



# ADMIRALTY NOTICES TO MARINERS

## Weekly Edition 12

25 March 2021

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For information on how to update your ADMIRALTY products using ADMIRALTY Notices to Mariners, please refer to NP294 How to Keep Your ADMIRALTY Products Up-to-Date.

Mariners are requested to inform the UKHO immediately of the discovery of new or suspected dangers to navigation, observed changes to navigational aids and of shortcomings in both paper and digital ADMIRALTY Charts or Publications.

The H-Note App helps you to send H-Notes to the UKHO, using your device's camera, GPS and email. It is available for free download on Google Play and on the App Store.

The Hydrographic Note Form (H102) should be used to forward this information and to report any ENC display issues.

H102A should be used for reporting changes to Port Information.

H102B should be used for reporting GPS/Chart Datum observations.

Copies of these forms can be found at the back of this bulletin and on the UKHO website.

The following communication facilities are available:

NMs on ADMIRALTY website:	Web: <a href="https://www.admiralty.co.uk/msi">admiralty.co.uk/msi</a>
Searchable Notices to Mariners:	Web: <a href="https://www.ukho.gov.uk/nmwebsearch">www.ukho.gov.uk/nmwebsearch</a>
Urgent navigational information:	e-mail: <a href="mailto:navwarnings@ukho.gov.uk">navwarnings@ukho.gov.uk</a> Phone: +44(0)1823 353448 +44(0)7989 398345 Fax: +44(0)1823 322352
H102 forms (see back pages of this Weekly Edition)	e-mail: <a href="mailto:sdr@ukho.gov.uk">sdr@ukho.gov.uk</a> Post: UKHO, Admiralty Way, Taunton, Somerset, TA1 2DN, UK
All other enquiries/information	e-mail: <a href="mailto:customerservices@ukho.gov.uk">customerservices@ukho.gov.uk</a> Phone: +44(0)1823 484444 (24/7)

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# I

## **GUIDANCE NOTES FOR THE USE OF ADMIRALTY NOTICES TO MARINERS ON THE UKHO WEBSITE**

The Weekly Notices to Mariners (NM) updates for paper Charts and Publications can be accessed via [admiralty.co.uk/msi](http://admiralty.co.uk/msi) or the searchable NM Website [www.ukho.gov.uk/nmwebsearch](http://www.ukho.gov.uk/nmwebsearch). The latest digital NM Weekly update is available 10 days prior to the paper publication date; there are no subscription fees for access to the UKHO Notices to Mariners Website.

**NB:** The NM database includes historical NM data from 1 January 2000, for NMs prior to 2000 the Cumulative List of Notices to Mariners (NP234B-00) must be used.

### **Software required:**

Adobe Acrobat Reader (Version 6.0 or later). Reader software can be obtained direct from the Adobe website ([www.adobe.com](http://www.adobe.com)).

### **SEARCHABLE NOTICES TO MARINERS**

Enter the [www.ukho.gov.uk/nmwebsearch](http://www.ukho.gov.uk/nmwebsearch) website and select the search option that you require following the on screen instructions:

- Search NMs by - Chart Number only
- Search NMs by - Chart Number + Previous NM Number/Year
- Search NMs by - Chart Number + Between Previous and Present Dates
- Search for Single NM by NM Number/Year

To view the NM, NM Note or full-colour NM Blocks, click on the relevant link.

### **NOTICES TO MARINERS ON-LINE**

Enter the [admiralty.co.uk/msi](http://admiralty.co.uk/msi) website, and then select Notices to Mariners. This will give you access to the following range of Notice to Mariners services:

- *ADMIRALTY NM Web Search*
- *Weekly NMs*
- *NM Block, Notes and Diagrams*
- *Annual NMs*
- *Cumulative NM List*

### **FURTHER GUIDANCE NOTES**

For further details of the online NM facilities please see the NM Guidance Notes on the website, additional detail includes:

- File content and description
- PC and printer specifications

### **CUSTOMER SERVICE**

If you experience any difficulties, please contact the UKHO Customer Services Team in the UK on:

Tel: +44 (0) 1823 484444 (office hours Monday-Friday 6am-10pm GMT and an on call service for emergency permits operated 24/7)

Email: [customerservices@ukho.gov.uk](mailto:customerservices@ukho.gov.uk)

Our Singapore team can also be contacted outside of UK hours on:

Tel: +65 6424 4200

# ADMIRALTY NOTICES TO MARINERS

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This ADMIRALTY Notices to Mariners Bulletin (ANMB) is published by the UK Hydrographic Office (UKHO). The UK Maritime and Coastguard Agency accepts that both the paper and digital forms of the ANMB comply with carriage requirement for Notices to Mariners within Regulation 19.2.1.4 of the revised Chapter V of the Safety of Life at Sea Convention, and the Merchant Shipping (Safety of Navigation) Regulations, both of which came into force 1 July 2002.

While every effort is made to ensure that the data provided through the Notices to Mariners service is accurate, the user needs to be aware of the risks of corruption to data. It is important that the user should only use the data on suitable equipment and that other applications should not be running on the user's machine at the same time. Users should exercise their professional judgement in the use of data and also consult the Mariners' Handbook (NP100) for further details.

The user needs to be aware that there is a possibility that data could be corrupted during transmission, or in the process of display or printing on the user's equipment, or if converted to other software formats, and is accordingly advised that the UKHO cannot accept responsibility for any such change, or any modifications or unauthorised changes, made by licensees, or other parties.

## Planning for the future

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# I

## EXPLANATORY NOTES

### Dating

Weekly Notices are dated for the Thursday appropriate to the week that the printed version is despatched from the UKHO. They are available earlier from the UKHO website.

### Section I - Publications List

At the beginning of the Publications List is an index of ADMIRALTY Charts affected by the Publications List. Thereafter there are a number of standard lists which contain details and announcements concerning charts and publications relevant for the particular Weekly Notice. Full details of how to use the various lists contained in Section I are available in **NP294**.

Special Announcements and Errata are occasionally included at the end of this Section.

### Section IA - Temporary and Preliminary (T&P) Notices

A list of T&P Notices in force (along with a list of those cancelled during the previous month), is included in the Weekly NM each month (see below).

### Section IB - Current Nautical Publications

Information about Publications including the current edition numbers is included in the Weekly NM at the end of March, June, September and December.

### Section II - Updates to Standard Nautical Charts

The notices in Section II give instructions for the updating of standard nautical charts and selected thematic charts in the ADMIRALTY series. Geographical **positions** refer to the horizontal **datum** of the current edition of each affected chart which is stated in the notice alongside the appropriate chart number. 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 **Leisure Products** are referred to different horizontal datums from the standard nautical charts for that geographical area, positions in the notices cannot be plotted directly on these products. Bearings are true reckoned clockwise from 000° to 359°; those relating to lights are from seaward. Symbols referred to are those shown in NP5011. Depths and heights are given in metres or fathoms and/or feet as appropriate for the chart being updated (abbreviated where necessary to m, fm and ft respectively). Blocks and notes accompanying notices in Section II are placed towards the end of the section.

**T&P Notices.** These are indicated by (T) or (P) after the notice number and are placed at the end of Section II. They are printed on one side of the paper in order that they may be cut up and filed. 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. Associated diagrams are reproduced with Blocks at the end of Section II.

**Original Information.** A star (\*) adjacent to the number of a notice indicates that the notice is based on original information.

### Section III - Navigational Warnings

NAVAREA I Navigational Warnings in force at the specified time quoted in the header are reprinted in Section III. It is recommended that this reprint should be kept in a file or book, followed by subsequent weekly reprints. Only the most convenient ADMIRALTY Chart is quoted. The full text of all Warnings in force is included in Weeks 1, 13, 26 and 39 each year.

### Section IV - Sailing Directions

Updates to all Sailing Directions are given in Section IV of *ADMIRALTY Notices to Mariners*. Those in force at the end of the year are reprinted in NP247(2) *Annual Summary of ADMIRALTY Notices to Mariners Part 2*. A list of updates in force is published in Section IV of the Weekly Edition quarterly. Full details of how to keep Sailing Directions up-to-date can be found in NP294 *How to Keep Your ADMIRALTY Products Up-to-Date*.

In 2018, the UKHO began the process of removing AIS and Racon information from ADMIRALTY Sailing Directions, as this is held in greater detail within ADMIRALTY Radio Signals publications. During this transition, AIS and Racon information will be removed from new editions of each Sailing Direction volume, and AIS and Racon information present in existing Sailing Direction volumes will no longer be updated. For accurate, up-to-date information on AIS and Racons, refer to ADMIRALTY Radio Signals publications.

### Section V - Lights

Updates to all the List of Lights are given in Section V and may be published in an earlier edition than the chart-updating notice. The entire entry for each light updated will be printed (including minor changes) and an asterisk (\*) will denote which column contains a change. In the case of a new light, or where a new sequence is added below the main light, an asterisk (\*) will appear under **all** columns. All Section V entries are intended to be cut out and pasted into the appropriate volume. 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 updates to the List of Lights. Light positions should be regarded as approximate and are intended to indicate the relative positions of lights only. Charts should be consulted for a more authoritative position. When a light is affected by a separate chart-updating notice, its Light List number is always included in the relevant text contained in Section II. The range of a light is normally the nominal range, except when the responsible authority quotes luminous or geographical range - see special remarks for ranges used by each country.

**Section VI - Radio Signals**

Updates to all the Radio Signals are given in Section VI. When a chart-updating notice is issued for information that is also included within the Radio Signals, the appropriate volume reference number is quoted, followed in parentheses by the number of the Weekly Edition containing (in Section VI) the corresponding update to the service details. The updates in Section VI should be cut out and pasted into the appropriate volumes.

**Section VII - Miscellaneous Publications**

Updates to the following selected miscellaneous Nautical Publications are contained in Section VII.

<b>NP100</b>	The Mariner's Handbook
<b>NP133A</b>	Paper Chart Maintenance Record
<b>NP133C</b>	ENC Maintenance Record
<b>NP231</b>	ADMIRALTY Guide to the Practical Use of ENCs
<b>NP232</b>	ADMIRALTY Guide to Implementation, Policy and Procedures
<b>NP294</b>	How to Keep your ADMIRALTY Products Up-to-date
<b>NP136(1)</b>	ADMIRALTY Ocean Passages for the World – Atlantic Ocean
<b>NP136(2)</b>	ADMIRALTY Ocean Passages for the World – Indian and Pacific Oceans
<b>NP350(1)</b>	ADMIRALTY Distance Tables – Atlantic Ocean
<b>NP350(3)</b>	ADMIRALTY Distance Tables – Pacific Ocean
<b>NP350(2)</b>	ADMIRALTY Distance Tables – Indian Ocean
<b>NP735</b>	IALA Maritime Buoyage System
<b>NP5011</b>	Symbols and Abbreviations used on ADMIRALTY Paper Charts
<b>NP5012</b>	ADMIRALTY Guide to ENC Symbols used in ECDIS

**All Tides Publications**

**Nautical Almanac Publications**, including Sight Reduction Tables.

**Section VIII – ADMIRALTY Digital Services**

Information relevant to ADMIRALTY Digital Services.

**Further Guidance**

The Mariner's Handbook (**NP100**) gives a fuller explanation of the limitations of charts and details of the UKHO policy for the promulgation and selection of navigationally significant information for charts. Details of chart updating methods can be found in "How to Keep Your ADMIRALTY Products Up-to-date" (**NP294**). All users are advised to study these publications.

**CAUTIONARY NOTES****Updating**

Updating information is published by Weekly Notices to Mariners supplemented by navigational 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.

**Laws and Regulations**

While, in the interests of the safety of shipping, the UKHO 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 within nautical 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 aids to navigation.

**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 updated first. When extensive new information (such as a new hydrographic survey) is received, some months may 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.

**Satellite-Derived Positions and Chart Accuracy**

Mariners must not assume that charts which are referred to WGS84 Datum, or those for which shifts to WGS84 Datum are provided, have been surveyed to modern standards of accuracy. On some charts, owing to the age and quality of the source information, some of the charted detail may not be positioned accurately. In such cases mariners are advised to exercise particular caution when navigating in the vicinity of dangers, even when using an electronic positioning system such as GPS. For further details, see The Mariner's Handbook (**NP100**). This applies to both paper and digital (ADMIRALTY Raster Chart Service and ENC) versions of charts.

# I

[12/21]

## ADMIRALTY Charts affected by the Publication List

ADMIRALTY Charts	ADMIRALTY Charts	ADMIRALTY Publications
26	3497	NP 131
208	4654	NP 136(1)
343	4657	e-NP 136(1)
431	AUS 24	NP 136(2)
432	AUS 27	e-NP 136(2)
1175	AUS 28	
1188	AUS 152	Erratum
1270	Q 6110	
1274	SC 5600	e-NP 63
1275		
1368	International Charts	
1378		
1479	INT 654	
1490	INT 657	
1557	INT 1466	
2214	INT 1553	
2230	INT 1554	
2232	INT 1565	
2236	INT 1724	
2237	INT 1848	
2238	INT 5363	
2283	INT 12991	
2452		
3496		

### UPDATE ON THE EFFECTS OF COVID-19 ON THE DELIVERY OF NAUTICAL PUBLICATIONS

As a result of ongoing effects of COVID-19 on distribution infrastructure around the world, for safety reasons, we took the decision a few months ago to delay the publication of any non-essential ADMIRALTY Nautical Publications until further notice.

We started to ease the restrictions on the dispatch of some of our paper publications for July 2020.

We are continuing this effort and following some positive feedback on successful receipts of publications, we are now in a position to confirm the publications schedule for the rest of the year.

As previously, we will continue to closely monitor our distribution network capacities.

We reserve ourselves the right to amend this publications schedule accordingly should significant dispatch issues start arising again.

© denotes chart available in the ADMIRALTY Raster Chart Service series.

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## ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

### NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

#### New Editions of ADMIRALTY Charts published 25 March 2021

Chart	Title, limits and other remarks	Scale	Folio	2021 Catalogue page
⊙26 INT 1724	International Chart Series, England - South Coast, Harbours on the South Coast of Devon. Ⓐ Tor Bay. Ⓑ Brixham Harbour. Ⓒ Teignmouth Harbour. Ⓓ Torquay Harbour.	1:12,500 1:7,500 1:7,500 1:4,000	1	22
	<i>Includes significant safety-related information as follows: changes to depths and anchorage areas.</i>			
	<i>Note: On publication of this New Edition former Notice 437(P)/21 is cancelled. This chart remains affected by Notice 2917(T)/20.</i>			
⊙208 INT 1466	International Chart Series, Netherlands, Rotterdam Nieuwe Maas and Oude Maas.	1:20,000	9	24
	<i>Includes changes to depths, buoyage, beacons and turning circles. (Published jointly by the UKHO and by the Hydrographer of the Royal Netherlands Navy.)</i>			
	<i>Note: This chart remains affected by Notices 1516(P)/19 and 2606(T)/20.</i>			
⊙343	China - South Coast, Zhujiang Kou.	1:75,000	47	78
	<i>Includes significant safety-related information as follows: changes to buoyage.</i>			
	<i>Note: On publication of this New Edition former Notice 897(P)/21 is cancelled. This chart remains affected by Notices 1948(P)/19, 5381(T)/19, 155(T)/21 and 356(P)/21.</i>			
⊙1175 INT 1848	International Chart Series, France - West Coast, Port de Bayonne and Approaches Including L'Adour. Ⓐ Continuation of L'Adour.	1:10,000 1:10,000	17	40
	<i>Includes significant safety-related information as follows: Changes to restricted and regulated areas. (A modified reproduction of INT1848 published by France.)</i>			
	<i>Note: On publication of this New Edition former Notice 788(P)/21 is cancelled.</i>			
⊙1188 INT 1553	International Chart Series, England - East Coast, River Humber, Spurn Head to Immingham. Grimsby.	1:25,000 1:10,000	7	26
	<i>Includes changes to depths from the latest ABP Humber Surveys.</i>			

⊙ denotes chart available in the ADMIRALTY Raster Chart Service series.

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## ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

### NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

#### New Editions of ADMIRALTY Charts published 25 March 2021 (continued)

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Folio</i>	<i>2021 Catalogue page</i>
©1479	Scotland - East Coast, River Tay, Dundee to Perth. Perth.	1:25,000 1:25,000	6	28
	<i>Includes new pontoons and lights and changes to depths from the latest port authority surveys.</i>			
	<i>Note: On publication of this New Edition former Notice 503(P)/21 is cancelled.</i>			
©1557	South China Sea, Gaolan Liedao, Zhuhai Gang Gaolan Gangqu.	1:20,000	47	78
	<i>Includes significant safety-related information as follows: changes to depths.</i>			
	<i>Note: On publication of this New Edition former Notice 954(P)/21 is cancelled.</i>			
©2452 INT 12991	International Chart Series, Baltic Sea – Poland, Szczecin. 53° 24'·00 N. — 53° 28'·00 N., 14° 33'·00 E. — 14° 38'·10 E. Ⓐ Continuation of Szczecin. 53° 27'·65 N. — 53° 30'·15 N., 14° 35'·80 E. — 14° 37'·70 E.	1:10,000  1:10,000	10	34
	<i>Includes changes to depths and obstructions. The limits of the chart and panel Ⓐ have been changed. (A modified reproduction of INT12991 published by Poland.)</i>			
	<i>Note: On publication of this New Edition former Notice 1257(P)/21 is cancelled. This chart remains affected by Notices 5645(T)/20 and 83(T)/21.</i>			
©3496 INT 1565	International Chart Series, England - East Coast, River Humber, Immingham and Hull. Ⓐ Hull Docks, Eastern Part. Ⓑ Hull Docks, Western Part. Ⓒ Immingham Oil Terminal to Humber Sea Terminal.	  1:10,000 1:10,000 1:10,000	7	26
	<i>Includes changes to depths from the latest ABP Humber Surveys.</i>			
	<i>Add Note: This chart remains affected by Notices 2532(T)/20 and 3350(T)/20.</i>			

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© denotes chart available in the ADMIRALTY Raster Chart Service series.



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## ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

### NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

#### New Editions of ADMIRALTY Charts published 25 March 2021 (continued)

Chart	Title, limits and other remarks	Scale	Folio	2021 Catalogue page
©3497 INT 1554	International Chart Series, England - East Coast, River Humber, Immingham to Humber Bridge and the Rivers Ouse and Trent. (A) Humber Bridge to Whitton Ness. (B) Whitton Ness to Goole and Keadby. (C) Keadby to Gainsborough. (D) Goole.	1:25,000  1:50,000 1:50,000 1:100,000 1:5,000	7	26
	<i>Includes changes to depths from the latest ABP Humber Surveys.</i>			
	<i>Add Note: This chart remains affected by Notices 2532(T)/20.</i>			
©4654 INT 654	International Chart Series, South Pacific Ocean, Tahiti to Îles Marquises.	1:1,500,000	73	104
	<i>Includes changes to depths, cables and lines of equal magnetic variation for 2020. (A modified reproduction of INT654 published by France.)</i>			
©4657 INT 657	International Chart Series, South Pacific Ocean, Southern Cook Islands to Îles de la Société and Îles Australes.	1:1,500,000	73	104
	<i>Includes changes to depths, cables and lines of equal magnetic variation for 2020. (A modified reproduction of INT657 published by France.)</i>			
Q6110	Maritime Security Chart, Mediterranean Sea. (A) Mediterranean and Black Seas, including Entrance to the Gulf of Suez. (B) Strait of Gibraltar.	 1:4,700,000 1:465,000	-	143
	<i>Includes latest information on Operation Sea Guardian and the Mediterranean Voluntary Reporting Scheme (MVRS) and updates to safety and security information. Panel (B), Approaches to Suez, has been removed without replacement.</i>			

© denotes chart available in the ADMIRALTY Raster Chart Service series.

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## ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

### NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

#### ADMIRALTY Leisure Folio published 25 March 2021

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>2021 Catalogue page</i>
SC5600 19th Edition	The Solent and Approaches.	-	156
5600.1	Outer Approaches to the Solent.	1:150,000	
5600.2	Western Solent and Approaches.	1:75,000	
5600.3	Eastern Solent and Approaches.	1:75,000	
5600.4	Ⓐ Lymington River.	1:5,000	
	Ⓑ Continuation of Lymington River.	1:5,000	
	Ⓒ Isle of Wight, Yarmouth Harbour.	1:3,000	
	Ⓓ Isle of Wight, River Yar.	1:12,500	
5600.5	Needles Channel.	1:25,000	
5600.6	Ⓐ Beaulieu River.	1:10,000	
	Ⓑ Continuation of Beaulieu River.	1:10,000	
	Ⓒ Isle of Wight, Newtown River.	1:12,500	
	Ⓓ Isle of Wight, Continuation of Newtown River.	1:12,500	
5600.7	Yarmouth to Beaulieu River.	1:25,000	
5600.8	Ⓐ Entrance to River Hamble.	1:5,000	
	Ⓑ Warsash to Satchell Marsh.	1:5,000	
	Ⓒ Mercury Yacht Harbour to Bursledon Bridge.	1:5,000	
	Ⓓ Bursledon Bridge.	1:5,000	
5600.9	Ⓐ River Hamble to Cowes.	1:25,000	
	Ⓑ Continuation to Hythe.	1:25,000	
5600.10	Ⓐ River Itchen.	1:10,000	
	Ⓑ Ashlett Creek.	1:10,000	
5600.11	River Test.	1:10,000	
5600.12	Ⓐ Entrance to Portsmouth Harbour.	1:7,500	
	Ⓑ Continuation of Forton Lake.	1:7,500	
	Ⓒ Continuation of Stoke Lake.	1:7,500	
5600.13	Spithead.	1:25,000	
5600.14	Ⓐ Portsmouth Harbour, Approaches to Fareham Lake.	1:7,500	
	Ⓑ Continuation of Fareham Lake.	1:7,500	
5600.15	Portsmouth Harbour, Approaches to Port Solent.	1:7,500	
5600.16	Ⓐ Langstone Harbour.	1:20,000	
	Ⓑ Upper Reaches of Langstone Harbour.	1:20,000	
	Ⓒ Chichester Harbour, Bosham and Fishbourne Channels.	1:20,000	
5600.17	Approaches to Langstone and Chichester Harbours.	1:25,000	
5600.18	Harbours, Creeks and Anchorages in the Solent.	-	
	Ⓐ Isle of Wight, Alum Bay.	1:12,500	
	Ⓑ River Hamble, Bursledon to Botley.	1:25,000	
	Ⓒ Isle of Wight, Wootten Creek.	1:10,000	
	Ⓓ Hillhead Harbour.	1:3,000	
	Ⓔ Keyhaven.	1:7,500	
	Ⓕ Isle of Wight, Bembridge Harbour.	1:5,000	

Ⓒ denotes chart available in the ADMIRALTY Raster Chart Service series.

# I

## ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

### NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

#### ADMIRALTY Leisure Folio published 25 March 2021 (continued)

<i>Chart</i>	<i>Title and other remarks</i>	<i>Scale</i>	<i>2021 Catalogue page</i>
SC5600 19th Edition	The Solent and Approaches. (continued)	-	156
	5600.19 Eastern Approaches to the Solent.	1:25,000	
	5600.20 Chichester Harbour.	1:20,000	
	5600.21 Cowes Harbour.	1:3,500	
	5600.22 Ⓐ River Medina.	1:3,500	
	Ⓑ Continuation of River Medina.	1:3,500	
	Ⓒ River Medina, Folly Point to Newport.	1:10,000	

*A new edition of Leisure Chart Folio SC5600. All sheets have been fully updated for New Edition and Notices to Mariners affecting source charts.*

#### ADMIRALTY Publications

<i>NP No.</i>	<i>Title and other remarks</i>	<i>Date</i>	<i>Remarks</i>
NP136(1) & e-NP136(1)	ADMIRALTY Ocean Passages for the World Atlantic Ocean Volume 1 2 <sup>nd</sup> Edition  ISBN No: 978-0-70-774-6227	25/03/2021	NP136(1) Ed.1 (2016) is cancelled.
NP136(2) & e-NP136(2)	ADMIRALTY Ocean Passages for the World Indian and Pacific Oceans Volume 2  ISBN No: 978-0-70-774-6234	25/03/2021	NP136(2) Ed.1 (2016) is cancelled.

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Ⓒ denotes chart available in the ADMIRALTY Raster Chart Service series.

# I

## ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

### ADMIRALTY CHARTS TO BE PUBLISHED 08 APRIL 2021

#### New Editions of ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be <b>WITHDRAWN</b>	Folio	2021 Catalogue page
431	Brazil - Southern Coast, Porto de Sepetiba and Approaches. Continuation to CSA Terminal.	1:20,000 1:20,000	⊙431	95	118
	<i>Includes significant safety-related information as follows: a new restricted area and changes to depths and dredged areas.</i>				
432	Brazil - South Coast, Approaches to Terminal Da Ilha Guaíba. Terminal Da Ilha Guaíba.	1:50,000 1:20,000	⊙432	95	118
	<i>Contains significant safety-related information as follows: removal of dredged area limits and changes to depths.</i>				
1270 INT 5363	International Chat Series, Korea - West Coast, Ando to Incheon Hang. Yeongheung Sudo.	1:75,000 1:20,000	⊙1270 INT 5363	52	82
	<i>Includes significant safety-related information as follows: changes to depths, wrecks, obstructions, buoyage, lights and coastline.</i>				
1274	Black Sea – Turkey, Samsun and Fatsa with Approaches. Ⓐ Samsun. Ⓑ Approaches to Samsun. Ⓒ Approaches to Fatsa.	1:12,500 1:100,000 1:100,000	⊙1274	31	46
	<i>Includes changes to depths, lights, anchorage areas and coastline. Panel Ⓒ, Fatsa, has been removed without replacement.</i>				
1275	Black Sea – Turkey, Ereğli to Amasra. Ⓐ Amasra. Ⓑ Bartın Limani. Ⓒ Zonguldak. Ⓓ Ereğli.	1:125,000 1:25,000 1:12,500 1:12,500 1:25,000	⊙1275	31	46
	<i>Includes new spoil grounds and changes to depths, wrecks, restricted areas and firing practice areas.</i>				
2214	Black Sea including Marmara Denizi and Sea of Azov.	1:1,200,000	⊙2214	31	18, 20, 46
	<i>Includes general updating throughout.</i>				
2230	Black Sea, Constanța to Kefken Adası.	1:400,000	⊙2230	31	46, 48
	<i>Includes general updating throughout.</i>				
2232	Black Sea - Romania and Ukraine, Constanța to Yalta.	1:500,000	⊙2232	31	46
	<i>Includes general updating throughout.</i>				

⊙ denotes chart available in the ADMIRALTY Raster Chart Service series.

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## ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

### ADMIRALTY CHARTS TO BE PUBLISHED 08 APRIL 2021

#### New Editions of ADMIRALTY Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be <b>WITHDRAWN</b>	Folio	2021 Catalogue page
2236	Black Sea, Turkey, Georgia and Russia, Tirebolu to Tuapse.  <i>Includes general updating throughout.</i>	1:400,000	⊙2236	31	46
2237	Black Sea, Turkey, İnceburun to Işikli Burnu.  <i>Includes changes to depths and limits of larger scale charts.</i>	1:400,000	⊙2237	31	46
2238	Black Sea – Turkey, Kefken Adasi to İnceburun.  <i>Includes a new submarine cable and spoil grounds and changes to depths, wrecks and restricted areas.</i>	1:400,000	⊙2238	31	46, 48
2283	Black Sea – Bulgaria, Maslen Nos to Nos Kaliakra.  <i>Includes general updating throughout.</i>	1:125,000	⊙2283	31	45

### ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

#### ADMIRALTY Charts

Chart to be <b>WITHDRAWN</b>	Main Title	On publication of New Chart/New Edition
26 INT 1724	International Chart Series, England - South Coast, Harbours on the South Coast of Devon.	⊙26 INT 1724
208 INT 1466	International Chart Series, Netherlands, Rotterdam, Nieuwe Maas and Oude Maas.	⊙208 INT 1466
343	China - South Coast, Zhujiang Kou.	⊙343
1175 INT 1848	International Chart Series, France - West Coast, Port de Bayonne and Approaches Including L'Adour.	⊙1175 INT 1848
1188 INT 1553	International Chart Series, England - East Coast, River Humber, Spurn Head to Immingham.	⊙1188 INT 1553

⊙ denotes chart available in the ADMIRALTY Raster Chart Service series.

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## ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

### ADMIRALTY Charts (continued)

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>On publication of New Chart/New Edition</i>
1479	Scotland - East Coast, River Tay, Dundee to Perth.	⊙1479
1557	South China Sea, Gaolan Liedao, Zhuhai Gang Gaolan Gangqu.	⊙1557
2452 INT 12991	International Chart Series, Baltic Sea – Poland, Szczecin.	⊙2452 INT 12991
3496 INT 1565	International Chart Series, England - East Coast, River Humber, Immingham and Hull.	⊙3496 INT 1565
3497 INT 1554	International Chart Series, England - East Coast, River Humber, Immingham to Humber Bridge and the Rivers Ouse and Trent.	⊙3497 INT 1554
4654 INT 654	International Chart Series - South Pacific Ocean, Tahiti to Iles Marquises.	⊙4654 INT 654
4657 INT 657	International Chart Series - South Pacific Ocean, Southern Cook Islands to Îles de la Société and Îles Australes.	⊙4657 INT 657
Q6110	Maritime Security Chart, Mediterranean Sea.	Q6110
SC5600 19 <sup>th</sup> Edition	The Solent and Approaches.	SC5600 18 <sup>th</sup> Edition

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## ADMIRALTY CHARTS INDEPENDENTLY WITHDRAWN

### ADMIRALTY Charts

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>Date of withdrawal</i>
⊙1368	United States – Hawaii, Island of Oahu, Honolulu Harbor.	25 March 2021
⊙1378	United States – Hawaii, Southern Part of Oahu.	25 March 2021
⊙1490	North Pacific Ocean, Harbours in the Hawaiian Islands.	25 March 2021
⊙AUS24	Australia – North Coast, Northern Territory, Port Darwin, Wickham Point.	25 March 2021

*Note:* On withdrawal of this chart former Notice 1114(T)/21 is cancelled. This chart is to be deleted from the list of charts affected by Notices 5705(T)/20, 6210(T)/20 and 1115(T)/21.

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⊙ denotes chart available in the ADMIRALTY Raster Chart Service series.

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## ADMIRALTY CHARTS INDEPENDENTLY WITHDRAWN

### ADMIRALTY Charts (continued)

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>Date of withdrawal</i>
⊙AUS27	Australia – North Coast, Northern Territory, Port Darwin, Middle Arm including Channel Island.	25 March 2021
⊙AUS28	Australia – North Coast, Northern Territory, Port Darwin, East Arm.	25 March 2021
	<i>Note:</i> This chart is to be deleted from the list of charts affected by Notices 2533(T)/19, 5501(T)/20, 6210(T)/20 and 1115(T)/21.	
⊙AUS152	Australia – South Coast, Victoria, Plans in Western Port.	25 March 2021
	<i>Note:</i> This chart is to be deleted from the list of charts affected by Notice 5154(T)/19.	

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⊙ denotes chart available in the ADMIRALTY Raster Chart Service series.

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## ADMIRALTY CHART AGENT / DISTRIBUTOR INFORMATION

### NP131 - Catalogue of ADMIRALTY Charts (NP131), 2021 Edition

Amendments to Part 1, ADMIRALTY Authorised Chart Agents / Distributors

Page 5, Distributor Section,

Amend:

Lloyds Register Voyage AS
Elganeveien 1 Egersund 4373
T: +47 5146 4700
<a href="mailto:license.marine@c-map.com">license.marine@c-map.com</a>
<a href="http://www.commercialmarine.c-map.com">www.commercialmarine.c-map.com</a>
Digital

This is an amendment to a current listing.

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## ERRATUM

### Section I, NM Weekly 10/21

#### Additional ADMIRALTY Publication now published and available

##### New Edition

<i>NP No.</i>	<i>Title and other remarks</i>	<i>Date</i>	<i>Remarks</i>
e-NP63	ADMIRALTY Sailing Directions. Persian Gulf Pilot Nineteenth Edition 2021  ISBN No: 978-0-70-774-5855	11/03/2021	Updated to NM Week 49/20 (03/12/20) First updates in NM week 10/21. NP63 (2018) is cancelled.

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© denotes chart available in the ADMIRALTY Raster Chart Service series.



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## II

### 1224\* ENGLAND - South Coast - Buoyage.

Source: Queen's Harbour Master, Portsmouth

#### Chart 2037 (INT 1731) [ previous update 768/21 ] ETRS89 DATUM

Amend *Dean Tail* light-buoy to, *Q.G* 50° 42'·98N., 0° 59'·17W.  
*Nab End* light-buoy to, *Q.R Whis* 50° 42'·63N., 0° 59'·49W.

#### Chart 2045 [ previous update 768/21 ] ETRS89 DATUM

Amend light-buoy to, *Q.G* 50° 42'·98N., 0° 59'·17W.  
light-buoy to, *Q.R Whis* 50° 42'·63N., 0° 59'·49W.

### 1233\* SCOTLAND - West Coast - Legends.

Source: Irish Maritime Administration and Loughs Agency

#### Chart 1770 [ previous update 6666/19 ] ETRS89 DATUM

Insert legend, *Scientific Instruments*, orientated SW/NE, centred on: 55° 34'·48N., 6° 55'·99W.  
55° 38'·84N., 6° 36'·55W.

#### Chart 2168 [ previous update 1268/20 ] ETRS89 DATUM

Insert legend, *Scientific Instruments*, orientated SW/NE, centred on: 55° 39'·09N., 6° 36'·15W.

#### Chart 2723 (INT 1605) [ previous update 6666/19 ] ETRS89 DATUM

Insert legend, *Scientific Instruments*, orientated SW/NE, centred on: 55° 30'·16N., 7° 06'·21W.  
55° 38'·94N., 6° 35'·00W.

#### Chart 2724 (INT 1606) [ previous update 5591/20 ] ETRS89 DATUM

Insert legend, *Scientific Instruments*, orientated SW/NE, centred on: 55° 39'·17N., 6° 34'·52W.

#### Chart 2798 [ previous update 4158/20 ] ETRS89 DATUM

Insert legend, *Scientific Instruments*, orientated SW/NE, centred on: 55° 35'·05N., 6° 54'·00W.

#### Chart 2811 [ previous update 4379/19 ] ETRS89 DATUM

Insert legend, *Scientific Instruments*, orientated SW/NE, centred on: 55° 23'·89N., 7° 17'·29W.  
55° 29'·08N., 7° 07'·04W.  
55° 35'·38N., 6° 53'·17W.

## II

### 1238\* IRELAND - South West Coast - Depths.

Source: Geological Survey Ireland

#### Chart 2789 (Panel B, Smerwick Harbour) [ *previous update 1052/21* ] ETRS89 DATUM

Insert	depth, 4 <sub>7</sub> , enclosed by 5m contour	52° 12′.81N., 10° 22′.50W.
	depth, 24 <sub>5</sub> , and extend 30m contour N to enclose	52° 12′.67N., 10° 23′.41W.
	depth, 18, and extend 20m contour W to enclose	(a) 52° 12′.54N., 10° 23′.08W.
Delete	depth, 27, close N of:	(a) above
Insert	depth, 5 <sub>1</sub> , and extend 10m contour W to enclose	(b) 52° 12′.31N., 10° 22′.34W.
Delete	depth, 15 <sub>2</sub> , close NE of:	(b) above
Insert	depth, 4 <sub>3</sub> , enclosed by 5m contour	(c) 52° 12′.17N., 10° 22′.43W.
Delete	depth, 10 <sub>7</sub> , close S of:	(c) above
Insert	depth, 0 <sub>7</sub> , and extend 2m contour W to enclose	52° 11′.39N., 10° 22′.79W.
	depth, 4 <sub>3</sub> , enclosed by 5m contour	52° 11′.37N., 10° 22′.93W.
	depth, 4 <sub>5</sub> , enclosed by 5m contour	(d) 52° 11′.03N., 10° 23′.06W.
Delete	depth, 8 <sub>8</sub> , close SW of:	(d) above
Insert	depth, 0 <sub>7</sub> , enclosed by 2m contour	(e) 52° 11′.00N., 10° 23′.22W.
Delete	depth, 3 <sub>4</sub> , close SE of:	(e) above
Replace	depth, 7, with depth, 2 <sub>8</sub> , and extend 5m contour NW to enclose	52° 11′.47N., 10° 22′.84W.

#### Chart 2789 [ *previous update 1052/21* ] ETRS89 DATUM

Insert	depth, 4 <sub>7</sub> , and extend 5m contour S to enclose	52° 12′.81N., 10° 22′.50W.
	depth, 24 <sub>5</sub> , and extend 30m contour N to enclose	52° 12′.67N., 10° 23′.41W.
	depth, 18, and extend 20m contour W to enclose	(a) 52° 12′.54N., 10° 23′.08W.
Delete	depth, 27, close N of:	(a) above

### 1243\* ENGLAND - East Coast - Depths.

Source: Port of London Authority

#### Chart 1185 (INT 1572) [ *previous update 781/21* ] ETRS89 DATUM

Insert	depth, 13 <sub>9</sub>	51° 30′.20N., 0° 32′.61E.
	depth, 13 <sub>1</sub>	51° 30′.04N., 0° 36′.32E.
	depth, 14	(a) 51° 30′.13N., 0° 36′.44E.
Delete	depth, 14, close NE of:	(a) above

#### Chart 1186 (Panel A, Canvey Island to Coalhouse Point) [ *previous update 988/21* ] ETRS89 DATUM



Insert	depth, 12 <sub>9</sub>	(a) 51° 30′.097N., 0° 32′.059E.
Delete	depth, 13, close E of:	(a) above
Insert	depth, 13 <sub>9</sub>	(b) 51° 30′.200N., 0° 32′.605E.
Delete	depth, 14, close NE of:	(b) above
Insert	depth, 13 <sub>1</sub>	51° 30′.044N., 0° 36′.318E.
	depth, 14	51° 30′.128N., 0° 36′.437E.

## II



### 1268\* ENGLAND - East Coast - Submarine power cables. Legends.

Source: National Grid



#### Chart 104 (INT 1566) [ previous update New Edition 12/11/2020 ] ETRS89 DATUM

Insert	submarine power cable,  $\}$  , joining:	53° 27'·36N., 0° 25'·96E. (a) 53° 28'·36N., 0° 30'·52E. (b) 53° 28'·52N., 0° 31'·44E. 53° 28'·72N., 0° 32'·26E. 53° 28'·90N., 0° 32'·77E. 53° 29'·08N., 0° 33'·66E. and 53° 30'·17N., 0° 35'·61E. 53° 30'·45N., 0° 35'·91E. 53° 30'·90N., 0° 35'·95E. (c) 53° 31'·53N., 0° 35'·66E. (d) 53° 32'·60N., 0° 36'·21E. 53° 33'·02N., 0° 36'·77E. 53° 33'·40N., 0° 37'·20E. (a)-(b) above (c)-(d) above
	legend, <i>Under construction</i> , along:	

#### Chart 107 [ previous update 989/21 ] ETRS89 DATUM

Insert	submarine power cable,  $\}$  , joining:	(a) 53° 42'·48N., 0° 45'·43E. (b) 53° 39'·12N., 0° 42'·79E. (c) 53° 34'·89N., 0° 40'·25E. (d) 53° 33'·50N., 0° 37'·38E. 53° 32'·60N., 0° 36'·21E. 53° 31'·56N., 0° 35'·66E. 53° 30'·68N., 0° 35'·95E. (e) 53° 29'·44N., 0° 35'·02E. (f) 53° 27'·21N., 0° 25'·35E. 53° 27'·26N., 0° 24'·62E. 53° 26'·71N., 0° 21'·86E. 53° 25'·96N., 0° 21'·34E. (g) 53° 22'·55N., 0° 23'·31E. (h) 53° 19'·48N., 0° 23'·84E. 53° 18'·62N., 0° 22'·94E. (a)-(b) above (c)-(d) above (e)-(f) above (g)-(h) above
	legend, <i>Under construction</i> , along:	




#### Chart 108 [ previous update 35/21 ] ETRS89 DATUM

Insert	submarine power cable,  $\}$  , joining:	53° 17'·60N., 0° 18'·06E. (a) 53° 17'·94N., 0° 21'·07E. (b) 53° 18'·62N., 0° 22'·94E. 53° 19'·43N., 0° 23'·79E. 53° 19'·68N., 0° 23'·83E. 53° 20'·32N., 0° 23'·63E. (a)-(b) above
	legend, <i>Under construction</i> , along:	




## II

### 1268\* ENGLAND - East Coast - Submarine power cables. Legends. (continued)




#### Chart 121 [ previous update 1076/21 ] ETRS89 DATUM

Insert	submarine power cable,    , joining:	53° 42′.02N., 0° 45′.09E. (a) 53° 43′.94N., 0° 46′.58E. (b) 53° 45′.10N., 0° 48′.54E. 53° 45′.49N., 0° 48′.86E. 53° 45′.77N., 0° 49′.51E. 53° 46′.28N., 0° 51′.13E.
	legend, <i>Under construction</i> , along:	(a)-(b) above




#### Chart 266 [ previous update 1056/21 ] WGS84 DATUM

Insert	submarine power cable,    , joining:	54° 05′.00N., 1° 53′.64E. 54° 06′.67N., 2° 03′.13E. 54° 06′.80N., 2° 08′.17E. 54° 06′.63N., 2° 08′.80E. (a) 54° 06′.65N., 2° 12′.12E. (b) 54° 08′.14N., 2° 24′.94E. 54° 13′.08N., 2° 48′.14E.
	legend, <i>Under construction</i> , along:	(a)-(b) above

#### Chart 1187 [ previous update 1032/21 ] ETRS89 DATUM

Insert	submarine power cable,    , joining:	53° 51′.41N., 1° 04′.23E. 53° 54′.03N., 1° 11′.28E. (a) 53° 54′.05N., 1° 12′.03E. (b) 54° 01′.22N., 1° 25′.88E. (c) 54° 03′.62N., 1° 45′.89E. 54° 06′.67N., 2° 03′.18E. 54° 06′.80N., 2° 08′.17E. 54° 06′.63N., 2° 08′.80E. (d) 54° 06′.66N., 2° 12′.22E. (e) 54° 08′.14N., 2° 24′.94E. 54° 11′.79N., 2° 42′.09E.
	legend, <i>Under construction</i> , along:	(a)-(b) above (b)-(c) above (d)-(e) above

#### Chart 1191 (INT 1507) [ previous update 1123/21 ] ETRS89 DATUM



Insert	submarine power cable,    , joining:	53° 57′.60N., 1° 18′.74E. (a) 54° 01′.22N., 1° 25′.88E. (b) 54° 02′.84N., 1° 38′.35E. 54° 02′.84N., 1° 38′.74E.
	legend, <i>Under construction</i> , along:	(a)-(b) above



## II

### 1268\* ENGLAND - East Coast - Submarine power cables. Legends. (continued)



#### Chart 2182A (INT 1043) [ previous update 1123/21 ] WGS84 DATUM

Insert submarine power cable,  , joining:

53° 45'·4N., 0° 48'·8E.  
 (a) 53° 54'·0N., 1° 11'·5E.  
 (b) 54° 01'·2N., 1° 25'·9E.  
 54° 03'·6N., 1° 45'·9E.  
 54° 06'·7N., 2° 03'·2E.  
 54° 06'·7N., 2° 12'·2E.  
 54° 08'·2N., 2° 25'·2E.  
 54° 13'·0N., 2° 48'·0E.

legend, *Under construction*, along: (a)-(b) above



#### Chart 2182B (INT 1042) [ previous update 1123/21 ] WGS84 DATUM

Insert submarine power cable,  , joining:

53° 45'·4N., 0° 48'·8E.  
 53° 54'·0N., 1° 11'·5E.  
 (a) 54° 01'·2N., 1° 25'·9E.  
 (b) 54° 03'·6N., 1° 45'·9E.  
 54° 06'·7N., 2° 03'·2E.  
 54° 06'·7N., 2° 12'·2E.  
 54° 08'·2N., 2° 25'·2E.  
 54° 13'·0N., 2° 48'·0E.

legend, *Under construction*, along: (a)-(b) above

#### Chart 4140 (INT 140) [ previous update 783/21 ] WGS84 DATUM

Insert submarine power cable,  , joining:

54° 13'·2N., 2° 48'·5E.  
 54° 08'·1N., 2° 24'·9E.  
 54° 06'·7N., 2° 12'·2E.  
 (a) 54° 06'·7N., 2° 03'·2E.  
 (b) 54° 01'·2N., 1° 25'·9E.  
 53° 54'·0N., 1° 11'·5E.  
 53° 43'·9N., 0° 46'·6E.  
 53° 29'·4N., 0° 35'·0E.  
 53° 26'·7N., 0° 21'·9E.  
 53° 19'·4N., 0° 23'·8E.  
 53° 17'·6N., 0° 18'·1E.

legend, *Under construction*, along: (a)-(b) above

### 1286\* ENGLAND - East Coast - Drying height. Depth.

Source: British Government Survey

#### Chart 104 (INT 1566) [ previous update 1268/21 ] ETRS89 DATUM

Insert drying height,  $Q_3$ , enclosed by 0m low water line (a) 53° 34'·96N., 0° 10'·43E.  
 Delete depth,  $2_4$ , close N of: (a) above

#### Chart 107 [ previous update 1268/21 ] ETRS89 DATUM

Insert drying height,  $Q_3$ , enclosed by 0m low water line (a) 53° 34'·96N., 0° 10'·43E.  
 Delete depth,  $2_4$ , close N of: (a) above

## II

**1197 NORWAY - West Coast - NM Block.**

Source: Norwegian Lights List

**Chart 1430 (INT 1404)** [ *previous update 1018/21* ] WGS84 DATUM

Insert the accompanying block, centred on: 65° 35'·8N., 11° 13'·8E.

**1282 RUSSIA - White Sea Coast - Lights. Buoyage.**

Source: Russian Notices 3/155/21 and 3/157/21

**Chart 2295** [ *previous update 645/21* ] WGS84 DATUM

Amend	light to, Q.G.10m2M	64° 36'·42N., 40° 29'·78E.
	light to, Iso.G.2s18m2M	64° 36'·41N., 40° 30'·01E.
Delete	 Q.R	64° 37'·48N., 40° 26'·17E.
		64° 35'·25N., 40° 29'·34E.
		64° 34'·98N., 40° 29'·00E.

**1201 SWEDEN - West Coast - NM Block. Dredged area. Depths.**

Source: Swedish Notice 847/15662/21

*Note:* Former Notice 5799(T)20 is cancelled.

**Chart 875 (INT 1320) (Panel A, Halmstad)** [ *previous update 4624/20* ] WGS84 DATUM

Insert the accompanying block, centred on: 56° 39'·2N., 12° 51'·3E.

**Chart 875 (INT 1320)** [ *previous update 4624/20* ] WGS84 DATUM

Insert	limit of dredged area, pecked line, joining:	56° 39'·17N., 12° 51'·15E.
		56° 39'·22N., 12° 51'·07E.
	depth, 8 <sub>8</sub>	56° 39'·26N., 12° 51'·16E.
Replace	depth, 9, with depth, 8 <sub>7</sub>	56° 39'·33N., 12° 51'·33E.
		56° 39'·43N., 12° 51'·46E.

**1213 SWEDEN - East Coast - Buoyage.**

Source: Swedish Notice 847/15460/21

**Chart 2856 (INT 1326)** [ *previous update 4828/20* ] WGS84 DATUM

Delete		56° 11'·16N., 15° 01'·12E.
		56° 11'·15N., 15° 01'·11E.

## II

### 1229 SWEDEN - East Coast - Berths.

Source: Swedish Notice 847/15604/21

#### Chart 837 (INT 1232) [ previous update 4130/20 ] WGS84 DATUM

Insert	berth number, 1	58° 54′.27N., 17° 57′.31E.
	berth number, 2	58° 54′.38N., 17° 57′.35E.
	berth number, 3	58° 54′.46N., 17° 57′.42E.
	berth number, 4	58° 55′.03N., 17° 58′.03E.
	berth number, 2	58° 55′.10N., 17° 58′.07E.
	berth number, 1	58° 55′.04N., 17° 58′.38E.

### 1217\* NORTH SEA - United Kingdom Sector - Maritime limit. Legend.

Source: OPRED

#### Chart 291 [ previous update 6316/20 ] WGS84 DATUM

Insert	maritime limit, pecked line, joining:	58° 15′.75N., 0° 50′.40E.
		58° 15′.75N., 1° 05′.12E.
		58° 13′.09N., 1° 11′.46E.
		58° 12′.47N., 1° 11′.46E.
		58° 10′.64N., 1° 08′.24E.
		58° 09′.33N., 1° 01′.84E.
		58° 14′.42N., 0° 49′.12E.
	legend, <i>Oil Field Decommissioning (2021-28) (see Note)</i> , centred on:	58° 10′.52N., 0° 54′.60E.

#### Chart 2182C (INT 1041) [ previous update 709/21 ] WGS84 DATUM

Insert	legend, <i>Oil Field Decommissioning (see Note)</i> , centred on:	58° 16′.4N., 0° 50′.6E.
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### 1288 DENMARK - North Sea Coast - Depth.

Source: Danish Chart Correction 52-53/741/21

#### Chart 420 (INT 1451) [ previous update 241/20 ] WGS84 DATUM

Replace	depth, 9, with depth, 10 <sub>5</sub>	55° 28′.204N., 8° 25′.601E.
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## II

### 1289 NETHERLANDS - Buoyage.

Source: Netherlands Notice 9/83/21

#### Chart 125 (INT 1422) [ *previous update 1501/20* ] WGS84 DATUM

Delete		Fl(5)Y.20s WS187	52° 34'·21N., 3° 42'·94E.
		Fl(5)Y.20s WS188	52° 33'·93N., 3° 44'·08E.


#### Chart 1631 (INT 1418) [ *previous update 585/21* ] WGS84 DATUM

Delete		Fl(5)Y.20s WS187	52° 34'·21N., 3° 42'·94E.
		Fl(5)Y.20s WS188	52° 33'·93N., 3° 44'·08E.

### 1202 FRANCE - West Coast - Wreck. Marine farm. Automatic Identification System.

Source: French Notice 1/53/21



#### Chart 2521 (INT 1801) [ *previous update 493/21* ] WGS84 DATUM

Insert			47° 38'·73N., 3° 44'·77W.
Delete		Automatic Identification System, AIS, at lighted beacon tower	47° 29'·16N., 3° 17'·48W.


#### Chart 2522 (INT 1802) [ *previous update 493/21* ] WGS84 DATUM

Delete		Automatic Identification System, AIS, at lighted beacon tower	47° 29'·15N., 3° 17'·47W.
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#### Chart 2821 [ *previous update 5050/20* ] WGS84 DATUM

Insert			47° 38'·73N., 3° 44'·77W.
			47° 38'·85N., 3° 27'·20W.
Delete		Automatic Identification System, AIS, at lighted beacon tower	47° 29'·15N., 3° 17'·47W.

#### Chart 2822 (INT 1835) [ *previous update 5250/20* ] WGS84 DATUM

Insert			47° 38'·85N., 3° 27'·20W.
Delete		Automatic Identification System, AIS, at lighted beacon tower	47° 29'·15N., 3° 17'·47W.

### 1279 SPAIN - South West Coast - NM Block. Depth.

Source: ENC ES604433

#### Chart 86 [ *previous update 3993/20* ] WGS84 DATUM

Insert		the accompanying block, centred on: depth, 9 <sub>6</sub> , enclosed by 10m contour	36° 37'·3N., 6° 19'·8W. 36° 36'·66N., 6° 19'·28W.
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## II

### 1199 CROATIA - Light.

Source: Croatian Notice 12/19/20

#### Chart 269 (Panel B, Ploče) [ *previous update 1155/21* ] WGS84 DATUM

Move	★ Fl.R.3s9m3M, from:	43° 01′.78N., 17° 25′.29E.
	to:	43° 01′.88N., 17° 25′.54E.

#### Chart 1574 (Panel, Continuation of Kanal Malog Stona (Kanal Mali Ston)) [ *previous update 5144/19* ] WGS84 DATUM

Move	★ Fl.R.3s3M, from:	43° 01′.78N., 17° 25′.29E.
	to:	43° 01′.88N., 17° 25′.54E.

#### Chart 1574 [ *previous update 5144/19* ] WGS84 DATUM

Move	★ Fl.R.3s3M, from:	43° 01′.78N., 17° 25′.29E.
	to:	43° 01′.88N., 17° 25′.54E.

### 1206 CROATIA - Marine farms.

Source: Croatian Notice 12/8/20

#### Chart 515 [ *previous update 599/21* ] WGS84 DATUM

Insert	☐	44° 10′.27N., 14° 55′.02E.
		44° 09′.95N., 14° 55′.65E.

#### Chart 2773 (Panel E, Sedmovračé) [ *previous update 1195/21* ] WGS84 DATUM

Insert	limit of marine farm, pecked line, joining:	(a) 44° 10′.36N., 14° 54′.80E.
		(b) 44° 10′.41N., 14° 54′.84E.
		(c) 44° 10′.18N., 14° 55′.27E.
		(d) 44° 10′.14N., 14° 55′.22E.

	☐, within:	(a)-(d) above
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	limit of marine farm, pecked line, joining:	(e) 44° 10′.04N., 14° 55′.42E.
		(f) 44° 10′.08N., 14° 55′.47E.
		(g) 44° 09′.86N., 14° 55′.89E.
		(h) 44° 09′.81N., 14° 55′.85E.

	☐, within:	(e)-(h) above
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### 1221 CROATIA - Submarine pipeline.

Source: Croatian Notice 12/2/20

#### Chart 2719 [ *previous update 4681/20* ] WGS84 DATUM


Insert	submarine pipeline, -----, joining:	45° 14′.29N., 14° 35′.28E.
		45° 14′.58N., 14° 35′.62E.

## II

### 1223 CROATIA - Automatic Identification System.

Source: Croatian Notice 12/16/20

#### Chart 2773 (Panel A, Šibenik and Approaches) [ previous update 1206/21 ] WGS84 DATUM

Insert  Automatic Identification System, AIS, at light-buoy 43° 42'·95N., 15° 50'·91E.

### 1226 CROATIA - Buoyage.

Source: Croatian Notice 12/20/20

#### Chart 269 (Panel B, Ploče) [ previous update 1199/21 ] WGS84 DATUM

Insert  Fl.G.3s 43° 01'·884N., 17° 25'·734E.

Delete former,  Fl.G.3s 43° 02'·051N., 17° 26'·009E.


### 1235\* CYPRUS - Buoyage. Submarine pipeline. Legend.

Source: Cyprus Department of Land and surveys

#### Chart 848 (Panel A, Larnaca) [ previous update 5135/20 ] WGS84 DATUM

Replace  Q with  Fl.G.2s 34° 55'·827N., 33° 39'·165E.

#### Chart 848 (Panel B, Approaches to Larnaca) [ previous update 5135/20 ] WGS84 DATUM


Delete submarine pipeline, , and associated legend, Oil (see Note), joining: 34° 57'·46N., 33° 39'·34E.


 34° 57'·36N., 33° 39'·85E.

 34° 57'·34N., 33° 39'·86E.

 34° 57'·37N., 33° 39'·88E.


#### Chart 850 [ previous update 5135/20 ] WGS84 DATUM


Delete submarine pipeline, , joining: 34° 57'·45N., 33° 39'·33E.

 34° 57'·37N., 33° 39'·77E.

 34° 57'·38N., 33° 39'·89E.

#### Chart 851 [ previous update 5908/20 ] WGS84 DATUM

Delete submarine pipeline, , joining: 34° 57'·44N., 33° 39'·33E.

 34° 57'·35N., 33° 39'·86E.

 34° 57'·38N., 33° 39'·89E.

## II

### 1253 CROATIA - Obstruction. Depth.

Source: ENC HR500063


**Chart 269 (Panel B, Ploče)** [ *previous update 1226/21* ] WGS84 DATUM

Insert	 <i>Obstn</i> depth, <i>16<sub>1</sub></i>	43° 01′·651N., 17° 24′·728E. 43° 01′·598N., 17° 25′·136E.
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### 1255 MONTENEGRO - Obstructions.

Source: Montenegrin Hydrographic Office and UKHO

**Chart 1578 (Panel A, Bar)** [ *previous update 582/21* ] WGS84 DATUM

Delete	depth, <i>11<sub>3</sub></i> , and associated danger line, dotted line, and legend, <i>Obstns</i> , centred on:  <i>Obstn</i>	42° 05′·85N., 19° 04′·93E. 42° 06′·14N., 19° 05′·05E.
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### 1260 CROATIA - Depths.

Source: Croatian Notice 12/12/20



**Chart 2711** [ *previous update 1195/21* ] WGS84 DATUM

Insert	depth, <i>18<sub>5</sub></i> , enclosed by 20 m contour	(a) 43° 56′·68N., 15° 17′·62E.
Delete	depth, <i>22</i> , close NW of:	(a) above
Insert	depth, <i>20<sub>3</sub></i>	43° 56′·43N., 15° 17′·85E.
	depth, <i>6<sub>4</sub></i>	(b) 43° 54′·54N., 15° 16′·69E.
Delete	depth, <i>7</i> , close NW of:	(b) above
Replace	depth, <i>19</i> , with depth, <i>14<sub>8</sub></i>	43° 54′·05N., 15° 16′·89E.
	depth, <i>13<sub>7</sub></i> , with depth, <i>12<sub>3</sub></i>	43° 57′·57N., 15° 12′·81E.

### 1291 TURKEY - Çanakkale Boğazi - Superbuoys. Automatic Identification System. Radar beacon.

Source: Turkish Notice 2/7/21

**Chart 2429 (Panel C, South Entrance to Çanakkale Boğazi)** [ *previous update 1003/21* ] WGS84 DATUM

Replace	 <i>ODAS</i> , with,  <i>FL.Y.4s3M ODAS</i>	(a) 40° 02′·73N., 26° 12′·49E.
Insert	Automatic Identification System, <i>AIS</i> , at light-buoy	(a) above
	radar beacon, <i>Racon(U)</i> , at light-buoy	(a) above

## II

### 1250 MOROCCO - West Coast - Harbour limit. NM Blocks.

Source: French Notice 1/150/21

#### Chart 863 (Panel A, Anza and Agadir) [ *previous update 260/21* ] WGS84 DATUM

Insert harbour limit, pecked line, joining: 30° 25′.699N., 9° 39′.032W.  
30° 25′.952N., 9° 39′.532W.

#### Chart 863 (Panel F, Approaches to Anza and Agadir) [ *previous update 260/21* ] WGS84 DATUM

Insert the accompanying block A, centred on: 30° 25′.2N., 9° 41′.0W.  
the accompanying block B, centred on: 30° 24′.5N., 9° 38′.8W.

### 1232 KENYA - NM Block. Note.

Source: Kenya Ports Authority

#### Chart 666 (INT 7702) [ *previous update 5776/20* ] WGS84 DATUM

Insert the accompanying block, centred on: 4° 04′.4S., 39° 39′.3E.  
the accompanying note, LIKONI FLOATING BRIDGE,  
centred on: 4° 05′.988S., 39° 37′.113E.

### 1256 IRAN - Submarine pipeline.

Source: Iranian Notice 14/20

#### Chart 2837 (INT 7017) [ *previous update 892/21* ] WGS84 DATUM

Insert submarine pipeline, -----, joining: 26° 33′.9N., 53° 55′.6E.  
26° 37′.0N., 53° 55′.8E.  
26° 39′.1N., 53° 56′.3E.  
26° 41′.7N., 53° 56′.5E.  
26° 43′.2N., 53° 56′.9E.  
26° 43′.5N., 53° 56′.6E.

#### Chart 2887 (INT 7232) [ *previous update 6277/20* ] WGS84 DATUM

Insert submarine pipeline, -----, joining: 26° 34′.0N., 53° 55′.6E.  
26° 37′.0N., 53° 55′.8E.  
26° 39′.1N., 53° 56′.3E.  
26° 41′.7N., 53° 56′.5E.  
26° 43′.2N., 53° 56′.9E.  
26° 43′.5N., 53° 56′.6E.



## II

### 1269\* QATAR - Obstruction.

Source: mt Kapten Caroq

#### Chart 2837 (INT 7017) [ previous update 1256/21 ] WGS84 DATUM

Insert  *Obstn Rep* 25° 33'·4N., 51° 58'·8E.

#### Chart 2847 (INT 7018) [ previous update 419/21 ] WGS84 DATUM

Insert  *Obstn Rep* 25° 33'·4N., 51° 58'·8E.

#### Chart 2886 (INT 7243) [ previous update 419/21 ] WGS84 DATUM

Insert  *Obstn Rep PA* 25° 33'·4N., 51° 58'·8E.

#### Chart 3950 (INT 7244) [ previous update 49/21 ] WGS84 DATUM

Insert  *Obstn Rep (2021) PA* 25° 33'·40N., 51° 58'·78E.

### 1258 INDIA - West Coast - Buoy. Maintained channels.

Source: Indian Notice 2/43/21


#### Chart IN 211 [ previous update 265/21 ] WGS84 DATUM

Amend maintained depth to, *14,4m*, centred on: 18° 57'·16N., 72° 56'·50E.  
18° 55'·95N., 72° 53'·38E.  
maintained depth to, *14,6m*, centred on: 18° 53'·63N., 72° 51'·27E.  
maintained depth to, *15,4m*, centred on: 18° 51'·83N., 72° 49'·79E.

#### Chart IN 2001 [ previous update 5778/20 ] WGS84 DATUM

Amend maintained depth to, *14,4m*, centred on: 18° 55'·868N., 72° 53'·262E.  
18° 55'·631N., 72° 52'·789E.  
maintained depth to, *14,6m*, centred on: 18° 54'·968N., 72° 51'·977E.

#### Chart IN 2015 (INT 7337) [ previous update New Edition 15/06/2020 ] WGS84 DATUM

Move  *JNPA-1*, from: 18° 55'·95N., 72° 54'·24E.  
to: 18° 55'·88N., 72° 54'·05E.  
Amend maintained depth to, *14,4m*, centred on: 18° 55'·85N., 72° 53'·28E.  
18° 56'·47N., 72° 54'·38E.  
18° 56'·58N., 72° 54'·78E.  
maintained depth to, *14,6m*, centred on: 18° 54'·23N., 72° 51'·60E.  
maintained depth to, *15,4m*, centred on: 18° 52'·30N., 72° 50'·42E.  
18° 51'·26N., 72° 48'·53E.


#### Chart IN 2016 (INT 7336) [ previous update 5139/20 ] WGS84 DATUM

Amend maintained depth to, *14,4m*, centred on: 18° 57'·28N., 72° 56'·60E.  
18° 56'·66N., 72° 55'·49E.  
18° 56'·10N., 72° 53'·68E.  
maintained depth to, *14,6m*, centred on: 18° 53'·79N., 72° 51'·37E.  
maintained depth to, *15,4m*, centred on: 18° 51'·84N., 72° 49'·67E.

## II

### 1258 INDIA - West Coast - Buoy. Maintained channels. (continued)

**Chart IN 2076 (INT 7338)** [ *previous update New Edition 15/06/2020* ] WGS84 DATUM

Move	 <i>JNPA-1</i> , from:	18° 55′.95N., 72° 54′.24E.
	to:	18° 55′.88N., 72° 54′.05E.
Amend	maintained depth to, <i>14,4m</i> , centred on:	18° 58′.57N., 72° 57′.01E. 18° 58′.08N., 72° 56′.93E. 18° 57′.65N., 72° 56′.79E. 18° 56′.81N., 72° 56′.09E. 18° 56′.70N., 72° 55′.56E. 18° 56′.47N., 72° 54′.38E. 18° 55′.87N., 72° 53′.31E.
	maintained depth to, <i>14,6m</i> , centred on:	18° 55′.38N., 72° 52′.36E.

### 1215 INDONESIA - Sumatera - Light-beacons. Buoyage.

Source: Indonesian Notices 1/005-006/21 and ENC ID400042






**Chart 3949** [ *previous update 559/21* ] WGS84 DATUM

Delete	 Fl.G.5s9m6M	0° 59′.73N., 104° 11′.06E.
	 Fl.R.6s9m6M	0° 56′.26N., 104° 21′.14E.
		0° 56′.10N., 104° 20′.97E.
		0° 54′.53N., 104° 23′.74E.

### 1218 SINGAPORE - NM Blocks. Buoyage. Depths.

Source: Maritime and Port Authority of Singapore






**Chart 4030** [ *previous update New Edition 29/10/2020* ] WGS84 DATUM

Insert	 <i>Fl.R.4s TMS 2</i>	(a) 1° 15′.378N., 103° 38′.742E.
Delete	 <i>Fl.R.4s F2-DDJV-3</i> , close NW of:	(a) above
Insert	 <i>Fl(3)R.15s TMS 1</i>	(b) 1° 14′.533N., 103° 39′.144E.
Delete	 <i>Fl(3)R.15s F2-DDJV-4</i> , close NW of:	(b) above
	 <i>Fl(2)R.5s F2-DDJV-3A</i>	1° 15′.075N., 103° 38′.883E.




## II

### 1218 SINGAPORE - NM Blocks. Buoyage. Depths. (continued)

#### Chart 4031 [ previous update 542/21 ] WGS84 DATUM

Insert	 <i>Fl.R.4s TMS 2</i>	(a)	1° 15′.378N., 103° 38′.742E.
Delete	 <i>Fl.R.4s F2-DDJV-3</i> , close NW of:	(a)	above
Insert	 <i>Fl(3)R.15s TMS 1</i>	(b)	1° 14′.533N., 103° 39′.144E.
Delete	 <i>Fl(3)R.15s F2-DDJV-4</i> , close NW of:	(b)	above
	 <i>Fl(2)R.5s F2-DDJV-3A</i>		1° 15′.075N., 103° 38′.883E.

#### Chart 4033 [ previous update 530/21 ] WGS84 DATUM

Insert	 <i>Fl.R.4s TMS 2</i>	(a)	1° 15′.378N., 103° 38′.742E.
Delete	 <i>Fl.R.4s F2-DDJV-3</i> , close NW of:	(a)	above
	 <i>Fl(2)R.5s F2-DDJV-3A</i>		1° 15′.075N., 103° 38′.883E.

#### Chart 4035 [ previous update 5961/20 ] WGS84 DATUM

Insert	depth, <i>I</i> <sub>2</sub>		1° 14′.037N., 103° 48′.398E.
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



#### Chart 4037 [ previous update 492/21 ] WGS84 DATUM

Replace	depth, <i>I</i> <sub>7</sub> , with depth, <i>I</i> <sub>5</sub>		1° 15′.557N., 103° 54′.079E.
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



#### Chart 4038 (Panel C, Tuas Mega Yard) [ previous update 542/21 ] WGS84 DATUM

Insert	the accompanying block A, centred on:		1° 16′.7N., 103° 36′.5E.
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#### Chart 4038 [ previous update 542/21 ] WGS84 DATUM

Insert	the accompanying block B, centred on:		1° 18′.5N., 103° 36′.8E.
Replace	 <i>Fl.R.4s F2-DDJV-3</i> with  <i>Fl.R.4s TMS 2</i>		1° 15′.38N., 103° 38′.74E.
	 <i>Fl(3)R.15s F2-DDJV-4</i> with  <i>Fl(3)R.15s TMS 1</i>		1° 14′.53N., 103° 39′.16E.
Delete	 <i>Fl(2)R.5s F2-DDJV-3A</i>		1° 15′.07N., 103° 38′.88E.

#### Chart 4040 [ previous update 542/21 ] WGS84 DATUM

Insert	the accompanying block, centred on:		1° 18′.2N., 103° 36′.9E.
	depth, <i>I</i> <sub>2</sub>	(a)	1° 14′.04N., 103° 48′.40E.
Delete	depth, <i>I</i> <sub>8</sub> , close NW of:	(a)	above
Replace	 <i>Fl.R.4s F2-DDJV-3</i> with  <i>Fl.R.4s TMS 2</i>		1° 15′.38N., 103° 38′.74E.
	 <i>Fl(3)R.15s F2-DDJV-4</i> with  <i>Fl(3)R.15s TMS 1</i>		1° 14′.53N., 103° 39′.16E.
Delete	 <i>Fl(2)R.5s F2-DDJV-3A</i>		1° 15′.08N., 103° 38′.88E.

#### Chart 4041 [ previous update 562/21 ] WGS84 DATUM


Insert	depth, <i>I</i> <sub>2</sub>	(a)	1° 14′.04N., 103° 48′.40E.
Delete	depth, <i>I</i> <sub>8</sub> , close NW of:	(a)	above
Replace	depth, <i>I</i> <sub>7</sub> with depth, <i>I</i> <sub>5</sub>		1° 15′.56N., 103° 54′.08E.

## II

### 1225 INDONESIA - Sumatera - Light.

Source: Indonesian Notice 1/002/21

#### Chart 3833 [ previous update 562/21 ] WGS84 DATUM

Delete  Fl.3s6M 1° 04′.71N., 103° 55′.91E.

### 1198 VIETNAM - Wind farm. Legend.

Source: VMS-South Notice 290/20

#### Chart 1261 [ previous update 1039/21 ] WGS84 DATUM

Insert limit of wind farm, pecked line, joining: (a) 10° 10′.02N., 106° 51′.02E.  
(b) 10° 08′.53N., 106° 52′.50E.  
(c) 10° 06′.81N., 106° 51′.96E.  
(d) 10° 04′.97N., 106° 50′.79E.  
(e) 10° 05′.80N., 106° 48′.46E.  
(f) 10° 09′.33N., 106° 49′.27E.

symbol, wind farm, within: (a)-(f) above  
legend, Under construction (2020) (*buoyed*), within: (a)-(f) above

### 1207 CHINA - East Coast - Virtual aid to navigation.

Source: Chinese Notice 2/41/21



#### Chart 1721 [ previous update 1021/21 ] CGCS 2000 DATUM

Delete symbol, Virtual aid to navigation, isolated danger topmark, V-AIS 28° 14′.48N., 121° 35′.55E.

### 1208 CHINA - East Coast - Buoyage. Automatic Identification System.

Source: Chinese Notice 3/69/21

#### Chart 1143 [ previous update 1085/21 ] CGCS 2000 DATUM

Insert  Mo(O)Y.15s No 8 30° 35′.39N., 121° 30′.63E.  
 Mo(O)Y.15s No 9 (a) 30° 33′.12N., 121° 30′.64E.  
Automatic Identification System, AIS, at No 9 light-buoy (a) above

## II

### 1209 CHINA - Yellow Sea Coast - Depths. Rocks. NM Blocks. Legends. Works.

Source: Chinese Chart 11381

#### Chart 3694 [ previous update 4857/20 ] CGCS 2000 DATUM

Insert	depth, 5 <sub>6</sub>	38° 57′.672N., 121° 40′.165E.
	depth, 6 <sub>4</sub>	38° 58′.330N., 121° 40′.065E.
	depth, 0 <sub>1</sub> , enclosed by danger line, dotted line, with seabed type <i>R</i>	(a) 38° 59′.911N., 121° 42′.708E.
Delete	depth, 2 <sub>1</sub> , with seabed type <i>R</i> , close SE of:	(a) above





#### Chart 3695 [ previous update 3322/20 ] CGCS 2000 DATUM

Insert	the accompanying block A, centred on:	38° 56′.9N., 121° 38′.8E.
	the accompanying block B, centred on:	38° 56′.6N., 121° 40′.8E.
	depth, 0 <sub>4</sub>	(a) 38° 56′.348N., 121° 37′.409E.
Delete	depth, 1 <sub>6</sub> , close S of:	(a) above
Insert	depth, 0 <sub>5</sub>	(b) 38° 56′.528N., 121° 37′.595E.
Delete	depth, 1 <sub>6</sub> , close E of:	(b) above
Insert	depth, 6 <sub>4</sub>	38° 58′.330N., 121° 40′.065E.
	depth, 5 <sub>6</sub>	(c) 38° 57′.672N., 121° 40′.165E.
Delete	depth, 7 <sub>8</sub> , close SE of:	(c) above
Insert	depth, 7 <sub>7</sub>	38° 55′.328N., 121° 42′.381E.
	legend, Works in progress (2020), centred on:	38° 56′.202N., 121° 39′.542E.
		38° 57′.471N., 121° 37′.924E.
Replace	depth, 2 <sub>3</sub> , with depth, 0 <sub>8</sub> , and extend 2m contour SE to enclose	38° 56′.862N., 121° 37′.479E.

### 1210 CHINA - East Coast - Buoyage.

Source: Chinese Notice 2/43/21

#### Chart 1763 [ previous update 1065/21 ] WGS84 DATUM


Insert	 <i>Fl.R.4s No 44</i>	(a) 28° 01′.45N., 120° 44′.87E.
Delete	 <i>Fl.R.4s QB4</i> , close E of:	(a) above
Insert	 <i>Fl.R.4s No 42</i>	(b) 28° 01′.29N., 120° 45′.48E.
Delete	 <i>Fl.R.4s QB2</i> , close NW of:	(b) above
Amend	designation of light-buoy to, <i>No 43A</i>	28° 01′.65N., 120° 44′.62E.
	designation of light-buoy to, <i>No 43</i>	28° 01′.42N., 120° 45′.44E.

## II


### 1211 CHINA - East Coast - Wreck. Depth. Buoy.

Source: Chinese Notices 52/1894/20 and 2/40/21

#### Chart 1199 [ previous update 1130/21 ] CGCS 2000 DATUM

Insert  *Wk* 30° 18'·2N., 122° 36'·7E.  
symbol, blue and yellow emergency wreck marking pillar  
buoy, St Georges cross topmark, *Al.Oc.BuY.3s* (2 buoys) 30° 18'·6N., 122° 36'·8E.


#### Chart 1305 [ previous update 1130/21 ] CGCS 2000 DATUM

Insert symbol, blue and yellow emergency wreck marking pillar  
buoy, St Georges cross topmark, *Al.Oc.BuY.3s No 5* 30° 18'·40N., 122° 36'·71E.  
 *Wk* 30° 18'·24N., 122° 36'·71E.  
symbol, blue and yellow emergency wreck marking pillar  
buoy, St Georges cross topmark, *Al.Oc.BuY.3s No 6* 30° 18'·07N., 122° 36'·71E.


### 1212 CHINA - East Coast - Wreck. Buoyage.

Source: Chinese Notices 1/6/21 and 5/148/21

#### Chart 1126 [ previous update 1084/21 ] CGCS 2000 DATUM

Insert  29° 45'·27N., 122° 27'·19E.  
symbol, blue and yellow emergency wreck marking buoy,  
*Al.Oc(4).3s No 15* 29° 45'·39N., 122° 27'·19E.  
symbol, blue and yellow emergency wreck marking buoy,  
*Al.Oc(4).3s No 16* 29° 45'·15N., 122° 27'·19E.

#### Chart 1759 [ previous update 1130/21 ] CGCS 2000 DATUM

Insert  29° 45'·3N., 122° 27'·2E.  
symbol, blue and yellow emergency wreck marking buoy,  
*Al.Oc(4).3s* (2 buoys) 29° 45'·5N., 122° 27'·2E.

### 1230 CHINA - East Coast - Virtual aid to navigation.

Source: Chinese Notice 1/8/21

#### Chart 1719 [ previous update 1141/21 ] CGCS 2000 DATUM

Delete symbol, Virtual aid to navigation, isolated danger topmark, V-  
AIS 24° 26'·12N., 118° 30'·63E.

## II

### 1234 VIETNAM - Wreck.

Source: VMS-North Notice 9/21

**Chart 1965** [ *previous update 662/21* ] WGS84 DATUM

Insert  PA 20° 43′·80N., 106° 57′·04E.

**Chart 3875** [ *previous update 1024/21* ] WGS84 DATUM

Insert  PA 20° 43′·80N., 106° 57′·04E.

**Chart 3881** [ *previous update 1024/21* ] WGS84 DATUM

Insert  PA 20° 43′·80N., 106° 57′·04E.

### 1236 TAIWAN STRAIT - Depth.

Source: Chinese Chart 14030

**Chart 1761** [ *previous update New Edition 04/03/2021* ] WGS84 DATUM

Insert depth, 34, enclosed by 50m contour 25° 56′·6N., 121° 47′·3E.

### 1239 CHINA - East Coast - Virtual aid to navigation.

Source: Chinese Notice 3/75/21

**Chart 1155** [ *previous update 1065/21* ] CGCS 2000 DATUM

Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position 27° 57′·49N., 121° 10′·66E.

**Chart 1721** [ *previous update 1207/21* ] CGCS 2000 DATUM

Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position 27° 57′·49N., 121° 10′·66E.

**Chart 1759** [ *previous update 1212/21* ] CGCS 2000 DATUM

Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position 27° 57′·5N., 121° 10′·7E.

**Chart 1763 (Panel A, Wenzhou Wan)** [ *previous update 1210/21* ] WGS84 DATUM

Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position 27° 57′·49N., 121° 10′·66E.

## II



### 1240 MALAYSIA - Peninsular Malaysia, East Coast - Wrecks.

Source: Malaysian Notice 12/207/21

#### Chart 1379 [ previous update 606/21 ] WGS84 DATUM

Insert		3° 52′.67N., 103° 24′.44E.
Delete		3° 53′.40N., 103° 25′.63E.

#### Chart 3445 [ previous update 1146/21 ] WGS84 DATUM

Insert		(a) 3° 52′.67N., 103° 24′.44E.
Delete	 , close NE of:	(a) above

#### Chart 3446 [ previous update 606/21 ] WGS84 DATUM

Insert		(a) 3° 52′.67N., 103° 24′.44E.
Delete	 , close NE of:	(a) above

### 1245 TAIWAN - Buoy.

Source: Taiwanese Notice 13/21

#### Chart 3658 (Panel, T'aipei Kang) [ previous update 959/21 ] WGS84 DATUM

Insert	 <i>AL.RY.8s ODAS</i>	25° 09′.95N., 121° 21′.02E.
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### 1246 CHINA - South Coast - Legend.

Source: Chinese Notice 1/28-29(T)/21

#### Chart 1555 [ previous update 602/21 ] CGCS 2000 DATUM

Insert	legend, Wind Farm under construction (2021), centred on:	20° 58′.0N., 111° 36′.1E.
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#### Chart 3892 [ previous update 1055/21 ] CGCS 2000 DATUM

Insert	legend, Wind Farm under construction (2021), centred on:	20° 58′.0N., 111° 36′.1E.
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## II

**1248 TAIWAN - Wreck.**

Source: Taiwanese Notice 4/21

**Chart 1760** [ *previous update 1141/21* ] WGS84 DATUM

Replace  Wk with  Wk 24° 02′·0N., 119° 57′·8E.

**Chart 1968** [ *previous update 55/21* ] WGS84 DATUM

Replace  Wk with  Wk 24° 02′·0N., 119° 57′·8E.

**Chart 2409** [ *previous update 903/21* ] WGS84 DATUM

Replace  Wk with  Wk 24° 02′·04N., 119° 57′·83E.

**Chart 2412** [ *previous update 1140/21* ] WGS84 DATUM

Replace  Wk with  Wk 24° 02′·0N., 119° 57′·8E.


**Chart 3489 (INT 553)** [ *previous update 615/21* ] WGS84 DATUM

Replace  Wk with  Wk 24° 02′·0N., 119° 57′·8E.

**1251 TAIWAN - Submarine pipelines.**


Source: UKHO

**Chart 1761** [ *previous update 1236/21* ] WGS84 DATUM

Insert submarine pipeline, , joining:

(a) 25° 00′·6N., 120° 53′·4E.  
 25° 01′·1N., 120° 53′·8E.  
 25° 01′·6N., 120° 54′·3E.  
 25° 02′·0N., 120° 54′·7E.  
 25° 02′·4N., 120° 55′·6E.  
 25° 02′·7N., 120° 56′·4E.  
 25° 02′·8N., 120° 57′·2E.  
 25° 02′·8N., 120° 58′·3E.  
 25° 02′·7N., 120° 58′·8E.

(b) 25° 02′·3N., 120° 59′·9E.

Delete former submarine pipeline, , joining:

(a) above  
 25° 02′·8N., 120° 58′·9E.  
 (b) above

## II

### 1261 CHINA - East Coast - Virtual aid to navigation.

Source: Chinese Notice 1/10/21

#### Chart 1719 [ *previous update 1230/21* ] CGCS 2000 DATUM

Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS 24° 11'·20N., 118° 46'·28E.

#### Chart 1760 [ *previous update 1248/21* ] WGS84 DATUM

Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position 24° 11'·2N., 118° 46'·3E.

#### Chart 1968 [ *previous update 1248/21* ] WGS84 DATUM

Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position 24° 11'·2N., 118° 46'·3E.

### 1262 CHINA - Yellow Sea Coast - Lights.

Source: Chinese Notice 2/34/21

#### Chart 809 [ *previous update 1078/21* ] CGCS 2000 DATUM

Insert ★ Fl.R.4s13m4M 35° 34'·850N., 119° 46'·025E.

Amend light to, Fl.G.4s13m8M 35° 34'·894N., 119° 46'·073E.

#### Chart 1501 [ *previous update 1149/21* ] CGCS 2000 DATUM

Amend light to, Fl.G.4s8M 35° 34'·89N., 119° 46'·07E.

### 1264 CHINA - Yellow Sea Coast - Legend. Lights.

Source: Chinese Notice 2/36/21

#### Chart 1201 [ *previous update New Edition 25/02/2021* ] CGCS 2000 DATUM

Insert legend, *Buoyed*, orientated NW/SE, centred on: 34° 37'·32N., 119° 37'·18E.


★ Fl.6s12m4M 34° 36'·98N., 119° 37'·93E.

★ Fl.3s12m4M 34° 36'·66N., 119° 37'·57E.

### 1265 CHINA - East Coast - Beacon. Automatic Identification System.

Source: Chinese Notice 2/39/21

#### Chart 1143 [ *previous update 1208/21* ] CGCS 2000 DATUM

Delete  Mo(C)Y.12s10m3M, and associated Automatic Identification System, AIS 30° 25'·71N., 121° 18'·48E.

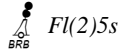
## II

### 1267 CHINA - Bo Hai - Buoy.

Source: Chinese Notice 2/32/21

**Chart 2662** [ *previous update 400/20* ] CGCS 2000 DATUM

Insert



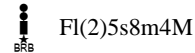
38° 57′.821N., 117° 43′.932E.

### 1277 CHINA - East Coast - Light-beacon.

Source: Chinese Notice 3/71/21

**Chart 1126** [ *previous update 1212/21* ] CGCS 2000 DATUM

Insert



29° 41′.83N., 122° 12′.93E.

### 1281 CHINA - South Coast - Depths. Wreck.

Source: New Edition of GB Chart 937 published 4 February 2021

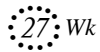
**Chart 341** [ *previous update New Edition 25/02/2021* ] WGS84 DATUM

Replace

depth, 39, with depth, 29

22° 13′.45N., 114° 19′.87E.

Delete



22° 13′.25N., 114° 19′.78E.

### 1284 CHINA - East Coast - Buoy. Wreck. Virtual aid to navigation.

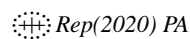
Source: Chinese Notices 3/67/21 and 6/194/21

**Chart 1602** [ *previous update 1130/21* ] CGCS 2000 DATUM

Insert

symbol, blue and yellow emergency wreck marking buoy,  
*Al.Oc.BuY.3s* (2 buoys)

31° 08′.85N., 122° 15′.84E.



(a) 31° 08′.70N., 122° 15′.95E.

symbol, Virtual aid to navigation, isolated danger topmark, V-  
AIS, out of position

(a) above

## II

### 1293 CHINA - Bo Hai - Wreck.

Source: Chinese Notice 2/31/21

#### Chart 1249 [ previous update 1173/21 ] CGCS 2000 DATUM

Insert  Rep (2020) 39° 00′.1N., 119° 43′.8E.

#### Chart 1250 [ previous update 1173/21 ] CGCS 2000 DATUM

Insert  Rep (2020), out of position 39° 00′.1N., 119° 43′.8E.

#### Chart 1256 [ previous update 1173/21 ] WGS84 DATUM

Insert  Rep (2020) 39° 00′.1N., 119° 43′.8E.

### 1294 CHINA - Yellow Sea Coast - Depths.

Source: Chinese Chart 11381

#### Chart 3694 [ previous update 1209/21 ] CGCS 2000 DATUM

Insert depth, 6<sub>4</sub> 38° 59′.092N., 121° 41′.168E.  
depth, 6<sub>6</sub> 38° 58′.675N., 121° 41′.166E.  
depth, 6<sub>3</sub> (a) 38° 58′.869N., 121° 40′.927E.  
Delete depth, 7<sub>7</sub> close SW of: (a) above  
Insert depth, 6<sub>6</sub> (b) 38° 57′.817N., 121° 40′.271E.  
Delete depth, 7<sub>3</sub> close S of: (b) above

#### Chart 3695 [ previous update 1209/21 ] CGCS 2000 DATUM

Insert depth, 6<sub>6</sub> (a) 38° 57′.817N., 121° 40′.271E.  
Delete depth, 7<sub>3</sub> close S of: (a) above

### 1270 JAPAN - Kyūshū - Light.

Source: Japanese Notice 10/145/21

#### Chart 127 [ previous update 1216/21 ] WGS84 DATUM

Amend light to, Iso.6s12M 34° 05′.9N., 130° 47′.0E.

## II

### 1270 JAPAN - Kyūshū - Light. (continued)

**Chart JP 179** [ *previous update 5997/20* ] WGS84 DATUM

Amend light to, Iso 6s 103m 12M 34° 05′·89N., 130° 46′·96E.

**Chart JP 201** [ *previous update 5997/20* ] WGS84 DATUM

Amend light to, Iso 6s 103m 12M 34° 05′·91N., 130° 47′·00E.

**Chart JP 1266** [ *previous update 4427/20* ] WGS84 DATUM

Amend light to, Iso 6s 103m 12M 34° 05′ 54·7"N., 130° 46′ 59·8"E.

**Chart 2347** [ *previous update 619/21* ] WGS84 DATUM

Amend light to, Iso.12M 34° 06′·3N., 130° 46′·8E.

**Chart 3480** [ *previous update 1127/21* ] WGS84 DATUM

Amend light to, Iso.12M 34° 05′·9N., 130° 47′·2E.

### 1271 JAPAN - Honshū - Spoil ground. Legend.

Source: Japanese Notice 10/148/21

**Chart JP 1097** [ *previous update 5069/20* ] WGS84 DATUM

Insert limit of spoil ground, pecked line, joining: (a) 36° 07′·73N., 140° 35′·67E.  
(b) 36° 08′·43N., 140° 38′·03E.  
(c) 36° 06′·45N., 140° 38′·97E.  
(d) 36° 05′·65N., 140° 36′·55E.  
legend, Spoil Ground, within: (a)-(d) above

### 1272 JAPAN - Honshū - Buoyage.

Source: Japanese Notice 10/149/21

**Chart JP 1088** [ *previous update 5415/20* ] WGS84 DATUM

Move  (R Lt) No 14, from: 35° 40′ 23·0"N., 139° 56′ 53·1"E.  
to: 35° 40′ 22·0"N., 139° 56′ 52·0"E.

Delete  (R Lt) 35° 40′ 17·6"N., 139° 57′ 00·1"E.

## II

### 1273 JAPAN - Seto Naikai - Depths.

Source: Japanese Notice 10/151/21

Note: Former Notice 5534(T)/20 is cancelled

#### Chart JP 107 [ previous update 6466/19 ] WGS84 DATUM

Insert	depth, $I_5$ Rep (2020)	(a) 34° 45' 50.3"N., 134° 47' 02.9"E.
Delete	depth, $I_8$ , and associated 2m contour, close S of:	(a) above
Insert	depth, $I_8$ Rep (2020)	(b) 34° 45' 48.0"N., 134° 46' 59.6"E.
Delete	depth, 4, close SW of:	(b) above
Insert	2m approximate contour, joining:	34° 45' 47.5"N., 134° 46' 59.5"E. 34° 45' 48.2"N., 134° 46' 59.4"E. 34° 45' 49.5"N., 134° 47' 00.6"E. 34° 45' 50.6"N., 134° 47' 02.6"E. 34° 45' 50.2"N., 134° 47' 04.6"E.
Replace	depth, 3 <sub>8</sub> , with depth, $I_3$ Rep (2020)	34° 45' 49.4"N., 134° 47' 01.7"E.

### 1274 JAPAN - Kyūshū - Fish haven.

Source: Japanese Notice 10/152/21

#### Chart JP 179 [ previous update 1270/21 ] WGS84 DATUM

Insert		33° 42' 32N., 130° 10' 73E.
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#### Chart JP 1228 [ previous update 4911/20 ] WGS84 DATUM

Insert		33° 42' 32N., 130° 10' 73E.
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### 1216 KOREA - East Coast - Light.

Source: Korean Notice 2/21/21

#### Chart 127 [ previous update 925/21 ] WGS84 DATUM

Amend	range of light to, 8M	35° 19' 3N., 129° 18' 2E.
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#### Chart 896 (INT 5355) [ previous update 583/21 ] WGS84 DATUM

Amend	light to, Fl.R.4s21m8M	35° 19' 34N., 129° 18' 24E.
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### 1220 KOREA - South Coast - Depth. Obstructions.

Source: Korean Notice 1/7/21 and UKHO

#### Chart 1163 [ previous update 829/21 ] WGS84 DATUM

Insert	 <i>Obstn</i>	(a) 35° 04' 465N., 128° 47' 861E.
Delete	depth, $I_4$ <sub>2</sub> , close SW of:	(a) above
	 <i>Obstn</i> , close SE of:	(a) above

## II

### 1227 KOREA - South Coast - Restricted areas.

Source: Korean Chart 2132

#### Chart 1065 [ *previous update 943/21* ] WGS84 DATUM

Insert	limit of restricted area, entry prohibited, pecked line, joining:	(a) 35° 05′·84N., 128° 40′·22E. 35° 05′·56N., 128° 39′·67E. 35° 06′·19N., 128° 37′·90E. 35° 07′·82N., 128° 36′·67E. 35° 08′·20N., 128° 36′·30E. (b) 35° 08′·91N., 128° 36′·61E.
Delete	former limit of restricted area, entry prohibited, pecked line, joining:	(a) above 35° 05′·49N., 128° 39′·76E. 35° 06′·20N., 128° 37′·70E. 35° 08′·18N., 128° 36′·29E. (b) above

### 1228 KOREA - West Coast - Fog signals.

Source: Korean Notice 2/30/21

#### Chart 3642 (INT 5364) [ *previous update 790/21* ] WGS84 DATUM

Insert	fog signal, Horn(1)20s, at light	(a) 37° 28′·655N., 126° 35′·668E.
Delete	☉ Horn(1)20s, close N of:	(a) above

### 1287 KOREA - East Coast - Depths. Obstruction.

Source: Korean Notice 3/40/21 and ENC KR67993A

#### Chart 898 (Panel C, Mukho) [ *previous update New Edition 04/03/2021* ] WGS84 DATUM

Insert	depth, 5 <sub>8</sub>  Obstn	37° 32′·923N., 129° 06′·811E. (a) 37° 32′·858N., 129° 06′·825E.
Delete	depth, 8 <sub>8</sub> , close SE of:	(a) above
Replace	depth, 8 <sub>7</sub> , with depth 7 <sub>6</sub>	37° 32′·774N., 129° 06′·758E.

### 1247 PHILIPPINE ISLANDS - Luzon - Light.

Source: Philippine Lights List 12/20

#### Chart 4491 [ *previous update 230/21* ] WGS84 DATUM

Amend	light to, Fl(2)G.10s	14° 25′·88N., 120° 29′·14E.
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## II

### 1254 PHILIPPINE ISLANDS - Mindanao - Lights. Light-beacon.

Source: : Philippine Notices 12/62-63/20

#### Chart 4494 (Panel A, Port of Davao) [ *previous update 353/21* ] WGS84 DATUM

Amend range of light to, 8M 7° 04′.657N., 125° 37′.589E.

#### Chart 4494 (Panel B, Pakiputan Strait) [ *previous update 353/21* ] WGS84 DATUM

Amend light to, Fl.R.5s8M 7° 07′.33N., 125° 39′.76E.

#### Chart 4494 [ *previous update 353/21* ] WGS84 DATUM

Insert ★ Fl.G.10s18M (a) 7° 09′.17N., 125° 39′.76E.

Delete ★ Fl.G.5s8M, close W of: (a) above

Amend light to, Fl.R.5s8M 7° 07′.33N., 125° 39′.78E.

range of light to, 8M 7° 04′.65N., 125° 37′.58E.

6° 35′.89N., 125° 24′.75E.

light-beacon to, Fl.5s9m8M 6° 37′.61N., 125° 24′.57E.

Delete ★ Fl.R.5s135m15M 6° 36′.80N., 125° 25′.59E.

★ Fl.R.5s7M 6° 36′.22N., 125° 24′.00E.

### 1283 NEW ZEALAND - North Island - Note.

Source: New Zealand Notice 5/31/21

#### Chart NZ 41 [ *previous update New Edition 01/05/2018* ] WGS84 DATUM

Replace the existing note with accompanying note, AREA TO BE AVOIDED, centred on: 35° 17′.42S., 171° 53′.25E.






## II


### 1241 COLOMBIA - Pacific Ocean Coast - Anchorage areas.

Source: Colombian Notice 5/21

#### Chart 2799 (Panel D, Tumaco) [ previous update 566/21 ] WGS84 DATUM

Insert	limit of anchorage area, pecked line, joining:	(a) 1° 48′.55N., 78° 45′.51W. (b) 1° 48′.55N., 78° 45′.40W. (c) 1° 48′.44N., 78° 45′.40W. (d) 1° 48′.44N., 78° 45′.51W.
	 , within:	(a)-(d) above
	limit of anchorage area, pecked line, joining:	(e) 1° 49′.41N., 78° 43′.14W. (f) 1° 49′.30N., 78° 42′.96W. (g) 1° 49′.11N., 78° 43′.11W. (h) 1° 49′.26N., 78° 43′.30W.
	 , within:	(e)-(h) above
	limit of anchorage area, pecked line, joining:	(i) 1° 51′.44N., 78° 45′.84W. (j) 1° 51′.26N., 78° 45′.51W. (k) 1° 51′.09N., 78° 45′.60W. (l) 1° 51′.27N., 78° 45′.93W.
	 , within:	(i)-(l) above

#### Chart 2799 (Panel B, Approaches to Tumaco) [ previous update 566/21 ] WGS84 DATUM

Insert	limit of anchorage area, pecked line, joining:	(a) 1° 51′.44N., 78° 45′.84W. (b) 1° 51′.26N., 78° 45′.51W. (c) 1° 51′.09N., 78° 45′.60W. (d) 1° 51′.27N., 78° 45′.93W.
	 , within:	(a)-(d) above

### 1249 COLOMBIA - Pacific Ocean Coast - NM Block. Light.

Source: Colombian Chart 310

#### Chart 2257 [ previous update 870/21 ] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 39′.0N., 79° 00′.3W.
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#### Chart 4811 (INT 811) [ previous update 870/21 ] WGS84 DATUM

Move	 , from:	1° 35′.1N., 79° 01′.7W.
	to:	1° 38′.9N., 78° 59′.9W.

### 1237 BRAZIL - South Coast - Light.

Source: Brazilian Notice 24/S 133/20

#### Chart 2002 [ previous update 4934/20 ] WGS84 DATUM

Amend	light to, F.Y.9m5M	32° 08′.40S., 52° 06′.12W.
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## II

### 1200 VENEZUELA - Buoyage. Light.

Source: Venezuelan Notice 75/20

#### Chart 1629 (Panel D, La Guaira) [ previous update 5138/20 ] WGS84 DATUM

Amend	light-buoy to, <i>Fl.6s</i>	10° 36'·910N., 66° 57'·769W.
	light-buoy to, <i>VQ.15s</i>	10° 36'·307N., 66° 57'·535W.
	range of light to, 18M	10° 36'·451N., 66° 57'·071W.
		10° 36'·235N., 66° 57'·112W.




#### Chart 1629 (Panel E, Approaches to La Guaira) [ previous update 5138/20 ] WGS84 DATUM

Amend	light-buoy to, <i>Fl.6s</i>	10° 36'·91N., 66° 57'·77W.
	range of light to, 18M	10° 36'·45N., 66° 57'·07W.
		10° 36'·23N., 66° 57'·11W.

### 1231 VENEZUELA - Buoy. Lights. Beacons. Light-beacons. Note.

Source: Venezuelan Notice 76/20

#### Chart 1628 (Panel, Puerto Cabello) [ previous update 4578/20 ] WGS84 DATUM

Insert	 <i>Fl.R.4s</i>	10° 28'·88N., 68° 00'·65W.
Amend	range of light to, 12M	10° 28'·85N., 68° 00'·02W.
		10° 28'·43N., 67° 59'·59W.
Replace	symbol, red and white beacon with triangular topmark, apex downwards, with symbol, red and white light-beacon with triangular topmark, apex downwards, <i>Fl.5s10M</i>	10° 27'·99N., 67° 58'·98W.
	 with  <i>Fl.5s10M</i>	10° 27'·92N., 67° 58'·90W.

#### Chart 1628 [ previous update 4578/20 ] WGS84 DATUM

Insert	the accompanying note, AUTOMATIC IDENTIFICATION SYSTEMS, centred on:	10° 27'·63N., 68° 15'·43W.
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### 1252 VENEZUELA - Note.

Source: ENC VE500308 and ENC VE400305

#### Chart 1629 [ previous update 1200/21 ] WGS84 DATUM

Insert	the accompanying note, AUTOMATIC IDENTIFICATION SYSTEMS	within title panel
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## II

**1280 UNITED STATES OF AMERICA - Gulf of Mexico - Buoyage.**

Source: US Coast Guard District 8 LNM 4/11370/21

**Chart 3384 (Panel A)** [ *previous update 674/21* ] NAD83 DATUM

Delete	 'B'	29° 56'·62N., 90° 22'·54W.
	 'C'	29° 56'·56N., 90° 10'·18W.

**Chart 3384 (Panel B)** [ *previous update 674/21* ] NAD83 DATUM

Delete	 '3'	30° 02'·64N., 90° 40'·43W.
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
**Chart 3384 (Panel C)** [ *previous update 674/21* ] NAD83 DATUM

Delete	 '1'	30° 05'·77N., 90° 54'·88W.
	 'B'	30° 05'·96N., 90° 54'·77W.

**1203 UNITED STATES OF AMERICA - East Coast - Rocks. Depths.**

Source: OCS

**Chart 2580** [ *previous update 786/21* ] NAD83 DATUM

Insert	 with seabed type, <i>R</i>	41° 01'·71N., 73° 30'·96W.
	depth, 13, with seabed type, <i>R</i> , and extend 18ft contour SW to enclose	41° 00'·66N., 73° 32'·08W.
	depth, 7, with seabed type, <i>R</i> , and extend 18ft contour E to enclose	(a) 41° 00'·29N., 73° 33'·92W.
Delete	depth, 12, close N of:	(a) above
Insert	depth, 20, with seabed type, <i>R</i>	40° 59'·95N., 73° 36'·32W.
	depth, 12, with seabed type, <i>R</i> , and extend 18ft contour S to enclose	40° 59'·36N., 73° 36'·32W.
	depth, 35, with seabed type, <i>R</i>	40° 54'·98N., 73° 36'·63W.
	depth, 7, with seabed type, <i>R</i>	40° 55'·34N., 73° 32'·00W.

## II

**1204 UNITED STATES OF AMERICA - East Coast - Obstructions. Depth. NM Blocks. Foul. Rock.**

Source: US Coast Guard District 5 LNM's 5/12277/21, 5/12311-12312/21 and ENC US5ILGCE

**Chart 2603 (Panel 4, Entrance to the Chesapeake and Delaware Canal) [ previous update 644/21 ] NAD83 DATUM**

Insert the accompanying block A, centred on: 39° 33'·3N., 75° 33'·1W.

**Chart 2603 (Panel 1) [ previous update 644/21 ] NAD83 DATUM**

Insert the accompanying block B, centred on: 39° 32'·7N., 75° 33'·0W.

# 39° 38'·92N., 75° 32'·64W.

 22 Obstn 39° 38'·94N., 75° 32'·53W.


 35 Obstn 39° 39'·93N., 75° 31'·80W.

 44 Obstn 39° 45'·54N., 75° 28'·99W.

**Chart 2603 (Panel 2) [ previous update 644/21 ] NAD83 DATUM**

Insert  44 Obstn 39° 45'·54N., 75° 28'·99W.

 23 Obstn 39° 46'·69N., 75° 27'·50W.

 44 Obstn 39° 47'·34N., 75° 26'·90W.

depth, 40, with seabed type, R 39° 48'·19N., 75° 25'·38W.

**Chart 2922 (Panel 1) [ previous update 540/21 ] NAD83 DATUM**

Insert  23 Obstn (a) 39° 32'·69N., 75° 33'·10W.

Delete depth, 22, close NW of: (a) above

Insert  24 Obstn 39° 32'·53N., 75° 33'·09W.

 30 Obstn 39° 32'·89N., 75° 33'·02W.

 29 Obstn 39° 32'·93N., 75° 33'·03W.

 26 Obstn 39° 32'·96N., 75° 33'·08W.

 32 Obstn 39° 33'·78N., 75° 33'·45W.

 41 Obstn 39° 33'·80N., 75° 33'·20W.

 40 Obstn 39° 33'·80N., 75° 33'·15W.

Delete  37 Obstn 39° 33'·85N., 75° 32'·99W.

 Obstn PA 39° 32'·80N., 75° 32'·70W.

## II

### 1242 UNITED STATES OF AMERICA - East Coast - Buoyage.

Source: US Coast Guard District 1 LNM 4/12300/21

#### Chart 2890 [ *previous update 408/21* ] NAD83 DATUM

Insert	 <i>Fl(5)Y.20s (2 buoys)</i>	40° 58′.04N., 71° 07′.59W.
Delete	 <i>Fl(5)Y.20s '154'</i>	40° 58′.86N., 71° 07′.29W.

### 1244 UNITED STATES OF AMERICA - East Coast - Buoyage.

Source: US Coast Guard District 5 LNM 4/12281/21

#### Chart 2850 (Panel, Baltimore Harbor) [ *previous update 661/21* ] NAD83 DATUM

Insert	 <i>Fl.G.4s '9'</i>	39° 14′.99N., 76° 32′.69W.
Move	 <i>Fl.G.2.5s '7'</i> , from:	39° 14′.86N., 76° 32′.66W.
	to:	39° 14′.81N., 76° 32′.67W.
Delete	 <i>Fl.G.4s '7A'</i>	39° 15′.08N., 76° 32′.75W.

## II

### 1219(P)/21 ENGLAND - South Coast - Depths. Drying heights. Rocks.

Source: British Government Survey

1. Recent survey information has shown that numerous depths less than charted exist between Gribbin Head and Bolt Head.  
The most significant are as follows:
2. Looe Bay

<i>Depth</i>	<i>Position</i>
5.2m	50° 20'·89N., 4° 22'·56W.
5.5m	50° 20'·50N., 4° 22'·56W.
6.5m	50° 20'·95N., 4° 23'·15W.
6.7m	50° 20'·66N., 4° 23'·50W.
7.9m	50° 20'·30N., 4° 23'·55W.
8.8m	50° 19'·46N., 4° 26'·21W.
9.1m	50° 19'·72N., 4° 22'·40W.
10.4m	50° 19'·94N., 4° 24'·53W.
11.9m	50° 20'·78N., 4° 21'·80W.
12.7m	50° 19'·79N., 4° 25'·01W.
13.6m	50° 19'·08N., 4° 26'·82W.
14.1m	50° 20'·36N., 4° 25'·24W.
17.7m	50° 20'·20N., 4° 20'·15W.
19.2m	50° 20'·30N., 4° 18'·38W.
19.9m	50° 17'·71N., 4° 39'·91W.
20.8m	50° 12'·28N., 4° 25'·02W.
23.5m	50° 11'·66N., 4° 25'·12W.
23.5m	50° 19'·15N., 4° 20'·09W.
5.0m	50° 20'·12N., 4° 22'·91W.
5.9m	50° 19'·77N., 4° 22'·71W.
7.4m	50° 19'·84N., 4° 23'·55W.
7.3m	50° 20'·71N., 4° 24'·20W.
8.0m	50° 20'·84N., 4° 24'·09W.
9.1m	50° 20'·55N., 4° 24'·02W.
8.8m	50° 20'·27N., 4° 24'·01W.

3. Approaches to Fowey

<i>Depth</i>	<i>Position</i>
19.9m	50° 17'·71N., 4° 39'·91W.
24.5m	50° 16'·77N., 4° 39'·37W.
28.5m	50° 18'·79N., 4° 30'·47W.
28.5m	50° 16'·90N., 4° 35'·52W.
28.5m	50° 17'·70N., 4° 37'·80W.
29.5m	50° 16'·33N., 4° 39'·98W.
30.0m	50° 16'·59N., 4° 39'·11W.
30.5m	50° 16'·62N., 4° 36'·95W.
33.0m	50° 12'·90N., 4° 26'·29W.
35.0m	50° 11'·00N., 4° 25'·63W.
14.7m	50° 17'·98N., 4° 39'·30W.

4. Hand Deeps

<i>Depth</i>	<i>Position</i>
20.8m	50° 12'·28N., 4° 25'·02W.
23.5m	50° 11'·66N., 4° 25'·12W.
24.5m	50° 11'·37N., 4° 25'·35W.
33.0m	50° 12'·90N., 4° 26'·29W.
30.0m	50° 12'·12N., 4° 25'·76W.

## II

### 1219(P)/21 ENGLAND - South Coast - Depths. Drying heights. Rocks. (continued)

#### 5. Eddystone Rocks

<i>Depth</i>	<i>Position</i>
*18.0m	50° 11′.17N., 4° 15′.53W.
*23.5m	50° 11′.16N., 4° 15′.72W.
*1.9m	50° 10′.96N., 4° 15′.73W.
*4.5m	50° 10′.88N., 4° 15′.68W.
*3.9m	50° 10′.84N., 4° 15′.82W.
*3.7m	50° 10′.82N., 4° 16′.16W.
*3.2m	50° 10′.81N., 4° 15′.90W.
*9.6m	50° 10′.81N., 4° 16′.07W.
*12.7m	50° 10′.80N., 4° 16′.11W.
*7.0m	50° 10′.77N., 4° 15′.99W.
*6.7m	50° 10′.76N., 4° 15′.75W.

#### 6. Whitsand Bay

<i>Depth</i>	<i>Position</i>
*14.8m	50° 20′.35N., 4° 16′.57W.
*14.3m	50° 20′.22N., 4° 16′.33W.
*22.5m	50° 19′.19N., 4° 16′.48W.
*24.0m	50° 18′.96N., 4° 16′.52W.
*8.3m	50° 19′.57N., 4° 14′.75W.
*20.0m	50° 18′.82N., 4° 15′.33W.

#### 7. Wembury Bay

<i>Depth</i>	<i>Position</i>
*Drying 0.5m	50° 18′.93N., 4° 05′.57W.
*Drying 0.2m	50° 18′.91N., 4° 05′.20W.
*3.7m	50° 18′.85N., 4° 05′.25W.
*3.1m	50° 18′.89N., 4° 05′.40W.
*2.6m	50° 18′.75N., 4° 04′.88W.
*0.3m	50° 18′.59N., 4° 04′.15W.
*9.5m	50° 18′.37N., 4° 07′.37W.
*1.6m	50° 18′.34N., 4° 06′.00W.
*4.5m	50° 18′.99N., 4° 07′.16W.

#### 8. Rocks awash exist in the following positions:

\*50° 18′.92N., 4° 05′.60W.

\*50° 18′.52N., 4° 04′.49W.

#### 9. Mariners are advised to navigate with caution in the area.

#### 10. These changes will be included in the next New Edition of Charts 30, 1267, 1613 and 1900.

#### 11. Former Notice 6264(P)/20 is cancelled.

\*Indicates new or revised entry

(ETRS89 DATUM)

**Charts affected - 30 (INT 1722) - 1267 - 1613 - 1900**

## II

### 1214(T)/21 SWEDEN - West Coast - Buoyage.

Source: Swedish Notice 847/15652/21

1. The following port-hand spar buoys have been moved:

<i>Former Position</i>	<i>New Position</i>
55° 37'·568N., 13° 01'·097E.	55° 37'·547N., 13° 01'·055E.
55° 37'·544N., 13° 01'·124E.	55° 37'·488N., 13° 01'·085E.

(WGS84 DATUM)

**Chart affected - 911 (INT 1322)**

### 1257(P)/21 POLAND - Depths.

Source: Polish Chart 18

1. Depths less than charted exist in the following positions:

<i>Depth</i>	<i>Position</i>
5·7m	53° 26'·823N., 14° 35'·270E.
3·6m	53° 26'·215N., 14° 34'·781E.
7·0m	53° 24'·201N., 14° 36'·474E.

2. Mariners are advised to navigate with caution in the area.

(WGS84 DATUM)

**Chart affected - 2452 (INT 12991)**

### 1263(T)/21 DENMARK - Islands - Works.

Source: Danish Notice 2/11(T)/21

1. Harbour maintenance works are taking place in the vicinity of 55° 20'·09N., 11° 08'·02E.
2. Mariners are advised to navigate with caution in the area.

(WGS84 DATUM)

**Charts affected - 938 (INT 1369) - 2596 (INT 1370)**

### 1290(T)/21 NORTH SEA - Netherlands Sector - Measuring instruments. Buoyage.

Source: Netherlands HO

1. Measuring instruments have been established temporarily in the positions shown below. They are marked by either unlit yellow buoys or yellow light-buoys, *Fl(5)Y.20s*, *Fl.Y.5s* or *Fl(2)Y.5s*, and will be on station until further notice. Only the largest scale Admiralty chart is quoted. This list will be updated as necessary by Temporary Notices to Mariners.

<i>Position</i>	<i>Largest Scale Chart(s)</i>
51° 42'·41N., 3° 02'·08E.	110
51° 42'·30N., 3° 04'·90E.	110
55° 01'·41N., 3° 41'·11E.	266
53° 44'·25N., 6° 37'·58E.	1633
53° 37'·26N., 6° 22'·12E.	DE90
53° 37'·22N., 6° 31'·33E.	DE90
53° 34'·22N., 6° 37'·95E.	DE90



## II

### **1290(T)/21 NORTH SEA - Netherlands Sector - Measuring instruments. Buoyage. (continued)**

2. Mariners are advised to navigate with caution in these areas.
3. Former Notice 898(P)/21 is cancelled.  
(WGS84 DATUM)

**Charts affected - 110 (INT 1473) - 266 - 1633 (INT 1417) - DE 90 (INT 1461)**

### **1292(P)/21 NORTH SEA - Netherlands Sector - Submarine power cable.**

Source: Netherlands Notice 9/84(P)/21

1. A submarine power cable is being laid joining the following positions:

55° 45'·9N., 8° 10'·7E.  
55° 47'·7N., 7° 48'·7E.  
55° 48'·4N., 7° 21'·3E.  
55° 47'·0N., 7° 19'·3E.  
55° 46'·1N., 7° 03'·1E.  
55° 45'·0N., 7° 01'·9E.  
55° 43'·2N., 6° 48'·1E.  
55° 42'·2N., 6° 47'·2E.  
55° 40'·0N., 6° 31'·2E.  
55° 36'·0N., 6° 02'·3E.  
55° 32'·1N., 5° 43'·7E.  
55° 15'·5N., 5° 07'·6E.  
55° 10'·3N., 5° 00'·0E.  
55° 02'·8N., 4° 43'·4E.  
54° 45'·6N., 4° 01'·3E.  
54° 44'·3N., 4° 00'·3E.  
54° 21'·1N., 3° 10'·0E.  
54° 16'·2N., 3° 00'·6E.  
54° 15'·0N., 2° 54'·9E.  
54° 13'·1N., 2° 48'·1E.

2. This change will be included in New Edition DE50, to be published 15 April 2021.
3. Mariners are advised to navigate with caution in the area.
4. Charts will be updated when full details are available.  
(WGS84 DATUM)

**Charts affected - 266 - 267 - 1422 (INT 1044) - 2182A (INT 1043) - 2182B (INT 1042)**

### **1276(T)/21 PAKISTAN - Wrecks.**

Source: Pakistani Notice 1/4(T)/21

1. Wrecks exist in the following positions:

24° 31'·00N., 66° 57'·00E.  
\*24° 49'·00N., 66° 36'·00E.  
\*24° 42'·00N., 66° 41'·00E.

2. Mariners are advised to navigate with caution in the area.
3. Former Notice 5447(T)/20 is cancelled.  
\*Indicates new or revised entry  
(WGS84 DATUM)

**Charts affected - 39 - 58 (INT 7314)**

## II

### 1266(P)/21 CHINA - South Coast - Depths.

Source: UKHO

1. Depths less than charted exist between Nizhou Tou and Huangpu. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
8.9m	22° 53'·97N., 113° 34'·30E.
9.9m	22° 55'·44N., 113° 33'·99E.
9m	22° 56'·32N., 113° 33'·05E.
10.7m	22° 56'·53N., 113° 33'·40E.
10.2m	22° 56'·83N., 113° 33'·22E.
9.5m	22° 59'·03N., 113° 32'·38E.
8.3m	22° 59'·45N., 113° 31'·26E.
3.5m	23° 00'·19N., 113° 31'·63E.
3.8m	23° 00'·75N., 113° 31'·32E.
10.5m	23° 01'·33N., 113° 31'·47E.
4m	23° 02'·02N., 113° 31'·11E.

2. These changes will be included in New Chart 346 to be published early 2021.
3. Mariners are advised to navigate with caution in the area.  
(CGCS 2000 DATUM)

**Chart affected - 346**

### 1275(T)/21 JAPAN - Honshū - Buoy. Scientific instrument.

Source: Japanese Notice 10/5111(T)/21

1. An orange observation buoy, (2Y Lts) has been established, until 7 April 2021, in position 38° 02' 01.2"N., 139° 13' 26.4"E. .
2. A submarine current meter set, 0.5m above the seabed, has been established, until 7 April 2021 in position 37° 59' 26.4"N., 139° 13' 24.9"E.  
(WGS84 DATUM)

**Charts affected - JP 1155B - JP 1197**

### 1259(T)/21 KOREA - West Coast - Buoy.

Source: Korean Notice 3/65(T)/21

1. The following buoy has been moved:

<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
ODAS	35° 38'·58N., 126° 21'·52E.	35° 31'·77N., 126° 23'·81E.

2. Mariners are advised to navigate with caution in the area.  
(WGS84 DATUM)

**Chart affected - 913 (INT 5254)**

### 1278(T)/21 KOREA - West Coast - Buoy.

Source: Korean Notice 4/110(T)/21

1. An ODAS light-buoy, FI(5)Y.20s, has been temporarily established in position 32° 50'·00N., 124° 44'·00E.  
(WGS84 DATUM)

**Chart affected - 3480**

## II

### 1285(T)/21 KOREA - South Coast - Buoyage.

Source: Korean Notices 2/35(T)/21 and 3/63(T)/21

- The following lateral light-buoys have been moved:

<i>Characteristic</i>	<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
<i>Fl.G.6s</i>	<i>No 101</i>	34° 50'·74N., 127° 39'·93E.	34° 50'·86N., 127° 39'·82E.
<i>Fl.R.6s</i>	<i>No 102</i>	34° 50'·79N., 127° 39'·95E.	34° 50'·89N., 127° 39'·88E.

- Special light-buoys, *Fl(4).Y.8s*, have been established in the following positions:

<i>Designation</i>	<i>Position</i>
<i>No A</i>	34° 50'·88N., 127° 40'·05E.
<i>No B</i>	34° 50'·76N., 127° 39'·99E.

- Mariners are advised to navigate with caution in the area.  
(WGS84 DATUM)

**Chart affected - 3390 (INT 5362)**

### 1205(P)/21 MEXICO - Gulf of Mexico - Works. Buoyage. Lights. Depths. Traffic separation schemes. Obstruction. Alongside depths. Floating dock.

Source: ENC's MX583110 and MX483100

- There have been extensive changes to the approaches and within the Ports of Coatzacoalcos and Pajaritos  
18° 10'·569N., 94° 25'·052W.
- There have been numerous changes to buoyage and lights within the port from 18° 10'·049N., 94° 24'·879W.
- Depths less than charted exist in the approaches and anchorages. The most significant are as follows:

<i>Depth</i>	<i>Position</i>	<i>Anchorage</i>
24·5m	18° 20'·46N., 94° 30'·35W.	
25·5m	18° 19'·97N., 94° 29'·80W.	
29m	18° 20'·37N., 94° 24'·63W.	
25·5m	18° 20'·00N., 94° 25'·34W.	
25·5m	18° 15'·80N., 94° 28'·34W.	
18·1m	18° 13'·35N., 94° 29'·22W.	A
29·5m	18° 14'·69N., 94° 24'·70W.	C
29·5m	18° 14'·36N., 94° 24'·75W.	C

- A new TSS has been established as follows:  
Limit of routeing measure, pecked line, joining:  
18° 18'·03N., 94° 28'·41W.  
18° 10'·54N., 94° 25'·81W.  
Limit of routeing measure, pecked line, joining:  
18° 10'·54N., 94° 24'·21W.  
18° 18'·03N., 94° 26'·81W.  
A separation line, pecked line, joining:  
18° 10'·55N., 94° 25'·02W.  
18° 18'·04N., 94° 27'·61W.
- A new ODAS buoy has been established, *Fl.Y.2s*, in position 18° 12'·50N., 94° 25'·65W.
- Light, J4336, has been amended to Fl(2)16s59m18M, in position 18° 09'·041N., 94° 24'·041W.
- Two lights, Iso.G.2s6m4M, have been established in positions 18° 08'·771N., 94° 24'·283W. and 18° 08'·621N., 94° 24'·284W.
- A light-buoy has been established, *Fl(3)G.6·5s*, in position 18° 08'·694N., 94° 24'·464W.
- An obstruction with unknown depth exists between 18° 08'·573N., 94° 24'·459W. and 18° 08'·303N., 94° 24'·499W.

## II

### 1205(P)/21 MEXICO - Gulf of Mexico - Works. Buoyage. Lights. Depths. Traffic separation schemes. Obstruction. Alongside depths. Floating dock. (continued)

10. Alongside depths in Darsena De Pajaritos have got deeper. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
12.9m	18° 07' .580N., 94° 24' .402W.
13.2m	18° 07' .461N., 94° 24' .401W.
13.2m	18° 07' .908N., 94° 24' .183W.
15.3m	18° 07' .888N., 94° 24' .118W.
13.3m	18° 07' .914N., 94° 23' .831W.
12.7m	18° 07' .735N., 94° 23' .362W.
13.2m	18° 07' .649N., 94° 23' .373W.

11. A floating dock has been established at position 18° 07' .280N., 94° 25' .292W.

12. Depths less than charted exist in the Rio Coatzacoalcos. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
9.6m	18° 08' .578N., 94° 24' .654W.
7.7m	18° 07' .507N., 94° 24' .947W.
9.3m	18° 07' .437N., 94° 25' .043W.
6.7m	18° 07' .406N., 94° 24' .990W.

13. Mariners are advised to navigate with caution in the area and to consult the local port authority for the latest information.

14. These changes will be included in a New Edition of Chart 2751 to be published early 2021.

(WGS84 DATUM)

**Chart affected - 2751**

### 1222(T)/21 WEST INDIES - Windward Islands - Wreck.

Source: French Notice 1/7(T)/21

1. A wreck has been reported in position 14° 36' .413N., 61° 01' .575W.

2. Mariners are advised to navigate with caution in the area.

(WGS84 DATUM)

**Chart affected - 368**

*To accompany Notice to Mariners 1232/21*

*On Chart 666*

LIKONI FLOATING BRIDGE

(04° 04'·4S., 39° 39'·4E.)

The bridge will be opened to allow the safe passage of vessels. For further details, see ADMIRALTY Sailing Directions, ADMIRALTY List of Radio Signals and consult Kenya Ports Authority.

*To accompany Notice to Mariners 1231/21*

*On Chart 1628*

AUTOMATIC IDENTIFICATION SYSTEMS  
AIS transmitters on aids to navigation are not shown on this chart. V-AIS will be shown. For details, see ADMIRALTY List of Radio Signals.

*To accompany Notice to Mariners 1252/21*

*On Chart 1629*

AUTOMATIC IDENTIFICATION SYSTEMS  
AIS transmitters on aids to navigation are not shown on this chart. V-AIS will be shown. For details, see ADMIRALTY List of Radio Signals.

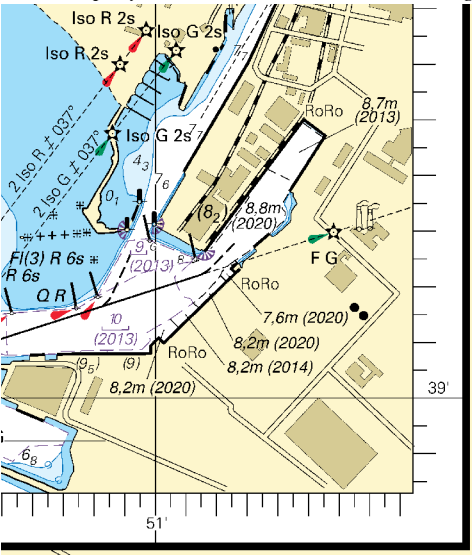
*To accompany Notice to Mariners 1283/21*

*On Chart NZ 41*

AREA TO BE AVOIDED  
In order to avoid the risk of pollution and damage to the environment in the area around Manawatāwhi / Three Kings Islands (declared a Wildlife Sanctuary) ships of 500 gross tons or more should avoid the area.



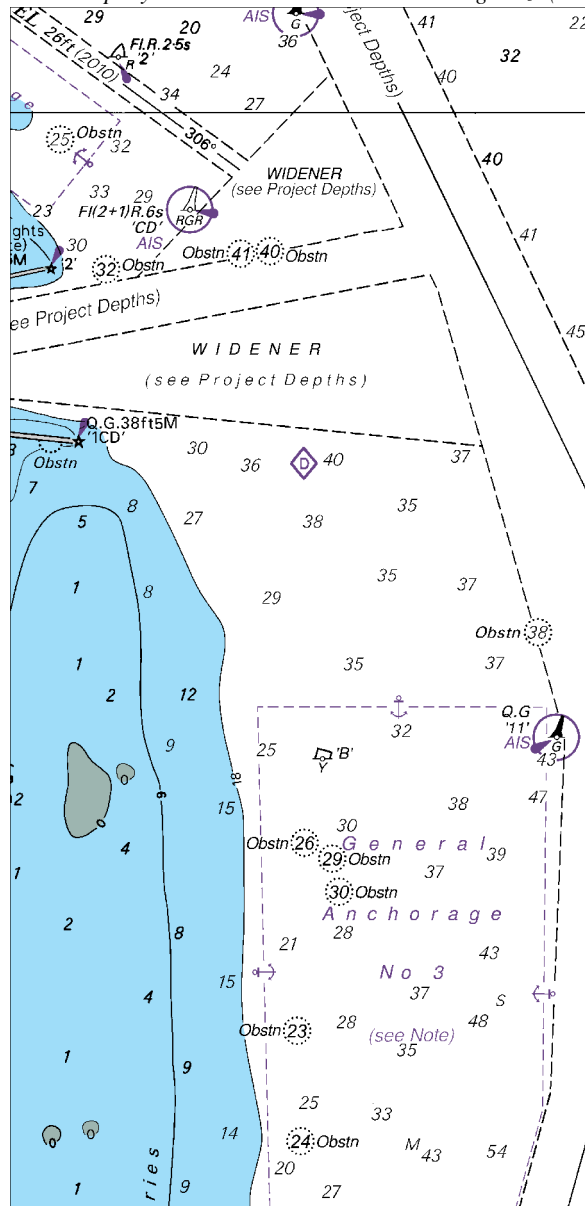
To accompany Notice to Mariners 1201/21. Image Size (mm) 73 by 62.6



Block for Chart No 875

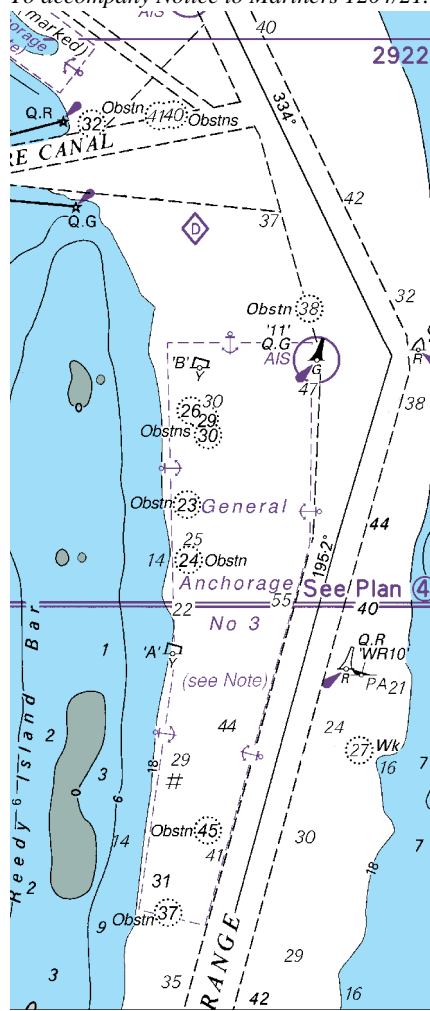


To accompany Notice to Mariners 1204/21. Image Size (mm) 158.5 by 76.5



Block A for Chart No 2603

To accompany Notice to Mariners 1204/21. Image Size (mm) 132 by 55.7

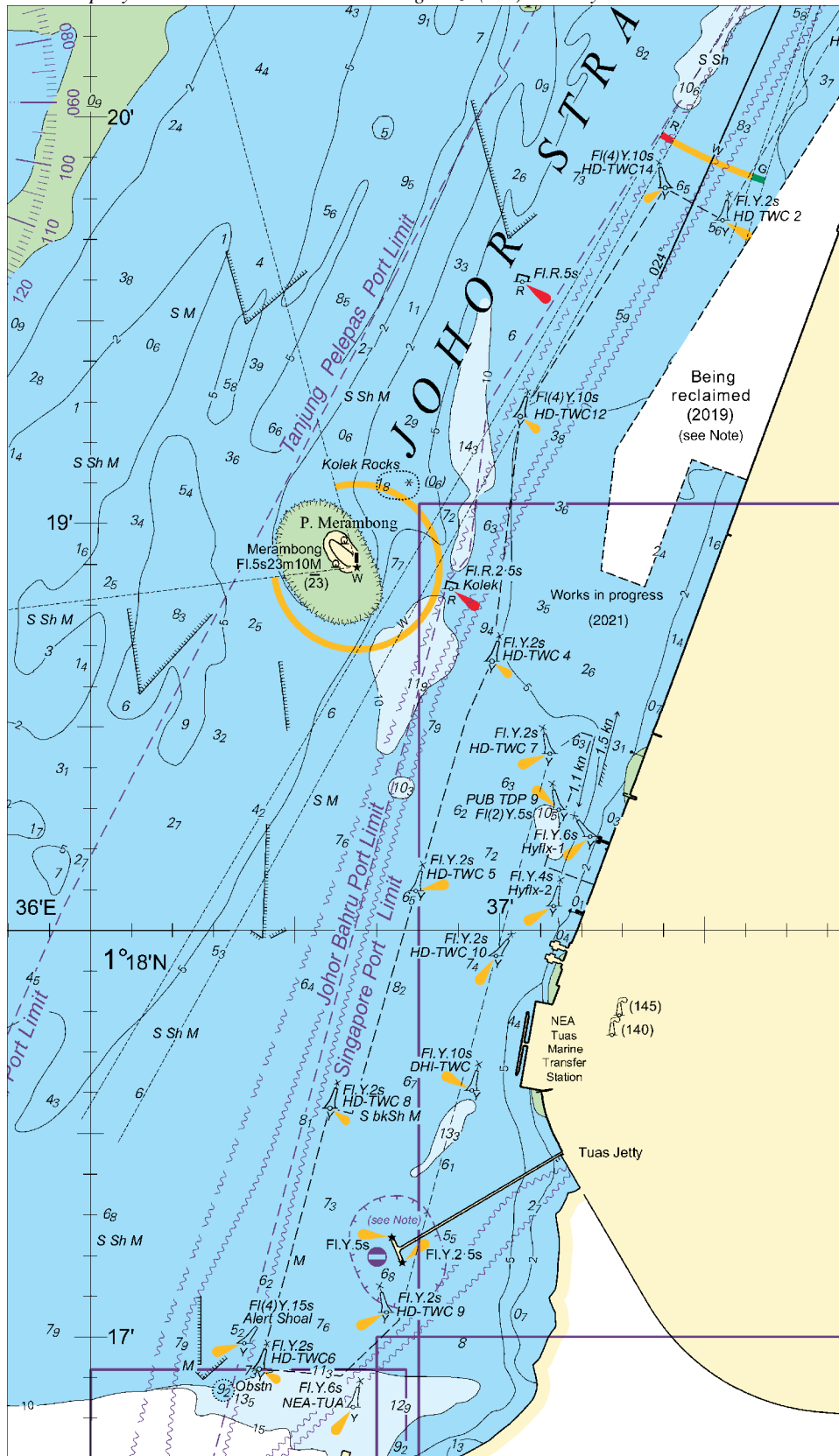


Block B for Chart No 2603



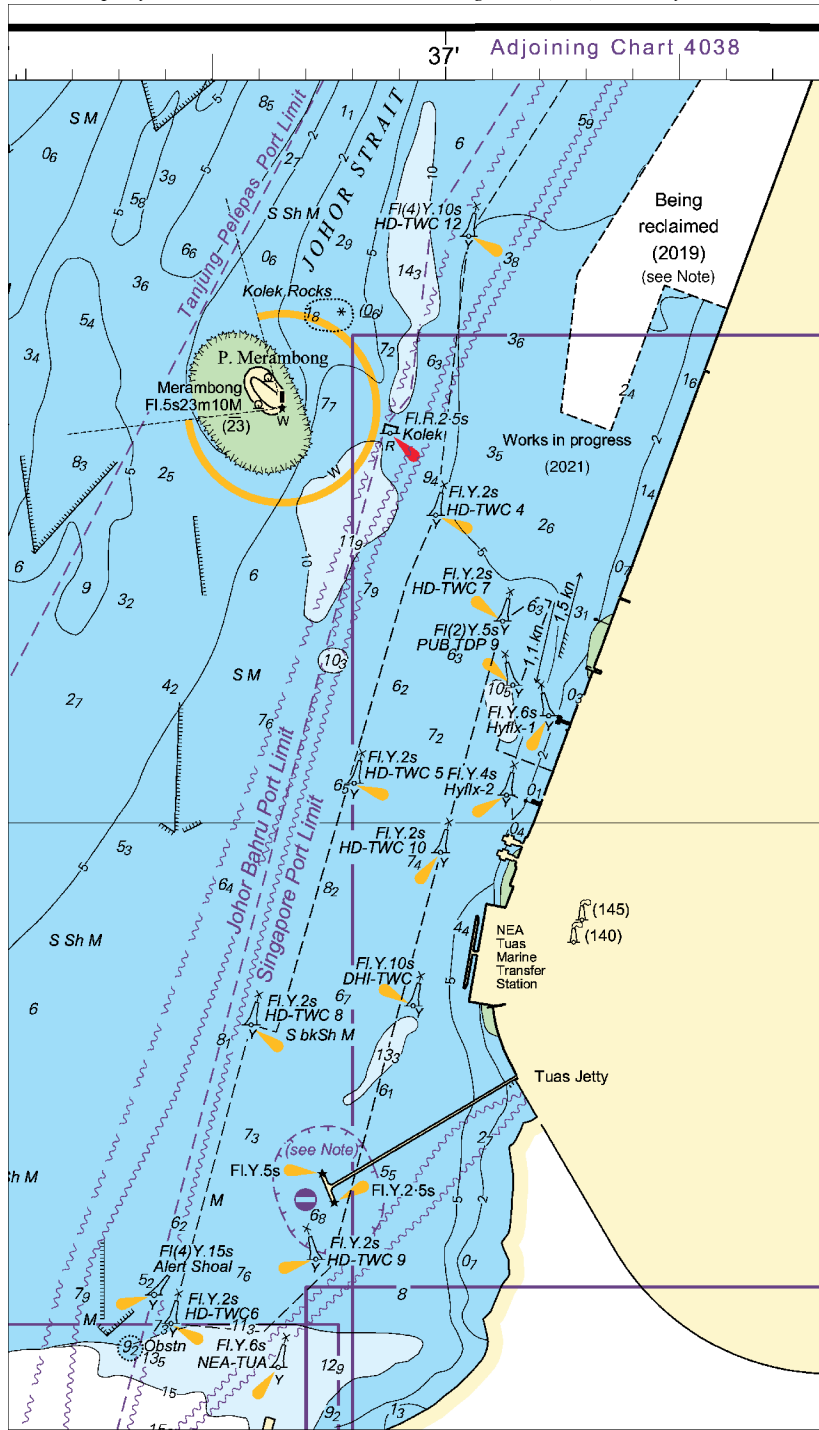






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To accompany Notice to Mariners 1218/21. Image Size (mm) 188.4 by 108.1

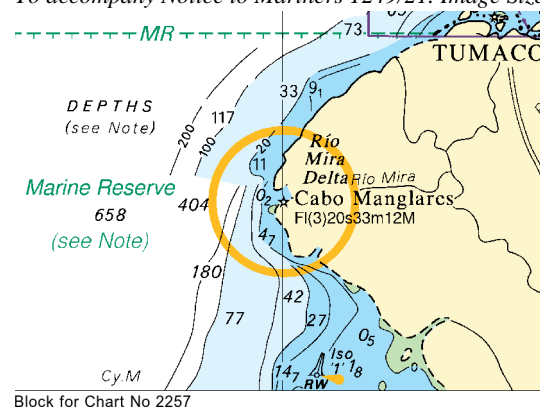


Block for Chart No 4040

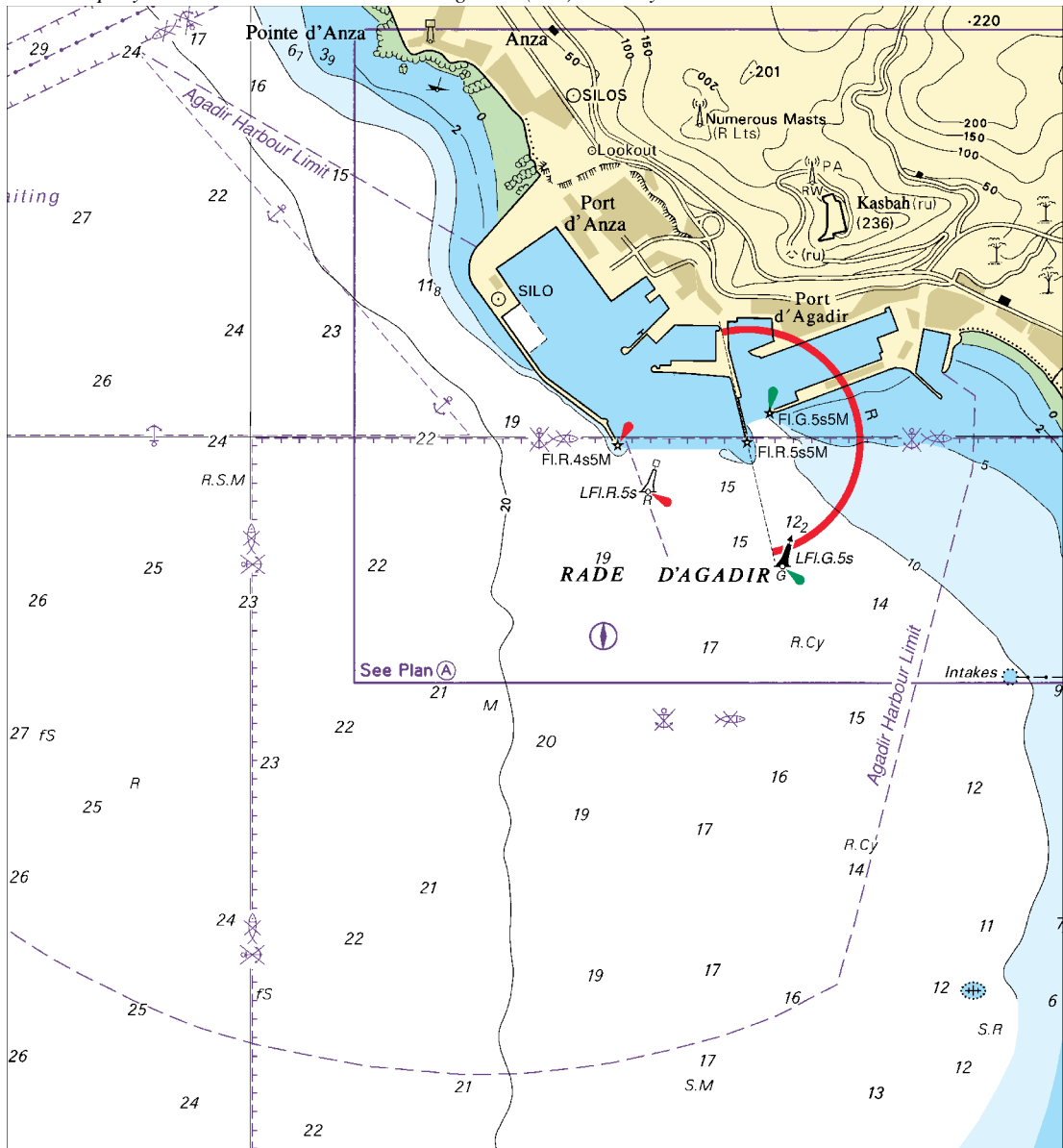




To accompany Notice to Mariners 1249/21. Image Size (mm) 50.2 by 69.5

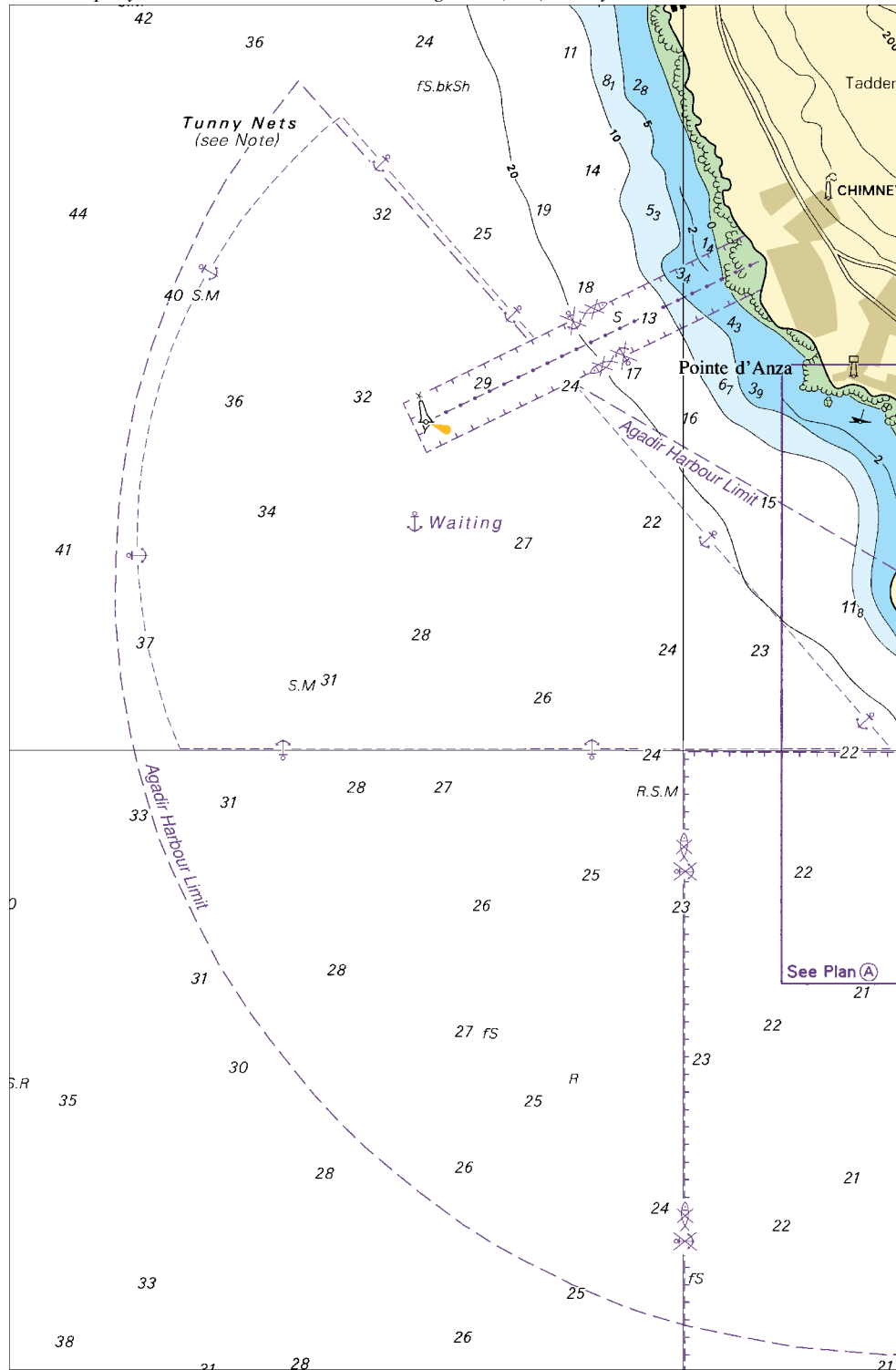


To accompany Notice to Mariners 1250/21. Image Size (mm) 157.1 by 145.1



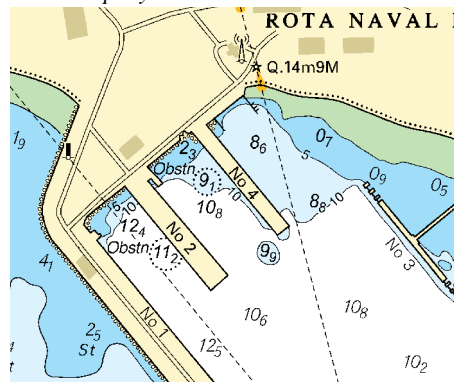
Block B for Chart No 863

To accompany Notice to Mariners 1250/21. Image Size (mm) 198 by 129.3



Block A for Chart No 863

To accompany Notice to Mariners 1279/21. Image Size (mm) 50 by 59



Block for Chart No 86

### III

#### NAVIGATIONAL WARNINGS

See *The Mariner's Handbook (2020 Edition)*. Only the most convenient ADMIRALTY Chart is quoted. All warnings issued within the previous 42 days are broadcast via SafetyNET and/or NAVTEX.

The complete texts of all in-force NAVAREA I warnings, including those which are no longer being broadcast, are available from [www.admiralty.co.uk/RNW](http://www.admiralty.co.uk/RNW). Additionally, a quarterly cumulative list of the complete text of all in-force NAVAREA I Warnings is included in Section III of the Weekly NM Bulletin in Weeks 1, 13, 26 and 39 each year.

Alternatively, these may be requested by e-mail from NAVAREA I Co-ordinator at: [navwarnings@ukho.gov.uk](mailto:navwarnings@ukho.gov.uk)

The RNW web page also contains a link to the IHO website which allows direct access to all the other NAVAREA Co-ordinators around the world who have made their NAVAREA warnings available on the web.

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Weekly Edition 12, published on the UKHO website 15 Mar 21.

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Navarea I (NE Atlantic) *Weekly Edition 12*

The following NAVAREA I warnings were in force at 150500 UTC Mar 21.

2021 series: 015, 028, 029, 030.

Summary of Navarea I warnings issued since Weekly Edition 11:

028 1. Navarea I warnings in force at 121000 UTC Mar 21. 2. Cancel 026/21.

029 NORTH SEA AND ENGLISH CHANNEL. Agotnes, Norway, to Aliaga, Turkey.  
Tug *ALP Defender* towing unmanned rig *Leiv Eiriksson* from 60-39N 004-13E at 132100 UTC Mar via 54-05N 003-25E, DW Route, DR1 53-07N 002-40E, Dover Strait TSS, English Channel via Off Casquets TSS, 50-01N 002-57W, and outside Off Ushant TSS at 49-04N 006-19W.  
ETA Aliaga 15 Apr 21. Speed 4 to 5 knots.  
Length of tow 1000 metres with trailing emergency tow lines of 160 metres, with floating buoys.  
Wide berth requested.

030 1. RIGLIST. Correct at 150500 UTC Mar 21.

Southern North Sea: 51N to 55N  
NEW 53-05.8N 001-45.8E Valaris 72 ACP Hewett Gas Field  
53-07.1N 002-06.3E Seafox 4 ACP Leman Gas Field  
53-14.0N 003-14.5E 590021  
53-14.9N 002-01.5E Ensc0 92 ACP Vulcan Gas Field  
53-38.7N 000-36.2E Erda ACP Amethyst 47/14-C1D  
53-46.1N 006-17.7E Prospector 1  
54-02.5N 000-26.5E Valaris 123

North Sea: 55N to 60N, East of 5W  
56-16.7N 003-23.7E Maersk Invincible ACP Valhall Oil Field  
56-43.5N 002-12.5E Ensc0 120 ACP Jasmine Gas Field  
56-58.9N 002-57.5E Maersk Integrator ACP Tambar Oil Field  
57-00.6N 001-55.1E Safe Zephyrus  
57-00.8N 001-50.5E Maersk Highlander ACP Culzean Gas Field  
57-01.9N 001-57.3E Valaris 122 ACP Shearwater Oil Field  
57-08.0N 001-08.7E Prospector 5  
57-09.2N 001-40.4E Valaris Gorilla VI  
57-21.0N 002-05.2E Maersk Resilient  
57-29.0N 002-03.1E Ocean Endeavor  
57-45.0N 001-04.8E Ocean Patriot  
57-48.9N 004-32.0E Maersk Inspirer ACP YME platform  
57-57.6N 000-55.1W Noble Sam Hartley ACP Golden Eagle Oil and Gas Field  
58-04.1N 001-49.6E COSL Innovator  
58-19.5N 000-41.9E Paul B Loyd Junior  
58-43.6N 002-09.0E West Bollsta  
58-50.5N 002-14.9E Rowan Viking alongside platform under construction, Norwegian Sector  
58-50.7N 001-44.6E Rowan Stavanger ACP Gudrun Oil and Gas Field  
59-35.4N 001-03.4E Noble Lloyd Noble ACP Mariner Oil Field

Norwegian Sea: 60N to 65N, East of 5W  
60-27.4N 002-41.6E Askepott  
60-30.4N 002-00.9E Maersk Intrepid ACP Martin Linge platform  
60-46.1N 003-36.6E COSL Promoter  
60-50.6N 003-34.5E Transocean Equinox  
60-53.5N 003-40.2E Transocean Endurance  
60-58.4N 003-30.2E West Hercules

### III

	61-05.8N	002-11.5E	Deepsea Atlantic
	61-16.6N	003-39.8E	West Mira
	61-29.7N	002-08.8E	Transocean Spitsbergen
	61-33.7N	002-02.1E	Deepsea Yantai
NEW	Agotnes		Transocean Encourage
	64-53.2N	007-04.1E	Transocean Norge
	South and West Coasts of the British Isles		
	53-48.9N	003-33.6W	JB-115 ACP DP3 South Morcambe Gas Field

#### NOTES:

- A. Rigs are protected by a 500 metre safety zone.
  - B. ACP - Adjacent to Charted Platform.
  - C. For Rigs located North of 65N, East of 5W, refer to Navarea XIX Warnings or visit [www.navarea-xix.no](http://www.navarea-xix.no)
2. Cancel 027/21.

## UPDATES TO ADMIRALTY SAILING DIRECTIONS

### NP5 South America Pilot Volume 1 (2017 Edition)

#### Brazil - South coast - Porto de São Francisco do Sul — Depths

263

Paragraph 8.120 1-4 *Replace by:*

#### Basins and berths

##### 8.120

- 1 **Maximum** size of vessel: 120 000 dwt, 250 m LOA, draught 11 m.

##### Inner anchorages:

No 1 (26°14'15S 48°39'00W) for vessels up to 215 m in length and draught 7.8 m.

No 2 (26°14'70S 48°38'62W) for small vessels, yachts and sailing boats.

No 3 (26°12'50S 48°37'68W) preferably for vessels greater than 150 m in length and more than 8 m draught.

- 2 No 4 (26°12'60S 48°37'00W) preferably for vessels with a draught less than 8 m.

Nos 5 (26°11'00S 48°35'00W) and 6 (26°10'40S 48°34'00W) preferably for vessels with a draught of more than 10 m.

- 3 **Alongside berths.**

Berth 101 (26°14'07S 48°38'25W): 225 m in length; depth about 10 m. Operated by Bunge Alimentos for handling grain.

Administracao do Porto de Sao Francisco do Sul (APSFS) berths, handling container and RoRo cargoes. Berth 102 (26°14'14S 48°38'18W); 200 m in length; depth about 11 m. Berth 103 (26°14'21S 48°38'11W); 170 m in length; depth about 13 m. Berth 201 (26°14'28S 48°38'15W); 272 m in length; depth about 10 m.

Terminal Portuario Santa Catarina (TESC) berth (26°14'20S 48°38'35W), handling containers and RoRo cargoes. NE side: 384 m in length; depth about 9 m. SE side: 264 m in length; depth about 11.5 m.

A privately-owned wharf accommodating ships of 5.5 m draught or less is situated at 26°14'42S 48°38'40W; another wharf and a pier for customs launches are situated close to it.

- 4 Saí Pier, from which a light (8.119) is exhibited, extends from the N bank of the river, 6 cables SW of Ponta do Alvarenga (26°12'84S 48°39'40W).

Brazilian Notice 1/4(P)/21 **[NP5-No 121-Wk 12/21]**

### NP19 Baltic Pilot Volume 2 (2018 Edition)

#### Sweden - Malaren east side - Nockebybron — Directions; prohibited anchorage

241

Paragraph 6.113a 1 including existing Section IV Notice Week 43/19 *Replace by:*

#### Traffic regulations

##### 6.113a

- 1 **Prohibited anchorage.** Anchoring is prohibited within 50 m of pipelines laid across the channel between 59°20'93N 17°49'71E and 59°21'41N 17°50'20E.

Owing to the existence of submarine cables and pipelines, anchoring is prohibited in an area NW and SE of Nockebybron (6.115).

See also 1.70.

ENC SE4DIE9Y (74.000) **[NP19-No 122-Wk 12/21]**

### NP21 Bay of Bengal Pilot (2019 Edition)

#### Bangladesh - Chattogram Coast - Matarbari Island — SPM; prohibited area

123

*After* Paragraph 4.62 1 line 5 *Insert:*

Entry is prohibited into an area of 500 m radius surrounding a SPM (21°37'65N 91°47'09E), SW of Matarbari Island (4.72a).

ENC BD407429 (1.004) **[NP21-No 26-Wk 12/21]**

#### Bangladesh - Chattogram Coast - Matarbari Island — Directions; SPM; prohibited area

124

*After* Paragraph 4.65 2 line 16 *Insert:*

W of a prohibited area centred on a SPM (4.62), thence:

ENC BD407429 (1.004) **[NP21-No 27-Wk 12/21]**

**Bangladesh - Chattogram Coast -  
Matarbari Island — Port of Matarbari**

125

After Paragraph 4.72 1 line 2 *Insert*:

**Matarbari**

**General information**

**4.72a**

1 **Position and function.** Matarbari (21°42′.12N 91°52′.42E) lies on the W side of Matarbari Island (21°42′.42N 91°53′.10E), at the S entrance to Kutubdia Channel (4.71). The port was originally built for the Matarbari power plant, but is now being developed into a deep water port.

**Port authority.** The port lies within Chattogram port limits. See 4.75.

**Limiting conditions**

**4.72b**

1 **Controlling depth.** The approach channel is subject to frequent change, see 4.61. For further details contact local authorities.

**Arrival information**

**4.72c**

1 **Outer anchorage.** Vessels bound for terminals at Matarbari may anchor in the designated anchorage area (21°34′.98N 91°47′.99E).

**Pilotage** is compulsory. Pilots board in the vicinity of 21°38′.00N 91°49′.70E.

**Harbour**

**4.72d**

1 **Development.** Works are in progress (2021) to develop a deep sea port, to reduce pressure on the Port of Chittagong.

Breakwaters, a 300 m long multipurpose terminal and a 460 m long container terminal are being constructed, due for completion in 2026.

The harbour and entrance channel are planned to accept vessels with a maximum permissible draught of 16 m.

**Directions for entering harbour**

**4.72e**

1 From a position in the outer anchorage, the approach leads NNE, through the S part of Kutubdia Channel (4.71), marked by light buoys (lateral), thence between the breakwaters into the port.

Bangladeshi Notice 28/20; ENC BD407429 (1.004)

[NP21-No 28-Wk 12/21]

**NP32A China Sea Pilot Volume 3 (2020 Edition)**

**China – East China Sea – North Taiwan Strait —  
Directions; wind farm**

161

After Paragraph 4.258 1 line 9 *Insert*:

ESE of two wind farms (25°47′.25N 119°59′.65E) under construction (2021), marked by light buoys (special), thence:

GB Chart 2419/21

[NP32A-No 73-Wk 12/21]

**China – East China Sea – North Taiwan Strait —  
Directions; wind farm**

162

After Paragraph 4.259 4 line 2 *Insert*:

WSW of two wind farms (25°47′.25N 119°59′.65E) (4.258), thence:

Paragraph 4.259 5 lines 1-2 *Delete*

GB Chart 2419/21

[NP32A-No 74-Wk 12/21]

**China – East China Sea – North Taiwan Strait -  
Songxia Gang — Directions; wind farm**

162

After Paragraph 4.264 2 line 8 *Insert*:

SW of two wind farms (25°47′.25N 119°59′.65E) (4.258), thence:

GB Chart 2419/21

[NP32A-No 75-Wk 12/21]

**NP32B China Sea Pilot Volume 4 (2020 Edition)**

**South Korea - West coast -  
West of Heosa Gundo — Directions; platform**

183

After Paragraph 5.131 1 line 2 *Insert*:

Clear of Soheosado offshore platform (lit) (35°08′.32N 125°40′.13E), thence:

Korean Notice 3/48/2021

[NP32B-No 8-Wk 12/21]



**South Korea – West coast –  
Shin Seocheon Terminal — Port information**

192

Paragraph 6.11 including heading *Replace by*:

**Shin Seocheon Terminal  
6.11**

- 1 **General information.** The terminal (36°08'·70N 126°29'·42E) serves a thermal power plant close N of the original Seocheon Thermal Power Plant Units 1 and 2, reported closed (2017), at Biin Hang (6.12). Hong-won Hang (36°09'·55N 126°30'·20E), a small fishing harbour protected by two breakwaters, lies N of the power plant.
- 2 **Directions.** The terminal is approached from the vicinity of Boryeong pilot boarding position (6.19). The track leads E, NE and NNE through a channel marked by light buoys (lateral) between two extensive shoal banks.
- 3 Once clear of the E bank, a fairway marked by light buoys (lateral) leads generally SE across a bank with depths of about 9 m, to a position about 1½ miles NNW of Gwangam Light (red round concrete tower, 15 m in height) (36°09'·93N 126°29'·49E) situated on an islet surrounded by a drying bank.
- 4 The track then leads SSE to the terminal, passing:
  - ENE of an extensive area of obstructions and marine farms, and:
  - WSW of Gwangam Light and shoal patches extending NW about 5 cables from the islet, thence:
  - ENE of Hanyeo Light (36°09'·30N 126°28'·51E) (red concrete tower, 15 m in height) marking a drying reef and shoal areas extending SE to the fairway.
- 5 **Useful marks:**
  - Hong-won Hang W Breakwater Head Light (red round concrete tower, 11 m in height) (36°09'·69N 126°30'·21E).
  - Hong-won Hang Head Light (red round concrete tower, 15 m in height) (36°09'·66N 126°30'·39E).
- 6 **Anchorage.** Anchorage can be obtained between Ungseo Man and the fairway in 9 to 11 m, mud and sand. Ungseo Man (36°11'·40N 126°30'·60E), a bay which dries on its E side, lies between the islets Gwangam (36°09'·88N 126°29'·48E) to the S, and Hwangjukdo (36°12'·74N 126°30'·32E) to the N. Drying rocks lie up to 9 cables WSW of Hwangjukdo.
- 7 **Berths.** A T-shaped jetty extended by dolphins, length about 245 m, extends W from shore, depth about 8 m. A smaller L-shaped jetty lies inshore, close S.
 

**Caution.** The bottom in the area of the terminal is foul. Numerous rocks and obstructions, some with depths less than 2 m, and numerous marine farms, lie close to the fairway margins near the terminal.

Korean Notice 3/37/21 [NP32B-No 9-Wk 12/21]

**South Korea – West coast – Pega Man —  
Bay; anchorage**

192

Paragraph 6.13 including heading *Replace by*:

**Spare  
6.13**

Korean Notice 3/37/21 [NP32B-No 10-Wk 12/21]

**NP38 West Coast of India Pilot (2019 Edition)**

**India – Terekhol River to Mālvan Bay –  
West-south-west of Vengurla Rocks —  
Directions; wreck**

205

*After Paragraph 7.22 2 line 9 Insert:*

Clear of a dangerous wreck (15°49'·00N  
73°20'·00E), position approximate, and:

Indian Notice 2/44/21 [NP38-No 41-Wk 12/21]

**India – West coast – West part of  
Gulf of Kachachh — Directions; wrecks**

264

Paragraph 9.18 2 lines 1–2 *Replace by*:

- 2 Clear of two dangerous wrecks (22°23'·05N  
68°42'·10E and 22°23'·96N 68°42'·31E),  
positions approximate, thence:

Indian Notice 2/42/21 [NP38-No 42-Wk 12/21]

**NP43 South and East Coasts of Korea, East  
Coast of Siberia and Sea of Okhotsk Pilot  
(2020 Edition)**

**South Korea – South coast – Gajodo Sudo —  
Directions; fish havens**

162

Paragraph 3.282 1 lines 8–9 *Replace by*:

**Caution.** Numerous fish havens lie within, and in the approaches to, Gajodo Sudo.

Korean Chart 2284/20 [NP43-No 46-Wk 12/21]

**South Korea - South coast - Gohyeon Hang —  
Basins; berths; anchorages**

164

Paragraph 3.289 including heading *Replace by*:

**Basins and berths**

**3.289**

- 1 **Basins.** The shipyard is arranged into three basins as follows:

First basin, close W of Jukdo (34°54'·29N 128°36'·36E) (3.287), is divided in two by a pier 7½ cables long which passes over Gyuldo (34°54'·35N 128°36'·01E), an islet 10 m high. A rocky shoal, with a least depth of 7·3 m, extends up to 2 cables NNW of Gyuldo. The berths in the basin have charted depths from about 2 to 14 m alongside;

- 2 Second basin, 6 cables WNW of Jukdo, is separated from the first basin by a long pier. It has quays with charted depths from about 6 to 15 m alongside;

Third basin, 1¼ miles NW of Jukdo, comprises several floating drydocks.

- 3 **Berths.** There are multiple docks and minor jetties S and E of Jukdo with charted depths from about 6 to 10 m alongside. There is also a dolphin pier extending N from a point 3 cables ESE of Jukdo, with depths alongside from 5 to 10 m.

Several berths have been constructed on reclaimed land (34°56'·00N 128°35'·70E), with depths alongside of 11 m or less.

- 4 **Anchorages and moorings.**

The harbour is divided into three unrestricted anchorage areas as follows:

Anchorage Area 1 (34°54'·19N 128°36'·82E);

Anchorage Area 2 (34°54'·82N 128°36'·19E);

Anchorage Area 3 (34°55'·53N 128°35'·15E).

- 5 Three lighted tanker mooring buoys are established off the port as follows:

A Buoy (34°56'·12N 128°34'·07E);

B Buoy (34°55'·83N 128°34'·65E);

C Buoy (34°55'·90N 128°33'·40E).

Korean Chart 2284/20

[NP43-No 47-Wk 12/21]

**NP44 Malacca Strait and West Coast of  
Sumatera Pilot (2019 Edition)**

**Indonesia - Singapore Strait - Pulau Batam -  
Batampar — Anchorage; wreck**

187

Paragraph 7.54 9 including Section IV Notice Week 31/20 *Replace by*:

- 9 **Caution.** The following dangers lie within the anchorage areas W of Batampar:

A dangerous wreck (1°10'·96N 103°56'·97E), reported (2020), lies within the general cargo anchorage.

A dangerous wreck (1°11'·01N 103°57'·41E), reported (1977), lies within the general cargo anchorage.

A stranded wreck (1°09'·23N 103°55'·63E), marked by a light buoy (special), lies in the SW corner of the sea trial anchorage.

A dangerous wreck (1°09'·50N 103°56'·79E), reported (2020), lies within the waiting area anchorage.

Indonesian Chart 44 Ed.10 (2020)

[NP44-No 38-Wk 12/21]

**NP54 North Sea (West) Pilot (2018 Edition)**

**England - River Humber - Hull – River Trent and  
River Ouse — Pilot boarding point**

161

Paragraph 7.4 7 lines 6–10 *Delete*

Correction ABP Humber 18/01/21

[NP54-No 37-Wk 12/21]

**NP57A Norway Pilot Volume 2A (2019 Edition)**

**Rogaland - Sirafjorden - Karmøy - Kallstø —  
Directions; light sector**

155

Paragraph 5.77 1 including existing Section IV Notice Week 10/21 *Replace by*:

- 1 From the vicinity of 59°07'·20N 4°48'·10E, S of Utsira Light (59°18'·41N 4°52'·27E) (5.10), the track leads NE through Sirafjorden, passing:  
NW of Ferkingstadøyane (59°13'·90N 5°03'·25E) (5.85), a group of islets. The islets are covered by the red sector (084·5°–095°) and green sector (095°–103·5°) of Ferkingstadneset Light (column, 9 m in height) (59°13'·61N 5°10'·18E). Thence:

Norwegian Notice 1/63699/21; Norwegian LL 127500

[NP57A-No 55-Wk 12/21]

**Rogaland - Sirafjorden - Karmøy - Kallstø —  
Directions; light sector**

160

Paragraph 5.93 2 lines 1–5 *Replace by*:

- 2 W of Helganesboen (59°21'·33N 5°10'·99E), a rock lying close off Helganeset; the rock is marked by a lattice beacon. Thence:

Norwegian Notice 1/63699/21; Norwegian LL 129200

[NP57A-No 56-Wk 12/21]

**Hordaland - Osterfjorden - Sørfjordskallen —  
Directions; rocks; beacon**

321

Paragraph 9.219 *1* lines 1-6 *Replace by:*

- 1* From a position about 5 cables NW of Hordvikneset (60°31'·60N 5°18'·00E) the track leads initially ESE, passing SSW of Sørfjordskallen (60°32'·38N 5°19'·45E), a shoal area with numerous dangerous rocks, marked by Hamarsflu Beacon (isolated danger) on its E side. Thence the track leads SE in mid-channel, passing:

Norwegian Notice 1/63678/21

[NP57A-No 51-Wk 12/21]

**Hordaland - Osterfjorden - Sørfjordskallen —  
Directions; rocks**

324

Paragraph 9.247 *1* lines 3-6 *Replace by:*

NW of Sørfjordskallen (60°32'·38N 5°19'·45E) (9.219), lying 4½ cables WSW of Hamarsneset (60°32'·50N 5°20'·51E) the S entrance point of Osterfjorden, thence:

Norwegian Notice 1/63678/21

[NP57A-No 52-Wk 12/21]

**Hordaland - Osterfjorden - Sørfjordskallen —  
Directions; rocks**

324-325

Paragraph 9.248 *1* lines 1-8 *Replace by:*

- 1* **At night** from the entrance to Osterfjorden the track leads NE within the white sector (052°-052·7°) of Bernestangen Light until 1½ miles from the light; care is needed as this white sector passes over the NW side of Sørfjordskallen (9.219), with numerous dangerous rocks. Thence, having rounded Bernestangen, the track leads NE within the white sector (237·5°-242·9°), astern, of the latter light, into the white sector (019·1°-022°) of Askjelneset Light.

Norwegian Notice 1/63678/21

[NP57A-No 53-Wk 12/21]

**Sogn og Fjordane - Bulandet - Nikkjøyna —  
Directions; rocks**

406

After Paragraph 11.90 *5* line 5 *Insert:*

SE of a dangerous underwater rock (61°16'·87N 4°38'·03E), and:

Paragraph 11.90 *7* lines 1-5 *Replace by:*

- 7* The channel E of Steinsøy is entered close WSW of Hovden Light (61°16'·93N 4°38'·61E) (11.88), numerous dangerous rocks lie within the channel and its approaches. A light (starboard hand) (61°16'·97N 4°38'·51E) is exhibited from the edge of drying ground off the NE side of Steinsøy at the N end of this channel.

Norwegian Notice 1/63735/21

[NP57A-No 54-Wk 12/21]

**NP57B Norway Pilot Volume 2B (2017 Edition)**

**Møre og Romsdal - Smøla - Olsøysvaet —  
Directions; light**

238

Paragraph 6.16 *2-5* including existing Section IV Notice Week 49/20 *Replace by:*

- 2* Thence from a position about 1 mile W of Skardholmen Light the track leads ENE to a position about 2½ cables SW of Orholmskjær Ø Light (framework structure, 9 m in height) (63°21'·22N 7°46'·95E), passing:

SSE of a Svalbåen Light (63°20'·84N 7°44'·60E), which marks a rocky shoal area, thence:

NNW of a rocky shoal (63°20'·85N 7°45'·61E), marked by an iron perch.

The track then continues E into Olsøysvaet, passing:

N of a rock (63°20'·98N 7°46'·59E) with a depth of 1·0 m, marked by Olsøysvaet W Light (iron perch, 11 m in height), thence:

S of Orholmskjæret Light (pole, 5 m in height) (63°21'·17N 7°46'·72E), thence:

S of a rock (63°21'·14N 7°47'·41E) with a depth of 6·0 m, thence:

S of Skabbersøya (63°21'·30N 7°48'·90E), and:

N of Elungøyflua (63°21'·07N 7°49'·01E), marked by an iron perch.

Thence the track leads to a position in Olsøysvaet WSW of Kalvøy Light (framework structure, 6 m in height) (63°21'·46N 7°51'·56E) and Klakkavågen Light (post, 5 m in height) (63°21'·40N 7°50'·78E).

Norwegian Notice 1/63715/21; Norwegian LL 429704/429900/429800 [NP57B-No 100-Wk 12/21]

**Møre og Romsdal - Smøla - Olsøysvaet -  
Steinsøya — Directions; light**

238

Paragraph 6.18 *2* lines 1-6 *Replace by:*

- 2* **Directions.** From a position in Oddehølen S of Orholmskjæret Light (63°21'·17N 7°46'·72E) (6.16), the recommended track leads generally N for about 8 cables through a narrow channel, thence ENE for about 2 cables to the harbour; iron perches mark dangers either side of the track.

Norwegian Notice 1/63715/21; Norwegian LL 429704

[NP57B-No 101-Wk 12/21]

**NP58A Norway Pilot Volume 3A (2020 Edition)****Nord-Helgeland - Træna - Ausa —  
Directions; buoy****198**Paragraph 5.23 4 line(s) 1-8 *Replace by:*

- 4 The track then leads E, passing N of Store Rauholmen (66°31'·81N 12°05'·06E), from the middle of which Store Rauholmen Light (66°31'·81N 12°05'·06E) is exhibited, until a position is reached 4 cables E of Store Rauholmen. Thence the track, indicated by a line on the chart, leads generally SSW for through a channel marked by iron perches and beacons, passing ESE of Ausa Buoy (E cardinal) (66°30'·81N 12°04'·84E), to the open water off the NE side of Sanna. Multiple dangerous rocks lie in the vicinity of this route.

Norwegian Notice 1/63736/21

**[NP58A-No 48-Wk 12/21]****NP63 Persian Gulf Pilot (2021 Edition)****Saudi Arabia - Persian Gulf - Ra's al Khair  
Port King Salman Complex — Development****213***After Paragraph 8.171 1 line 9 Insert:*

Works are in progress (2021) to construct the King Salman Complex (27°32'·80N 49°16'·80E), planned to consist of several dry docks, around 15 berths and due to be completed in 2022. The port is protected by two breakwaters and the approach is from NE via a buoyed channel, SE of Ra's al Khair entrance channel.

UKHO

**[NP63-No 5-Wk 12/21]**

## UPDATES TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

NP74, Vol A Edition 2020. Weekly Edition No. 12, Dated 25 March 2021.

Last Updates: Weekly Edition No. 11, dated 18 March 2021.

<b>A0117</b>	- Withy hedge. Dir Lt 070° (GB:MODN)	50 20.75 N 4 07.44 W	Dir WRG	13	W13 White ▽, orange R 5 stripe, on column G 5	F G060°-065°(5°). Al WG065°-069°(4°) W Phase increasing with bearing. F W069°-071°(2°). Al WR071°-075°(4°) R Phase increasing with bearing. F R075°-080°(5°). Shown 24 hours <i>fl 0.5, ec 1, fl 0.5, ec 3.</i> Bu120°-160°(40°) Indicates Mains Power failure *
--		..	Fl(2)Bu 5s	..	10 ..	
--	- Power failure light	..	Q Y	..	.. ..	
<b>A0134</b>	- Cobbler Channel. Ldg Lts 026.5°. Front - Fisher's Nose	50 21.80 N 4 08.01 W ..	F Bu Fl(3)R 10s	.. 6	.. .. 4 Metal column 4	Intens 4° each side of leading line. Rear A0134.1 .. *
<b>A0164</b>	SOUTH COAST. PLYMOUTH SOUND. MILLBAY DOCKS					
	- Millbay Pier. Root. Dir Lt 048°30' (GB:MODN)	50 21.77 N 4 09.04 W	Dir WRG	12	W13 White concrete R 8 tower, red bands G 8 11	Q G038.5°-045.5°(7°). Q W045.5°-051.5°(6°). Q R051.5°-058.5°(7°). Q G315.5°-321.5°(6°). Q W321.5°-329.5°(8°). Q R329.5°-335.5°(6°) Indicates Mains Power failure *
----	- Power failure light	..	Q Y	..	.. ..	
<b>A0252</b>	- Torquay Harbour. Princess Pier. Head	50 27.46 N 3 31.73 W	Q R	9	6 Metal column 7	.. *
<b>A0545.55</b>	- No 3A	50 44.54 N 1 30.73 W	Fl G 2s	3	1 Green △ on green beacon	.. *
<b>A0829.3</b>	SOUTH COAST Remove from list; deleted					
<b>A1956</b>	EAST COAST. THAMES ESTUARY. OUTER. LONDON ARRAY WIND FARM					
	- Long Sand Bank. Meteorological Mast	51 35.64 N 1 23.14 E	Mo(U)W 15s	12	10 Yellow metal framework tower	..
---		..	Aero F R	84	.. ..	<b>Obstruction</b>
---		..	Horn Mo(U) 30s	..	.. ..	.. *
<b>A2203.2</b>	- Port of Felixstowe. Landguard Container Terminal. N End	51 57.05 N 1 18.75 E	2 F G(vert)	..	.. ..	.. *
<b>A2410.02</b>	- L1	53 07.56 N 0 25.85 E	Fl Y 5s	..	5 Wind turbine 77	..
--		..	Aero F R	..	.. ..	<b>Obstruction</b>
--		..	Horn 10s	..	.. ..	.. *
<b>A3446.35</b>	- Kessock Road Bridge. Main Navigation Channel. NE	57 30.00 N 4 13.86 W	Oc G 6s	28	5 On main road girder	<i>ec 2</i> *

V

NP74, Vol A Edition 2020 *continued.*

<b>A3446-37</b>	- Kessock Road Bridge. Main Navigation Channel. NW	57 30-00 N 4 13-88 W	Oc G 6s	28	5	On main road girder	<i>ec 2</i>		*
<b>A3446-4</b>	- Kessock Road Bridge. Main Navigation Channel. SE	57 29-94 N 4 13-72 W	Oc R 6s	28	5	On main road girder	<i>ec 2</i>		*
<b>A3446-42</b>	- Kessock Road Bridge. Main Navigation Channel. SW	57 29-93 N 4 13-74 W	Oc R 6s	28	5	On main road girder	<i>ec 2</i>		*
<b>A4248-5</b>	WEST COAST. SOUND OF JURA. ISLAY. PORT ELLEN Remove from list; deleted								
<b>A4555</b>	- Troon Harbour. W Pier. Traffic Signal (GB:ABP)	55 33-05 N 4 41-06 W	3 F R(vert)	9	4	Metal post attached to Pier floodlights	When lights are operational, Vessels may only proceed when advised to do so by Port Control		
	----	..	<i>By day</i>	..	0-7	..	..		
	----	..	VQ Y	..	..	..	..		
*	*	*	*	*	*	*	*		*
<b>A7871</b>	FULMAR OILFIELD Remove from list; deleted								

NP75, Vol B Edition 2020. Weekly Edition No. 12, Dated 25 March 2021.

*Last Updates: Weekly Edition No. 11, dated 18 March 2021.*

<b>B2934-5</b> NO, , 072222	- Kjerkebåen	58 07-72 N 7 59-36 E *	Fl(2)R 5s	7	..	Post 9	Floodlit		*
<b>B3005</b> NO, , 077756	- Eigelandsskjera	57 58-52 N 7 29-96 E *	Iso R 2s	..	..	..	Floodlit		*
<b>B3514</b> NO, , 126500	KARMØY - Geitungen	59 07-89 N 5 14-56 E	Oc WRG 6s	40	W15 Tower R12 11 G11		R248.7°-257°(8.3°), G257°-261.1°(4.1°), W261.1°-265.3°(4.2°), R265.3°-269.4°(4.1°), G269.4°-271.3°(1.9°), W271.3°-284°(12.7°), R284°-315.1°(31.1°), G315.1°-341.7°(26.6°), W341.7°-077.8°(96.1°), R077.8°-113.7°(35.9°) ALRS Vol 2 Station 65010		*
	--	..	Racon	..	..	..			*
					*	*			*

V

NP75, Vol B Edition 2020 *continued.*

<b>B3536</b> NO, , 132300	- Kallstø	59 20-31 N 5 11-34 E	Oc(3)WRG 10s	22	W6-4 R4-5 G4-2	Light on framework structure 6	G347.4°-009.3°(21.9°), R009.3°-025.5°(16.2°), G025.5°-035.5°(10°), W035.5°-099.3°(63.8°), R099.5°-109.4°(9.9°), G109.4°-130.7°(21.3°), W130.7°-138.4°(7.7°), R138.4°-164.3°(25.9°), G164.3°-168.7°(4.4°) *
							*
<b>B3564</b> NO, , 132300	- Glette	59 25-47 N 5 07-53 E	Iso WRG 2s	22	W 6 R4-7 G4-7	.. 3	G247.7°-265.7°(18°), W265.7°-266.8°(1.1°), R266.8°-316.1°(49.3°), G316.1°-357.4°(41.3°), W357.4°-015°(17.6°), R015°-079.5°(64.5°), G079.5°-116.4°(36.9°) *
							*
<b>B3566</b> NO, , 132400	- Gloppene. N Gloppens. E Point	59 25-74 N 5 07-64 E	Iso WRG 6s	11	W 8 R 6 G5-6	Tripod 6	G164.2°-193.1°(28.9°), W193.1°-211.7°(18.6°), R211.7°-253.5°(41.8°), G253.5°-274.4°(20.9°), W274.4°-306.7°(32.3°), R306.7°-342.3°(35.6°), G342.3°-054°(71.7°), W054°-063.5°(9.5°), R063.5°-088.4°(24.9°), G088.5°-114.8°(26.3°) *
							*

NP76, Vol C Edition 2020. Weekly Edition No. 12, Dated 25 March 2021.  
*Last Updates: Weekly Edition No. 11, dated 18 March 2021.*

<b>C1661-4</b> DK, , 3644	- Lohals Havn. Pleasure Boat Harbour. W Mole. Head	55 07-99 N 10 54-05 E	F R	3	2	Black post 2	Shown 1/3 to 15/11 *
							*
<b>C1661-6</b> DK, , 3646	- Lohals Havn. Pleasure Boat Harbour. S Mole. Head	55 08-00 N 10 54-02 E	F G	4	2	Black post 2	Shown 1/3 to 15/11 *
							*

NP77, Vol D Edition 2020. Weekly Edition No. 12, Dated 25 March 2021.  
*Last Updates: Weekly Edition No. 11, dated 18 March 2021.*

<b>D1476-6</b> ES, I, 00210	- Muelle Petroleros. Corner	43 19-29 N 1 54-47 W	Fl(2)G 7s	8	1	Green and white tower 6	<i>fl 0-5, ec 1-5, fl 0-5, ec 4-5.</i> <b>TE 2021</b> *
							*
<b>D1486</b> ES, I, 00265	- La Concha. Harbour. W Pier. Head	43 19-34 N 1 59-41 W	Fl(2)R 8s	8	5	Red post on grey 4 sided-base 5	<i>fl 1, ec 1-5, fl 1, ec 4-5</i> *
							*

V

NP77. Vol D Edition 2020 continued.

<b>D1647</b> ES, I, 02570	- Puerto de Luarca. Dique del Canouco. Head	43 32-93 N 6 32-15 W	Fl(2)R 7s	19	5 Red round tower 13	fl 0-5, ec 1-5, fl 0-5, ec 4-5 *
<b>D1657-5</b> ES, I, 02670	- Puerto de Viavélez. Breakwater. Head	43 33-95 N 6 50-44 W	Fl(3)R 9s	8	5 Red truncated conical tower 5	(fl 0-5, ec 1-5) x 2, fl 0-5, ec 4-5. <b>Destroyed (T) 2021</b> *
<b>D1660-5</b> ES, I, 02741	- Punta Castrelius	43 33-07 N 7 02-01 W	Fl(4)WG 15s	9	5 Green column, white band 8	(fl 1, ec 2) x 3, fl 1, ec 5. W148°-172°(24°), G179°-010°(191°). Obscured 172°-179°(7°). <b>TE 2021</b> *
<b>D1675-2</b> ES, I, 02840	- Puerto de Burela. Breakwater. Head	43 39-36 N 7 20-65 W	Fl(2)RG 7s	16	5 Green and white tower 2	fl 0-5, ec 1-5, fl 0-5, ec 4-5. R112°-162°(50°), G162°-112°(310°). <b>TE 2021</b> *
<b>D1684</b> ES, I, 03060	- Isla Coelleira	43 45-52 N 7 37-75 W	Fl(4)W 16s	87	7 Grey conical tower 7	(fl 1, ec 2) x 3, fl 1, ec 6. <b>TE 2021</b> *
<b>D1692</b> ES, I, 03220	- Cabo Prior	43 34-06 N 8 18-86 W	Fl(1+2)W 15s	105	22 6-sided tower and dwelling 7	fl 0-3, ec 5-7, fl 0-3, ec 2-7, fl 0-3, ec 5-7. W055-5°-310°(254-5°). <b>Range 5M (T) 2021</b> *
<b>D1723-92</b> ES, I, 03686-3 *	- Punta Langosteira. Oil Berth * *	43 20-97 N 8 31-07 W * *	Fl(4)Y *	10 *	3 Yellow beacon 10 * *	.. * *
<b>D1728</b> ES, I, 03730	NORTH-WEST COAST. ISLAS SISARGAS - Summit of Largest Island	43 21-59 N 8 50-67 W	Fl(3)W 15s	108	23 8-sided masonry tower with white house 11	(fl 0-2, ec 2-8) x 2, fl 0-2, ec 8-8. <b>TE 2021</b>
- -	..	..	AIS	..	.. ..	MMSI No 992242125 *

NP78, Vol E Edition 2020. Weekly Edition No. 12, Dated 25 March 2021.  
Last Updates: Weekly Edition No. 11, dated 18 March 2021.

<b>E0140-3</b> ES, II, 23954	- Puerto Tomás Maestre. E Beacon	37 44-17 N 0 43-41 W	Fl G 5s	..	5 Green $\Delta$ on green post	fl 0-5. <b>TE 2021</b> *
<b>E0140-4</b> ES, II, 23956	- Puerto Tomás Maestre. W Beacon	37 44-15 N 0 43-47 W	Fl R 5s	..	5 Red $\square$ on red beacon	fl 0-5. <b>TE 2021</b> *
<b>E0184-5</b> ES, II, 25362 *	- Beacon. In the water - - -	38 50-78 N 0 07-53 E .. *	Fl(3)R 10s AIS *	3 .. *	5 Red $\square$ on red round pillar .. .. * * *	(fl 0-5, ec 1-5) x 2, fl 0-5, ec 5-5 MMSI No 992246114 *



V

NP78, Vol E Edition 2020 *continued.*

<b>E0187-9</b> ES, II, 25366	- Dique Norte. Espigón Central. Inner Wharf. Interior Heel	38 50-67 N 0 06-82 E	Fl(2)G 7s	7	1 Green post 5	<i>fl 0-5, ec 1-5, fl 0-5, ec 4-5</i>  *
<b>E0229-75</b> ES, II, 27091	- Porto Deportivo Oropesa de Mar. Inner Breakwater. Head	40 04-48 N 0 08-08 E	Fl(3)G 9s	4	1 Green post 2	<i>(fl 0-5, ec 1-5) x 2, fl 0-5, ec 4-5</i>  *
<b>E0291-5</b> ES, II, 35445	- Puerto de Soller. Inner Breakwater. SW Corner	39 47-73 N 2 41-61 E	Fl(2+1)R 9s	4	1 Red post, green band 3 *	<i>fl 0-5, ec 0-5, fl 0-5, ec 1-5, fl 0-5, ec 5-5</i>  *
<b>E0292</b> ES, II, 35450	- Puerto de Soller. Inner Breakwater. NE Corner	39 47-75 N 2 41-63 E	Fl(2)R 7s	4	3 Red post 3 *	<i>fl 0-5, ec 1-5, fl 0-5, ec 4-5</i>  *
<b>E0315-65</b> ES, II, 34090 * * *	- S'Estanyol. Varadero Dam  * * *	39 21-64 N 2 55-16 E * * *	Fl(2+1)G 9s  *	..  *	3 Green post, red band  * * *	..  *
<b>E0375</b> ES, II, 27960	- Muelle de Hierro	40 36-10 N 0 41-36 E	Q W 1s	8	3 $\Delta$ on yellow post, black top 4	W082°-229°(147°)  *
<b>E0407-5</b> ES, II, 29890	- South Basin. SE Corner	41 20-02 N 2 08-84 E	Fl(2+1)G 14-5s	6	3 Green post, red band on concrete base 3	<i>fl 0-5, ec 1, fl 0-5, ec 3, fl 0-5, ec 9</i>  *
<b>E0439-85</b> ES, II, 30608	Mataró. Inner Breakwater. Head	41 31-68 N 2 26-68 E	Fl(4)R 8s	5	2 Red truncated pyramidal tower *	<i>(fl 0-5, ec 1) x 3, fl 0-5, ec 3</i>
<b>E0459</b> ES, II, 30991	Playa de Aro. Marina. Breakwater. Head	41 48-05 N 3 03-98 E	Fl(2)G 9s	6	5 Green and white tower 3	<i>fl 1-5, ec 2, fl 1-5, ec 4</i>  *
<b>E0470</b> ES, II, 31250  * * *	<b>Cabo San Sebastián</b>  - * * *	41 53-76 N 3 12-15 E .. * *	Fl W 5s  AIS	167  .. * *	<b>32</b> White round tower on white dwelling with red roof 12 * * *	<b>Aeromarine.</b> <i>fl 0-3.</i> W197°-165°(328°)  MMSI No 992242151 *

NP79, Vol F Edition 2020. Weekly Edition No. 12, Dated 25 March 2021.  
Last Updates: Weekly Edition No. 11, dated 18 March 2021.

**F2231** DAVAO GULF  
Remove from list; deleted

<b>F2231-2</b> PH, , 0392	- Malalag Bay. Malalag (PGC: Hill 450) (PH:CG) * *	6 35-90 N 125 24-73 E * *	Fl R 5s	31	8 White GRP tower  * *	R108°-354°(246°)
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V

NP79, Vol F Edition 2020 *continued.*

<b>F2231-3</b>	DAVAO GULF Remove from list; deleted						
<b>F2231-4</b> PH., 0394	- Malalag Bay. Bolton Reef	6 37-66 N 125 24-53 E *	Fl W 5s	9	8 Concrete beacon	..	
				*	*	*	
<b>F2234</b> PH., 0395	- Davao. Santa Ana (PH:CG)	7 04-66 N 125 39-59 E	Fl G 5s	11	8 White GRP tower 10	G226°-033°(167°)	
					*	*	
<b>F2234-5</b> PH., 0396	- Sasa (PH:CG)	7 07-33 N 125 39-76 E	Fl R 5s	..	8 White concrete tower 15	..	
			*		*	*	
<b>F2235</b> PH., 0397	- <b>Panacan</b> (PH:CG)	7 09-17 N 125 39-76 E *	Fl G 10s	..	18 White concrete column	..	
			*		*	*	
<b>F2630</b> PH., 0042	MANILA BAY - Mariveles. Stone Pier. Root (PH:CG)	14 25-90 N 120 29-13 E	Fl(2)G 10s	12	7 White concrete tower 11	..	
			*				
<b>F3217</b>	Cua Viet	16 54-85 N 107 11-87 E	Q(6)W+LFL 15s	..	.. ▽ on black beacon, yellow top	..	*
<b>F3245-5</b> * * *	- Cat Hai. HN3 * * *	20 49-13 N 106 52-12 E * * *	Fl G 3s * * *	.. * * *	.. Green △ on green beacon * * *	..	*
<b>F3245-8</b> * * *	- Cat Hai. HN6 * * *	20 48-83 N 106 51-48 E * * *	Fl R 3s * * *	.. * * *	.. Red □ on red beacon * * *	..	*
<b>F3255</b>	- Cua Nam Trieu. KBD1	20 50-07 N 106 49-03 E	Q(6)+LFl W 15s	..	.. ▽ on black beacon, yellow top	Dyke marked by S Cardinal Beacons	*
<b>F3263</b>	- Cua Nam Trieu. KBD7	20 50-28 N 106 47-29 E	Q(6)+LFl W 15s	..	3-1 ▽ on black beacon, yellow top	Dyke marked by S Cardinal Beacons	*

NP80, Vol G Edition 2020. Weekly Edition No. 12, Dated 25 March 2021.  
Last Updates: Weekly Edition No. 11, dated 18 March 2021.

<b>G0005-5</b>	RIO AMAZONAS Remove from list; deleted
<b>G0007-4</b>	RIO AMAZONAS Remove from list; deleted
<b>G0010-6</b>	RIO AMAZONAS Remove from list; deleted

V

NP80, Vol G Edition 2020 *continued.*

<b>G1327</b> AR, H213, 1714	- Muelle de Combustible. NE Head. Moutin Beacon (AR)	54 48-32 S 68 17-33 W	Fl R 8s	9	6 White tubular metal tower, red band 4	..
			*	*	*	*
<b>G2071-4</b>	Puerto Huacho. Jetty. Head	11 07-31 S 77 36-98 W	F R	..	3 White mast	..
					*	*
<b>G4536-5</b> US, VI, 14450 *	- West Channel. No 10	46 16-78 N 124 02-24 W	Fl R 6s	6	4 Red Δ on multi-pile structure	..
	*	*	*	*	*	*

NP82, Vol J Edition 2021. Weekly Edition No. 12, Dated 25 March 2021.

*Last Updates: Weekly Edition No. 11, dated 18 March 2021.*

<b>J1433-4</b> US, II, 10613 *	- Willoughby Bay. Mooring Pile. A	36 57-76 N 76 17-03 W	F R	..	.. Pile	Marks NW Extremity of 26 lighted Mooring piles within HRBT Works Exclusion Zone. Private
	*	*	*	*	*	*
<b>J1433-45</b> US, II, 10613-25 *	- Willoughby Bay. Mooring Pile. Z	36 57-64 N 76 16-89 W	F R	..	.. Pile	Marks SE Extremity of 26 lighted Mooring piles within HRBT Works Exclusion Zone. Private
	*	*	*	*	*	*
<b>J2246</b> US, II, 8040	CHESAPEAKE BAY. BALTIMORE HARBOR AND APPROACHES					
	- Craighill Channel. Ldg Lts 359-6°. Front	39 11-32 N 76 23-66 W	Fl WR 2-5s	7	R 6 Brown dwelling, round base	Intens 0-5° each side of rangeline. R311°-316°(5°). Shown 24 hours Private
	----	..	By day Fl WR 2-5s	7	R 6 ..	Private
		*	*	*	*	*
<b>J3205</b> US, III, 23750 *	- Cut J2 Channel. Inbound Ldg Lts 010°. Front	27 50-32 N 82 34-06 W	Q W	8	.. ..	Vis 1-5° each side of rangeline
	----	..	By day Q W	..	.. ..	..
	*	*	*	*	*	*
<b>J3246</b> US, III, 23500 *	- Cut D Channel. Outbound Range. Ldg Lts 154°. Front	27 53-92 N 82 26-09 W	Q W	6	.. On Dolphin	Vis 1-5° each side of rangeline. Shown 24 hours
	-----	..	By day Q W	6	.. ..	..
	*	*	*	*	*	*
<b>J3246-1</b> US, III, 23505 *	- Cut D Channel. Outbound Range. Ldg Lts 154°. Rear. 581m from front	27 53-64 N 82 25-94 W	Iso W 6s	16	.. Framework tower on piles	Vis 1-5° each side of rangeline. Shown 24 hours
	-----	..	By day Iso W 6s	16	.. ..	..
	*	*	*	*	*	*
<b>J6449-5</b> *	- M7	10 28-85 N 68 00-02 W	Fl R 5s	6	12 Red 6-sided GRP structure, white band 14	fl 1-5
	--	..	AIS	..	.. ..	MMSI No 997751012
	*	*	*	*	*	*

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NP82, Vol J Edition 2021 *continued.*

<b>J6449-7</b>	- Naval Base. M32	10 28-43 N 67 59-59 W	Fl R 5s	6	12 Red 6-sided GRP structure, white band 12	<i>fl 0-9</i>
*	---	.. *	AIS *	.. *	.. .. *	MMSI No 997751013 *
<b>J6451</b>	- Inner Port. Approximate Ldg Lts 145°. Front	10 27-99 N 67 58-98 W	Fl W 5s	..	10 Red ▽, white stripes, on white framework tower, red band	..
*	----	.. *	AIS *	.. *	.. .. *	MMSI No 997751017 *
<b>J6451-1</b>	- Inner Port. Approximate Ldg Lts 145°. Rear	10 27-92 N 67 58-90 W	Fl W 5s	..	10 Red △, white stripes, on white framework tower, red band	..
*	----	.. *	AIS *	.. *	.. .. *	MMSI No 997751018 *

NP83, Vol K Edition 2021. Weekly Edition No. 12, Dated 25 March 2021.  
Last Updates: Weekly Edition No. 11, dated 18 March 2021.

<b>K3982-5</b>	- Approach Dir Lt 183°	39 28-67 S 176 54-53 E	Dir WRGY	7	11 White tower 4	F Y179°-181°(2°). F G181°-182°(1°). F W182°-184°(2°). F R184°-189°(5°)
*	--	.. *	By day *	.. *	2 .. *	.. *
<b>K3983-1</b>	- Rear. 283m from front. Dir Lt 168°	39 28-63 S 176 54-85 E	F R	25	11 Red ▽ on red and yellow pole	Neon ▽
			*			*

NP84, Vol L Edition 2021. Weekly Edition No. 12, Dated 25 March 2021.  
Last Updates: Weekly Edition No. 11, dated 18 March 2021.

<b>L6961</b>	REKA SEVERNAYA DVINA. WESTERN APPROACHES TO ARKHANGEL'SK Remove from list; deleted					
<b>L6961-1</b>	REKA SEVERNAYA DVINA. WESTERN APPROACHES TO ARKHANGEL'SK Remove from list; deleted					
<b>L7003</b> RU, 2105, 3950	- Korabel'nyy. Ldg Lts 101°. Front	64 36-43 N 40 29-80 E	Q G	10	2 Red □ on black ▽, white stripe, on 4-sided truncated metal pyramid 9	Vis 0-5° each side of leading line
			*			*
<b>L7003-1</b> RU, 2105, 3951	- Korabel'nyy. Ldg Lts 101°. Rear. 185m from front	64 36-41 N 40 30-02 E	Iso G 2s	18	2 Black ▽, white stripe, on 4-sided metal pyramid with red lantern structure 16	Vis on leading line only
			*			*

**NP85, Vol M Edition 2020.** Weekly Edition No. 12, Dated 25 March 2021.  
*Last Updates: Weekly Edition No. 11, dated 18 March 2021.*

<b>M4394-2</b> KR, , 1357-5	Ilsan Hang. B	35 29-65 N 129 26-13 E	Fl Y 4s	9	10 × on yellow round post 19	..	
*	*	*	*	*	*	*	*
<b>M4394-3</b> KR, , 1357-2	Ilsan Hang. No. 1	35 29-81 N 129 26-10 E	Fl G 4s	9	10 □ on green round post 17	..	
*	*	*	*	*	*	*	*
<b>M4394-4</b> KR, , 1357-3	Ilsan Hang. No. 2	35 29-85 N 129 26-06 E	Fl R 4s	9	10 △ on red round post 17	..	
*	*	*	*	*	*	*	*
<b>M5322</b> JP, 411, 0704	FUTAOKI SHIMA -	34 05-91 N 130 47-00 E	Iso W 6s *	102	12 White tower 15 *	W246°-286°(40°), W296°-140°(204°)	
<b>M5952-52</b> JP, 411, 3531	- Izumi Otsu Bridge. L1	34 31-10 N 135 24-07 E	F G	14	4 ..	G140°-320°(180°)	*
<b>M5952-521</b> JP, 411, 3531-01	- Izumi Otsu Bridge. L2	34 31-10 N 135 24-06 E	F G	14	4 ..	G320°-140°(180°)	*
<b>M5952-53</b> JP, 411, 3531-04	- Izumi Otsu Bridge. R1	34 31-14 N 135 24-03 E	F R	14	4 ..	R140°-320°(180°)	*
<b>M5952-531</b> JP, 411, 3531-05	- Izumi Otsu Bridge. R2	34 31-14 N 135 24-02 E	F R	14	4 ..	R320°-140°(180°)	*

**NP86, Vol N Edition 2020.** Weekly Edition No. 12, Dated 25 March 2021.  
*Last Updates: Weekly Edition No. 10, dated 11 March 2021.*

<b>N4495-7</b> GR, , 6199	- Parafía Katerínis. S Breakwater. S Head	40 15-80 N 22 35-90 E	Fl Y 3s	5	3 Yellow framework with gallery and metal column	fl 0-3. <b>Destroyed (T) 2020</b>	*
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**NP87, Vol P Edition 2020.** Weekly Edition No. 12, Dated 25 March 2021.  
*Last Updates: Weekly Edition No. 11, dated 18 March 2021.*

<b>P3693-465</b> CN, , 2541-1	- Yuanshan Dao S. Anjiao Light Beacon	29 41-83 N 122 12-93 E	Fl(2)W 5s	8	4 Black ⊗ on black beacon, red band 7	..	
*	*	*	*	*	*	*	*
<b>P3718-44</b>	HANGZHOU WAN AND ZHOUSHAN QUNDAO. HANGZHOU WAN Remove from list; deleted						

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NP88, Vol Q Edition 2021. Weekly Edition No. 12, Dated 25 March 2021.

Last Updates: Weekly Edition No. 10, dated 11 March 2021.

<b>Q1051-22</b> ID, 2250-12	Cigading. Anyer Terminal. Jetty No 1. Dolphin No 1 (ID)	6 01-68 S 105 56-10 E	Fl Y 5s	9	6	Yellow x on yellow beacon 3	<i>fl 0-5</i>	
			*	*				
<b>Q1051-25</b>	Remove from list; deleted							
<b>Q1051-52</b>	Remove from list; deleted							
<b>Q1051-54</b>	Remove from list; deleted							
<b>Q1083-34</b>	Port of Patimban (ID)	6 13-88 S 107 53-94 E	Fl Y 3s	..	..	Yellow x on yellow post	..	
*	*	*	*	*	*	*	*	*
<b>Q1245</b> ID, 4006	- Teluk Ketapang. Patokanan (ID)	6 51-36 S 115 14-02 E	Fl W 5s	16	12	White beacon 10	<i>fl 0-5</i>	
		*						

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## VI

### COVID-19 (CORONAVIRUS) TEMPORARY EFFECTS ON QUARANTINE REQUIREMENTS, PILOTAGE, VTS, REPORTING, RADIO COMMUNICATIONS AND TRANSMISSIONS

An increasing number of ports are introducing specific quarantine reporting requirements with regards to this virus. Its continued spread is also impacting a number of other services covered by ADMIRALTY List of Radio Signals products. Due to the ongoing and dynamic nature of the situation, mariners should contact the appropriate Port Authority, VTS, Pilot, coastguard, radio station or other designated body covering their planned route and destination, for the latest advice and procedures. Due to the rapidly changing situation, it is advised to check local situation at the earliest opportunity when passage planning.

## UPDATES TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 12 dated 25 March 2021

The **ADMIRALTY List of Radio Signals diagrams** included in the paper version of the weekly Notice to Mariners (Section VI) are printed in black and white. If required, a colour version of these diagrams can be downloaded from [www.admiralty.co.uk/maritime-safety-information](http://www.admiralty.co.uk/maritime-safety-information). To obtain the colour versions select **View and download NMs** – select **Weekly** – select **Year** – select **Week** – go to **Selected Week Content** – select **File** (for example: NP286(3)–WK01–14–PAGE149\_Week01\_2021.pdf)

### VOLUME 1, NP281(1), First Edition, 2020

Published Wk 45/20

(Last Updates: Weekly Edition No. 11 dated 18 March 2021)

## MARITIME RADIO STATIONS

### PAGE 169, MAURITANIA.

#### RCC NOUAKCHOTT.

Delete entry and replace by:

RCC NOUAKCHOTT - CENTRE DE COORDINATION ET DE SAUVETAGE MARITIME (CCSM)					
Control Centre: 18°06'·86N 15°59'·91W	MMSI 006540000	DSC VHF MF HF 4 6 8 12 & 16 MHz			Diagram page 170
Telephone: +222 45259673 (RCC Nouakchott) +222 27108595 (RCC Nouakchott) +222 45242405 (CCSM) +222 25058981 (CCSM)			Fax: +222 45259673 (RCC Nouakchott) +222 45242403 (CCSM)		
			Email: rccnkt@gmail.com (RCC Nouakchott) mrccnouakchott@peches.gov.mr (CCSM)		

#### VHF

	Ch 16	H24
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#### RT (MF)

	Position	Transmits	Receives	Hours of Watch
		2182	2182	H24

IMRF West Africa correspondence (RSDRA2021000074336) 12/21

## VI

### VOLUME 1, NP281(2), First Edition, 2020 Published Wk 48/20 (Last Updates: Weekly Edition No. 10 dated 11 March 2021)

#### MARITIME RADIO STATIONS

**PAGE 309, PUERTO RICO (USA), below SAN JUAN SECTOR & RSC (US COAST GUARD).**

Insert:

POLLUTION REPORTING	
<b>NATIONAL RESPONSE CENTER (NRC)</b>	
Telephone: +1 787 2892041 +1 800 4248802	Fax: +1 787 7296706
	Email: <a href="mailto:ssjcc@uscg.mil">ssjcc@uscg.mil</a>
<b>PROCEDURE:</b> Report any pollution incident to the National Response Center (NRC) on +1 800 4248802.	
<b>CONTENT OF REPORT:</b> The National Response Center will ask the relevant questions required. Basic location of pollution Amount of pollution Reporting the source information (which can be anonymous)	
<b>REMARKS:</b> Any port within Puerto Rico or US Virgin Islands (St Thomas, St John or St Croix)	

[San Juan Sector correspondence \(RSDRA2021000074291\) 12/21](#)

### VOLUME 2, NP282(1), Second Edition, 2021

Published Wk 11/21  
(Last Updates: Weekly Edition No. 11 dated 18 March 2021)

#### AUTOMATIC IDENTIFICATION SYSTEM (AIS)

**PAGE 78, CROATIA, below Hridi Grebeni Lt.**

Insert:

Ivana D Offshore Platform Wreck Lt Buoy	44°47'03N 13°15'86E	992381650		Real	21
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[Croatian Notice 2/3/21 \(RSDRA2021000074799\) 12/21](#)

**PAGE 164, TURKEY (Aegean Coast).**

**Turnali Kayasi Lt Buoy.**

Delete entry and replace by:

Turnali Kayasi Lt Buoy	36°46'47N 28°23'73E	992711369		Real	6 7 8 12 14 21 25 26
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[Turkish Notice 9/36/21 \(RSDRA2021000068887\) 12/21](#)

**PAGE 198, UNITED KINGDOM, above Rubhá Réidh Lt.**

Insert:

Rough Gasfield 47/3B Offshore Platform	53°49'98N 0°26'43E	992351313		Real	21
Rough Gasfield 47/8A Offshore Platform	53°49'49N 0°28'24E	992356061		Real	21

[Trinity House correspondence \(RSDRA2021000074299\) 12/21](#)



## VI

**PAGE 200, UNITED KINGDOM, below Wolf Rock Lt.**

Insert:

York Gasfield 47/3A Offshore Platform	53°53'11N 0°25'88E	992356062		Real	21
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[Trinity House correspondence \(RSDRA2021000074299\) 12/21](#)

### VOLUME 2, NP282(2), Second Edition, 2021

Published Wk 11/21

(Last Updates: Weekly Edition No. 11 dated 18 March 2021)

### RADAR BEACONS

**PAGE 46, KOREA, SOUTH.**

**82735 Yeosu Haeman Lt Buoy B.**

Delete entry

[Korean Notice 10/213/21 \(RSDRA2021000074263\) 12/21](#)

**PAGE 46, KOREA, SOUTH.**

**82790 Baekseo Lt.**

Delete entry

[Korean Notice 10/213/21 \(RSDRA2021000074263\) 12/21](#)

### AUTOMATIC IDENTIFICATION SYSTEM (AIS)

**PAGE 94, ANTARCTICA, below Caleta Nailon.**

Insert:

Caleta Skontorp Bn	64°53'71S 62°52'20W	997251129	Broadcasts every 3 minutes	Real	
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[Chilean Notice 3/40/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 94, ANTARCTICA, below Cape Lloyd Lt.**

Insert:

Capuerto Paraíso	64°49'44S 62°51'43W	997251029	Broadcasts every 3 minutes	Real	
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[Chilean Notice 3/40/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 94, ANTARCTICA, below Garay Bn.**

Insert:

Grupo Inútil	64°53'17S 62°55'23W	997251128	Broadcasts every 3 minutes	Real	
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[Chilean Notice 3/40/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 94, ANTARCTICA, below Islote Barrios Bn.**

Insert:

Islote Hanka Bn	64°51'68S 62°48'39W	997251126	Broadcasts every 3 minutes	Real	
Islote Sandra Bn	64°54'66S 62°55'86W	997251130	Broadcasts every 3 minutes	Real	

[Chilean Notice 3/40/21 \(RSDRA2021000074721\) 12/21](#)

## VI

**PAGE 94, ANTARCTICA, below Punta Mabel.**

Insert:

Punta María Pilar	64°52'·58S 62°50'·82W	997251127	Broadcasts every 3 minutes	Real	
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[Chilean Notice 3/40/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 114, CHILE, below Estribor Lt Bn No 1.**

Insert:

Ex Vapor Casco Haverbeck Lt Buoy	39°52'·90S 73°25'·25W	997256046	Broadcasts every 3 minutes	Virtual	
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[Chilean Notice 3/34/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 116, CHILE, below Molo Sur Lt Bn.**

Insert:

Morro Gonzalo Lt	39°51'·14S 73°28'·11W	997251170	Broadcasts every 3 minutes	Real	
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[Chilean Notice 3/34/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 118, CHILE, below Punta Escobén Posterior Bn.**

Insert:

Punta Gruesa Lt	20°21'·79S 70°10'·94W	997251079	Broadcasts every 3 minutes	Real	
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[Chilean Notice 3/28/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 118, CHILE, below Punta Panul Lt.**

Insert:

Punta Patillos Lt	20°45'·03S 70°11'·80W	997251080	Broadcasts every 3 minutes	Real	
Punta Pichalo Lt	19°36'·09S 70°14'·33W	997251178	Broadcasts every 3 minutes	Real	

[Chilean Notice 3/29/21 \(RSDRA2021000074721\) 12/21](#)

[Chilean Notice 3/27/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 118, CHILE, below Punta Restinga Bn.**

Insert:

Punta Tetas Lt	23°31'·15S 70°37'·70W	997251081	Broadcasts every 3 minutes	Real	
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[Chilean Notice 3/31/21 \(RSDRA2021000074721\) 12/21](#)

**PAGE 164, CHINA, below Qinzhou Gang Lt Buoy No 68.**

Insert:

Qinzhou Gang Lt Buoy No 70	21°42'·43N 108°35'·31E	994131822	Broadcasts every 3 minutes	Real	
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[Chinese Notice 8/232/21 \(RSDRA2021000068169\) 12/21](#)

**PAGE 164, CHINA, below Qinzhou Gang No 63A.**

Insert:

Qinzhou Gang No 71A	21°42'·82N 108°35'·26E	994136844	Broadcasts every 3 minutes	Virtual	
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[Chinese Notice 8/232/21 \(RSDRA2021000068169\) 12/21](#)

# VI

## VOLUME 3, NP283(2), First Edition, 2020

Published Wk 50/20  
(Last Updates: Weekly Edition No. 11 dated 18 March 2021)

### RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

**PAGES 203 and 207, MARTINIQUE (France).**

**CROSS ANTILLES-GUYANE (CROSS-AG) FORT-DE-FRANCE MRCC, Weather Bulletins table, row three.**

Delete row:

<b>A:</b> 0930 1815	Storm warnings for the area 10°N–20°N, 50°W–70°W, synopsis for the North Atlantic south of 40°N, 24 hour forecast for the area 10°N–20°N, 57°W–65°W and outlook in French and English.
---------------------	--

and replace by:

<b>A:</b> 0933 1815	Storm warnings for the area 10°N–20°N, 50°W–70°W, synopsis for the North Atlantic south of 40°N, 24 hour forecast for the area 10°N–20°N, 57°W–65°W and outlook in French and English.
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SHOM Publication RSX 96.2 2020 Edition (RSDRA2021000049057) 12/21

**PAGES 203 and 207, MARTINIQUE (France).**

**CROSS ANTILLES-GUYANE (CROSS-AG) FORT-DE-FRANCE MRCC, Navigational Warnings table, row one.**

Delete row:

<b>A:</b> 0930 1815	Navigation Warnings for offshore sea areas in French.
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and replace by:

<b>A:</b> 0933 1815	Navigation Warnings for offshore sea areas in French.
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SHOM Publication RSX 96.2 2020 Edition (RSDRA2021000049057) 12/21

# VI

## VOLUME 5, NP285, First Edition, 2020

Published Wk 43/20  
(Last Updates: Weekly Edition No. 7 dated 18 February 2021)

### DISTRESS, SEARCH AND RESCUE

**PAGE 337, NAVAREA II.**

**GHANA.**

Delete entry and replace by:

#### GHANA

See diagrams R4, R9 & R10

<p><b>National SAR Agency:</b> Ghana Maritime Authority  <b>Address:</b> P.O. Box M.38, Accra, Ghana  <b>Telephone:</b> +233 30 2662122  +233 30 2684388  <b>Fax:</b> +233 30 2677702  <b>email:</b> info@ghanamaritime.org</p>			
<p>Tema (9GX) maintains a continuous listening watch on all international distress frequencies including full DSC facilities.  MRCC Tema is located at Tema Chemu Lighthouse Yard in the same building as VTMISS East Control Centre (9GP-88) maintains a continuous listening watch on international maritime distress frequencies including DSC facilities on VHF only at the present time.  Preferred language for communication with the MRCC is English.  RCC Accra is located at Air Traffic Services Department of the Ghana Civil Aviation Authority (GCAA).  Preferred language for inter RCC communication is English.</p>			
	Telephone +233	Fax +233	Others/Ship Earth Stations (SES)
MRCC TEMA (Call Sign 9GP-88)	30 2953129 30 2953138 30 2953140 30 3211781 20 3820565		<b>email:</b> MRCCTEMAGH@ghanamaritime.org <b>MMSI:</b> 996271131
GHANA CIVIL AVIATION AUTHORITY (Cospas-Sarsat SPOC)	30 2773283 20 2224073 30 2776171 30 2777320	30 2769401 30 2773293	<b>AFTN:</b> DGAAZQZX DGAAZQZT DGAAIFYX <b>email:</b> ghana.spoc@gcaa.com.gh
RCC ACCRA	30 2773283 20 8160590	30 2769401	<b>email:</b> alometey@gcaa.com.gh
GHANA PORTS AND HARBOUR AUTHORITY - TEMA PORT	30 2904706 30 2906350 30 3202212	30 3202812	<b>email:</b> signal_station@ghanaports.gov.gh
GHANA PORTS AND HARBOUR AUTHORITY - TAKORADI PORT	31 2024839 31 2024073 (Ext 4508) 20 4730151	31 2022814	<b>email:</b> Signals_tk@ghanaports.gov.gh

IMRF West Africa correspondence (RSDRA2021000074336) 12/21

## VI

### PAGE 337, NAVAREA II.

#### IVORY COAST.

Delete entry and replace by:

#### IVORY COAST

See diagrams R4, R9 & R10

<b>National SAR Agency:</b> Directorate General of Port and Maritime Affairs <b>Address:</b> B.P.V. 67, Abidjan, Ivory Coast <b>Telephone:</b> +225 27 23494177			
Abidjan (TUA) maintains a continuous listening watch on 2182 kHz and VHF Ch 16 for distress calls.			
	<b>Telephone +225</b>	<b>Fax +225</b>	<b>Others/Ship Earth Stations (SES)</b>
Maritime Rescue Coordination Centre (MRCC) (H24 Contact)	27 21 255996 27 21 262998 27 21 266929 07 09770101 (Mobile/WhatsApp) 01 72770101 (Mobile)	27 21 255996	<b>email:</b> alertes@mrcc-abidjan.net abidjan.mrcc@gmail.com abidjan.radio@gmail.com <b>Website:</b> www.mrcc-abidjan.net
ABIDJAN (TUA)	27 21 255992 (Office) 27 21 255996	27 21 255996	<b>MMSI:</b> 006191000
Aeronautical National SAR Agency: National Civil Aviation Authority	27 21 586900 27 21 588169	27 21 276346	
ARCC ABIDJAN (Cospas-Sarsat SPOC)	27 21 580180 27 21 580028 01 01909096 (Mobile)	27 21580028	<b>AFTN:</b> DIAPYCYX <b>email:</b> rscabidjan@gmail.com

(former update 6/21)

IMRF West Africa correspondence (RSDRA2021000074336) 12/21

### PAGE 338, NAVAREA II.

#### MAURITANIA.

Delete entry and replace by:

#### MAURITANIA

See diagrams R4 & R9

<b>National SAR Agency:</b> Centre de Coordination et de Sauvetage Maritime (CCSM) <b>Address:</b> MRCC Nouakchott, Mauritanian Coast Guard branch in Nouakchott <b>Telephone:</b> +222 45 242405 +222 25 058981 <b>Fax:</b> +222 45 242403 <b>email:</b> mrccnouakchott@peches.gov.mr			
MRCC Nouakchott maintains a continuous listening watch on VHF DSC, VHF Ch 16 and R/T MF 2182 kHz			
	<b>Telephone +222</b>	<b>Fax +222</b>	<b>Others/Ship Earth Stations (SES)</b>
RCC NOUAKCHOTT (Cospas-Sarsat SPOC)	45 259673 27 108595	45 259673	<b>AFTN:</b> GQNOYCYX <b>email:</b> rccnkt@gmail.com

IMRF West Africa correspondence (RSDRA2021000074336) 12/21

## VI

**PAGE 338, NAVAREA II.**

**MOROCCO.**

Delete entry and replace by:

### MOROCCO

See diagrams R4 & R5

<p><b>National SAR Agency:</b> Marine Fisheries Department, National SAR Coordinator  <b>Address:</b> Rue Mohamed Belhassan El Ouazzani Haut agdal, BP 476, Rabat, Morocco  <b>Telephone:</b> +212 5 37 688174  <b>Fax:</b> +212 5 37 688112  <b>email:</b> drissi@mpm.gov.ma</p>			
<p>The Ocean Fisheries Department MRCC Rabat is responsible for coordinating Search and Rescue operations.  MRCC Rabat maintains a continuous listening watch on international distress frequencies.</p>			
<p><b>TeleMedical Assistance Service:</b> Contact MRCC Rabat and send a message for "Radio Medical Assistance" and telemedical advice will be provided from a regional public hospital via MRCC Rabat.  Possible consultation languages: Arabic, French and English.</p>			
	<b>Telephone +212</b>	<b>Fax +212</b>	<b>Others/Ship Earth Stations (SES)</b>
MRCC RABAT	5 37 625877	5 37 625017	<b>Inmarsat C:</b> 424200893 <b>email:</b> mrcc.rabat@mpm.gov.ma mrccrabat@gmail.com <b>MMSI:</b> 002424133
MRCC RABAT (Cospas-Sarsat SPOC)	5 37 625877	5 37 625017	<b>email:</b> spoc.maritime.maroc@mpm.gov.ma

### Atlantic

	<b>Telephone +212</b>	<b>Fax +212</b>	<b>Others/Ship Earth Stations (SES)</b>
MRSC TANGER	5 39 932090	5 37 625017 (Emergency) 5 39 932093	<b>email:</b> mrsc.tanger@mpm.gov.ma <b>MMSI:</b> 242072000
MRSC AGADIR	5 28 842964 5 28 842984	5 37 625017 (Emergency) 5 28 842820	<b>email:</b> mrsc.agadir@mpm.gov.ma <b>MMSI:</b> 002424136
MRSC DAKHLA	5 28 897300	5 37 625017 (Emergency) 5 28 898381	<b>email:</b> mrsc.dakhla@mpm.gov.ma <b>MMSI:</b> 002424137

IMRF West Africa correspondence (RSDRA2021000074336) 12/21

## VI

**PAGE 350, NAVAREA III.  
MOROCCO.**  
Delete entry and replace by:

### MOROCCO

See diagrams R4 & R5

<b>National SAR Agency:</b> Marine Fisheries Department, National SAR Coordinator <b>Address:</b> Rue Mohamed Belhassan El Ouazzani Haut agdal, BP 476, Rabat, Morocco <b>Telephone:</b> +212 5 37 688174 <b>Fax:</b> +212 5 37 688112 <b>email:</b> drissi@mpm.gov.ma			
The Ocean Fisheries Department MRCC Rabat is responsible for coordinating Search and Rescue operations. MRCC Rabat maintains a continuous listening watch on international distress frequencies.			
<b>TeleMedical Assistance Service:</b> Contact MRCC Rabat and send a message for "Radio Medical Assistance" and telemedical advice will be provided from a regional public hospital via MRCC Rabat. Possible consultation languages: Arabic, French and English.			
	Telephone +212	Fax +212	Others/Ship Earth Stations (SES)
MRCC RABAT	5 37 625877	5 37 625017	<b>Inmarsat C:</b> 424200893 <b>email:</b> mrcc.rabat@mpm.gov.ma mrccrabat@gmail.com <b>MMSI:</b> 002424133
MRCC RABAT (Cospas-Sarsat SPOC)	5 37 625877	5 37 625017	<b>email:</b> spoc.maritime.maroc@mpm.gov.ma

### Mediterranean

	Telephone +212	Fax +212	Others/Ship Earth Stations (SES)
MRSC AL HOCEÏMA	5 39 982730 5 39 982219	5 37 625017 (Emergency) 5 39 982547	<b>email:</b> mrsc.alhoceima@mpm.gov.ma <b>MMSI:</b> 002424134

IMRF West Africa correspondence (RSDRA2021000074336) 12/21

## VI

### VOLUME 6, PART 3, NP 286(3), First Edition, 2020

Published Wk 38/20

*(Last Updates: Weekly Edition No. 10 dated 11 March 2021)*

#### PAGE 264, MALTA, VALLETTA, Pilots, PROCEDURE, section (2).

Delete and replace by:

(2) **Pilot boards** in the following positions:

- (a) Good weather: 35°55'·56N 14°33'·09E (2 n miles ENE of Valletta Harbour entrance)
- (b) Bad weather:
  - (i) 35°47'·35N 14°36'·00E (3 n miles ESE of Marsaxlokk Harbour entrance)
  - (ii) 35°47'·51N 14°30'·99E (a safe distance off the S coast, W of Marsaxlokk)

(Former update 38/20)

Transport Malta Correspondence, (RSDRA2021000074509), 12/21

### VOLUME 6, PART 4, NP 286(4), First Edition, 2020

Published Wk 41/20

*(Last Updates: Weekly Edition No. 11 dated 18 March 2021)*

#### PAGE 164, INDIA, MORMUGAO (MARMAGAO), Pilots, PROCEDURE, section (2).

Delete and replace by:

(2) **Pilot boards** in the following positions:

- (a) 15°24'·62N 73°44'·18E (Fair weather)
- (b) 15°24'·62N 73°44'·18E (Monsoon season)

Indian Notice 5/72/21, (RSDRA2021000070976), 12/21

#### PAGE 175, INDIA, SALĀYA, Gulf of Kachchh, Pilots, PROCEDURE, section (2).

Delete and replace by:

(2) **Pilot boards** in the following positions:

- (a) 22°31'·26N 69°31'·21E (Capesize vessels)
- (b) 22°30'·33N 69°31'·45E

Indian Notice 5/71/21, (RSDRA2021000070976), 12/21

### VOLUME 6, PART 7, NP 286(7), Second Edition, 2021

Published Wk 6/21

*(Last Updates: Weekly Edition No. 11 dated 18 March 2021)*

#### PAGE 22, ARGENTINA, above PUERTO DESEADO entry.

Insert new entry:

#### **PUERTO BELGRANO NAVAL BASE (ARMADA ARGENTINA)**

**38°53'S 62°06'W**

##### **Pilots**

For details see BAHÍA BLANCA.

##### **Vessel Traffic Service**

For details see BAHÍA BLANCA.

##### **Port**

##### **CONTACT DETAILS:**

##### **Hr Mr's Office**

VHF Channel: Ch 16; 12 67

Telephone: +54(0)293 2486795

+54(0)293 2486798

##### **PROCEDURE:**

Access to the approach channel must be requested from the Hr Mr's Office.

Argentine Bulletin 3/21, (RSDRA2021000073518), 12/21



## VII

### UPDATES TO MISCELLANEOUS ADMIRALTY NAUTICAL PUBLICATIONS

**There are no updates to miscellaneous Nautical Publications this week**

#### **UPDATE ON THE EFFECTS OF COVID-19 ON THE DELIVERY OF NAUTICAL PUBLICATIONS**

As a result of ongoing effects of COVID-19 on distribution infrastructure around the world, for safety reasons, we took the decision a few months ago to delay the publication of any non-essential ADMIRALTY Nautical Publications until further notice.

We started to ease the restrictions on the dispatch of some of our paper publications for July 2020.

We are continuing this effort and following some positive feedback on successful receipts of publications, we are now in a position to confirm the publications schedule for the rest of the year.

As previously, we will continue to closely monitor our distribution network capacities.

We reserve ourselves the right to amend this publications schedule accordingly should significant dispatch issues start arising again.

## ADMIRALTY DIGITAL SERVICES

### 1. ENC / ECDIS and AVCS

#### a) *Safety Notice*

For a graphical way to establish that the ECDIS is correctly displaying the new symbols introduced in IHO S-52 Presentation Library Edition 4.0 the mariner can check ECDIS Chart 1. ECDIS Chart 1 is a legend of the entire set of symbols that may be used within an ENC and is installed on all type-approved ECDIS systems. See [iho.int](http://iho.int) for further information. ECDIS Systems have been required to use Presentation Library edition 4.0 since 1<sup>st</sup> September 2017 and previous editions are no longer SOLAS compliant.

#### b) *ENCs temporarily withdrawn from AVCS*

To review a cumulative list of ENCs temporarily withdrawn from AVCS, please visit the 'Updates' tab on: [admiralty.co.uk/AVCS](http://admiralty.co.uk/AVCS)

#### c) *ENC Readme.txt file*

The README.TXT file located within the ENC\_ROOT folder on the latest AVCS discs contains important safety related information relating to the use of ENCs in ECDIS. The file is also available on the support tab at [admiralty.co.uk/avcs](http://admiralty.co.uk/avcs).

This file is updated on a regular basis and should be consulted to ensure that all related issues are taken into consideration.

#### d) *Temporary & Preliminary Notices to Mariners (T&P NMs) in ENCs*

The use of T&P NM information is considered an essential part of keeping navigational charts up to date.

The latest confirmed status of T&P NM information in the ENCs that are available in ADMIRALTY services is shown in the ENC-T&P-NM-Status.pdf file in the INFO folder on the service media and at: [admiralty.co.uk/ENC-TP-NMs](http://admiralty.co.uk/ENC-TP-NMs)

ADMIRALTY Information Overlay (AIO) shows ADMIRALTY paper T&Ps where they are not already included in the ENCs. Most countries now include temporary information in their ENCs.

Further guidance can be found in the INFO folder on AIO discs.

#### e) *Important notice regarding AVCS CD Service*

Because of the limit to data volume that can be fitted onto a disc, AVCS Base and Update CDs are no longer available to download as ISO files from the UKHO FTP site. For those customers who prefer to update their ECDIS with base and update datasets, we will continue to provide them in V01X01 format as .zip files. These may be downloaded and unzipped to load into ECDIS as normal. AVCS DVD ISO files are not affected.

For more information, please contact your ADMIRALTY Chart Agent.

#### f) *Important notice for users of AVCS and ARCS Online Updating Services (AVCS OUS and ARCS OUS)*

The email service for AVCS OUS was withdrawn at the end of February 2019 due to technology infrastructure changes at UKHO.

Email calls to AVCS OUS will receive an auto-response that asks the customer to resubmit their data request online by http. Please contact your ADMIRALTY Distributor if support is required for use of the http service.

Due to the technology updates at UKHO, the ARCS Online Updating Service was withdrawn in July 2019.

### 2. ADMIRALTY Products Supporting Digital Navigation

- i. ADMIRALTY ENC and ECDIS Maintenance Record (NP133C). This publication is designed to hold paper records on ENC and ECDIS maintenance to assist information management and support inspections. Please note that V2.0 is the current edition.
- ii. ADMIRALTY Guide to ENC Symbols Used in ECDIS (NP5012). A companion to the ADMIRALTY Guide to Symbols and Abbreviations Used on Paper Charts, NP5011. The 2nd edition of NP5012 includes the changes highlighted in the new S-52 standards and the new presentation library 4.0.
- iii. ADMIRALTY Guide to the Practical Use of ENCs (NP231). Supports ECDIS training on the interpretation and use of ENC data.

## VIII

- iv. ADMIRALTY Guide to ECDIS Implementation, Policy and Procedures (NP232). Provides clear guidance for any individual or organisation responsible for the introduction of ECDIS, in particular those involved in the development of detailed ECDIS operating procedures.

### 3. ADMIRALTY Digital Publications (ADP)

#### **ADMIRALTY Sailing Directions: Removal of AIS and Racons**

In 2018, the UKHO began the process of removing AIS and Racon information from ADMIRALTY Sailing Directions, as this is held in greater detail within ADMIRALTY Radio Signals publications. During this transition, AIS and Racon information will be removed from new editions of each Sailing Direction volume, and AIS and Racon information present in existing Sailing Direction volumes will no longer be updated. For accurate, up-to-date information on AIS and Racons, refer to ADMIRALTY Radio Signals publications.

#### **ADP V19 is available on the ADP Weekly Update DVD.**

The UKHO only supports ADP V18 and V19. Users of older versions of ADP should upgrade to a supported version at their earliest convenience. ADP V18 and V19 are the only versions that allow users to receive tidal updates as they are made available.

#### **ADMIRALTY TotalTide (ATT): German Tidal Stations predicted on LAT**

The TotalTide application computes predictions for all German tidal stations based on Lowest Astronomical Tide (LAT). Mariners using charts which refer to Mean Low Water Springs (MLWS) in German waters, must deduct 0.5m from all predicted tidal heights for these ports before applying them to the depths on those charts to determine the correct predicted depth of water. This advice will also be contained in the 'Notes' tab on the Prediction Windows in TotalTide for each German tidal station.

For information: Please note that there will not be a 2021 ADP release.

Historically we have made new versions of the ADP software available at the end of each year however, there will be no commercial release of ADP this year. Regular changes/improvements have been made throughout the year and therefore there is no value in issuing a new Software version.

The supported ADP versions continue to remain at V18 and V19.

The ADP software and the Data updates can still be downloaded from weekly ADP and AENP Update DVDs.

Users can also download ADP directly on the Distributors FTP Site at <ftp://ukho.gov.uk>

For information: Ensure that Activation Key Requests and Update Data Requests for ADP are sent to [ADPMailGateway@ukho.gov.uk](mailto:ADPMailGateway@ukho.gov.uk)

### 4. ADMIRALTY e-Nautical Publications (AENP)

There is currently an e-Reader 1.3 enabling users to read Digital copies of our Sailing Directions paper publications.

A new e-Reader 1.4 was released to the Channel on 01/10/2020. This version 1.4 has got the same functionalities as the current version 1.3 but is more performant and user-friendly. While the current 1.3 version can be used on Windows 7 and 8.1 Operating Systems (OS), the e-Reader 1.4 can only be used on Windows 8.1 and 10 OS, to follow the Microsoft guidelines of withdrawing support for Windows 7 OS.

To enable users to activate this new application, users might need to delete one e-Reader application from their Fleet Manager Licences if the maximum 3 allowed has been reached.

Both the e-Readers 1.3 and 1.4 are supported at the UKHO.

The e-Reader 1.4 software and the Data updates can be downloaded from weekly ADP Update and Software DVDs.

Users can also download the e-Reader 1.4 software directly on the Distributors FTP Site at <ftp://ukho.gov.uk>

## 5. Status of ADMIRALTY Digital Services

Update status table			
	Product	Last issue date/Week	Reissue Date/Week
i.	ADMIRALTY Vector Chart Service (AVCS) Base .zip download	04 February 2021 - 05	01 April 2021 - 13
ii.	ADMIRALTY Information Overlay (AIO) Base CD	02 July 2020 - 27	
iii.	ADMIRALTY Raster Chart Service (ARCS) Regional disc 1	14 January 2021 - 02	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 2	25 February 2021 - 08	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 3	19 November 2020 - 47	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 4	15 October 2020 - 42	29 April 2021 - 17
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 5	20 August 2020 - 34	15 April 2021 - 15
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 6	25 March 2021 - 12	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 7	24 September 2020 - 39	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 8	28 January 2021 - 04	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 9	11 February 2021 - 06	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 10	10 December 2020 - 50	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 11	05 November 2020 - 45 Small-scale Planning Charts	

ADMIRALTY Vector Chart Service (AVCS) DVDs and ADMIRALTY Information Overlay (AIO) CDs are issued weekly and contain all base and update data available at the time of issue.

## 6. Supported ADMIRALTY Software Versions

Product	Supported Versions
ADP	V18, V19
ADMIRALTY e-Reader	1.3, 1.4
NavPac and Compact Data	4.1

If you are using an unsupported version, contact your Chart Agent to upgrade to the latest version as soon as possible.

# HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

## H.102A

(V7.0 Jan 2013)

### Reporting Port Information affecting ADMIRALTY Products

<b>NAME OF PORT</b>			
<b>APPROXIMATE POSITION</b>	Latitude		Longitude
<b>GENERAL REMARKS</b> 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 ( <i>if available</i> ).			
<b>ANCHORAGES</b> Designation, depths, holding ground, shelter afforded.			
<b>PILOTAGE</b> Authority for requests.  Embark position.  Regulations.			
<b>DIRECTIONS</b> Entry and berthing information.  Tidal streams.  Navigational aids.			
<b>TUGS</b> Number available.			
<b>WHARVES</b> Names, numbers or positions & lengths.  Depths alongside.			
<b>CARGO HANDLING</b> Containers, lighters, Ro-Ro etc.			
<b>REPAIRS</b> Hull, machinery and underwater.  Shipyards.  Docking or slipping facilities. ( <i>Give size of vessels handled or dimensions</i> )  Divers.			

# HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

## H.102A

(V7.0 Jan 2013)

<b>RESCUE AND DISTRESS</b> Salvage, Lifeboat, Coastguard, etc.	
<b>SUPPLIES</b> Fuel. (with type, quantities and methods of delivery)  Fresh water. (with method of delivery and rate of supply)  Provisions.	
<b>SERVICES</b> Medical.  Ship Sanitation.  Garbage and slops.  Ship chandlery, tank cleaning, compass adjustment, hull painting.	
<b>COMMUNICATIONS</b> Nearest airport or airfield.  Port radio and information service. (with frequencies and hours of operating)	
<b>PORT AUTHORITY</b> Designation, address, telephone, e-mail address and website.	
<b>VIEWS</b> Photographs (where permitted) of the approaches, leading marks, the entrance to the harbour etc.	
<b>ADDITIONAL DETAILS</b>	

### NOTES:

1. Form H.102A lists the information required for ADMIRALTY Sailing Directions and has been designed to help the sender and the recipient. The sections should be used as an aide-memoir, being used or followed closely, whenever appropriate. Where there is insufficient space on the form an additional sheet should be used.
2. **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.



# HYDROGRAPHIC NOTE FOR GNSS OBSERVATIONS AGAINST CORRESPONDING BRITISH ADMIRALTY CHART POSITIONS

(To accompany Form H.102)

**H.102B**  
(V7.0 Jan 2014)

## NOTES:

1. This form is designed to assist in the reporting of observed differences between WGS84 datum and the geodetic datum of British ADMIRALTY Charts by mariners, including yachtsmen and should be submitted as an accompaniment to Form H.102 (full instructions for the rendering of data are on Form H.102). Where there is insufficient space on the form an additional sheet should be used.

### 2. Objective of GNSS Data Collection

The UK Hydrographic Office would appreciate the reporting of Global Navigation Satellite Systems (GNSS) positions, referenced to WGS84 datum, at identifiable locations or features on British ADMIRALTY Charts. Such observations could be used to calculate positional shifts between WGS84 datum and the geodetic datum for those British ADMIRALTY Charts which it has not yet been possible to compute the appropriate shifts. These would be incorporated in future new editions or new charts and promulgated by Preliminary Notices to Mariners in the interim.

It is unrealistic to expect that a series of reported WGS84 positions relating to a given chart will enable it to be referenced to that datum with the accuracy required for geodetic purposes. Nevertheless, this provides adequate accuracy for general navigation, considering the practical limits to the precision of 0.2mm (probably the best possible under ideal conditions – vessel alongside, good light, sharp dividers etc), this represents 10 metres on the ground at a chart scale of 1:50,000.

It is clear that users prefer to have **some** indication of the magnitude and direction of the positional shift, together with an assessment of its likely accuracy, rather than be informed that a definitive answer cannot be formulated. Consequently, where a WGS84 version has not yet been produced, many charts now carry approximate shifts relating WGS84 datum to the geodetic datum of the chart. Further observations may enable these values to be refined with greater confidence.

### 3. Details required

- a. It is essential that the chart number, edition date and its correctional state (latest NM) are stated. For ENC's, please state the ENC name and latest update applied.
- b. Position (to 2 decimal places of a minute) of observation point, using chart graticule or, if ungraduated, relative position by bearing/distance from prominent charted features (navigation lights, trig. points, church spires etc.).
- c. Position (to 2 decimal places of a minute) of observation point, using GNSS Receiver. Confirm that GNSS positions are referenced to WGS84 datum.
- d. Include GNSS receiver model and aerial type (if known). Also of interest: values of PDOP, HDOP or GDOP displayed (indications of theoretical quality of position fixing depending upon the distribution of satellites overhead) and any other comments.



## HYDROGRAPHIC NOTE – H.102 INSTRUCTIONS (V9.0 Dec 2017)

1. Mariners are requested to notify the United Kingdom Hydrographic Office (UKHO) when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications are seen to be necessary. Mariners can also report any ENC display issues experienced. The Mariner's Handbook (NP100) Chapter 4 gives general instructions. The provisions of international and national laws should be complied with when forwarding such reports.
2. Accurate position or knowledge of positional error is of great importance. Where latitude and longitude have been used to specifically position the details of a report, a full description of the method used to obtain the position should be given. Where possible the position should be fixed by GPS or Astronomical Observations. A full description of the method, equipment, time, estimated error and datum (where applicable) used should be given. Where the position has been recorded from a smart phone or tablet, this is to be specifically mentioned. When position is defined by sextant angles or bearings (true or magnetic to be specified), more than two should be used to provide a redundancy check. Where position is derived from Electronic Position Fixing (e.g. LORAN C) or distances observed by radar, the raw readings of the system in use should be quoted wherever possible. Where position is derived after the event, from other observations and / or Dead Reckoning, the methodology of deriving the position should be included.
3. **Paper Charts:** A cutting from the largest scale chart is often 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.
4. **ENCs:** A screen shot of the largest scale usage band ENC with the alterations and additions being shown thereon in red. If it is to report an issue with the display of an ENC, a screen shot of the affected ENC should be sent along with details of the ECDIS make, model or age and version in use at the time.
5. When **soundings** are obtained The Mariner's Handbook (NP100) should where possible be consulted. It is important to ensure that full details of the method of collection are included with the report. This should include but not limited to:
  - (a) Make, model and type of echo sounder used.
  - (b) 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.
  - (c) Time, date and time zone should be given in order that corrections for the height of the tide may be made where necessary, or a statement made as to what corrections for tide have already been made.
  - (d) Where larger amounts of bathymetric data have been gathered, only those areas where a significant difference to the current chart or ENC should be specifically mentioned on the H102. The full data set may also be sent in, with an additional note added to this effect. If no significant differences are noted, the bathymetric data may still be of use, and sent in accordingly. Where full data sets are included, a note as to the data owner and their willingness for the data to be incorporated into charts and ENCs included.
6. **For Echo Sounders that use electronic 'range gating', care should be taken that the correct range scale and appropriate gate width are in use.** Older electro-mechanical 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 aids to navigation 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. Changes to Port Information should be forwarded on Form H.102A and any GPS/Chart Datum observations should be forwarded on Form H.102B together with Form H.102. Where there is insufficient space on the forms additional sheets should be used.
10. Reports on ocean currents, magnetic variations and other marine observations should be made in accordance with The Mariner's Handbook (NP100) Chapter 4 with forms also available at [admiralty.co.uk/MSI](http://admiralty.co.uk/MSI).

*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; for these purposes, the UKHO may make reproductions of any material supplied. 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 or the sender states that they do not want to be named by using the appropriate tick box on the form. 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 – H.102**  
**Reporting information affecting ADMIRALTY Maritime Products & Services**

For emergency information affecting safety of life at sea forward to: [navwarnings@ukho.gov.uk](mailto:navwarnings@ukho.gov.uk)  
Or alternatively contact T: +44 (0)1823 353448 (direct line) +44 (0)7989 398345 (mobile) F: +44 (0)1823 322352  
For new information affecting all ADMIRALTY Charts and Publications forward to: [sdrr@ukho.gov.uk](mailto:sdrr@ukho.gov.uk)  
This form H.102 and instructions are available online: [admiralty.co.uk/msi](http://admiralty.co.uk/msi)

Date		Ref. number	
Name of ship or sender		IMO number	
Address and general locality			
E-mail / Tel / Fax of sender			
Subject			
Position (see <i>Instruction 2</i> )	Latitude		Longitude
	GPS	Datum	Accuracy
ADMIRALTY Charts affected		Edition	
Latest Weekly Edition of Notices to Mariners (NMs) held			
Replacement copy of chart number (see <i>Instruction 3</i> )	<b>IS / IS NOT required</b>		
ENCs affected			
Latest update disk applied	Week:		
Make, model and or age of ECDIS if applicable			
Publications affected (e-NP / DP number, edition number)			
Date of latest supplement/update, page & Light List number etc.			
Details of anomaly / observation:			
Name of observer / reporter			
H.102A submitted	Yes <input type="checkbox"/>	No <input type="checkbox"/>	H.102B submitted Yes <input type="checkbox"/> No <input type="checkbox"/>
Tick box if not willing to be named as source of this information <input type="checkbox"/>			

