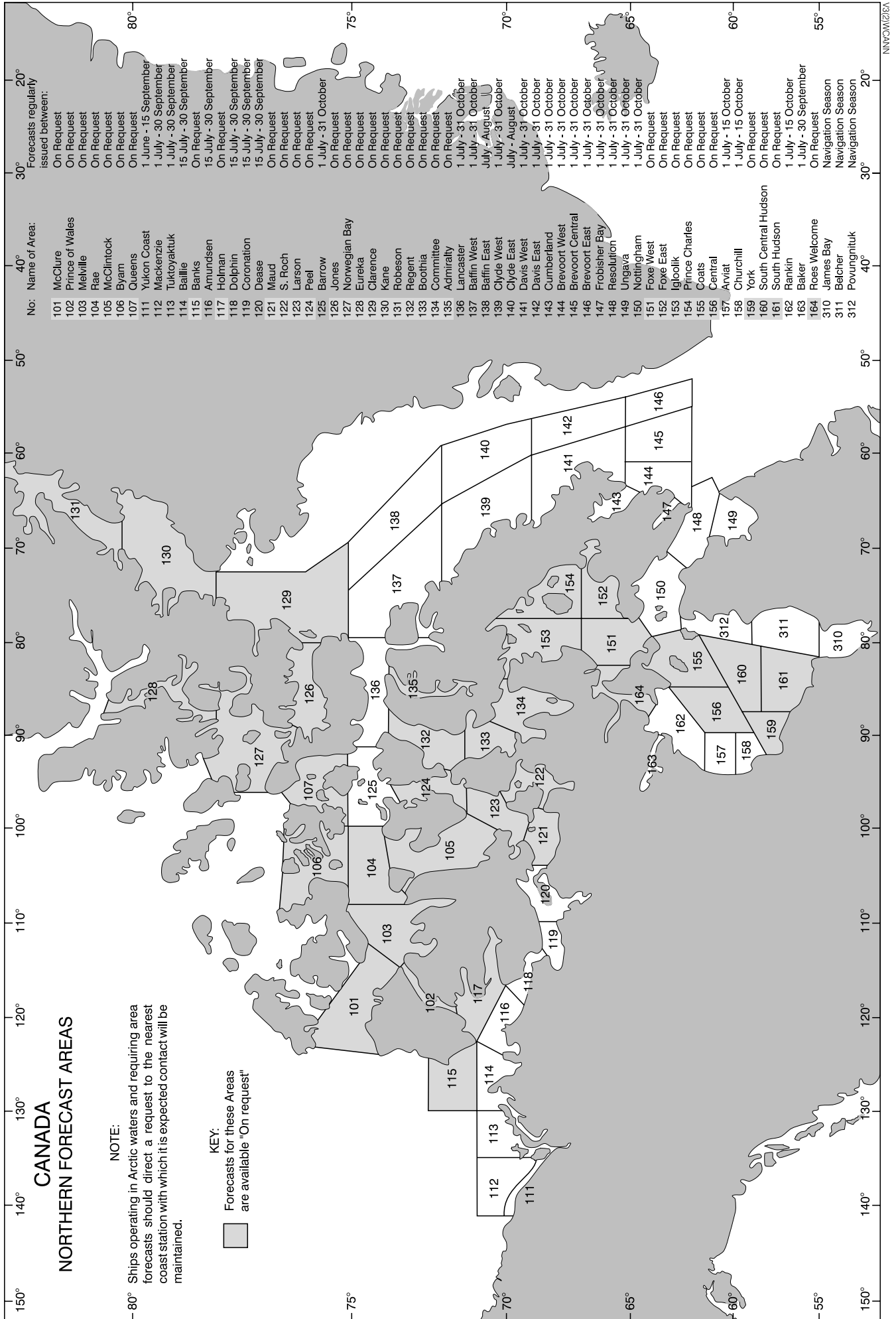
Page 119, **Vestmannaeyjar (TFV)**

Delete frequency table and replace by:

A	1713	RT (MF)		
B	Ch 26	VHF	Háfell	63°27'N 18°52'W
	Ch 27		Klif	63°24'N 20°19'W
DIAGRAM: page 120				

Willy Ker (HH080/003/12 – E7) 5/02





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VOLUME 5, 2001/02

Published Wk 31/01

(Last Amendments: Weekly Edition No. 4 dated 24 January 2002)

Page 292, **Chapter 17: DISTRESS SEARCH AND RESCUE, EGYPT**, *contacts table*, **RCC, CAIRO Others** column insert:

Inmarsat—C: 462299910 RCC E (IOR or AOR—E) Inmarsat—Mini M: Tel: 762007997 Fax: 762007999

RCC Cairo (HH080/083/05 – E8) 5/02

VOLUME 6, 2001/02—PART 1

Published Wk 41/01

(Last Amendments: Weekly Edition No. 4 dated 24 January 2002)

Pages 184 and 185, **UNITED KINGDOM, MOUNT'S BAY AND S. IVES PILOTS**

Delete entry

5/02

Page 186, **UNITED KINGDOM, NEWLYN**

Delete **Pilots** section

Port, after HOURS section insert:

INFORMATION: Newlyn Harbour Office can provide information on vessel movements and general navigational matters in or near the ports of Newlyn and Penzance.

5/02

Page 201, **UNITED KINGDOM, SAINT IVES**

Delete **Pilots** section

Harbour Master, Penzance and Harbour Master, Newlyn (HH080/001/22 – E21) 5/02

VOLUME 6, 2001/02—PART 2

Published Wk 41/01

(Last Amendments: Weekly Edition No. 4 dated 24 January 2002)

Page 43, **FINLAND, HELSINKI**

Pilots, PROCEDURE, section (7) (a), delete SW and replace by: SW and SE

Page 44, diagram of **HELSINKI**, insert pilot boarding symbol 1-3 n miles North of Porkkala Light

Finnish Chart 19 5/02

Page 154, **LITHUANIA**, insert new entry:

BŪTINGE MARINE TERMINAL

56°03'N 20°58'E

Pilots and Terminal

TELEPHONE: +370 6 396420 (Office hours only)
Control Room: +370 6 396459 (H24)

FAX: +370 6 396429 (Office hours only)
Control Room: +370 6 396486 (H24)

E-MAIL: marine@nafta.lt

FREQUENCY: Ch 16; 71

PROCEDURE:

- (1) Pilotage is compulsory for vessels approaching Būtinge Marine Terminal.
- (2) ETA should be sent 5 days, 72h, 48h and 12h prior to arrival.
- (2) Vessels should contact the Pilot Station at least 4h prior to arrival at the Anchorage Area.
- (3) Klaipėda VTS shall be advised prior to movement to and from the SPM by the Loading Master via the tanker's Master.
- (4) Pilot boards within the Būtinge Anchorage (11 n miles offshore from Šventoji harbour).

NOTE: The terminal is operated by Mažeika Nafta Būtinge Oil Terminal.

Būtinge Marine Terminal Website (HH346/807/01 – E7 & E8) 5/02

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VOLUME 6, 2001/02—PART 4

Published Wk 41/01

(Last Amendments: Weekly Edition No. 4 dated 24 January 2002)

Page 273, **THAILAND (East Coast)**, before **ERAWAN AND PLATONG MARINE TERMINALS** section, insert new entry:

BENCHAMAS EXPLORER

10°31'N 101°15'E

Pilots and Terminal

CALL: **3F0H6**

TELEPHONE: Terminal: Inmarsat: +873 635685710

FAX: Terminal: Inmarsat: +873 635685711

TELEX: Terminal: Inmarsat: + 583 435685710

E-MAIL: Terminal: benfso@chevrontexaco.com

FREQUENCY: Terminal: 5930 kHz RT
Ch 16

HOURS: H24

PROCEDURE:

(1) Vessels should send ETA 72h, 48h and 24h in advance of their arrival either direct to the terminal or via their agents.

(2) Vessels should make contact with the terminal by VHF, when within range, to confirm ETA and berthing instructions.

(3) Pilot boards 4 n miles East of Benchamas Terminal (at the anchorage).

Marine Superintendent, Chevron Offshore (Thailand) Ltd (HH544/180/04) 5/02

VOLUME 6, 2001/02—PART 5

Published Wk 41/01

(Last Amendments: Weekly Edition No. 51 dated 27 December 2001)

Page 197, **UNITED STATES (Atlantic Coast)**, **CHESAPEAKE BAY**

Pilots, NOTES, section (2), delete sections (a), (b), (c) and (d) and replace by:

(a) Lt buoy 1PR (38°18'·22N 76°21'·18W)

(b) Lt buoy No 74 (38°18'·90N 76°17'·05W)

(c) Lt buoy No 76 (38°21'·40N 76°18'·55W)

(d) Lt buoy No 77 (38°21'·08N 76°21'·70W)

US Notice 2/12264/02 (HH614/575/03 – E22) 5/02

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

Published Wk 15/01

(Last Amendments: Weekly Edition No. 51 dated 27 December 2001)

Page 63, delete diagram and replace by diagram **SafetyNET – METAREA I UNITED KINGDOM FORECAST AREAS** on page 6.28

5/02

Page 64, delete diagram and replace by diagram **SafetyNET – METAREA II FRANCE FORECAST AREAS** on page 6.29

5/02

Page 73, **NAVTEX (UK)** (remotely controlled by Falmouth Coast Guard), Weather Bulletins table,

after row 6, I: 0520 1720, insert:

A: 0000 0400 0800 1200 1600 2000	Storm Warnings, Bulletins Météorologique Spéciaux (BMS) for areas: Humber, Tamise, Pas de Calais, Antifer, Casquets and Ouessant. In French
A: 0800 2000	Gale warnings or storm warnings, synopsis and development, 24 hour forecast for areas: Humber, Tamise, Pas de Calais, Antifer, Casquets and Ouessant. In French

World Meteorological Organisation (HH080/007/07 – E37) 5/02

Page 80, **THAMES COASTGUARD (MRCC)**, delete row 4 and replace by:

MF RT Transmits 2182 2596	Receives 2182 2596	VHF Ch 06 10 23 16 67 73 84 86 Broadcast Ch 23 73 84 86
--	---------------------------------	--

Thames Coastguard (HH080/001/021 – E42) 05/02

Page 84, delete diagram and replace by diagram **UNITED KINGDOM FORECAST AREAS** on page 6.30

UK Met Office (HH080/001/22 – E9) 5/02

Page 116, **REPUBLIC OF IRELAND, NAVTEX [Q] [W]**

Delete **Weather Bulletins** and **Navigational Warnings** sections and replace by:

Weather Bulletins		Navigational Warnings	
Q: On receipt 0240 0640 1040 1440 1840 2240	Gale warnings for Irish coastal waters up to 30 n miles offshore and the Irish Sea.	Q: On receipt 0240 0640 1040 1440 1840 2240	For North Channel, SW coast of Scotland, N and NW coasts of Ireland and approaches
Q: 1040 2240	Gale warnings, synopsis and 24 hour forecast for Irish coastal waters up to 30 n miles offshore, Irish Sea, sea areas Shannon, Rockall, Malin and Bailey. Forecast for Atlantic–East Northern and East Central sections. Extended 3 day outlook for sea areas SE Iceland, Faeroes, Fair Isle, Hebrides, Malin, Irish Sea, Lundy, Fastnet, Shannon, Rockall and Bailey.	W: On receipt 0340 0740 1140 1540 1940 2340	For S, SW and W coasts of Ireland and approaches
W: On receipt 0340 0740 1140 1540 1940 2340	Gale warnings for Irish coastal waters up to 30 n miles offshore and the Irish Sea.		

Continued on next page

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Weather Bulletins		Navigational Warnings	
W: 0740 1940	Gale warnings, synopsis and 24 hour forecast for Irish coastal waters up to 30 n miles offshore, Irish Sea, sea areas Sole, Fastnet and Shannon.		
W: 1140 2340	Forecast for Atlantic–East Central Section.		

UK Met Office (HH080/001/22 – E10) 5/02

Page 119, **Radio France (Bulletin Inter–Service–Mer)**

Delete **Weather Bulletins** section and replace by:

Weather Bulletins LW: 2003 LT AM: 0655 LT Gale warnings, synopsis, development, 24 hour forecast for Areas 1–29, 514–516, 521–523 and 531–534. In French.

5/02

Page 119, **Jobourg (CROSS)**

Delete station and replace by:

Jobourg (CROSS) (MRCC)				
A	Ch 80	VHF	Granville	48°50'N 1°36'W
B	Ch 80	VHF	Jobourg	49°41'N 1°54'W
C	Ch 80	VHF	Port-en-Bessin	49°21'N 0°45'W
D	Ch 80	VHF	Antifer	49°41'N 0°10'E
NOTE: All transmissions on VHF are preceded by an announcement on Ch 16, then broadcast sequentially on the working channel. Scheduled broadcasts may be suspended whilst SAR action is in progress.				
DIAGRAMS: pages 121, 122 and 123				

Weather Bulletins		Navigational Warnings	
A–D: On receipt H+20, H+50	Storm Warnings and BMS Large (if winds are forecast to reach Force 8 or more) for areas 13–15. In French and English.	A–D: Every H+20 H+50 On request	Regular bulletin for Casquets TSS and the area east to buoy number 'EC 2' (50°12'0N 1°12'5W). In French and English.
A–D: On receipt Every H+03	Coastal BMS	A–D: 0915 2115 LT	Cherbourg AVURNAVS for areas Manche Ouest and Manche Est. In French and English; Cherbourg Local AVURNAVS for area Manche Ouest. In French.
A: 0703 1533 1903 LT B: 0715 1545 1915 LT	Storm Warnings and BMS in force. 24 hour forecast and reports from Signal Stations. For area: Cap de la Hague to Pointe de Penmarc'h extending 20 n miles from the coast. In French.		
B: 0733 1603 1933 LT C: 0745 1615 1945 LT D: 0803 1633 2003 LT	Storm Warnings and BMS in force. 24 hour forecast and reports from Signal Stations. For area: Baie de Somme to Cap de la Hague extending 20 n miles from the coast. In French.		

5/02

Page 120, delete diagram and replace by diagram **FORECAST AREAS (RADIO FRANCE – INTERNATIONALE)** on page 6.31

5/02

Page 121, delete diagram and replace by diagram **FRANCE FORECAST AREAS** on page 6.32

5/02

Page 122, delete diagram and replace by diagram **FRANCE – CHANNEL COAST MSI BROADCASTS** on page 6.33

5/02

World Meteorological Organisation (HH080/008/07 – E8) 5/02

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Page 126, **Corsen** (CROSS) (MRCC)

Delete station and replace by:

Corsen [A] [E] (CROSS) MRCC				
A NAVTEX [A]	518 kHz	VHF		
B NAVTEX [E]	490 kHz	D Cap Fréhel	Ch 79	48°41'N 2°19'W
C MF	1650	E Bodic	Ch 79	48°48'N 3°05'W
C MF	2677	F Île de Batz	Ch 79	48°54'N 4°02'W
		G Le Stiff	Ch 79	48°28'N 5°03'W
		H Pointe du Raz	Ch 79	48°03'N 4°52'W
Weather Bulletins				
Diagrams on pages 64, 121 and 123				
A: 0000 0400 0800 1200 1600 2000 Storm Warning for areas Iroise, Yeu, Rochebonne, Cantabrico, Finisterre and Pazenn. In English.				
A: 0000 1200 Gale warnings, synopsis and development, 24 hour forecast for areas Iroise, Yeu, Rochebonne, Cantabrico, Finisterre and Pazenn. In English				
B: 0040 0440 0840 1240 1640 2040 Storm Warnings for areas Casquets, Ouessant, Iroise, Yeu, Rochebonne, Cantabrico, Finisterre, Pazenn, Sole, Shannon, Fastnet, Lundy, Irish Sea, Rockall, Malin and Hebrides. In French.				
B: 0840 2040 Gale warnings or storm warnings, synopsis and development, 24 hour forecast for areas Casquets, Ouessant, Iroise, Yeu, Rochebonne, Cantabrico, Finisterre, Pazenn, Sole, Fastnet, Shannon, Lundy and Irish Sea. In French.				
C: On receipt and every H+03 Storm Warnings and Bulletins Météorologique Spéciaux (BMS) for areas 14–29. In French repeated in English.				
C: 0815 2015 LT Storm Warnings in force. Synopsis and 24 hour forecast for areas 14–29. Further 24 hour outlook. In French.				
D–H: On receipt and every H+10, H+40 Storm Warnings and BMS for areas 14–17. In French repeated in English.				
D–H: H+50 from 0750Z 24 hour forecast for areas 14–17. In French and English.				
D: 0445 0703 1103 ¹ 1533 1903 LT E: 0503 0715 1115 ¹ 1545 1915 LT F: 0515 0733 1133 ¹ 1603 1933 LT G: 0533 0745 1145 ¹ 1615 1945 LT H: 0545 0803 1203 ¹ 1633 2003 LT Storm Warnings and BMS in force. 24 hour forecast and reports from Signal Stations. For area: Cap de la Hague to Penmarc'h extending 20 n miles from the coast. In French. (1) 1 May – 30 September				
Navigational Warnings				
C: 0735 1935 LT Local Warnings				
D–H: Every H+10, H+40 General bulletin for Ouessant TSS, in English and French				
Fog (Visibility) Warnings				
D–H: Broadcast when visibility conditions so require – for Ouessant TSS. In English and French				
NOTE: All transmissions on RT M/F are preceded by an announcement on 2182 kHz indicating the working frequency to be used for the broadcast.				
All transmissions on VHF are preceded by an announcement on Ch 16, then broadcast sequentially on the working channel.				
Scheduled broadcasts may be suspended whilst SAR action is in progress.				

5/02

Page 127, **Bilbao** (CCR Group IV)

Delete station and replace by:

Bilbao (CCR Group IV)				
A	1677	RT (MF)	Cabo Peñas	43°39'N 5°51'W
B	1707	RT (MF)	Machichaco	43°27'N 2°45'W
DIAGRAMS: pages 131 and 132				
Weather Bulletins		Navigational Warnings		
A: 0803 1203 1703 B: 0903 1233 1733	Storm Warnings. Synoptic situation and development for N Atlantic. In Spanish.	A: 0803 1203 1703 B: 0903 1233 1733	Coastal warnings for area from the French/Spanish border to 6°W.	
A: 0803 B: 0903	Forecast for all N Atlantic areas valid for following 18 hours. In Spanish			
A: 1203 B: 1233	Forecast for all N Atlantic areas valid for following 60 hours. In Spanish			
A: 1703 B: 1733	Forecast for all N Atlantic areas valid for following 36 hours. In Spanish			

5/02

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Page 127, **Coruña Navtex 518 kHz [D] (MRSC)**

Delete station and replace by:

Coruña Navtex 518 kHz [D] (MRSC)				43°21'N 8°27'W
NAVTEX	C	Coruña	VHF A B	Ch 13 Ch 12 13 14
Weather Bulletins B: 0005 0405 0805 1205 1605 2005 For Areas 1–6 in Spanish and English C: 0030 Storm Warnings, synoptic situation and development, forecast valid for the following 18 hours for N Atlantic within 450 n miles from coast. In English. 1230 Storm Warnings, synoptic situation and development, forecast valid for the following 36 hours for N Atlantic within 450 n miles from coast. In English. Navigational Warnings A: 0205 0605 1005 1405 1805 2205 C: 0030 0430 1230 1630 NAVAREA II Warnings and local warnings in Spanish and English				

5/02

Page 128, **Coruña (CCR Group III)**

Delete station and replace by:

Coruña (CCR Group III)				
A	1698	RT (MF)	Coruña	43°22'N 8°27'W
B	1764	RT (MF)	Finisterre	42°54'N 9°16'W
C	Ch 02	VHF	Cabo Ortegal	43°35'N 7°47'W
C	Ch 26	VHF	Coruña	43°22'N 8°27'W
C	Ch 22	VHF	Finisterre	42°54'N 9°16'W
C	Ch 20	VHF	Vigo	42°10'N 8°41'W
C	Ch 82	VHF	La Guardia	41°53'N 8°52'W
DIAGRAMS: pages 131 and 132				
Weather Bulletins		Navigational Warnings		
A: 0833 1233 1733 B: 0803 1203 1703	Storm Warnings. Synoptic situation and development for N Atlantic. In Spanish. FM-61-IV MAFOR	A: 0833 1233 1733 B: 0803 1203 1703 C: 0840 2010	Coastal warnings for area 6°W to Spanish/Portuguese border.	
A: 0833 B: 0803	Forecast for all N Atlantic areas valid for following 18 hours. In Spanish			
A: 1233 B: 1203	Forecast for all N Atlantic areas valid for following 60 hours. In Spanish			
A: 1733 B: 1703	Forecast for all N Atlantic areas valid for following 36 hours. In Spanish			
C: 0840 2010	24 hour coastal forecast for area 6°W to Spanish/Portuguese border. In Spanish.			
C: 1240	48 hour coastal forecast for area 6°W to Spanish/Portuguese border. In Spanish.			

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Page 128, **PORTUGAL**, delete all stations and replace by:

NAVTEX [R]			
R	Monsanto	518 kHz	38°44'N 9°11'W
DIAGRAM: page 129			
Weather Bulletins		Navigational Warnings	
R: On receipt	Storm Warnings in English for coastal waters of Portugal including Açores and Madeira	R: 0250 0650 1050 1450 1850 2250	In English for coastal waters of Portugal, including Açores and Madeira
R: 0250 0650 1050 1450 1850 2250	In English for coastal waters of Portugal, including Açores and Madeira		

Radionaval Portugal				
A	2657	RT (MF)	Monsanto	
A	Ch 11	VHF	Monsanto	
B	Ch 11	VHF	Leixões	
C	Ch 11	VHF	Faro	
DIAGRAM: page 129				

Weather Bulletins		Navigational Warnings	
A: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Areas 4, 6, 16–19. In Portuguese, repeated in English.	A: 0705 1905	Warnings for area within 200 n miles offshore coast of Portuguese continent. In Portuguese repeated in English.
B: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Portuguese coastal waters within 20 n miles covering area Rio Minho to Cabo de São Vicente. In Portuguese repeated in English.	B: 0705 1905	Coastal warnings within 20 n miles offshore. In Portuguese repeated in English.
C: 0805 2005	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Portuguese coastal waters within 20 n miles covering area Cabo Carvoeiro to Rio Guadiana. In Portuguese repeated in English.	C: 0805 2005	Coastal warnings within 20 n miles offshore. In Portuguese repeated in English.

5/02

Page 129, delete diagram and replace by diagram **PORTUGAL FORECAST AREAS** on page 6.34

World Meteorological Organisation (HH080/008/07 – E8) 5/02

Page 129, **MADEIRA (Portugal), Porto Santo (Radionaval)**

Delete station and replace by:

Porto Santo (Radionaval)				
A	2657	RT (MF)		
DIAGRAM: page 129				
Weather Bulletins		Navigational Warnings		
A: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Areas 8, 21 and 22. In Portuguese, repeated in English.	A: 0705 1905	Warnings within 200 n miles offshore coast of Madeira. In Portuguese, repeated in English.	

5/02

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Page 130, insert new diagram **Islas Canarias – Coast Radio Stations MSI BROADCASTS** on page 6.35

World Meteorological Organisation (HH080/008/07 – E9) 5/02

Page 130, **AÇORES (Portugal), Horta (CTH)** (Radionaval)

Delete station and replace by:

Horta (CTH) (Radionaval)				
A	2657	RT (MF)		
DIAGRAM: page 129				
Weather Bulletins		Navigational Warnings		
A: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Areas 3, 5, 7, 30 and 31. In Portuguese, repeated in English.	A: 0705 1905	Warnings within 200 n miles offshore coast of Açores. In Portuguese, repeated in English.	

NAVTEX [F]			
F	Horta	518 kHz	38°32'N 28°38'W
Weather Bulletins		Navigational Warnings	
F: 0050 0450 0850 1250 1650 2050	Gale warnings , synopsis, 24 hour forecast in English for coastal waters of the Açores up to 50 n miles offshore	F: 0050 0450 0850 1250 1650 2050	In English for coastal waters of the Açores

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Page 131, delete diagram and replace by diagram **SPAIN FORECAST AREAS** on page 6.36

5/02

Page 132, delete diagram and replace by diagram **Spain – Coast Radio Stations MSI BROADCASTS** on page 6.37

World Meteorological Organisation (HH080/008/07 – E9) 5/02

Page 133, **Las Palmas** (CCR Group V) RT (MF)

Delete **Weather Bulletins** and **Navigational Warnings** section and replace by:

Weather Bulletins 0903 1203 1803: Storm Warnings. Synoptic situation and development for N Atlantic. In Spanish. 0903: Forecast for all N Atlantic areas valid for following 18 hours. In Spanish 1203 Forecast for all N Atlantic areas valid for following 60 hours. In Spanish 1803: Forecast for all N Atlantic areas valid for following 36 hours. In Spanish Navigational Warnings 0903 1203 1803: Warnings for Islas Canarias.

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Page 133, **Tarifa [G]** (MRCC) (NAVTEX and VHF)

Delete station and replace by:

Tarifa [G] (MRCC) (NAVTEX and VHF)				
NAVTEX	A	518 kHz	VHF	B Ch 10 74
Weather Bulletins A: 0900 Storm Warnings, synoptic situation and development, forecast valid for the following 18 hours for N Atlantic and West Mediterranean Sea within 450 n miles from coast. 2100 Storm Warnings, synoptic situation and development, forecast valid for the following 36 hours for N Atlantic and West Mediterranean Sea within 450 n miles from coast. In English. B: Every even H+15 Actual wind and visibility at Tarifa, followed by forecast for Strait of Gibraltar, Cádiz Bay and Alborán in English and Spanish Navigational Warnings A: 0100 0500 1300 1700 NAVAREA II warnings; coastal warnings from Portuguese border to Europa Point (Gibraltar), in English. B: On receipt For the Strait of Gibraltar between the meridians of Cabo Espartel Lt (35°47'N 5°56'W) and Punta Almina Lt (35°54'N 5°17'W), in Spanish and English Fog (Visibilty) Warnings B: Every even H+15 broadcasts are more frequent when visibility falls below 2 n miles, in Spanish and English				

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Page 134, **Málaga** (CCR Group II)

Delete station and replace by:

Málaga (CCR Group II)				
A	1656	RT (MF)	Chipiona	36°42'N 6°25'W
B	1704	RT (MF)	Tarifa	36°03'N 5°33'W
C	Ch 26	VHF	Cádiz	36°21'N 6°17'W
C	Ch 81	VHF	Tarifa	36°03'N 5°33'W
C	Ch 26	VHF	Málaga	36°36'N 4°36'W
C	Ch 27	VHF	Cabo Gata	36°43'N 2°12'W
DIAGRAMS: pages 131 and 132				

Weather Bulletins		Navigational Warnings	
A: 0803 1233 1703	Storm Warnings. Synoptic situation and development for N Atlantic. In Spanish.	A, B: 0803 1233 1703 C: 0833 2033	Coastal warnings for area from Spanish/Portuguese border to Garrucha.
B: 0803 1233 1703	Storm Warnings. Synoptic situation and development for Western Mediterranean Sea. In Spanish. M-61-IV MAFOR		
A: 0803	Forecast for all N Atlantic areas valid for following 18 hours. In Spanish		
A: 1233	Forecast for all N Atlantic areas valid for following 60 hours. In Spanish		
A: 1703	Forecast for all N Atlantic areas valid for following 36 hours. In Spanish		
B: 0803	Forecast for Western Mediterranean Sea valid for following 18 hours. In Spanish		
B: 1233	Forecast for Western Mediterranean Sea valid for following 60 hours. In Spanish		
B: 1703	Forecast for Western Mediterranean Sea valid for following 36 hours. In Spanish		
C: 0833 2033	24 hour coastal forecast for area from Spanish/Portuguese border to Garrucha. In Spanish.		
C: 1133	48 hour coastal forecast for area from Spanish/Portuguese border to Garrucha. In Spanish		

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Page 134, **Valencia [X] NAVTEX (MRCC)**

Delete station and replace by:

Valencia [X] NAVTEX (MRCC)						
NAVTEX	A	Cabo de la Nao	518 kHz	38°43'N 0°09'E	VHF	B Ch 10
Weather Bulletins A: 0750 Storm Warnings, synoptic situation and development, forecast valid for the following 18 hours for N Atlantic within 450 n miles from coast. 1950 Storm Warnings, synoptic situation and development, forecast valid for the following 36 hours for N Atlantic within 450 n miles from coast. In English. B: Every even H+15 For coastal waters of Alicante, Valencia, Castellón and Mar de Palos, Argelia and Islas Baleares in Spanish and English Navigational Warnings A: 0350 0750 1150 1550 1950 2350 NAVAREA III warnings, coastal warnings for the Mediterranean coast of Spain and Islas Baleares in English. B: Every even H+15 For coastal waters of Alicante, Valencia, Castellón and Mar de Palos, Argelia and Islas Baleares in Spanish and English						

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Page 134, **Valencia (CCR Group I)**

Delete station and replace by:

Valencia (CCR Group I)				
A	1755	RT (MF)	Palma	39°21'N 2°58'E
B	1764	RT (MF)	Cabo Gata	36°43'N 2°12'W
C	Ch 04	VHF	Cartagena	37°35'N 0°58'W
C	Ch 01	VHF	Alicante	38°20'N 0°42'W
C	Ch 02	VHF	Cabo la Nao	38°43'N 0°10'E
C	Ch 28	VHF	Castellón	39°52'N 0°19'W
C	Ch 23	VHF	Tarragona	41°21'N 1°32'E
C	Ch 27	VHF	Barcelona	41°25'N 2°07'E
C	Ch 23	VHF	Bagur	42°17'N 3°15'E
C	Ch 82	VHF	Menorca	39°59'N 4°07'E
C	Ch 07	VHF	Palma	39°44'N 2°43'E
C	Ch 03	VHF	Ibiza	38°55'N 1°16'E
DIAGRAMS: pages 131 and 132				

Weather Bulletins		Navigational Warnings	
A: 0803 1203 1703 B: 0833 1233 1733	Storm Warnings. Synoptic situation and development for Western Mediterranean Sea. In Spanish.	A: 0803 1203 1703 B: 0833 1233 1733 C: 0910 2110	Coastal warnings for area from Cabo Tiñoso to the Spanish/French border
A: 0803 B: 0833	Forecast for Western Mediterranean Sea valid for following 18 hours. In Spanish.		
A: 1203 B: 1233	Forecast for Western Mediterranean Sea valid for following 60 hours. In Spanish		
A: 1703 B: 1733	Forecast for Western Mediterranean Sea valid for following 36 hours. In Spanish		
C: 0910 2110	24 hour coastal forecast for area from Cabo Tiñoso to the Spanish/French border. In Spanish.		
C: 1410	48 hour coastal forecast for area from Cabo Tiñoso to the Spanish/French border. In Spanish.		

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Page 135, (Mediterranean Coast) FRANCE , La Garde [W] 518 kHz [S] 490 kHz (CROSS) (MRCC)

Delete station and replace by:

La Garde [W] [S] (CROSS) (MRCC)				
A	1696	RT (MF)	La Garde	43°06'N 5°59'E
A	2677	RT (MF)	La Garde	43°06'N 5°59'E
B	Ch 79	VHF	Pic de Neulos	42°29'N 2°56'E
C	Ch 79	VHF	Agde	43°18'N 3°30'E
D	Ch 80	VHF	Phare du Planier	43°12'N 5°14'E
E	Ch 80	VHF	Mont Coudon	43°10'N 6°00'E
F	Ch 80	VHF	Pic de l'Ours	43°28'N 6°54'E
Corse				
G	Ch 79	VHF	Ersa	42°58'N 9°23'E
H	Ch 79	VHF	Serra Di Pigno	42°42'N 9°24'E
I	Ch 79	VHF	Conça	41°41'N 9°23'E
J	Ch 79	VHF	Serragia	41°30'N 8°59'E
K	Ch 79	VHF	La Punta	41°57'N 8°42'E
L	Ch 79	VHF	Piana	42°14'N 8°37'E
W	518 kHz	Navtex		
S	490 kHz	Navtex		
NOTE: All transmissions on RT M/F are preceded by an announcement on 2182 kHz indicating the working frequency to be used for the broadcast. All transmissions on VHF are preceded by an announcement on Ch 16, then broadcast sequentially on the working channel. Scheduled broadcasts may be suspended whilst SAR action is in progress.				
DIAGRAMS: pages 121, 136 and 138				

Weather Bulletins		Navigational Warnings	
A: On receipt Every H+03	Storm Warnings and BMS for Mediterranean areas 514–516, 521–523 and 531–534. In French repeated in English.	A: 0833 1603 LT	Warnings for Golfe du Lion
A: 0650 1433 1850 LT	Storm Warnings in force. Synopsis and 24 hour forecast for areas 514–516, 521–523 and 531–534. Further 24 hour outlook. In French.		
B–L: On receipt Every H+03	Coastal BMS		
B: 0703 1233 1903 LT C: 0715 1245 1915 LT	Storm Warnings and BMS in force. 24 hour forecast and reports from Signal Stations. For area: Languedoc Roussillon (Spanish frontier to Port–Camargue) extending 20 n miles from the coast. In French.		
D: 0733 1303 1933 LT E: 0745 1315 1945 LT	Storm Warnings and BMS in force. 24 hour forecast and reports from Signal Stations. For area: Provence (Port–Camargue to Saint–Raphaël) extending 20 n miles from the coast. In French.		
F: 0803 1333 2003 LT	Storm Warnings and BMS in force. 24 hour forecast and reports from Signal Stations. For area: Cote d'Azur (Saint–Raphaël to Menton) extending 20 n miles from the coast. In French.		
G: 0733 1233 1933 LT H: 0745 1245 1945 LT I: 0803 1303 2003 LT J: 0815 1315 2015 LT K: 0833 1333 2033 LT L: 0845 1345 2045 LT	Storm Warnings and BMS in force. 24 hour forecast and reports from Signal Stations. For area: coast of Corse extending 20 n miles from the coast. In French.		

Continued on next page

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Weather Bulletins		Navigational Warnings	
W: On receipt 0340 0740 1140 1540 1940 2340	Storm Warnings for Areas 514 (Eastern part), 515, 516, 521, 522, 523, 531–534. In English.	W: 0340 0740 1140 1540 1940 2340	AVURNAV Toulon. In English.
W: 1140 2340	Storm warnings, synopsis and development, 24 hour forecast for areas 514 (Eastern part), 515, 516, 521, 522, 523, 531–534. In English.		
S: 0300 0700 1100 1500 1900 2300	Storm Warnings for Areas 514 (Eastern part), 515, 516, 521, 522, 523, 531–534. In French.		
S: 0700 1900	Storm warnings, synopsis and development, 24 hour forecast for areas 514 (Eastern part), 515, 516, 521, 522, 523, 531–534. In French.	S: 0300 0700 1100 1500 1900 2300	AVURNAV Toulon. In French.

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Page 136, delete diagram and replace by diagram **FRANCE – MEDITERRANEAN COAST & CORSE MSI BROADCASTS** on page 6.38

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Page 137, **Monaco**, delete **Weather Bulletins** and replace by:

Monaco (cont)	
Weather Warnings – Diagrams on pages 64 and 121 A, G, H: Every H+03 (during hours of service) Storm Warnings: For areas: 514–516, 521–523, 531–534. In French and English. Weather Bulletins B, C: 0715 1830 Gale warnings, synopsis, 24 hour forecast and further 24 hour outlook for areas: 511–516, 521–525, 531–537. In French and English. A, G: 0903 1403 1915 LT Gale warnings, synopsis, 24 hour forecast and further 24 hour outlook for areas: 514–516, 521–523, 531–534. In French and English. C–F: 0930 Gale warnings, synopsis, 24 hour forecast for METAREA II. In French and English. H: Continuous Broadcast (H24) Gale warnings, synopsis, 24 hour forecast and further 24 hour outlook for areas up to 20 n miles offshore for Cote d'Azur (Saint Raphaël to Menton). Bulletins updated 3 times a day. In French and English. Navigational Warnings A, G: 0803 LT Urgent navigational warnings in French; also available in English on request	

5/02

Page 137, **(Corse) FRANCE** , delete country heading

Corse (Sous-CROSS) (MRSC)

Delete station

World Meteorological Organisation (HH080/007/07 – E37) 5/02

5/02

Page 147. delete diagram and replace by diagram **MOROCCO FORECAST AREAS** on page 6.39

World Meteorological Organisation (HH080/011/04 – E36) 5/02

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Page 148, **Tanger (MF)**

Delete station and replace by:

Tanger (MF)				
A	1911	RT (MF)		
B	2182 2635			
DIAGRAM: page 147				
Weather Bulletins		Navigational Warnings		
B: On receipt Every H+03	Special Weather Bulletin (B.M.S.). Hurricane, Storm, Gale and coastal swell warnings for Moroccan coastal and ocean forecast areas. In French.	A: On receipt Every H+03	For Moroccan coastal waters. In French.	
A: 0915 1635	Hurricane, Gale, Storm and coastal swell warning for the area affected. Synopsis and forecast valid for 24 hours for all areas. In French.			

5/02

Page 148, **Casablanca (MF)**

Delete station and replace by:

Casablanca (MF)				
A	2182	RT (MF)		
B	2586			
DIAGRAMS: page 147				
Weather Bulletins		Navigational Warnings		
A: On receipt Every H+33	Special Weather Bulletin (B.M.S.). Hurricane, Storm, Gale and coastal swell warnings for Moroccan coastal and ocean forecast areas. In French.	B: On receipt 0918 2028	For Moroccan coastal waters and eastern Atlantic Ocean between 22°N and 42°N. In French.	
B: 0945 1645	Hurricane, Gale, Storm and coastal swell warning for the area affected. Synopsis and forecast valid for 24 hours for all areas. In French.			

5/02

Page 148, **Safi (MF)**

Delete station and replace by:

Safi (MF)				
A	1743	RT (MF)		
B	2182			
DIAGRAMS: page 147				
Weather Bulletins		Navigational Warnings		
B: On receipt Every H+03	Special Weather Bulletin (B.M.S.). Hurricane, Storm, Gale and coastal swell warnings for Moroccan coastal and ocean forecast areas. In French.	A: On receipt 0928 1648 On request	For Moroccan coastal waters and eastern Atlantic Ocean between 22°N and 42°N. In French.	
A: 0915 1635	Hurricane, Gale, Storm and coastal swell warning for the area affected. Synopsis and forecast valid for 24 hours for all areas. In French.			

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Page 149, **Agadir (MF)**

Delete station and replace by:

Agadir (MF)				
A	1911	RT (MF)		0700–2100
B	2182			
DIAGRAM: page 147				
Weather Bulletins		Navigational Warnings		
B: On receipt Every H+33	Special Weather Bulletin (B.M.S.). Hurricane, Storm, Gale and coastal swell warnings for Moroccan coastal and ocean forecast areas. In French.	A: On receipt 1048 1628	For Moroccan coastal waters and eastern Atlantic Ocean between 22°N and 42°N. In French.	
A: 0935 1615	Hurricane, Gale, Storm and coastal swell warning for the area affected. Synopsis and forecast valid for 24 hours for all areas. In French.			

5/02

Page 173, **LAND EARTH STATION OPERATORS CONTACTS AND SERVICES, HELP–LINE SERVICE** delete section and replace by:

HELP-LINE SERVICE

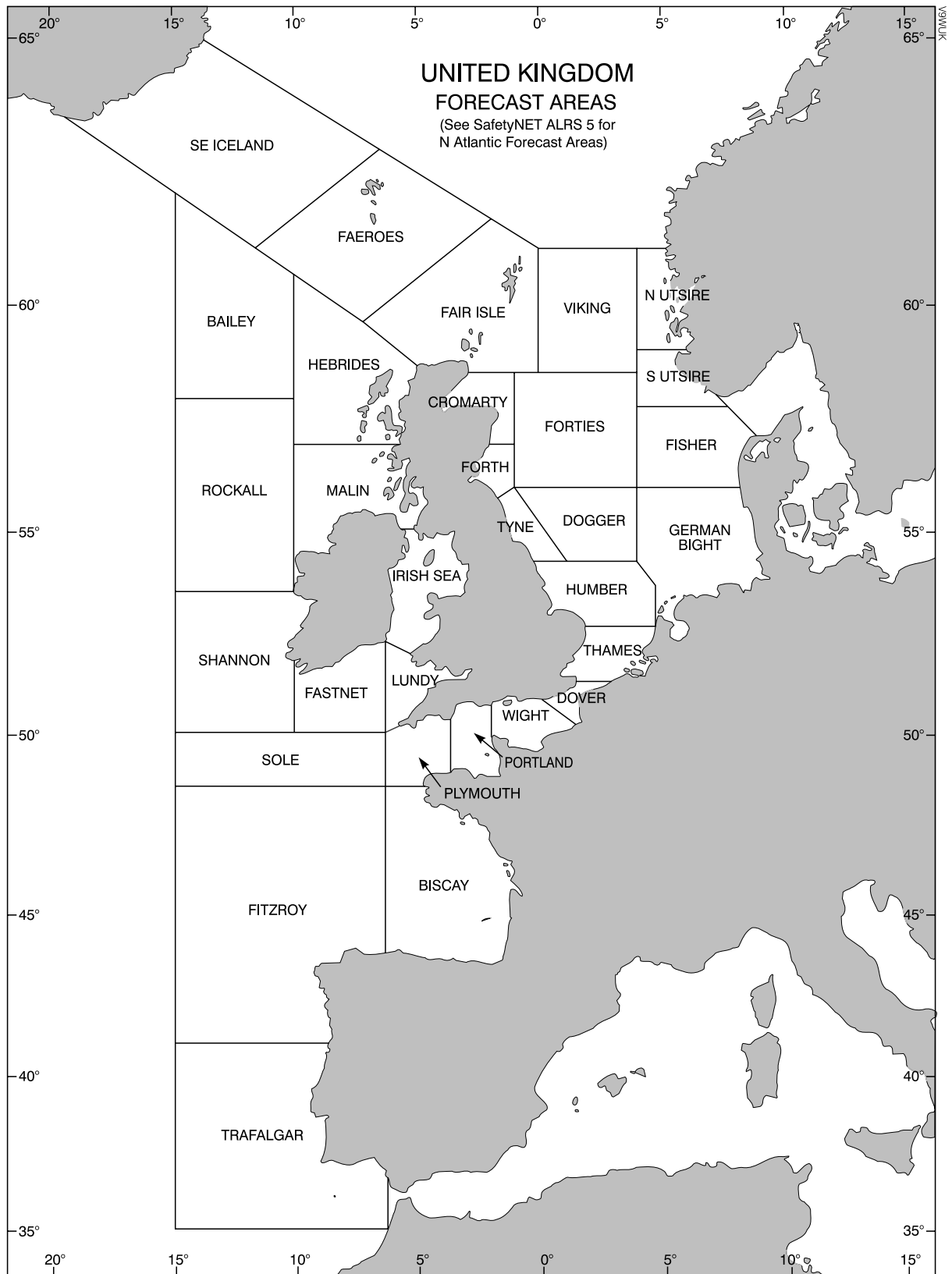
The 'Help-line' is available on UK telex number (51) 920327 INMHLP G, 24 hours a day, 7 days a week, and is available for access by anyone with a telex terminal. To use the telex 'Help-line', after connection wait for the system to exchange answerbacks; you will then be welcomed to the database. Do not type any message until you have received the welcome message. The option required should then be selected followed by . (full stop); the . (full stop) acts as the indication that you have finished your selection.

The following option facilities are available:

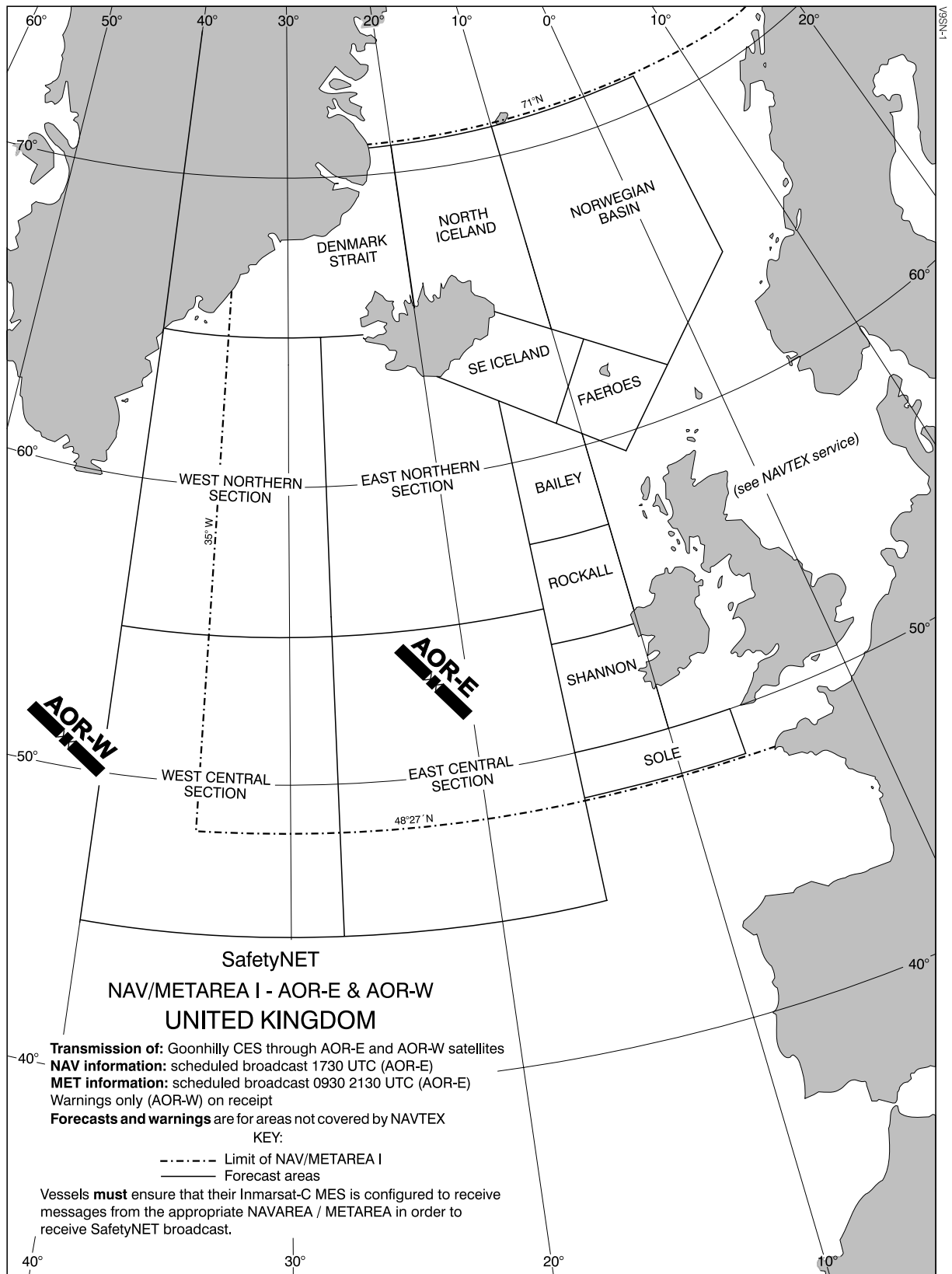
- (1) **Information retrieval** – A menu-driven database that can be used to retrieve any generic information placed in the database including information on Land Earth Stations and the services offered.
- (2) **Page Operator** – Whereby callers can have a 'live' telex conversation with Inmarsat Directorate personnel. This facility is available during normal UK working hours (0900-1700) when the Maritime Customer Relations Engineer will deal with answering enquiries using this facility. This facility is expected to be used when an immediate answer to a query is required.
- (3) **Director of Retrievable information** – This option gives a listing of all information available for retrieval together with the date of origination. This is to enable users to see if they have the latest updated information.
- (4) **Help** – This option contains instructions on how to use the Telex 'Help-line'.
- (5) **Query Inmarsat Ship Directory** – This facility contains the main and second ID numbers of all Inmarsat–A and Inmarsat–C equipped vessels. If the ID number is listed as ex-directory the enquirer will see the indication 'Private' instead of the ID number.
- (6) **Logoff**

Inmarsat (HH080/050/03 – E39) 05/02

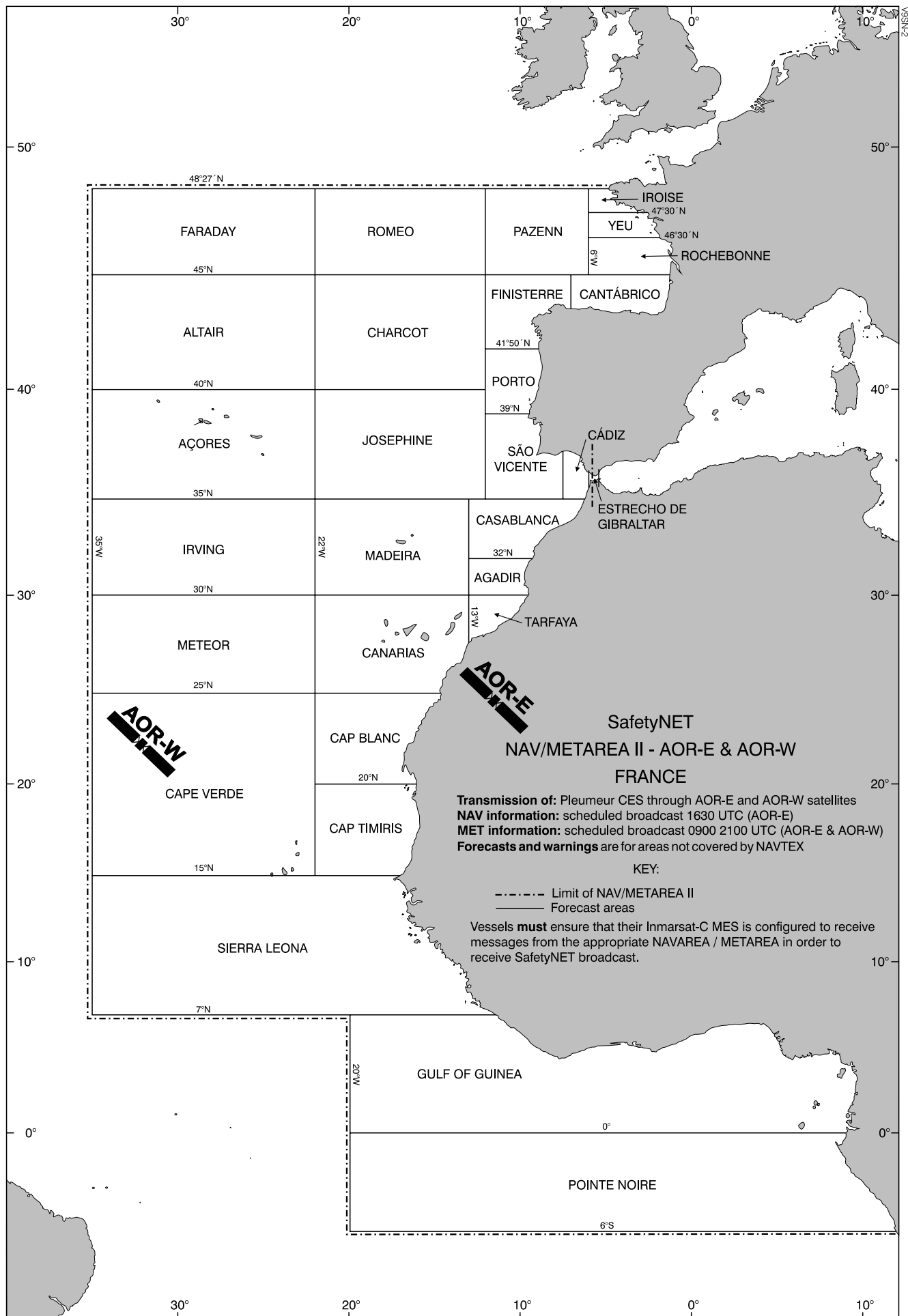
VI

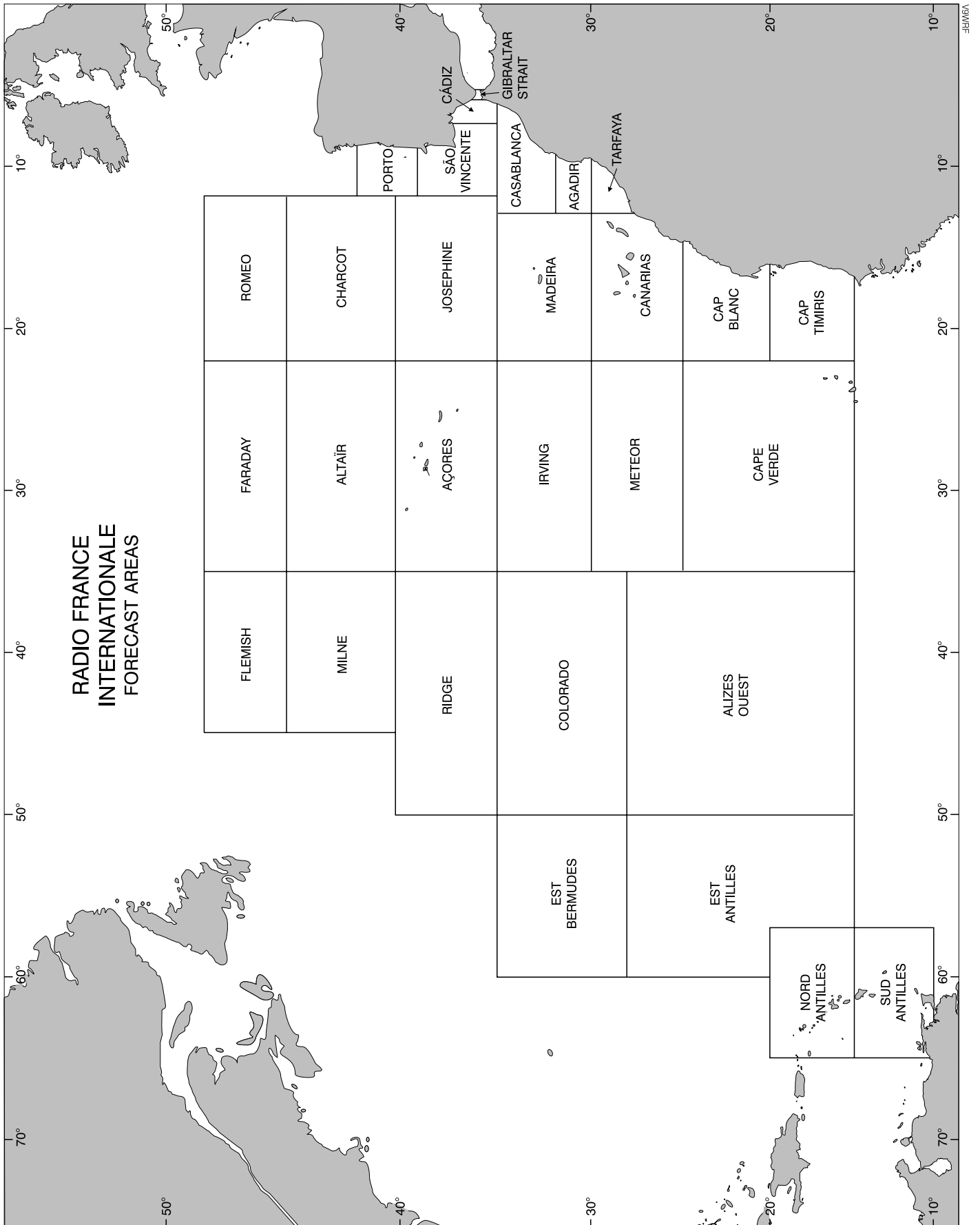


VI

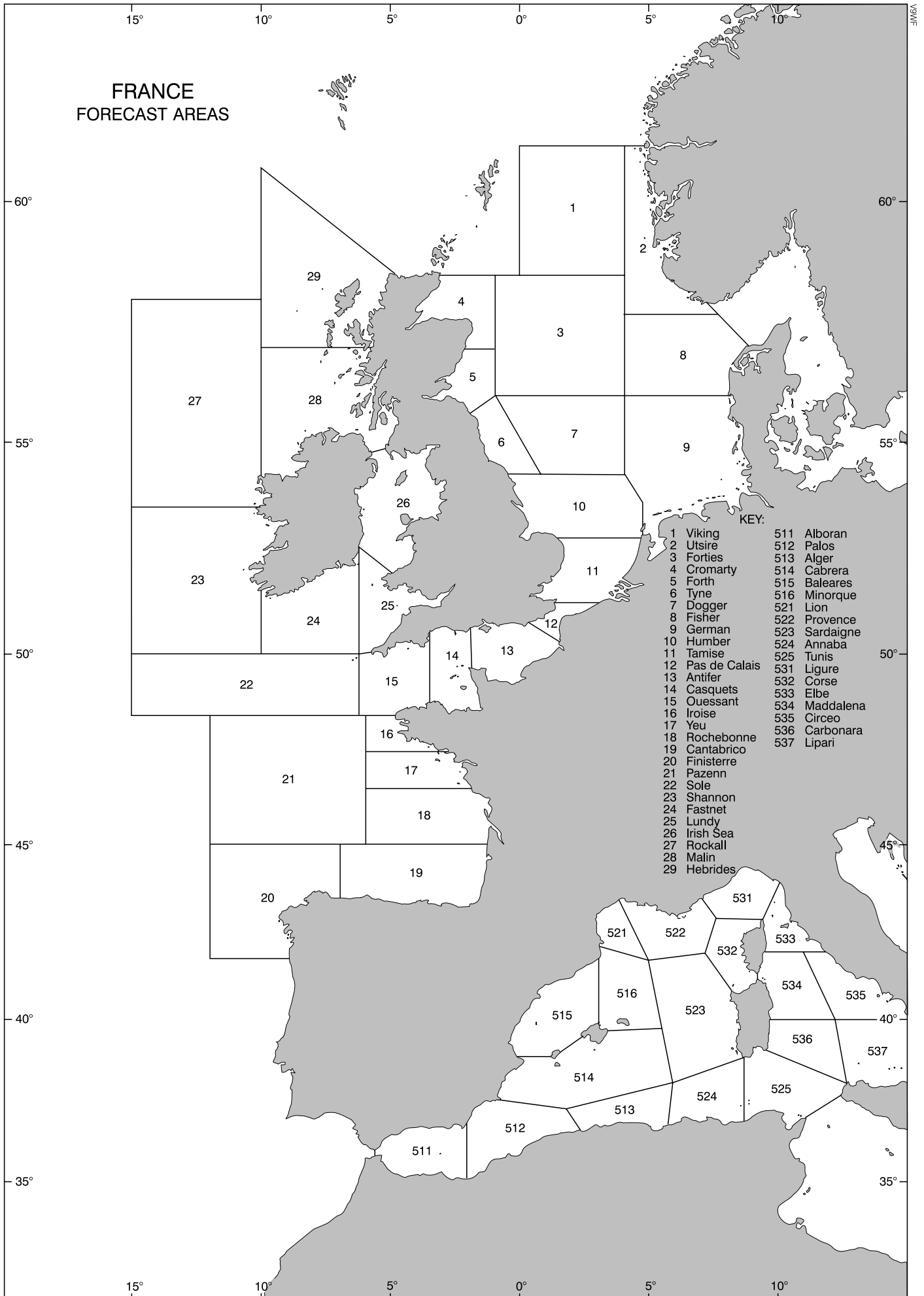


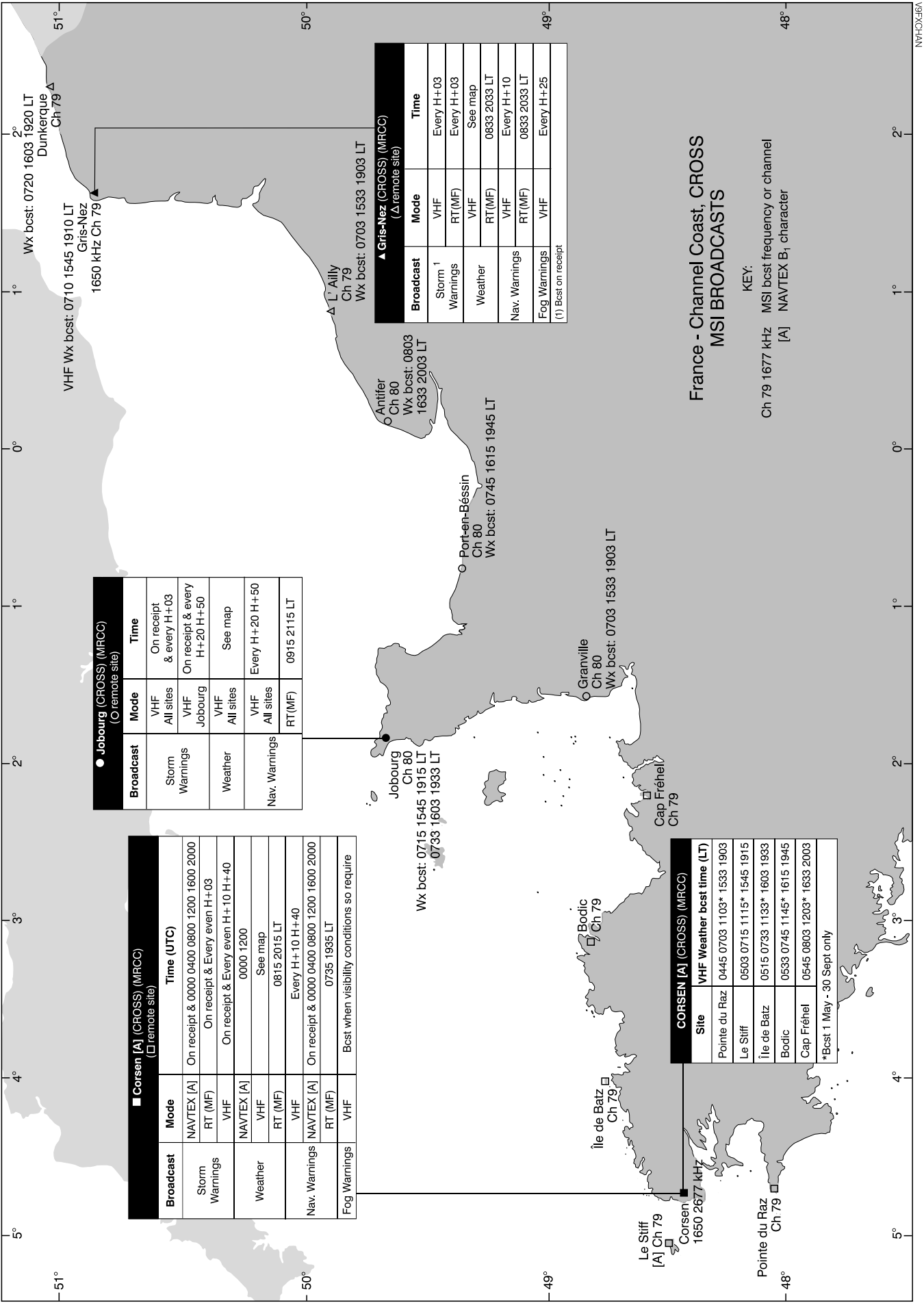
VI



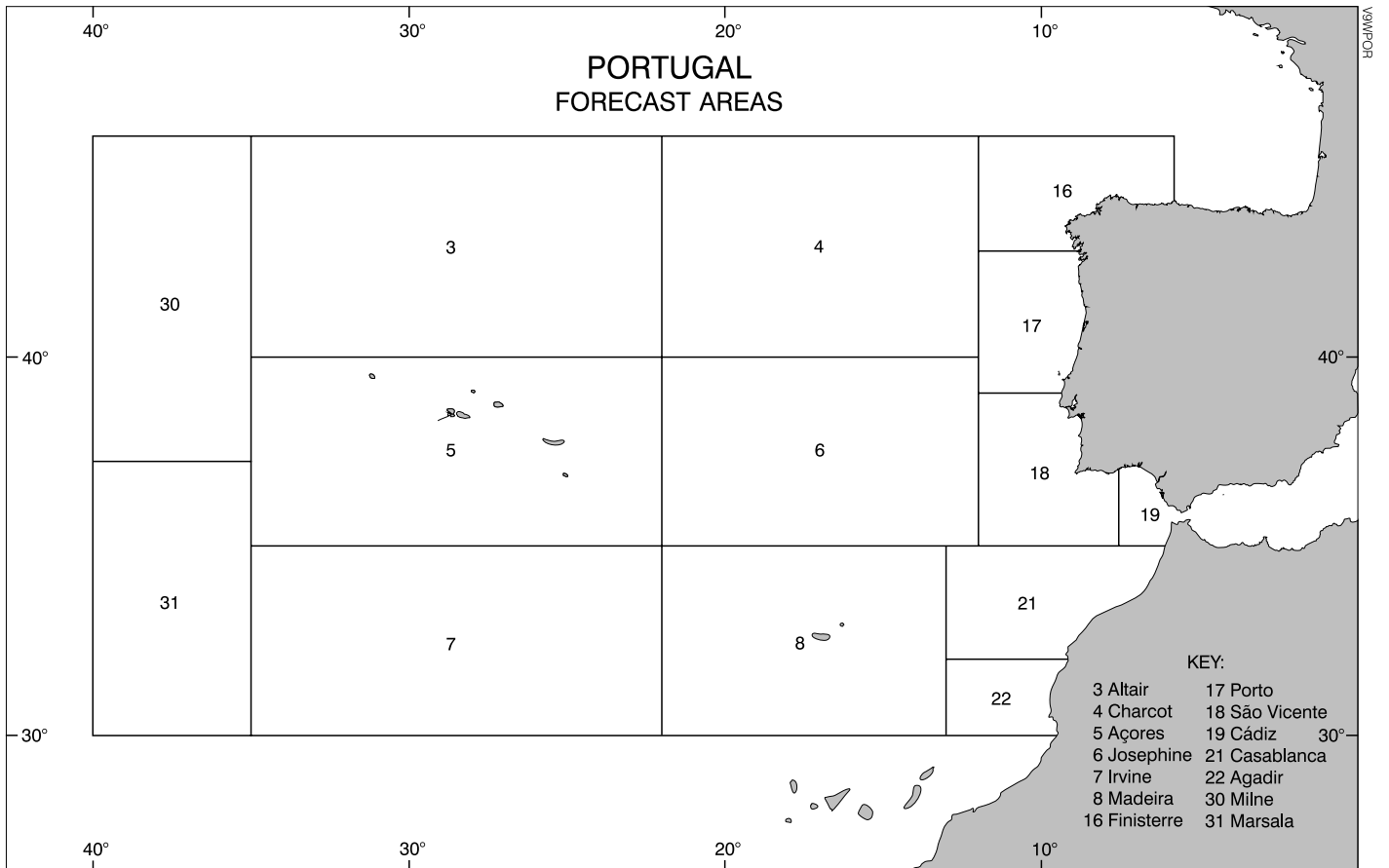


FRANCE FORECAST AREAS





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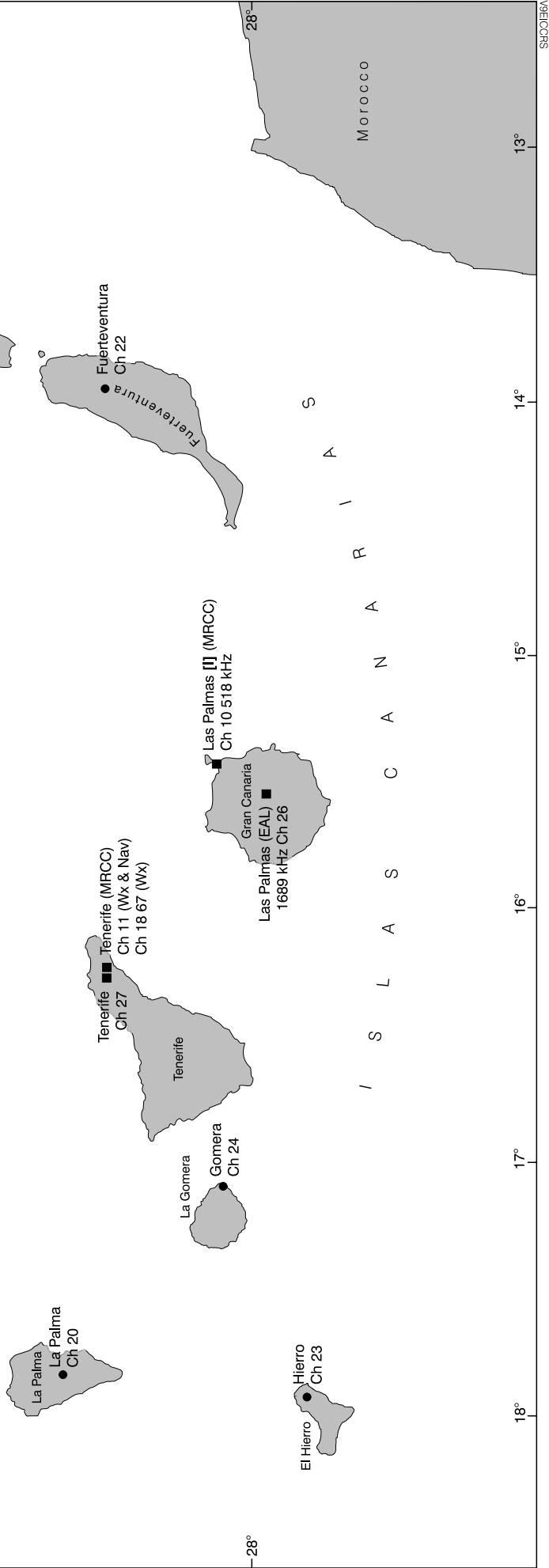
Islas Canarias - Coast Radio Stations
MSI BROADCASTS

NAVTEX BROADCASTS	
Station	Time (UTC)
Las Palmas [I]	0120 0520 0920*
(*Wx & Nav)	1320* 1720* 2120

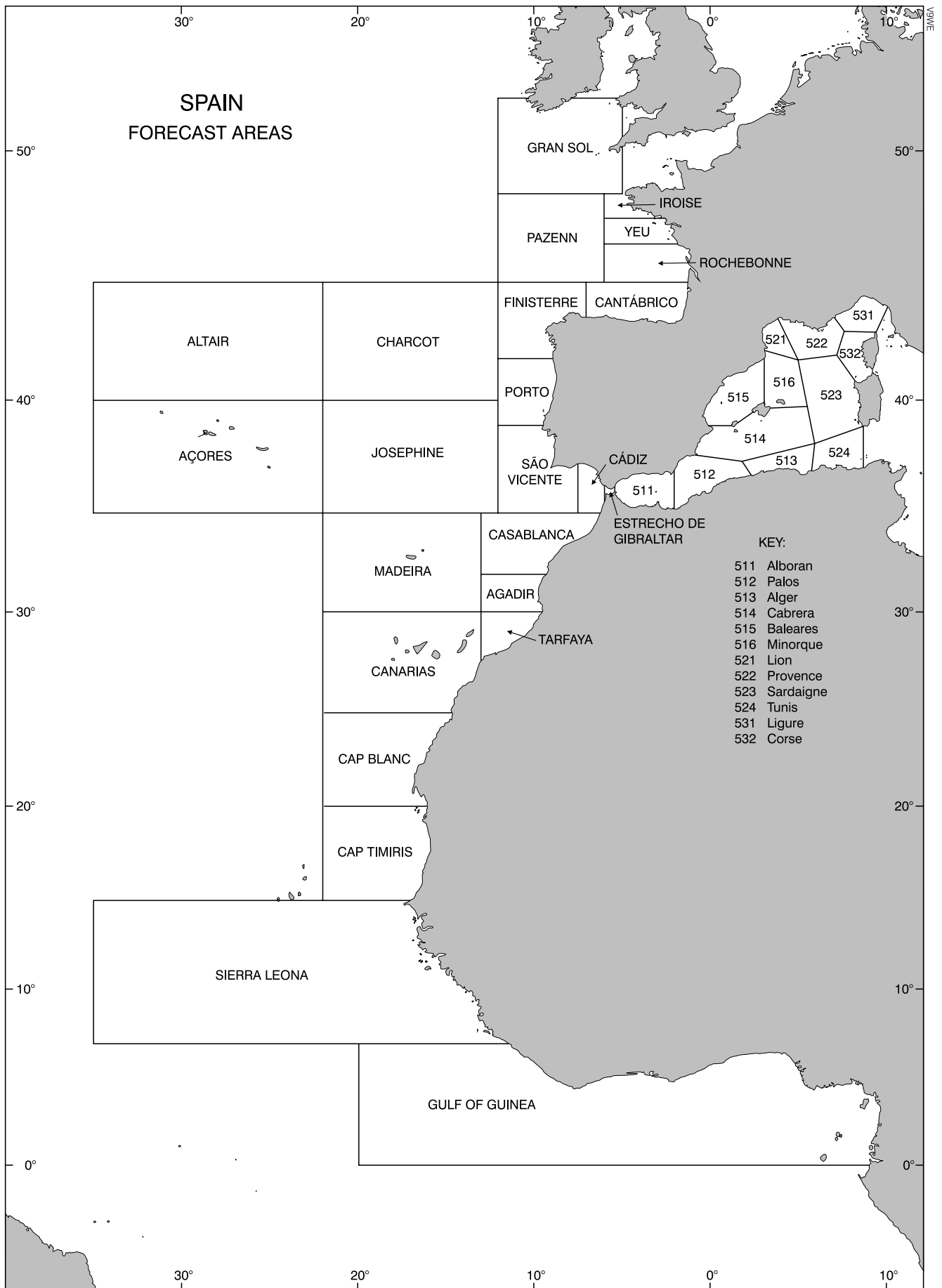
CRS Name	Weather Bulletin		Navigational Warnings	
	RT (MF)	VHF	RT (MF)	VHF
Arrecife	0903 1203 1803	0833 1333 2033	0903 1203 1803	0833 2033
Fuerteventura		0833 1333 2033		0833 2033
Gomera		0833 1333 2033		0833 2033
Hierro		0833 1333 2033		0833 2033
La Palma		0833 1333 2033		0833 2033
Las Palmas	0903 1203 1803	0833 1333 2033	0903 1203 1803	0833 2033
Las Palmas (MRCC)				On receipt
Tenerife		0833 1333 2033		0833 2033
Tenerife (MRCC)		0015 then every 4h		0215 then every 4h

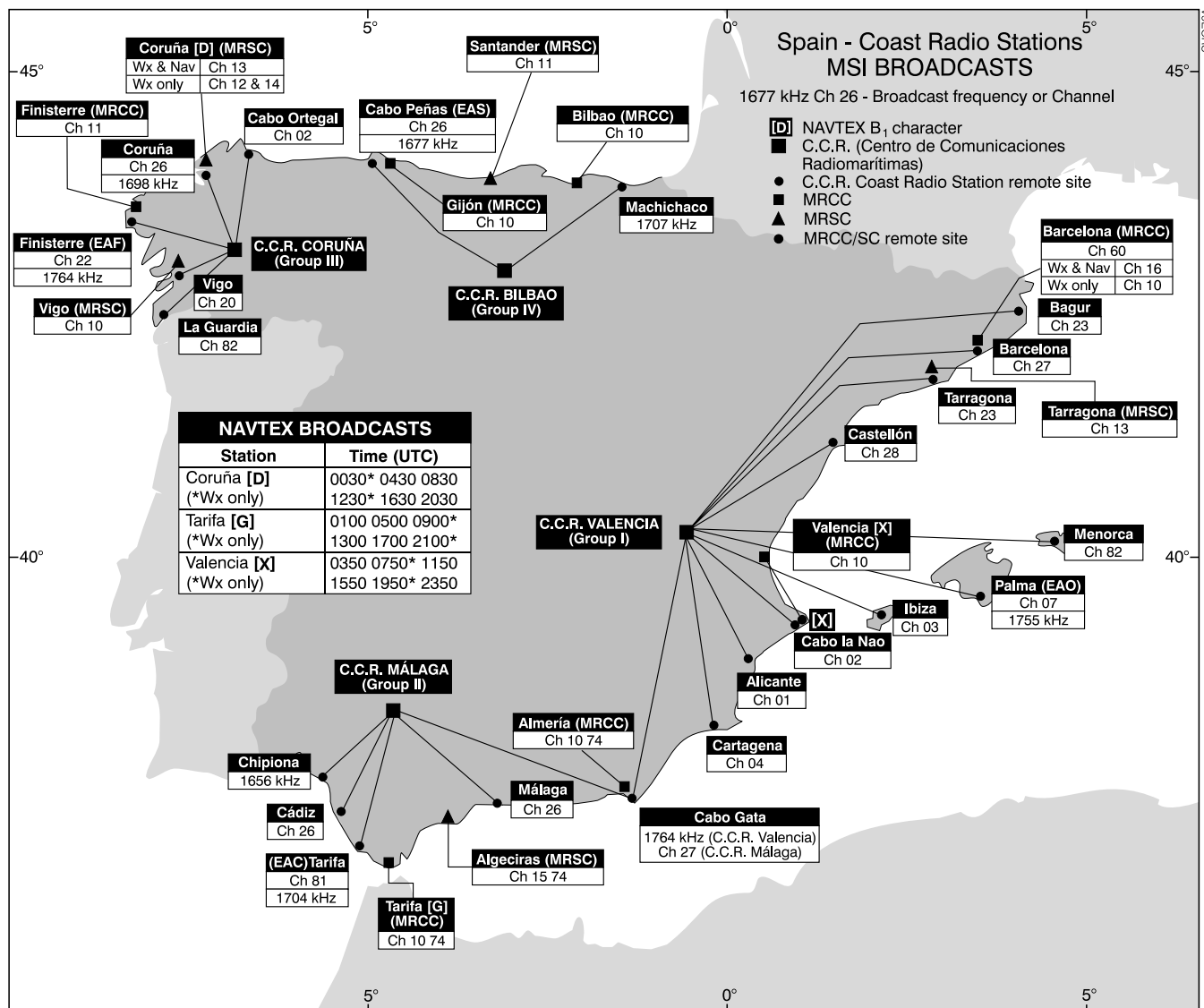
- KEY:
- 1689 kHz Ch 26
 - 1689 kHz Ch 26
 - MRCC
 - C.C.R. (Centro de Comunicaciones Radiomárítimas)
 - C.C.R. Remote Site
 - [I] NAVTEX B₁ character

Ilhas Selvagens



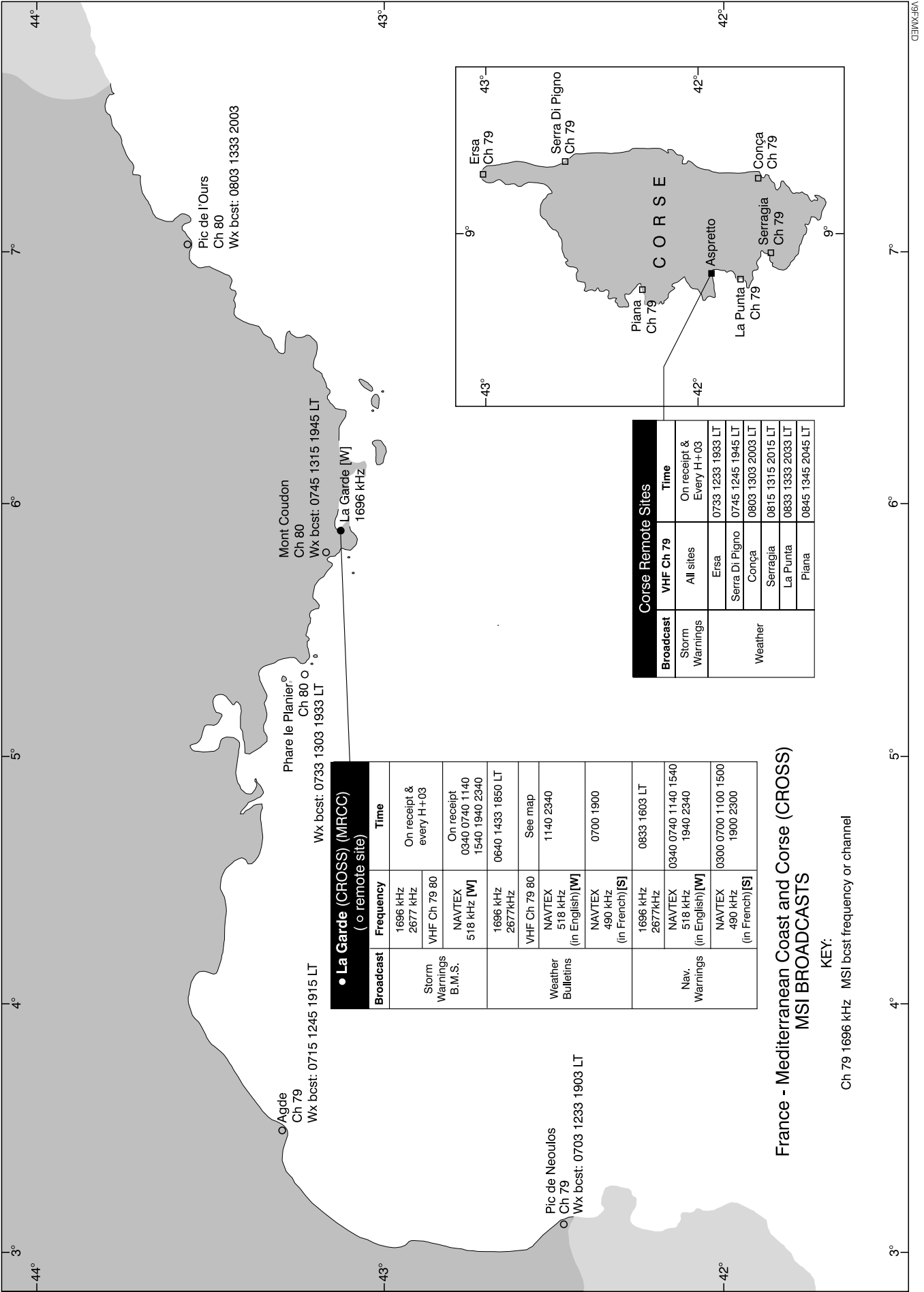
VI



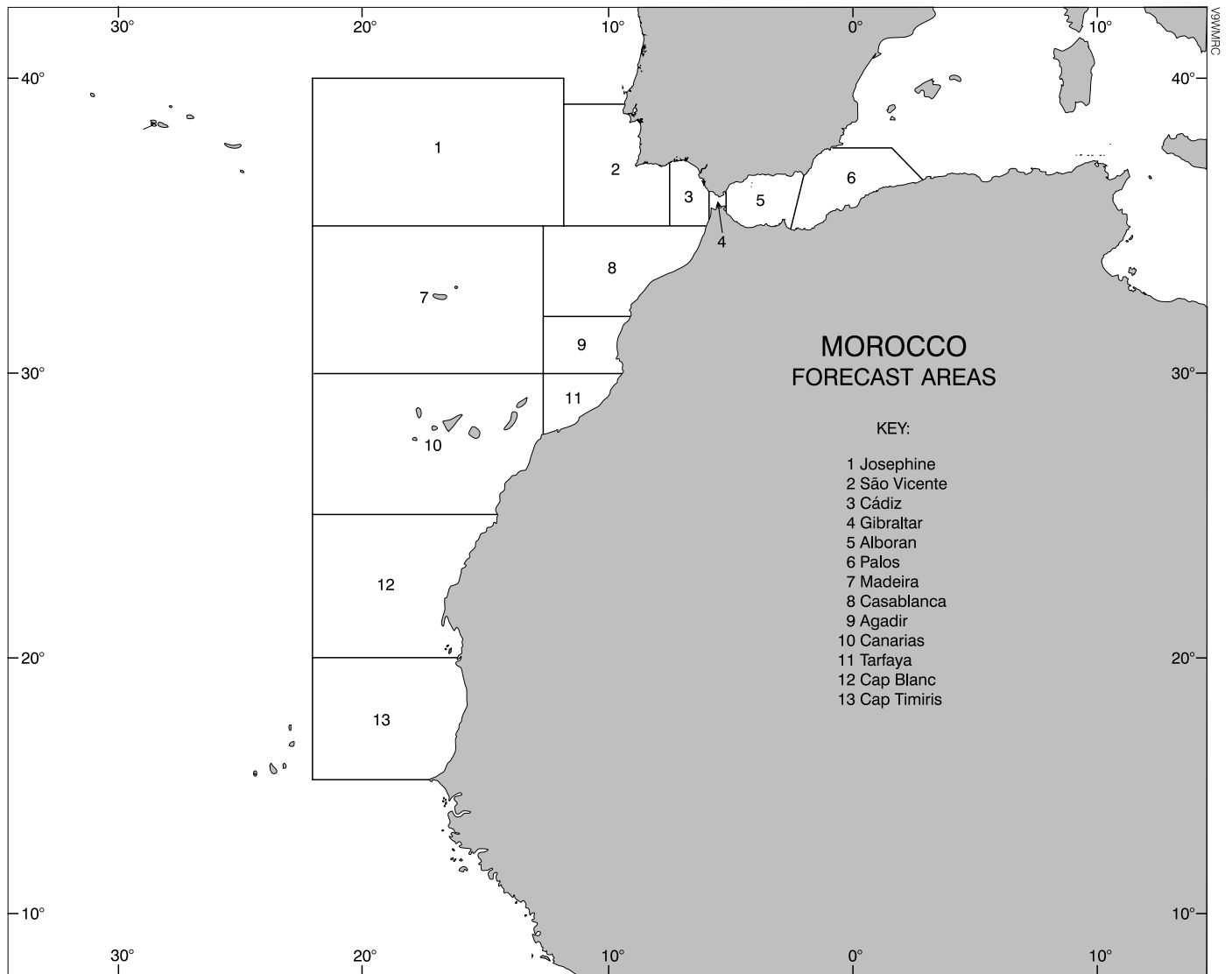


VHF/MF RADIOTELEPHONE MSI BROADCAST SCHEDULE

CRS Name	Weather Bulletin		Navigational Warnings		CRS Name	Weather Bulletin		Navigational Warnings	
	RT (MF)	VHF	RT (MF)	VHF		RT (MF)	VHF	RT (MF)	VHF
Alicante		0940 1410 2110		0910 2110	Finisterre	0803 1203 1703	0840 1240 2010	0803 1203 1703	0840 2010
Algeciras (MRSC)		0315 0515 0715 1115 1515 1915 2315		On request	Finisterre (MRCC)		H+33 every 4h (Start 0233)		H+33 every 4h (Start 0233)
Almería (MRCC)		Every H+15		Every H+15	Gijón (MRCC)		Even H+15 (0215-2215)		Even H+15
Bagur		0910 1410 2110		0910 2110	Ibiza		0910 1410 2110		0910 2110
Barcelona		0910 1410 2110		0910 2110	La Guardia		0840 1240 2010		0840 2010
Barcelona (MRCC)		0700 1000 1600 2100		0700 1000 1600 2100	Machichaco	0903 1233 1733		0903 1233 1733	
Bilbao (MRCC)		0033 0433 0833 1233 1633 2033		0033 0433 0833 1233 1633 2033	Málaga		0833 1133 2033		0833 2033
Cabo Gata	0833 1233 1733	0833 1133 2033	0833 1233 1733	0833 2033	Menorca		0910 1410 2110		0910 2110
Cabo la Nao		0910 1410 2110		0910 2110	Palma	0803 1203 1703	0910 1410 2110	0803 1203 1703	0910 2110
Cabo Ortegal		0840 1240 2010		0840 2010	Santander (MRSC)		0245 0645 1045 1455 1845 2245		0045 0445 0845 1245 1645 2045
Cabo Peñas	0803 1203 1703		0803 1203 1703		Tarifa	0803 1203 1703	0833 1133 2033	0803 1203 1703	0833 2033
Cádiz		0833 1133 2033		0833 2033	Tarifa (MRCC)		Even H+15		On receipt
Cartagena		0910 1410 2110		0910 2110	Tarragona		0910 1410 2110		0910 2110
Castellón		0910 1410 2110		0910 2110	Tarragona (MRSC)		0630 1030 1630 2130		0630 1030 1630 2130
Chipiona	0803 1233 1703		0803 1233 1703		Valencia (MRCC)		Even H+15		Even H+15
Coruña	0833 1233 1733	0840 1240 2010	0833 1233 1733	0840 2010	Vigo		0840 1240 2010		0840 2010
Coruña (MRSC)		0005 0405 0805 1205 1605 2005		0205 0605 1005 1405 1805 2205	Vigo (MRSC)		H+00 every 4h (Start 0015)		0215 0615 1015 1415 1815 2215



VI



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ADMIRALTY MARITIME COMMUNICATIONS NP290 – FIRST EDITION CARIBBEAN

Published Wk 21/01

(Last Amendments: Weekly Edition No. 51 dated 27 December 2001)

Page 65, delete diagram and replace by diagram **SafetyNET – METAREA I UNITED KINGDOM FORECAST AREAS** on page 6.43

5/02

Page 66, delete diagram and replace by diagram **SafetyNET – METAREA II FRANCE FORECAST AREAS** on page 6.44

5/02

Page 84, **Halifax (CFH) [Facsimile]**

Schedule, line 7, C 850 mb Forecast (Wind / Temperature / Height), delete 0422(18/00) 1822(06/12) and replace by: 0522(12/00) 1822(00/12)

MetOc Centre Halifax (HH080/023/08 – E6) 05/02

Page 113, delete diagram and replace by diagram **UNITED KINGDOM FORECAST AREAS** on page 6.45

UK Met Office (HH080/001/22 – E9) 5/02

Page 119, **LAND EARTH STATION OPERATORS CONTACTS AND SERVICES, HELP–LINE SERVICE** delete section and replace by:

HELP-LINE SERVICE

The 'Help-line' is available on UK telex number (51) 920327 INMHLP G, 24 hours a day, 7 days a week, and is available for access by anyone with a telex terminal. To use the telex 'Help-line', after connection wait for the system to exchange answerbacks; you will then be welcomed to the database. Do not type any message until you have received the welcome message. The option required should then be selected followed by . (full stop); the . (full stop) acts as the indication that you have finished your selection.

The following option facilities are available:

- (1) **Information retrieval** – A menu-driven database that can be used to retrieve any generic information placed in the database including information on Land Earth Stations and the services offered.
- (2) **Page Operator** – Whereby callers can have a 'live' telex conversation with Inmarsat Directorate personnel. This facility is available during normal UK working hours (0900-1700) when the Maritime Customer Relations Engineer will deal with answering enquiries using this facility. This facility is expected to be used when an immediate answer to a query is required.
- (3) **Director of Retrievable information** – This option gives a listing of all information available for retrieval together with the date of origination. This is to enable users to see if they have the latest updated information.
- (4) **Help** – This option contains instructions on how to use the Telex 'Help-line'.
- (5) **Query Inmarsat Ship Directory** – This facility contains the main and second ID numbers of all Inmarsat-A and Inmarsat-C equipped vessels. If the ID number is listed as ex-directory the enquirer will see the indication 'Private' instead of the ID number.
- (6) **Logoff**

Inmarsat (HH080/050/03 – E39) 05/02

Page 144, delete diagram and replace by diagram **SPAIN FORECAST AREAS** on page 6.46

World Meteorological Organisation (HH080/008/07 – E9) 5/02

Page 145, insert new diagram **Islas Canarias – Coast Radio Stations MSI BROADCASTS** on page 6.47

World Meteorological Organisation (HH080/008/07 – E9) 5/02

Continued on next page

VI

Page 145, **Tarifa [G]** (MRCC) (NAVTEX and VHF)

Delete station and replace by:

Tarifa [G] (MRCC) (NAVTEX and VHF)				
NAVTEX	A	518 kHz	VHF	B Ch 10 74
Weather Bulletins A: 0900 Storm Warnings, synoptic situation and development, forecast valid for the following 18 hours for N Atlantic and West Mediterranean Sea within 450 n miles from coast. 2100 Storm Warnings, synoptic situation and development, forecast valid for the following 36 hours for N Atlantic and West Mediterranean Sea within 450 n miles from coast. In English. B: Every even H+15 Actual wind and visibility at Tarifa, followed by forecast for Strait of Gibraltar, Cádiz Bay and Alborán in English and Spanish Navigational Warnings A: 0100 0500 1300 1700 NAVAREA II warnings; coastal warnings from Portuguese border to Europa Point (Gibraltar), in English. B: On receipt For the Strait of Gibraltar between the meridians of Cabo Espartel Lt (35°47'N 5°56'W) and Punta Almina Lt (35°54'N 5°17'W), in Spanish and English Fog (Visibilty) Warnings B: Every even H+15 broadcasts are more frequent when visibility falls below 2 n miles, in Spanish and English				

5/02

Page 150 and 151, **AÇORES AND MADEIRA (Portugal), Horta [F]** (Radionaval) NAVTEX 518 KHz and **Monsanto [R]** NAVTEX-518 kHz **[G]** NAVTEX-490 kHz,

Delete stations and replace by:

Horta (CTH) (Radionaval)				
A	2657	RT (MF)		
DIAGRAM: page 151				
Weather Bulletins		Navigational Warnings		
A: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Areas 3, 5, 7, 30 and 31. In Portuguese, repeated in English.	A: 0705 1905	Warnings within 200 n miles offshore coast of Açores. In Portuguese, repeated in English.	

NAVTEX [F]			
F	Horta	518 kHz	38°32'N 28°38'W
Weather Bulletins		Navigational Warnings	
F: 0050 0450 0850 1250 1650 2050	Gale warnings, synopsis, 24 hour forecast in English for coastal waters of the Açores up to 50 n miles offshore	F: 0050 0450 0850 1250 1650 2050	In English for coastal waters of the Açores

NAVTEX [R]			
R	Monsanto	518 kHz	38°44'N 9°11'W
DIAGRAM: page 151			
Weather Bulletins		Navigational Warnings	
R: On receipt	Storm Warnings in English for coastal waters of Portugal including Açores and Madeira	R: 0250 0650 1050 1450 1850 2250	In English for coastal waters of Portugal, including Açores and Madeira
R: 0250 0650 1050 1450 1850 2250	In English for coastal waters of Portugal, including Açores and Madeira		

Continued on next page

VI

Porto Santo (Radionaval)				
A	2657	RT (MF)		
DIAGRAM: page 151				
Weather Bulletins		Navigational Warnings		
A: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Areas 8, 21 and 22. In Portuguese, repeated in English.	A: 0705 1905	Warnings within 200 n miles offshore coast of Madeira. In Portuguese, repeated in English.	

Radionaval Portugal				
A	2657	RT (MF)	Monsanto	
A	Ch 11	VHF	Monsanto	
B	Ch 11	VHF	Leixões	
C	Ch 11	VHF	Faro	
DIAGRAM: page 151				
Weather Bulletins		Navigational Warnings		
A: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Areas 4, 6, 16–19. In Portuguese, repeated in English.	A: 0705 1905	Warnings for area within 200 n miles offshore coast of Portuguese continent. In Portuguese repeated in English.	
B: 0705 1905	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Portuguese coastal waters within 20 n miles covering area Rio Minho to Cabo de São Vicente. In Portuguese repeated in English.	B: 0705 1905	Coastal warnings within 20 n miles offshore. In Portuguese repeated in English.	
C: 0805 2005	Storm, Gale and Poor Visibility warnings. Synopsis and 24 hour forecast for Portuguese coastal waters within 20 n miles covering area Cabo Carvoeiro to Rio Guadiana. In Portuguese repeated in English.	C: 0805 2005	Coastal warnings within 20 n miles offshore. In Portuguese repeated in English.	

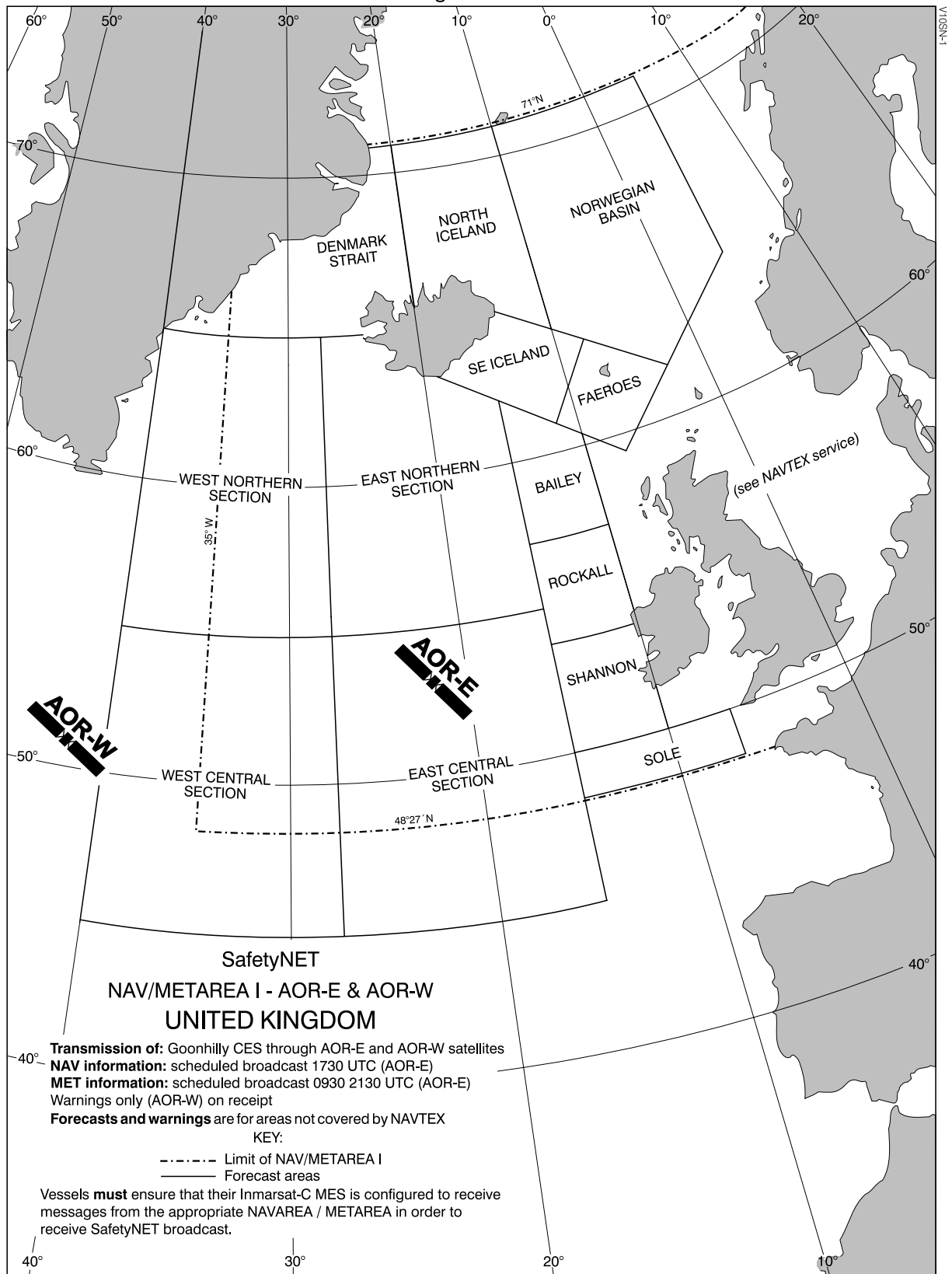
5/02

Page 151, delete diagram and replace by diagram **PORTUGAL FORECAST AREAS** on page 6.48

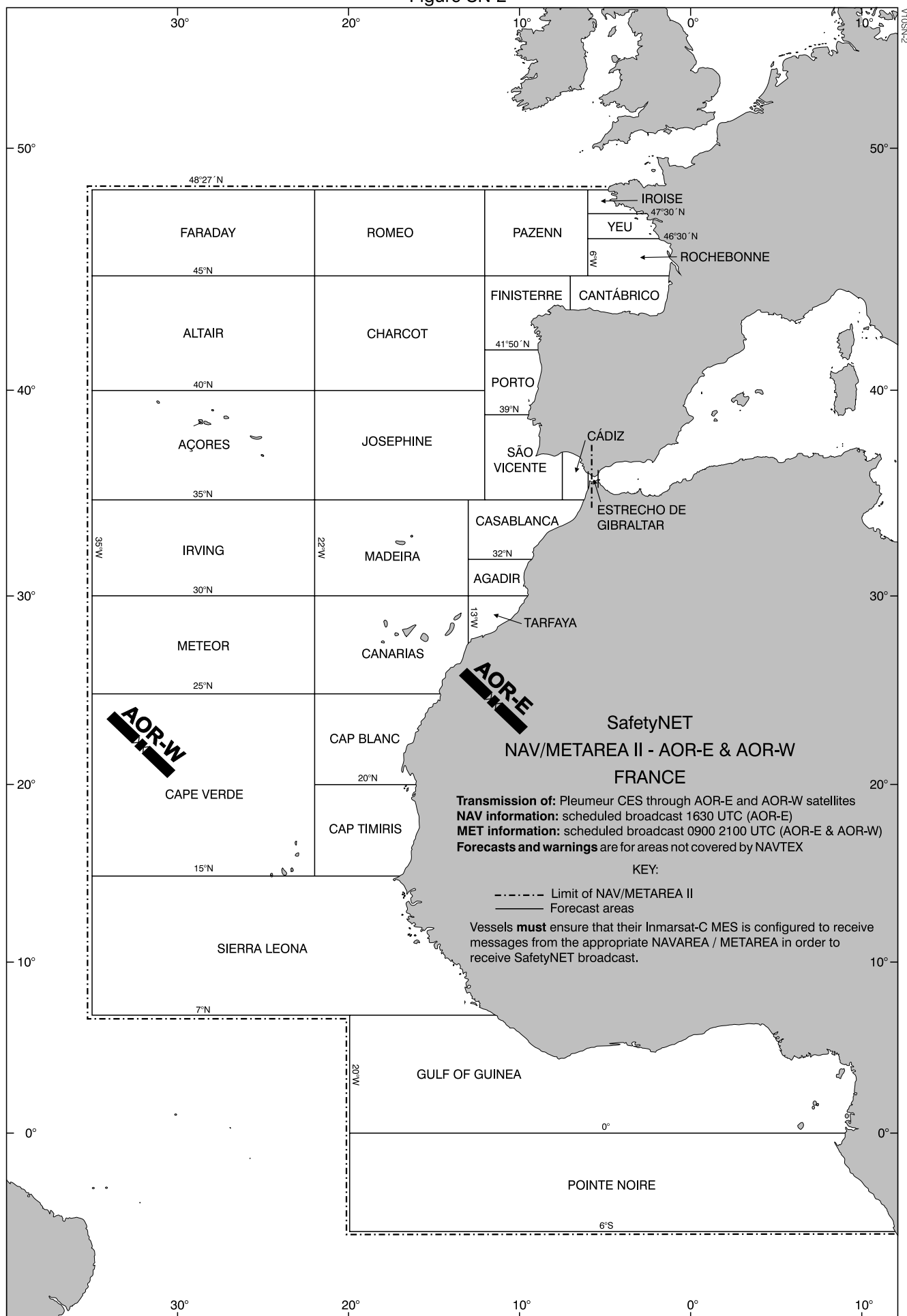
World Meteorological Organisation (HH080/008/07 – E8) 5/02

VI

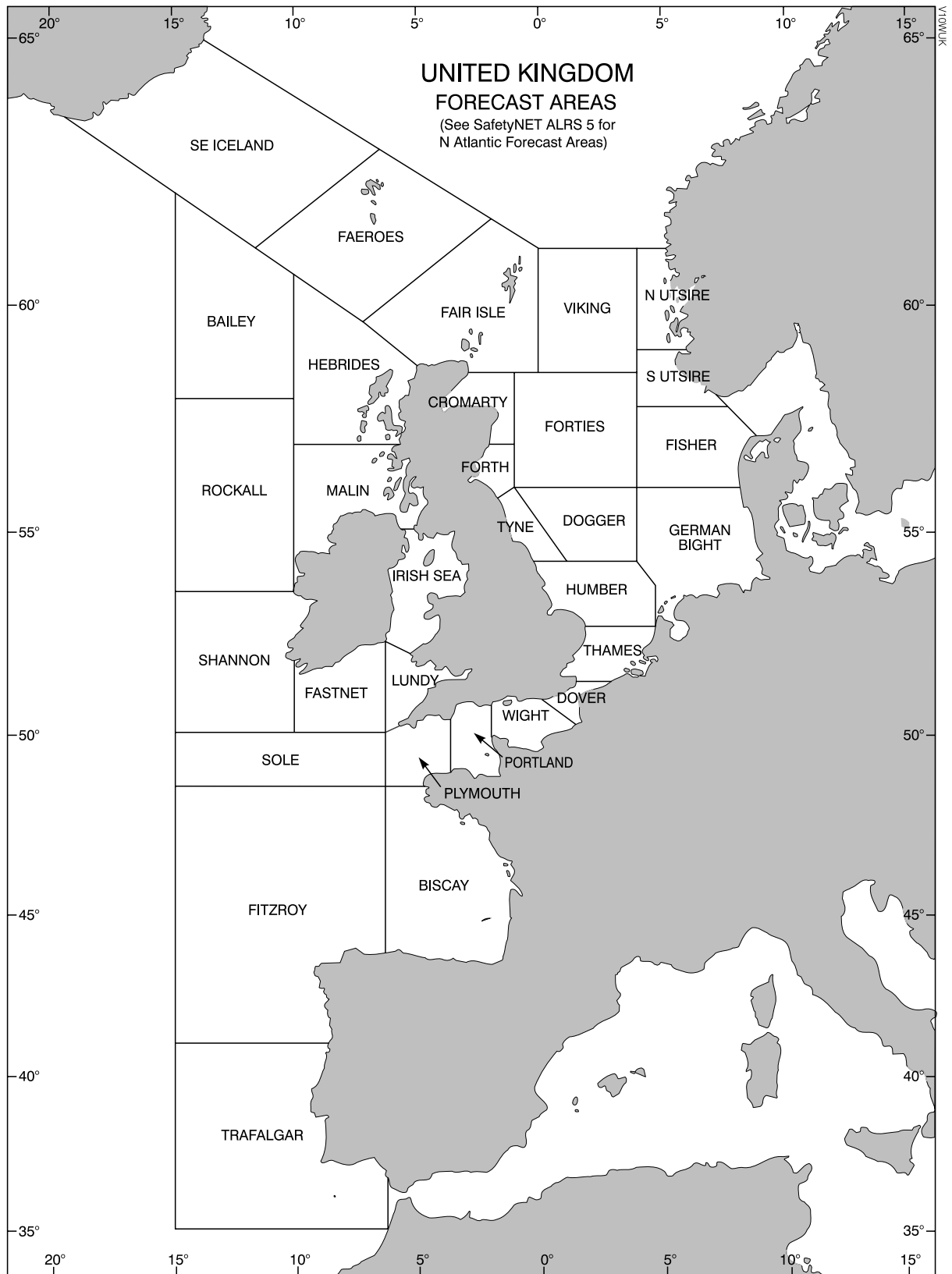
Figure SN-1



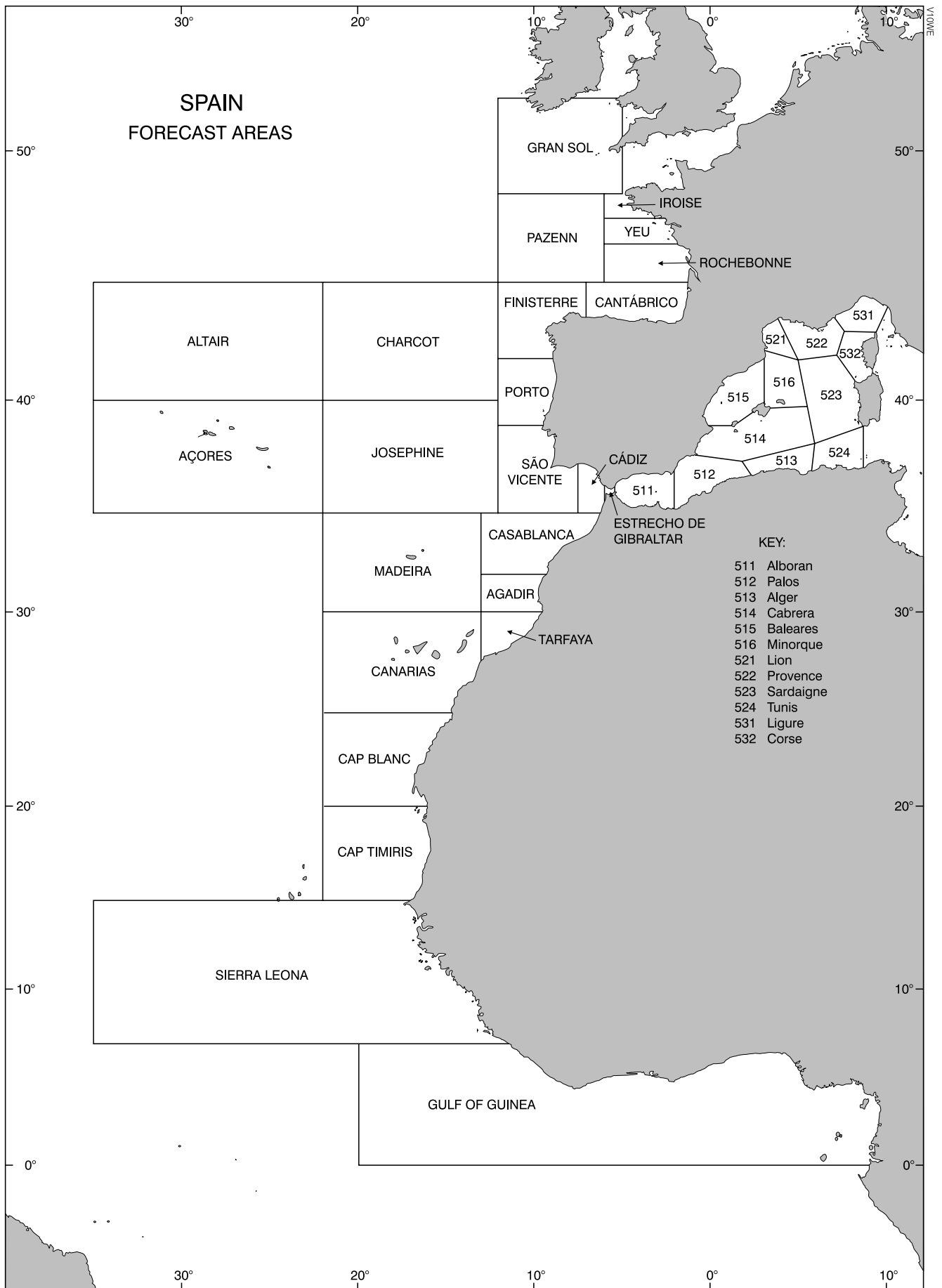
VI
Figure SN-2



VI

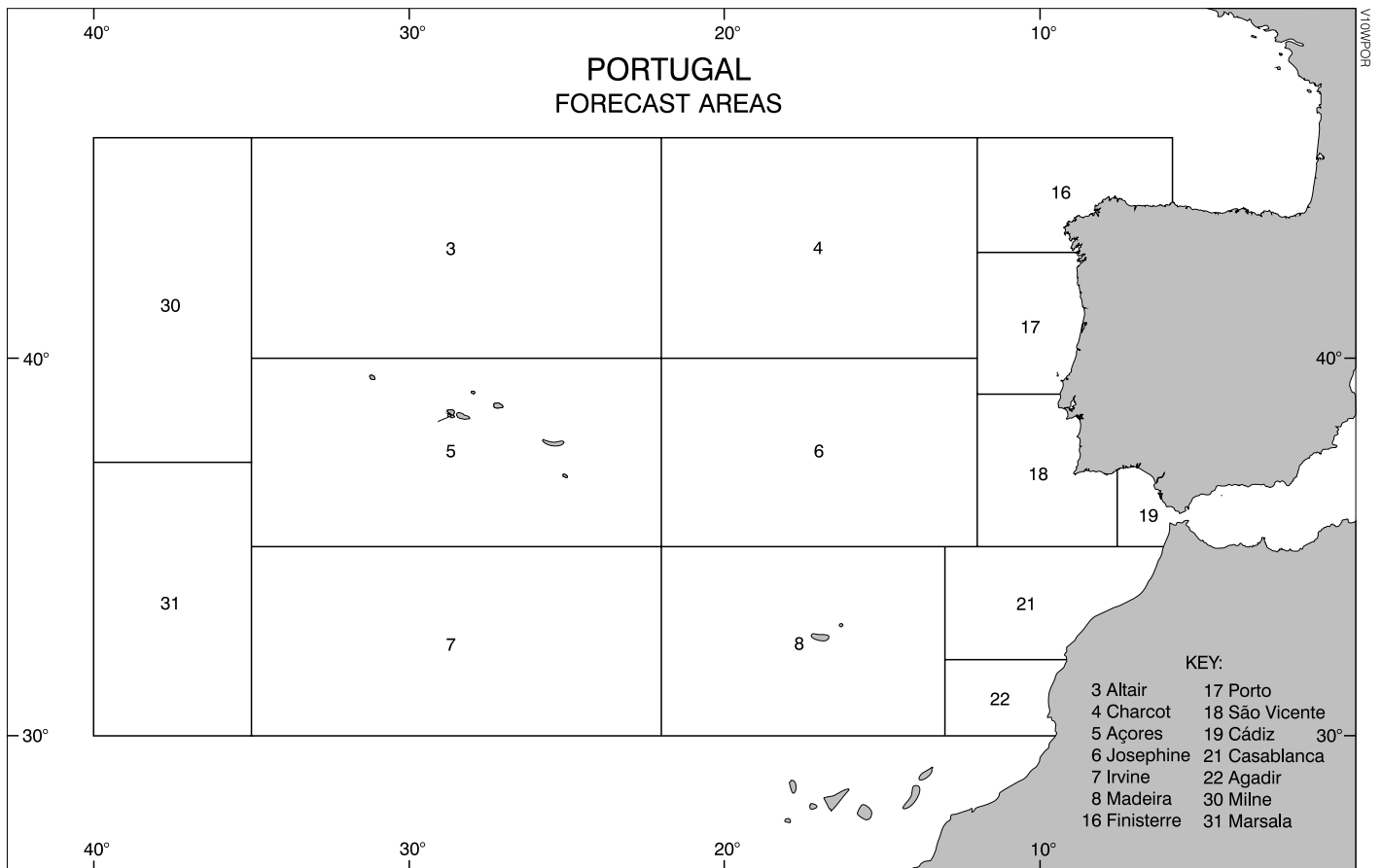


VI





VI



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