



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 32

08 August 2024

(Published on the ADMIRALTY website 29 July 2024)

CONTENTS

- I** Explanatory Notes. Publications List
 - II** ADMIRALTY Notices to Mariners. Updates to Standard Nautical Charts
 - III** Reprints of NAVAREA I Navigational Warnings
 - IV** Updates to ADMIRALTY Sailing Directions
 - V** Updates to ADMIRALTY List of Lights and Fog Signals
 - VI** Updates to ADMIRALTY List of Radio Signals
 - VII** Updates to Miscellaneous ADMIRALTY Nautical Publications
 - VIII** Updates to ADMIRALTY Digital Services
-

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 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: admiralty.co.uk/msi
Searchable Notices to Mariners:	Web: www.ukho.gov.uk/nmwebsearch
Urgent navigational information:	e-mail: navwarnings@ukho.gov.uk 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: sdr@ukho.gov.uk Post: UKHO, Admiralty Way, Taunton, Somerset, TA1 2DN, UK
All other enquiries/information	e-mail: customerservices@ukho.gov.uk Phone: +44(0)1823 484444 (24/7)

© Crown Copyright 2024. All rights Reserved. Permission is not required to make analogue or PDF copies of these Notices, but such copies may not be sold without the permission of the UKHO. For permission to sell copies of the Notices or to make (non-PDF) digital copies please email intellectual.property@ukho.gov.uk

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 or the searchable NM Website 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).

SEARCHABLE NOTICES TO MARINERS

Enter the 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 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

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

Tel: +65 6424 4200

ADMIRALTY NOTICES TO MARINERS

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

Plan with ADMIRALTY Maritime Data Solutions, brought to you by the United Kingdom Hydrographic Office.



**UK Hydrographic
Office**

Admiralty Way, Taunton, Somerset
TA1 2DN, United Kingdom
Telephone +44 (0)1823 484444
customerservices@ukho.gov.uk
gov.uk/ukho

Find out more about our market-leading
ADMIRALTY Maritime Data Solutions:

admiralty.co.uk    

ADMIRALTY and  are trademarks of the Secretary of State for Defence

© Crown Copyright 2020. All rights reserved. Correct at the time of publishing.

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.

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

ADMIRALTY Charts affected by the Publication List

ADMIRALTY Charts	ADMIRALTY Charts	International Charts	ADMIRALTY Publications
50	AUS 60	INT 1143	NP 234(B)
633	NZ 56	INT 7278	e-NP 234(B)
1229	NZ 5612	INT 7285	NP 285
1235		INT 7289	
1265		INT 7291	
2616		INT 11431	
2884			
3049			
3773			
3862			
5615_2			
AUS 57			
AUS 59			

H-NOTE APP RETIREMENT

With effect from 28th March 2024, it will no longer be possible to download the H-Note App from app stores. Please provide any navigationally significant information via the H-Notes available from our website:

<https://www.admiralty.co.uk/maritime-safety-information/hydrographic-notes>

The H-Notes (H102) produced within the NM Weekly Bulletin will still be available.

UK COASTAL WARNING (WZ) NAVIGATIONAL WARNINGS**1. General Area Message Element**

With effect from December 18th, 2023, UK Shipping Forecast Areas are used in the General Area message element of UK Coastal Warning (WZ) Navigational Warnings to describe the broad geographic area each message refers to. See ALRS Volume 3(1) (NP283(1)) diagram 'United Kingdom Shipping Forecast Areas' for full details of broad geographic area limits. For further information on message elements of Navigational Warnings See ALRS Volume 3(1) (NP283(1)) entry 'MARITIME SAFETY INFORMATION, Extracts from the revised Joint IMO/IHO/WMO Manual on Maritime Safety Information (MSI) January 2016'.

2. GUNFACTS/SUBFACTS

With effect from December 18th, 2023, GUNFACTS/SUBFACTS negative reports (i.e., notifications when no hazardous operations are taking place) will not be promulgated.

I

UKRAINE NAVIGATIONAL INFORMATION

Owing to insufficient information, it is not always possible to ensure that ADMIRALTY Nautical Publications are completely up-to-date for new dangers or changes to aids to navigation.

Mariners are therefore advised to exercise particular caution when navigating in Ukrainian waters.

BALTIC SEA CHART DATUM 2000 (BSCD2000)

UKHO Products and Services, including foreign charts, in the Baltic Sea region are changing to a new vertical reference system for depth and height information. During this transition period, Charts may be referred to either mean sea level or the new BSCD2000. For further information please contact the national charting authority and see ADMIRALTY Sailing Directions.

This note is to be reviewed in 2026.

PHOTOGRAPHY

ADMIRALTY publications utilise imagery from a wide variety of sources, mariners, port authorities and other users. The UK Hydrographic Office (UKHO) welcomes new imagery of navigational aids, landmarks, coastline, approaches to and from ports and berths. Imagery from the mariner's point of view is especially helpful. Images can be sent to the UKHO using the email publications.queries@ukho.gov.uk.

Please include the name and location of the feature in the image and how the image should be accredited within ADMIRALTY publications.

I

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 08 August 2024

Chart	Title, limits and other remarks	Scale	Folio	2024 Catalogue page
⊙3049	Indonesia, Kalimantan - East Coast, Santan Oil Terminal to Pelabuhan Tanjung Bara. Pelabuhan Tanjung Bara.	1:100,000 1:25,000	59	72
<i>Includes significant safety-related information as follows: new submarine pipelines and well and changes to platforms and depths.</i>				
<i>Note: On publication of this New Edition former Notice 1197(P)/24 is cancelled.</i>				

New Editions of ADMIRALTY Small Craft Charts published 08 August 2024

Chart	Title and other remarks	Scale	NP109A Catalogue page
5615_2	Blyth to Berwick-upon-Tweed.	1:200,000	33
<i>Includes full updates for New Edition and Notices to Mariners affecting source charts.</i>			
<i>Note: This chart remains affected by Notice 2438(P)/23.</i>			

Reproductions of Australian Government Charts

(Publication dates of these charts reflect the dates shown on the Australian Government Charts)

Chart	Published	Title and other remarks	Scale	Folio	2024 Catalogue page
⊙AUS57	21/06/2024	Australia - Northwest Coast, Western Australia, Dampier Archipelago.	1:75,000	63	92
<i>Includes changes to depths and general updating throughout. (A modified reproduction of AUS57 published by Australia.)</i>					
<i>Note: On publication of this New Edition former Notice 3495(P)/24 is cancelled. This chart remains affected by Notices 1512(T)/23, 2050(T)/23, 3613(T)/23, 1226(T)/24, 2220(T)/24, 2883(T)/24, 3438(T)/24 and 3611(T)/24.</i>					
⊙AUS59	21/06/2024	Australia - Northwest Coast, Western Australia, Dampier (Northern Sheet).	1:10,000	63	92
<i>Includes changes to depths and pipelines. (A modified reproduction of AUS59 published by Australia.)</i>					
<i>Note: On publication of this New Edition former Notices 3429(P)/24 and 3606(P)/24 are cancelled.</i>					

⊙ 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

Reproductions of Australian Government Charts (continued)

(Publication dates of these charts reflect the dates shown on the Australian Government Charts)

Chart	Published	Title and other remarks	Scale	Folio	2024 Catalogue page
-------	-----------	-------------------------	-------	-------	---------------------

⊙AUS60	21/06/2024	Australia - Northwest Coast, Western Australia, Dampier (Southern Sheet).	1:10,000	63	92
--------	------------	---	----------	----	----

Includes changes to depths and general updating throughout. (A modified reproduction of AUS60 published by Australia.)

Note: On publication of this New Edition former Notices 3495(P)/24 and 3606(P)/24 are cancelled.

ADMIRALTY Publications

NP No.	Title and other remarks	Date	Remarks
NP234(B) & e-NP234(B)	ADMIRALTY Cumulative List of Notice to Mariners – June 2024 ISBN Number: 978-0-70-774-6456	08/08/2024	This Edition supersedes NP234(B) 2023 which is hereby cancelled.
NP285	ADMIRALTY List of Radio Signals. Global Maritime Distress and Safety System (GMDSS) Volume NP285 5th Edition (2024). ISBN Number: 978-0-70-774-8115	08/08/2024	Updated to Week 25/24 (20/06/24) First updates in NM week 32/24 (08/08/24). The 4th Edition (2023) of NP285 is cancelled.

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

I

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 22 AUGUST 2024

New Editions of ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio	2024 Catalogue page
50	United States - West Coast, Washington, Puget Sound, Seattle Harbor. Continuation of Duwamish Waterway.	1:10,000 1:10,000	⊙50	90	110
	<i>Includes significant safety-related information as follows: new foul grounds and floating docks. Changes to depths, coastline, and obstructions.</i>				
633	Plans on the East Coast of Ireland. Ⓐ Northern Ireland, Ardglass and Killough Harbours. Ⓑ Skerries Islands. Ⓒ Wicklow. Ⓓ Arklow. Ⓔ Malahide Inlet. Ⓕ Rogerstown Inlet.	1:15,000 1:12,500 1:10,000 1:10,000 1:10,000 1:20,000	⊙633	3	26
	<i>Includes significant safety-related information as follows: changes to depths.</i>				
1229 INT 7285	International Chart Series, Iran, Iraq and Kuwait, Khawr 'Abd Allāh Hadd Warbah to Athan Shoal. Hadd Warbah.	1:50,000 1:25,000	⊙1229 INT 7285	40	62
	<i>Includes significant safety-related information as follows: changes to former mined areas and general updating throughout.</i>				
1235 INT 7289	International Chart Series, Iran, Iraq and Kuwait, Khawr 'Abd Allāh and Approaches to Shatt Al Arab.	1:100,000	⊙1235 INT 7289	40	62
	<i>Includes significant safety-related information as follows: changes to former mined areas and general updating throughout. The title has been changed.</i>				
1265 INT 7291	International Chart Series, Approaches to Shatt Al Arab, Khawr al Amaya and Khawr al Kafka. Entrance to Khawr al Kafka.	1:60,000 1:20,000	⊙1265 INT 7291	40	62
	<i>Includes significant safety-related information as follows: changes to former mined areas and general updating throughout.</i>				

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

I

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 22 AUGUST 2024

New Editions of ADMIRALTY Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio	2024 Catalogue page
2616 INT 11431	International Chart Series, Finland - Gulf of Bothnia, Kokkola and Rahja. Ⓐ Kokkola. Ⓑ Rahja.	1:20,000 1:20,000	⊙2616 INT 11431	11	36
<i>Includes changes to depths, fairways, buoyage, anchorage areas, restricted areas, aids to navigation and port developments. (A modified reproduction of INT 11431 published by Finland.) Note: The charted vertical reference system is now Baltic Sea Chart Datum 2000 (BSCD 2000).</i>					
2884 INT 7278	International Chart Series, Iran, Iraq, Kuwait and Saudi Arabia, Mīnā' az Zawr to Al Baṣrah and Būshehr.	1:350,000	⊙2884 INT 7278	40	62
<i>Includes significant safety-related information as follows: changes to former mined areas and general updating throughout.</i>					
3773	Iraq, Kuwait and Saudi Arabia, Ra's Al Khafjī to Jazīrat Būbiyān.	1:150,000	⊙3773	40	62
<i>Includes significant safety-related information as follows: changes to former mined areas and general updating throughout.</i>					
3862 INT 1143	International Chart Series, Finland - Gulf of Bothnia, Approaches to Kokkola.	1:50,000	⊙3862 INT 1143	11	36
<i>Includes changes to depths, fairways, buoyage, marine reserves and port developments. (A modified reproduction of INT 1143 published by Finland.) Note: The charted vertical reference system is now Baltic Sea Chart Datum 2000 (BSCD 2000).</i>					

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

I

CHARTS TO BE AVAILABLE 22 AUGUST 2024

New Editions

Reproductions of New Zealand Government Chart

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio	2024 Catalogue page
NZ56	New Zealand, North Island - East Coast, Kahutara Point to Blackhead Point. <i>Includes changes to depths, precautionary areas and general updating throughout. (A modified reproduction of Chart NZ56 published by New Zealand.)</i>	1:200,000	⊙NZ56	71	94
NZ5612	New Zealand, North Island - East Coast, Napier Roads. Napier Harbour. <i>Includes changes to depths, lights, anchorage areas and obstructions. (A modified reproduction of Chart NZ5612 published by New Zealand.)</i>	1:25,000 1:7,500	⊙NZ5612	71	94

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

ADMIRALTY Charts

Chart to be WITHDRAWN	Main Title	On publication of New Chart/New Edition
3049	Indonesia, Kalimantan - East Coast, Santan Oil Terminal to Pelabuhan Tanjung Bara.	⊙3049
5615_2	Blyth to Berwick-upon-Tweed.	5615_2
AUS57	Australia - Northwest Coast, Western Australia.	⊙AUS57
AUS59	Australia - Northwest Coast, Western Australia, Dampier (Northern Sheet).	⊙AUS59
AUS60	Australia - Northwest Coast, Western Australia, Dampier (Southern Sheet).	⊙AUS60

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

IA
TEMPORARY AND PRELIMINARY NOTICES
In Force 2 August 2024

(Former In Force List dated 5 July 2024 is cancelled)

Cancelled Notices

<i>Area</i>	<i>Notice No.</i>
2	2991(T)/21, 113(T)/23, 1953(T)/23, 3240(P)/23, 4562(T)/23, 4621(T)/23, 518(T)/24, 558(T)/24, 1327(T)/24, 1375(T)/24, 1637(P)/24, 1878(P)/24, 2128(T)/24, 2512(T)/24, 2649(P)/24, 2701(P)/24, 2936(P)/24
4	3596(T)/23, 1071(T)/24, 1537(P)/24, 3367(T)/24
5	3314(T)/23, 3553(T)/23, 4151(T)/23, 5055(T)/23, 2191(P)/24, 2533(T)/24
6	4084(T)/22, 928(T)/23, 2478(T)/23, 4035(T)/23, 1446(T)/24, 1447(T)/24, 1449(T)/24
7	1400(T)/24
8	4283(T)/22, 528(T)/23, 2486(T)/23, 1129(P)/24
13	4676(T)/23
14	5350(P)/21, 1105(P)/22, 1118(P)/24, 1919(P)/24
15	5210(T)/14, 1698(T)/15, 4045(T)/16, 435(T)/17, 899(T)/17, 2162(T)/17, 3465(T)/17, 1083(T)/18, 6114(T)/19, 6136(T)/19, 2699(T)/20, 5530(T)/20, 370(T)/21, 1069(T)/21, 1542(T)/21, 2440(T)/21, 2645(T)/21, 2806(T)/21, 3663(T)/21, 340(T)/22, 991(T)/22, 3507(T)/22, 3508(T)/22, 5026(T)/22, 5202(T)/22, 188(T)/23, 1016(T)/23, 1256(T)/23, 1502(T)/23, 1773(T)/23, 1846(T)/23, 2088(T)/23, 2549(T)/23, 2856(T)/23, 3531(T)/23, 4195(T)/23, 4196(T)/23, 4506(T)/23, 4779(T)/23, 4782(T)/23, 5023(T)/23, 395(T)/24, 396(T)/24, 397(T)/24, 490(T)/24, 491(T)/24, 492(T)/24, 608(T)/24, 609(T)/24, 610(T)/24, 862(T)/24, 975(T)/24, 1200(T)/24, 1201(T)/24, 1410(T)/24, 1411(T)/24, 1415(T)/24, 1798(T)/24, 1799(T)/24, 1800(T)/24, 1898(T)/24, 1899(T)/24, 1982(T)/24, 1983(T)/24, 2094(T)/24, 2346(T)/24, 2347(T)/24, 2504(T)/24, 2624(T)/24, 2626(T)/24, 2628(P)/24, 2629(P)/24, 2735(T)/24, 3037(T)/24
16	476(T)/23, 2564(T)/23
17	1103(T)/16, 1256(T)/17, 2964(T)/22, 1197(P)/24
18	3306(T)/21, 1368(T)/22, 1278(T)/23, 4019(P)/23, 656(T)/24, 2047(T)/24, 2921(T)/24, 3093(T)/24, 3128(T)/24, 3429(P)/24, 3495(P)/24, 3606(P)/24
19	1131(P)/24
20	3021(T)/12, 3588(P)/21, 2738(T)/24
22	2504(T)/23
24	4348(P)/23, 1676(P)/24, 1876(P)/24, 2933(T)/24
26	1565(P)/24, 2298(T)/24

<i>No. of Notice</i>	<i>Charts affected</i>	<i>Locality & Subject</i>	<i>Folio(s)</i>
2. BRITISH ISLES			
397(T)/14	2792.....	IRELAND, West Coast: Light-beacons; Pontoon.....	4
3907(T)/21	219, 1119, 1239, 1942, 2182C, 3299	SCOTLAND, Shetland Islands: Light.....	6
798(T)/22	3496.....	ENGLAND, East Coast: Pier; Works.....	7
1073(T)/22	807, 808, 3140, 3654.....	CHANNEL ISLANDS, Guernsey: Buoyage; Measuring instruments.....	16
1081(T)/22	1981, 5613_8.....	ENGLAND, West Coast: Perch; Buoy.....	2,3
1103(T)/22	2793, 5600_21.....	ENGLAND, South Coast: Buoy.....	1,2
1108(T)/22	1994, 5610_3.....	SCOTLAND, West Coast: Buoyage.....	2,3
1662(T)/22	807, 808, 3654, 5604_10, 5604_9....	CHANNEL ISLANDS, Guernsey: Light-beacon.....	2,16
2077(P)/22	2220.....	SCOTLAND, West Coast: Wreck.....	3
2352(T)/22	1413, 5609_12.....	WALES, North Coast: Wrecks; Buoy.....	2,3
2721(T)/22	1077, 1889.....	SCOTLAND, East Coast: Wind turbine; Light.....	6
2837(T)/22	219, 1239, 1942, 1954, 2182C, 2250	SCOTLAND, Orkney Islands: Light.....	6
2867(T)/22	1462, 5617_18.....	SCOTLAND, East Coast: Dredging area; Depths; Works.....	2,6
2946(T)/22	2566.....	ENGLAND, East Coast: Buoy; Wreck.....	7

IA

2. BRITISH ISLES (continued)

3028(T)/22	1934, 5615_20, 5615_21.....	ENGLAND, East Coast: Works.....	2,7
3345(T)/22	35, 2249, 2581.....	SCOTLAND, Orkney Islands: Light.....	6
3375(T)/22	1978, 5609_13.....	WALES, North Coast: Works; Submarine pipeline; Lights.....	2,3
3379(T)/22	1464, 5609_8.....	WALES, North Coast: Buoy.....	2,3
3381(P)/22	1478, 1973, 5620_7, 5620_8, 5620_9.....	WALES, West Coast: Marine farm; Buoyage; Works.....	2,3
3781(T)/22	1149, 1168, 5603_4.....	ENGLAND, West Coast: Obstruction.....	1,2
3875(T)/22	2021, 5600_4.....	ENGLAND, South Coast: Works.....	1,2
4450(P)/22	115, 219, 1119, 1233, 1239, 1942, 1954, 2182C, 3281, 3283, 3294, 4140.....	SCOTLAND, Shetland Islands: Submarine power cable; Works.....	6,7
4657(P)/22	2022, 2625, 2628, 2629, 2631, 5600_12, 5600_13..	ENGLAND, South Coast: General information.....	1,2
421(P)/23	5609_12.....	WALES, North Coast: Light; Obstructions; Buoy; Works.....	2
430(P)/23	2, 1104, 1123, 1156, 1178, 2649, 4103, 5603_1, 5603_15, 5608_2, 5620_1, 5622_1.....	ENGLAND, West Coast: Submarine cable.....	1,2,6,16, 18
432(P)/23	2702, 2792.....	IRELAND, West Coast: Quay; Works; Dredging area.....	4
434(P)/23	871, 1902, 5602_17.....	ENGLAND, South Coast: Works.....	1,2
437(T)/23	2845, 5604_8.....	CHANNEL ISLANDS, Alderney: Beacon.....	2,16
438(T)/23	2046, 5622_4.....	IRELAND, South Coast: Buoy.....	2
443(T)/23	2022, 5600_8.....	ENGLAND, South Coast: Works; Lights.....	1,2
459(P)/23	1178, 1410, 5620_3, 5621_2.....	WALES, West Coast: Depths.....	2,3
474(T)/23	1151, 1152, 5608_13, 5608_14..	ENGLAND, Bristol Channel: Buoy.....	2
902(T)/23	2474.....	SCOTLAND, West Coast: Works; Berth.....	5
965(P)/23	2007.....	SCOTLAND, West Coast: Works; Bridge; Dredging area; Piles; Quay.....	3
1450(T)/23	2045, 2450, 5600_1, 5600_2, 5600_3.....	ENGLAND, South Coast: Measuring instruments; Buoyage.....	1,2
1711(P)/23	1409, 5617_15.....	SCOTLAND, East Coast: Depths; Rock.....	2,6
1801(T)/23	734, 735, 5615_12..	SCOTLAND, East Coast: Works; Pilotage; Light.....	2,7
1804(T)/23	442, 1267, 2655, 2656, 5602_1.....	ENGLAND, South Coast: Buoy; Automatic Identification System.....	1,2
2399(P)/23	219, 1239, 1954, 2162, 2249.....	SCOTLAND, North Coast: Submarine cable.....	6
2438(P)/23	268, 1192, 1346, 1407, 2013, 2182A, 2182B, 2450, 2613, 2656, 2675, 5500, 5604_1, 5605_1, 5613_15, 5615_2, 5615_23.....	ENGLAND, South Coast: Restricted areas.....	1,2,3,6,7, 16
2633(T)/23	2081, 2092, 5623_16, 5623_18..	IRELAND, South Coast: Scientific instruments.....	2
2665(T)/23	3337.....	ENGLAND, East Coast: Works; Restricted area.....	8
2688(T)/23	1934, 5615_21.....	ENGLAND, East Coast: Works.....	2,7
3007(T)/23	3741, 5607_9.....	ENGLAND, East Coast: Wreck.....	2,7

IA

2. BRITISH ISLES (continued)

3073(T)/23	1612.....	ENGLAND, East Coast: Buoy; Depths; Leading line.....	7
3339(T)/23	121, 1190, 1191, 1882, 5614_21.....	ENGLAND, East Coast: Buoy.....	2,7
3363(T)/23	1627, 1935.....	ENGLAND, East Coast: Obstructions.....	7
3366(T)/23	1698, 5605_14.....	ENGLAND, South Coast: Works; Pontoons; Piles.....	1,2
3625(T)/23	2825, 5616_24.....	SCOTLAND, West Coast: Marina; Light.....	2,5
4154(T)/23	2611, 5601_11.....	ENGLAND, South Coast: Beacon; Buoy.....	1,2
4161(T)/23	1320, 1346, 1826, 2094, 5613_2, 5613_21.....	ISLE OF MAN: Buoy.....	2,3
4162(T)/23	1127, 1795, 1796, 2635, 5616_12, 5616_13, 5616_14, 5616_27.....	SCOTLAND, West Coast: Light; Works.....	2,5
4164(P)/23	2253, 5602_9.....	ENGLAND, South Coast: Works; Jetty; Pontoons; Mooring buoy; Hulk; Light.....	1,2
4216(T)/23	3274, 3275, 5620_12, 5620_13..	WALES, South Coast: Works; Berth; Jetty; Lights.....	2
4253(T)/23	219, 1119, 1239, 2182C, 3283.....	SCOTLAND, Shetland Islands: Light.....	6
4351(P)/23	1867, 1907, 2491, 5610_1, 5610_9.....	SCOTLAND, West Coast: Breakwater; Works; Buoyage; Lights.....	2,3
4406(T)/23	1994, 2000, 5610_3.....	SCOTLAND, West Coast: Lights; Beacons.....	2,3
4628(T)/23	152, 156, 1191, 1192, 1934, 1935, 2182A, 2182B, 5615_1, 5615_20, 5615_23, 5615_5, 5615_6.....	ENGLAND, East Coast: Lights.....	2,7
4713(T)/23	5614_4, 5614_5.....	ENGLAND, East Coast: Wreck.....	2
4750(T)/23	115, 278, 1409, 2182B, 2182C.....	SCOTLAND, East Coast: Superbuoys; Automatic Identification Systems.....	6,7
4969(T)/23	115, 1239, 1942, 2182C.....	SCOTLAND, East Coast: Superbuoy.....	6
4979(P)/23	1534, 5614_4, 5614_5.....	ENGLAND, East Coast: Works; Pontoon.....	2,7
242(T)/24	2173, 3338, 3339...	IRELAND, West Coast: Buoy.....	4
326(T)/24	30, 871, 1901, 1902, 1967, 5602_14, 5602_15, 5602_16, 5602_17..	ENGLAND, South Coast: Scientific instruments.....	1,2
417(T)/24	1478, 2878, 3273, 3274, 5620_10, 5620_11, 5620_9....	WALES, South Coast: Wave recorders; Buoyage.....	2
482(T)/24	106, 1408, 1503.....	ENGLAND, East Coast: Obstruction.....	7
495(T)/24	2625, 5600_12.....	ENGLAND, South Coast: Works; Buoyage.....	1,2
502(P)/24	1820, 2096, 2709, 3339.....	IRELAND, West Coast: Depths; Drying heights.....	4
515(T)/24	1185, 1186, 5606_8.....	ENGLAND, East Coast: Works.....	2,8
526(P)/24	1076, 1121, 1123, 1178, 1478, 2878, 3273, 3274, 5608_2, 5620_1, 5620_10, 5620_11, 5620_3, 5620_9, 5621_18, 5621_2....	WALES, South Coast: Submarine cable.....	2,3
533(T)/24	44, 5621_3.....	IRELAND, East Coast: Wreck; Buoy.....	2,3

IA

2. BRITISH ISLES (continued)

565(T)/24	1772, 1787, 5621_11, 5621_15..	IRELAND, East Coast: Buoyage.....	2,3
775(T)/24	3282, 3284.....	SCOTLAND, Shetland Islands: Buoy.....	6
789(T)/24	1773, 1777, 5622_10, 5622_11, 5622_12.....	IRELAND, South Coast: Buoyage.....	2
829(T)/24	2036, 5600_13.....	ENGLAND, South Coast: Works; Buoyage.....	1,2
893(T)/24	1200, 5614_11, 5614_12.....	ENGLAND, East Coast: Buoy.....	2,7
1210(T)/24	3274, 3275, 5620_12, 5620_13..	WALES, South Coast: Depths.....	2
1219(T)/24	1835, 2482, 5606_11.....	ENGLAND, East Coast: Wreck.....	2,8
1221(P)/24	442, 1613, 2655, 2656, 5602_1, 5602_6, 5604_2.....	ENGLAND, South Coast: Wreck.....	1,2
1223(T)/24	1901, 1967, 5602_15, 5602_16..	ENGLAND, South Coast: Works.....	1,2
1297(T)/24	134, 152, 266, 1191, 1192, 5615_1, 5615_4.....	ENGLAND, East Coast: Buoyage.....	2,7
1403(T)/24	2037, 2045, 3418, 5600_16, 5600_17, 5600_3.....	ENGLAND, South Coast: Buoy.....	1,2
1416(T)/24	1757, 1794, 2210, 5616_9.....	SCOTLAND, West Coast: Scientific instruments; Buoyage.....	2,5
1436(P)/24	219, 1233, 1239, 2182C, 2182D.....	SCOTLAND, Shetland Islands: Works; Submarine pipeline; Manifolds.....	6,13
1643(T)/24	2210, 5616_7.....	SCOTLAND, West Coast: Buoyage; Scientific instruments.....	2,5
1817(P)/24	5623_6, 5623_7.....	IRELAND, West Coast: Works; Breakwater; Quay; Dredged depth; Lights....	2
2020(T)/24	1462.....	SCOTLAND, East Coast: Scientific instruments.....	6
2113(T)/24	2511, 2811, 5612_20, 5612_22, 5612_23.....	IRELAND, North Coast: Scientific instruments; Buoyage.....	2,3
2166(P)/24	633.....	IRELAND, East Coast: Depths; Drying heights.....	3
2272(T)/24	3273, 3274.....	WALES, South Coast: Buoy; Scientific instrument.....	2
2400(T)/24	2635, 2720, 2721, 5616_27.....	SCOTLAND, North Coast: Scientific instruments; Moorings.....	2,5,6
2510(T)/24	3282, 3284.....	SCOTLAND, Shetland Islands: Scientific instruments; Buoyage.....	6
2513(P)/24	1121, 1123, 1178, 1410, 2049, 5620_1, 5621_14, 5621_18, 5621_2, 5622_1.....	IRELAND, South Coast: Submarine power cable.....	2,3
2562(P)/24	1320, 1981, 2010, 5613_9.....	ENGLAND, West Coast: Depths.....	2,3
2568(T)/24	1121, 1123, 1178, 2649, 5603_1, 5620_1, 5620_3.....	ENGLAND, West Coast: Scientific instruments; Buoyage; Automatic Identification System.....	1,2,3
2588(P)/24	1183, 1607, 5606_2, 5606_5.....	ENGLAND, East Coast: Outfall; Buoyage; Works.....	2,7,8
2652(P)/24	3294.....	SCOTLAND, Shetland Islands: Depths.....	6
2671(T)/24	1826, 5613_1.....	IRISH SEA: Buoy; Automatic Identification System.....	2,3
2704(T)/24	1185, 3683, 5606_7, 5606_9.....	ENGLAND, East Coast: Obstructions.....	2,8
2794(T)/24	1121, 1123, 2049, 5621_14, 5622_1, 5622_2.....	IRELAND, South Coast: Measuring instrument; Superbuoy; Automatic Identification System; Buoy.....	2,3

IA

2. BRITISH ISLES (continued)

2878(T)/24	2171, 2652, 2771, 5611_11, 5611_21..	SCOTLAND, West Coast: Current meter; Buoyage.....	2,5
2932(T)/24	2515, 2720, 2721...	SCOTLAND, Hebrides: Scientific instruments; Moorings.....	6
2971(T)/24	152, 156, 5615_6...	ENGLAND, East Coast: Buoy.....	2,7
3027(T)/24	2720, 2721.....	SCOTLAND, North Coast: Buoyage; Moorings.....	6
3054(P)/24	323, 1183, 1607, 5606_2, 5606_4, 5606_5.....	ENGLAND, East Coast: Depths.....	1,2,7,8
3056(T)/24	213, 278, 1409.....	SCOTLAND, East Coast: Works; Wind farm; Wind turbines; Moorings; Submarine power cables.....	6,7
3059(P)/24	5521.....	ENGLAND, West Coast: International boundary.....	3
3075(P)/24	2035, 2172, 2175, 2615, 5601_13, 5601_5.....	ENGLAND, South Coast: Works; Harbour developments; Restricted area.....	1,2
3097(T)/24	2474, 2481.....	SCOTLAND, West Coast: Buoyage.....	5
3126(T)/24	2131, 2382, 5610_10.....	SCOTLAND, Firth of Clyde: Wreck; Buoy.....	2,3,5
3138(T)/24	213, 278, 1409.....	SCOTLAND, East Coast: Scientific instruments.....	6,7
3152(T)/24	1463, 1977, 1978, 5609_13, 5609_14..	WALES, North Coast: Scientific instruments.....	2,3
3256(P)/24	1757, 1795, 5616_10, 5616_11, 5616_12.....	SCOTLAND, West Coast: Depths; Drying heights.....	2,5
3264(T)/24	2052, 2693, 5607_4, 5607_5, 5607_6.....	ENGLAND, East Coast: Current meter; Buoyage.....	2,7
3308(P)/24	266.....	ENGLAND, East Coast: Wind farm; Buoyage; Works; Submarine cables.....	7
3312(P)/24	1866.....	SCOTLAND, West Coast: Berth; RoRo.....	3
3339(P)/24	1820, 2096, 2708, 2709, 3339.....	IRELAND, West Coast: Depths.....	4
3433(T)/24	134, 152, 5615_4...	ENGLAND, East Coast: Works; Depths; Buoy.....	2,7
3434(T)/24	1407, 1409.....	SCOTLAND, East Coast: Scientific instruments.....	6
3549(T)/24	148, 154, 442, 777, 1267, 2565, 2655, 2656, 5602_1, 5602_2, 5602_4, 5603_15....	ENGLAND, South Coast: Scientific instruments.....	1,2
3556(T)/24	2250, 2584.....	SCOTLAND, Orkney Islands: Current meter; Buoy.....	6
3566(T)/24	2208, 2541, 5616_3.....	SCOTLAND, West Coast: Scientific instruments; Buoyage.....	2,5
3587(T)/24	108, 1190, 1503, 5614_7, 5614_8.....	ENGLAND, East Coast: Buoy.....	2,7
3590(P)/24	2171, 2652, 5611_11, 5611_21..	SCOTLAND, West Coast: Depths.....	2,5
3669(P)/24	1166, 1176, 5608_16, 5608_18, 5608_20, 5608_21..	ENGLAND, Bristol Channel: Depths; Drying heights; Dredging areas.....	2

3. NORTH RUSSIA, NORWAY, THE FÆROE ISLANDS AND ICELAND

4644(T)/12	2961.....	RUSSIA, Barents Sea Coast: Buoyage.....	14
3336(T)/18	2966.....	RUSSIA, Barents Sea Coast: Jetties.....	14
4860(T)/20	2683, 4100.....	NORWAY, North Coast: Buoyage.....	14
359(T)/21	2683.....	NORWAY, North Coast: Buoy.....	14
4485(P)/21	2683.....	NORWAY, North Coast: Offshore installation.....	14
2567(T)/22	2683, 3137, 4010...	NORWEGIAN SEA, Svalbard: Measuring instruments.....	14,15
3259(P)/22	2683.....	NORWAY, North Coast: Offshore installation; Submarine power cable; Works.....	14
4943(P)/22	1427, 2182C, 2182D.....	NORWAY, West Coast: Submarine power cable; Precautionary area; Works...	6,13

IA

3. NORTH RUSSIA, NORWAY, THE FÆROE ISLANDS AND ICELAND (continued)

671(T)/23	2966.....	RUSSIA, Barents Sea Coast: Buoy.....	14
2659(T)/23	2898.....	ICELAND: Light.....	15
2681(T)/23	2898.....	ICELAND: Light.....	15
2878(T)/23	2898.....	ICELAND: Buoyage.....	15
3556(T)/23	1405, 1427, 2182C	NORWAY, West Coast: Obstruction.....	6,13
4047(P)/23	2351, 2352, 2683...	NORWAY, North Coast: Works; Submarine pipeline; Precautionary area; Buoyage.....	14
4298(T)/23	1429.....	NORWAY, West Coast: Well.....	13
4396(T)/23	1429, 4101.....	NORWAY, West Coast: Measuring instrument.....	13
233(T)/24	2898.....	ICELAND: Virtual aid to navigation; Obstruction.....	15
1479(T)/24	2966.....	RUSSIA, Barents Sea Coast: Buoy.....	14
1487(T)/24	2683.....	NORWAY, North Coast: Buoy.....	14
1538(T)/24	2683.....	NORWAY, North Coast: Scientific instruments.....	14
1972(T)/24	2735.....	ICELAND: Buoyage.....	15
2840(T)/24	1429, 1430.....	NORWAY, West Coast: Buoyage.....	13
2853(T)/24	1405, 1427, 2182C	NORWAY, West Coast: Works; Submarine pipeline.....	6,13
3462(P)/24	1430.....	NORWAY, West Coast: Submarine pipeline; Submarine cable; Works.....	13
3683(T)/24	2683.....	RUSSIA, Barents Sea Coast: Buoy.....	14

4. BALTIC SEA AND APPROACHES

4859(T)/17	944.....	DENMARK, Islands: Leading line.....	10
3341(T)/18	902.....	DENMARK, Islands: Works; Buoyage.....	10
2822(T)/19	857, 858.....	SWEDEN, West Coast: Depths.....	10
4290(T)/19	2264.....	RUSSIA, Baltic Sea Coast: Mooring buoys.....	11
4460(T)/19	875.....	SWEDEN, West Coast: Depth; Maximum authorised draught.....	10
6402(P)/19	2014, 2018, 2248, 2264, 2816, 2817...	BALTIC SEA: Submarine pipelines.....	10,11
917(T)/20	857, 858.....	SWEDEN, West Coast: Depths.....	10
4640(T)/20	2241, 2248.....	ESTONIA: Restricted area.....	10,11
5964(T)/20	2218, 3818.....	FINLAND, South Coast: Spoil ground.....	11
1502(T)/21	911.....	SWEDEN, West Coast: Restricted area.....	10
1866(P)/21	2014, 2018.....	GERMANY, Baltic Coast: Submarine cables.....	10
2011(T)/21	2048, 2054, 2288, 2816, 2817.....	LATVIA: Scientific instrument.....	10
2663(T)/21	2612, 3839.....	FINLAND, West Coast: Fairways; Swept areas; Buoyage; Recommended tracks.....	11
2786(P)/21	2276.....	LITHUANIA: Breakwater; Works.....	10
3082(P)/21	2817.....	BALTIC SEA: Submarine cable.....	10
3880(T)/21	2843.....	SWEDEN, East Coast: Maximum authorised draughts; Berths.....	10
3881(P)/21	845.....	SWEDEN, East Coast: Works; Lights; Floodlights.....	10
4256(T)/21	2452.....	POLAND: Works.....	10
5030(T)/21	2219, 3818.....	FINLAND, South Coast: Works; Buoyage.....	11
1111(P)/22	2106.....	DENMARK, Islands: Restricted areas; Buoyage; Works.....	10
2205(T)/22	2227.....	ESTONIA: Restricted area.....	11
4719(T)/22	2018, 2816.....	SWEDEN, South Coast: Submarine pipelines; Works.....	10
4954(T)/22	2859.....	LATVIA: Buoyage.....	10
5050(T)/22	2018, 2040.....	POLAND: Buoy.....	10
5123(T)/22	798.....	SWEDEN, East Coast: Depths; Swept area.....	10
108(P)/23	876.....	SWEDEN, West Coast: Maximum authorised draughts.....	10
221(T)/23	2856.....	SWEDEN, East Coast: Maximum authorised draught; Berths; Depth.....	10
747(T)/23	2040, 2688.....	POLAND: Explosive dumping ground.....	10
1591(T)/23	1917.....	RUSSIA, Baltic Sea Coast: Buoy.....	10
1663(T)/23	798.....	SWEDEN, East Coast: Maximum authorised draught; Depth.....	10
2111(T)/23	2040, 2288, 2637, 2688, 2816.....	POLAND: Dredged area; Works; Buoy; Scientific instruments.....	10
2366(T)/23	811, 820.....	SWEDEN, East Coast: Works; Bridges; Fairway.....	10
2488(T)/23	2014, 2018, 2816...	DENMARK, Islands: Restricted areas; Obstructions; Submarine pipeline.....	10

IA

4. BALTIC SEA AND APPROACHES (continued)

2619(T)/23	2620, 3863.....	FINLAND, West Coast: Swept areas; Maximum authorised draught.....	11
2729(T)/23	2018, 2040.....	POLAND: Measuring instrument; Buoy.....	10
2743(T)/23	2241, 2248.....	ESTONIA: Buoy.....	10,11
2744(T)/23	2075.....	ESTONIA: Buoy.....	11
2767(T)/23	2018, 2040.....	POLAND: Measuring instrument; Buoy.....	10
2802(T)/23	2215.....	ESTONIA: Buoy.....	10
2805(T)/23	940.....	DENMARK, Islands: Works.....	10
2806(T)/23	940.....	DENMARK, Islands: Works.....	10
2807(T)/23	2040, 2637, 2688...	POLAND: Works.....	10
2825(T)/23	2098, 2252, 3800...	FINLAND, West Coast: Virtual aids to navigation.....	11
2865(T)/23	923.....	DENMARK, Islands: Depths.....	10
2870(T)/23	2636.....	POLAND: Works.....	10
2891(T)/23	2452.....	POLAND: Works.....	10
2892(T)/23	2637.....	POLAND: Works; Restricted area.....	10
2893(T)/23	2452.....	POLAND: Works; Buoyage.....	10
2894(T)/23	2040, 2688.....	POLAND: Obstruction.....	10
2974(T)/23	2453, 2677.....	POLAND: Restricted area; Works.....	10
3049(T)/23	2637.....	POLAND: Works.....	10
3085(T)/23	2677.....	POLAND: Buoy.....	10
3086(T)/23	2040, 2688.....	POLAND: Buoyage.....	10
3206(T)/23	689, 2073, 2075, 2082, 2252, 2817...	FINLAND, West Coast: Scientific instruments; Buoyage.....	10,11
3331(T)/23	2014.....	POLAND: Buoy.....	10
3830(T)/23	2059.....	ESTONIA: Buoy.....	10
3963(T)/23	894, 2108.....	DENMARK, East Coast: Submarine pipelines; Buoyage.....	10
4160(T)/23	887, 888.....	SWEDEN, East Coast: Works; Jetty.....	10
4393(T)/23	892, 2107.....	DENMARK, East Coast: Buoy.....	10
4450(T)/23	2636.....	POLAND: Works; Quay.....	10
4800(T)/23	2637.....	POLAND: Buoy.....	10
5045(T)/23	2532.....	DENMARK, Islands: Depths.....	10
5059(P)/23	2594.....	DENMARK, Islands: Restricted areas; Buoyage; Light; Channels.....	10
5060(T)/23	2592.....	DENMARK, Islands: Depth.....	10
211(T)/24	893, 2085.....	SWEDEN, East Coast: Buoyage; Automatic Identification Systems.....	11
212(T)/24	820.....	SWEDEN, East Coast: Vertical clearance.....	10
266(P)/24	900.....	DENMARK, East Coast: Quay; Works; Depths; Lights.....	10
271(T)/24	820.....	SWEDEN, East Coast: Works; Restricted area; Buoyage; Quay.....	10
622(T)/24	853, 869.....	SWEDEN, West Coast: Bridge; Works; Restricted area; Buoyage.....	10,12
1377(T)/24	944.....	DENMARK, Islands: Works.....	10
1380(T)/24	2364, 2395.....	RUSSIA, Baltic Sea Coast: Lights.....	11
1441(T)/24	2241, 2248.....	ESTONIA: Buoy.....	10,11
1442(T)/24	2227, 2241, 2248...	ESTONIA: Foul.....	10,11
1457(T)/24	944.....	DENMARK, Islands: Beacons.....	10
1490(T)/24	2218, 3818.....	FINLAND, South Coast: Works; Buoy.....	11
1494(T)/24	2040, 2288, 2688...	POLAND: Measuring instruments.....	10
1510(T)/24	938, 2596.....	DENMARK, Islands: Works; Pier.....	10
1515(T)/24	2040, 2288.....	BALTIC SEA: Scientific instrument.....	10
1521(T)/24	929, 2591.....	DENMARK, East Coast: Beacon.....	10
1532(T)/24	902.....	DENMARK, Islands: Works; Bridge; Vertical clearance; Horizontal clearance.....	10
1533(T)/24	2059, 2226.....	LATVIA: Buoy.....	10
1534(T)/24	2048, 2231, 2288...	LATVIA: Buoy.....	10
1546(T)/24	2364.....	RUSSIA, Baltic Sea Coast: Dolphin; Berths; Lights.....	11
1614(T)/24	2688.....	POLAND: Buoyage; Measuring instruments.....	10
1763(T)/24	2048, 2288, 2816...	LITHUANIA: Automatic Identification System; Superbuoy; Restricted area..	10
1834(P)/24	891, 956.....	SWEDEN, East Coast: Works; Jetty; Unsurveyed area.....	11
1838(T)/24	2164, 3830.....	FINLAND, West Coast: Virtual aid to navigation.....	11

IA

4. BALTIC SEA AND APPROACHES (continued)

1939(T)/24	2048, 2231, 2288, 2816.....	LITHUANIA: Buoyage; Restricted areas.....	10
2163(T)/24	956.....	SWEDEN, East Coast: Works.....	11
2186(T)/24	2018, 2040.....	POLAND: Restricted area.....	10
2189(T)/24	2018, 2040.....	BALTIC SEA: Buoyage; Light-beacon.....	10
2296(T)/24	2688.....	POLAND: Measuring instruments; Buoyage.....	10
2492(T)/24	847.....	SWEDEN, East Coast: Works; Berths.....	10
2509(T)/24	811, 820.....	SWEDEN, East Coast: Works; Bridge; Buoyage.....	10
2570(T)/24	2227.....	ESTONIA: Scientific instrument; Restricted area.....	11
2662(T)/24	2040, 2288.....	POLAND: Platform; Restricted area.....	10
2664(T)/24	2014.....	POLAND: Works.....	10
2665(T)/24	2040, 2288, 2816...	POLAND: Scientific instrument.....	10
2666(T)/24	2014, 2018, 2040, 2288.....	POLAND: Works.....	10
2667(T)/24	2040, 2688.....	POLAND: Buoy.....	10
2673(T)/24	2014, 2015, 2018, 2040, 2288, 2679, 2688.....	POLAND: Measuring instruments.....	10
2674(T)/24	2014, 2018, 2040, 2816.....	POLAND: Works; Wind farm.....	10
2675(P)/24	902.....	DENMARK, Islands: Submarine cable.....	10
2827(T)/24	905.....	DENMARK, East Coast: Buoy.....	10
2864(T)/24	2075, 2241, 3826...	FINLAND, Saaristomeri: Buoy; Restricted area.....	10,11
2865(T)/24	2241, 2248, 3818...	FINLAND, South Coast: Buoy; Restricted area.....	10,11
2868(T)/24	3826.....	FINLAND, Saaristomeri: Buoy; Restricted area.....	11
3140(P)/24	2218, 3818.....	FINLAND, South Coast: Works; Bridge; Buoyage; Fairway.....	11
3337(T)/24	810.....	SWEDEN, East Coast: Works; Lights; Beacons.....	10
3376(T)/24	2014, 2018, 2040, 2816.....	POLAND: Measuring instruments.....	10
3391(T)/24	2014, 2018, 2040, 2816.....	POLAND: Explosives dumping ground.....	10
3420(T)/24	800, 802.....	SWEDEN, East Coast: Obstruction; Buoyage.....	10
3460(T)/24	944.....	DENMARK, Islands: Works; Bridge.....	10
3489(T)/24	2637.....	POLAND: Buoyage.....	10
3553(T)/24	1009, 1010.....	SWEDEN, East Coast: Works; Dredging area; Fairway.....	11
3563(T)/24	900, 2106, 2591, 2592.....	DENMARK, East Coast: Works; Bridge; Vertical clearance.....	10
3678(T)/24	876, 877.....	SWEDEN, West Coast: Buoy.....	10
3735(T)/24	1010.....	SWEDEN, East Coast: Buoy.....	11

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

2831(P)/21	1408, 1633.....	NETHERLANDS: Wrecks.....	7,9
5251(P)/21	292, 1405, 1427, 2182C.....	NORTH SEA, Norwegian Sector: Works; Submarine pipeline; Submarine cable.....	6,13
3325(P)/22	125, 1408, 1631.....	NETHERLANDS: Wind farm; Works.....	7,9
3756(P)/22	272, 1405.....	NORTH SEA, United Kingdom Sector: Works; Offshore installation.....	7,13
4517(T)/22	124.....	NETHERLANDS: Restricted area; Buoyage.....	9
4759(P)/22	292, 1427, 2182C..	NORTH SEA, Norwegian Sector: Submarine cable; Precautionary area.....	6,13
5062(T)/22	1631, 1632, 1633, 2182A, 2182B, DE 50, DE 87.....	NETHERLANDS: Traffic separation scheme.....	7,9
419(P)/23	2182A, 2182B, 5614_25.....	NETHERLANDS: Submarine power cable.....	2,7
1520(P)/23	121, 129, 5614_25.	NORTH SEA, United Kingdom Sector: Works; Wind farm; Buoyage; Restricted area; Submarine cable.....	2,7
2487(T)/23	207.....	NETHERLANDS: Restricted area.....	9
2740(P)/23	1874.....	BELGIUM: Bridge; Piles; Beacon; Buoyage.....	9

IA

5. NORTH SEA AND NORTH AND WEST COASTS OF DENMARK, GERMANY, NETHERLANDS AND BELGIUM (continued)

2952(T)/23	122, 130.....	NETHERLANDS: Buoy.....	9
3183(T)/23	1872, 1873, 1874, 2449, 5605_11.....	BELGIUM: Buoy.....	2,9
3260(T)/23	124.....	NETHERLANDS: Restricted area.....	9
3315(T)/23	128.....	BELGIUM: Buoy.....	9
3417(T)/23	420, 3766.....	DENMARK, North Sea Coast: Buoy.....	9
4034(T)/23	128.....	BELGIUM: Buoyage.....	9
4097(T)/23	128.....	BELGIUM: Restricted area.....	9
4294(T)/23	292, 1427.....	NORTH SEA, Norwegian Sector: Buoy.....	6,13
4461(P)/23	1183, 1185, 1406, 1408, 1504, 1606, 1607, 1609, 1610, 1630, 1631, 1632, 1633, 1975, 2052, 2182A, 2182B, 2692, 3683, 4140, 5606_10, 5606_2, 5606_5, 5606_6, 5606_7, 5606_8, 5606_9, 5607_1, 5607_2, 5614_25, DE 2, DE 7, DE 20, DE 87, DE 103.....	NORTH SEA: Submarine power cable.....	2,7,8,9
4534(T)/23	114.....	BELGIUM: Restricted area.....	9
4974(T)/23	128.....	BELGIUM: Restricted area; Buoyage.....	9
4980(T)/23	128.....	BELGIUM: Piles.....	9
453(P)/24	272, 1405, 2182B, 5615_23.....	NORTH SEA, United Kingdom Sector: Submarine pipeline.....	2,7,13
695(T)/24	207.....	NETHERLANDS: Restricted area.....	9
1171(T)/24	295, 1427, 2182D..	NORTH SEA, Norwegian Sector: Scientific instruments.....	6,13
1459(T)/24	1872, 1873, 1874, 2449, 5605_11.....	BELGIUM: Buoyage; Scientific instruments.....	2,9
1571(T)/24	114.....	NETHERLANDS: Buoy.....	9
1585(T)/24	420.....	DENMARK, North Sea Coast: Works.....	9
1662(T)/24	292, 1427, 2182C..	NORTH SEA, Norwegian Sector: Works; Precautionary area.....	6,13
1665(T)/24	124.....	NETHERLANDS: Restricted area; Buoyage.....	9
1743(T)/24	128.....	BELGIUM: Buoyage; Measuring instruments.....	9
1928(T)/24	1408, 1631, 2182A, 5614_25....	NORTH SEA, Netherlands Sector: Obstruction.....	2,7,9
2115(T)/24	1408, 1631, 1632, 1633.....	NORTH SEA, Netherlands Sector: Buoyage.....	7,9
2121(T)/24	1408, 1632, 1633...	NORTH SEA, Netherlands Sector: Virtual aid to navigation.....	7,9
2164(T)/24	124, 125, 1408, 1631, 2182A, 5614_25.....	NORTH SEA, Netherlands Sector: Submarine cable; Works; Anchorage area	2,7,9
2165(P)/24	420.....	DENMARK, North Sea Coast: Works.....	9
2173(T)/24	1408, 1632, 2182A, 5614_25....	NORTH SEA, Netherlands Sector: Virtual aid to navigation.....	2,7,9
2430(P)/24	1427, 2182C, 2182D, 4140.....	NORTH SEA, Norwegian Sector: Submarine pipeline.....	6,7,13
2470(T)/24	1408, 1631.....	NORTH SEA, Netherlands Sector: Buoy.....	7,9
2544(P)/24	272, 273, 274, 1405, 2182B.....	NORTH SEA, United Kingdom Sector: Submarine pipeline; Works.....	7,13
2566(T)/24	295, 1427, 1428, 2182D.....	NORTH SEA, United Kingdom Sector: Development area.....	6,13
2582(T)/24	292, 294, 1427, 2182C.....	NORTH SEA, Norwegian Sector: Buoyage.....	6,13
2583(T)/24	295, 1427, 1428....	NORTH SEA, Norwegian Sector: Scientific instruments.....	6,13

IA

5. NORTH SEA AND NORTH AND WEST COASTS OF DENMARK, GERMANY, NETHERLANDS AND BELGIUM (continued)

2740(T)/24	207.....	NETHERLANDS: Buoyage.....	9
2842(T)/24	292, 1427, 2182C..	NORTH SEA, Norwegian Sector: Offshore installation; Precautionary areas..	6,13
2880(T)/24	120.....	NETHERLANDS: Fairway; Buoyage.....	9
2973(P)/24	267, 272, 1405, 1422, 2182B, 4140, 5615_23.....	NORTH SEA, Norwegian Sector: Works; Offshore installation; Precautionary area.....	2,7,9,13
3012(T)/24	125, 1408, 1631.....	NETHERLANDS: Buoy.....	7,9
3013(T)/24	1546, 1631.....	NETHERLANDS: Buoy.....	9
3028(T)/24	272, 1405.....	NORTH SEA, Norwegian Sector: Buoyage.....	7,13
3130(T)/24	124.....	NETHERLANDS: Works; Restricted area; Buoyage.....	9
3167(T)/24	110, 116, 122, 130, 266, 1632, 1633, 1874, DE 50, DE 90.....	NORTH SEA, Netherlands Sector: Measuring instruments; Buoyage.....	7,9
3336(T)/24	116.....	NETHERLANDS: Buoyage.....	9
3454(T)/24	120.....	NETHERLANDS: Buoy.....	9
3676(T)/24	122, 130.....	NETHERLANDS: Platform.....	9
3746(T)/24	114.....	NETHERLANDS: Restricted area.....	9

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

1512(T)/18	3220.....	PORTUGAL, West Coast: Buoyage.....	18
5180(P)/18	3258.....	PORTUGAL, West Coast: Buoyage; Light-beacons.....	18
2884(T)/20	3224.....	PORTUGAL, West Coast: Scientific instrument.....	18
4149(P)/20	2819, 2820.....	FRANCE, West Coast: Depths; Drying height; Rock.....	17
5580(P)/20	3636.....	PORTUGAL, West Coast: Breakwater; Works; Buoyage; Light.....	18
3602(T)/21	3258.....	PORTUGAL, West Coast: Buoy.....	18
1320(T)/22	3635.....	PORTUGAL, West Coast: Buoyage.....	18
1411(T)/22	20, 1104, 2350, 2356, 2522, 2643, 2655, 2675.....	FRANCE, West Coast: Measuring instruments; Buoyage; Automatic Identification Systems; Scientific instruments; Tide gauge.....	1,16,17
1449(T)/22	89, 3636.....	PORTUGAL, South Coast: Buoyage.....	18
3037(P)/22	2613, 2656, 2675...	FRANCE, North Coast: Submarine cables; Wind farm; Restricted area.....	1,16
3405(T)/22	3635.....	PORTUGAL, West Coast: Buoy.....	18
3595(T)/22	1173, 1174.....	SPAIN, North Coast: Pier; Works.....	17
4280(T)/22	3635.....	PORTUGAL, West Coast: Buoy.....	18
4293(T)/22	2146, 2148, 2450, 2451, 2613, 2656, 2675.....	FRANCE, North Coast: Restricted area.....	1,16
4815(T)/22	3222.....	PORTUGAL, West Coast: Beacon.....	18
4864(T)/22	3258.....	PORTUGAL, West Coast: Buoyage.....	18
2159(P)/23	2522.....	FRANCE, West Coast: Lights.....	17
3268(T)/23	20, 2521, 2522, 2822.....	FRANCE, West Coast: Wind farm; Restricted area; Works; Obstructions.....	16,17
3687(T)/23	2146, 2879, 2990...	FRANCE, North Coast: Measuring instruments; Buoy.....	16
3726(T)/23	2026.....	FRANCE, North Coast: Measuring instruments.....	16
3831(T)/23	2613, 2656, 2675...	FRANCE, North Coast: Wreck; Restricted area.....	1,16
3920(P)/23	3221, 3222.....	PORTUGAL, West Coast: Depths.....	18
3988(T)/23	3257.....	PORTUGAL, West Coast: Buoy.....	18
4013(T)/23	3220, 3221.....	PORTUGAL, West Coast: Depths; Dredged areas.....	18
4168(T)/23	3228.....	PORTUGAL, West Coast: Works; Bridge; Buoyage.....	18
4390(P)/23	2980.....	SPAIN, South West Coast: Leading line; Light.....	18
4391(P)/23	2978.....	SPAIN, South West Coast: Lights; Automatic Identification System.....	18
4446(T)/23	3259, 3260.....	PORTUGAL, West Coast: Wreck; Buoyage.....	18
4447(T)/23	3227.....	PORTUGAL, West Coast: Buoy.....	18
1522(T)/24	93.....	PORTUGAL, South Coast: Buoy.....	18
1530(T)/24	3227.....	PORTUGAL, West Coast: Buoy.....	18
1588(T)/24	3258.....	PORTUGAL, West Coast: Buoy.....	18

IA

6. FRANCE AND SPAIN, NORTH AND WEST COASTS, AND PORTUGAL (continued)

1589(T)/24	3221, 3222.....	PORTUGAL, West Coast: Buoy; Virtual aid to navigation.....	18
1612(T)/24	3224.....	PORTUGAL, West Coast: Buoy; Scientific instrument.....	18
1673(T)/24	2148.....	FRANCE, North Coast: Restricted areas; Fish traps; Works; Buoy.....	16
1734(T)/24	3259.....	PORTUGAL, West Coast: Buoy; Automatic Identification System; Virtual aid to navigation.....	18
1735(T)/24	3259.....	PORTUGAL, West Coast: Buoy.....	18
1736(T)/24	3259, 3260.....	PORTUGAL, West Coast: Buoy.....	18
1938(P)/24	3220, 3221.....	PORTUGAL, West Coast: Depths; Restricted areas.....	18
2591(T)/24	3227.....	PORTUGAL, West Coast: Buoy.....	18
2593(T)/24	3227.....	PORTUGAL, West Coast: Buoy.....	18
2594(T)/24	3228.....	PORTUGAL, West Coast: Light.....	18
2608(T)/24	86.....	SPAIN, South West Coast: Buoy.....	18
2998(T)/24	73, 91, 93.....	SPAIN, South West Coast: Wreck; Buoy.....	18
3635(P)/24	3427.....	FRANCE, West Coast: Light.....	16
3655(T)/24	20, 2522.....	FRANCE, West Coast: Works; Wind farm; Restricted area.....	16,17
3666(T)/24	3259.....	PORTUGAL, West Coast: Depth.....	18
3673(T)/24	3635.....	PORTUGAL, West Coast: Buoy.....	18
3698(P)/24	3224.....	PORTUGAL, West Coast: Alongside depths; Coastline; Drying height; Obstruction; Works.....	18
3704(T)/24	83.....	PORTUGAL, South Coast: Buoyage.....	18
3708(T)/24	93.....	PORTUGAL, South Coast: Buoyage.....	18

7. NORTH ATLANTIC OCEAN

5962(T)/19	4012, 4013, 4216, 4407.....	NORTH ATLANTIC OCEAN: Buoy.....	19,82,87
3448(T)/20	1957.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Anchorage area.....	19
4148(P)/20	332, 334, 867, 868, 1073, 1315.....	NORTH ATLANTIC OCEAN, Bermuda: Depths; Drying heights.....	82
430(T)/22	4012, 4013, 4400, 4402.....	NORTH ATLANTIC OCEAN: Buoy.....	19,82,86
474(P)/22	20, 1104, 1227, 2427, 2483, 2492, 2664, 2666, 2670, 4746.....	NORTH ATLANTIC OCEAN: Submarine cable.....	16,17,78,80,81
1329(T)/22	1950, 1956.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Fish havens; Buoyage.....	19
1444(T)/22	1895.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Works; Restricted areas; Piles; Buoyage.....	19
2587(T)/22	1959.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Works; Buoy.....	19
3783(T)/22	1895.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Buoy; Dredging area.....	19
4108(T)/23	1895.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Buoy.....	19
1387(P)/24	2, 219, 245, 272, 274, 292, 1119, 1128, 1129, 1234, 1239, 1405, 1422, 1427, 1942, 2182B, 2182C, 2635, 2666, 2670, 2755, 2860, 2861, 4101, 4102, 4103, 4114, 4140, 4403, 4404, 4407.....	NORTH ATLANTIC OCEAN: Submarine cable; Works.....	5,6,7,9,13,15,18,19,78,81,82
1448(T)/24	1895.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Buoy.....	19
1536(T)/24	1959.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Buoy.....	19

IA

7. NORTH ATLANTIC OCEAN (continued)

3000(P)/24	2, 87, 305, 306, 307, 311, 312, 595, 1000, 1123, 1156, 1178, 1381, 1383, 1384, 1385, 1386, 1392, 1663, 1861, 1862, 2649, 3100, 3101, 3118, 3133, 3134, 3135, 3220, 3286, 3325, 3327, 3328, 3432, 3635, 3859, 4103, 4138, 4146, 4151, 4175, 4176, 4177, 4178, 5603_1, 5603_15, 5608_2, 5622_1.....	NORTH ATLANTIC OCEAN: Works.....	1,2,6,18, 20,34,35
3670(T)/24	1959.....	NORTH ATLANTIC OCEAN, Arquipélago dos Açores: Buoy.....	19

8. MEDITERRANEAN AND BLACK SEAS

938(T)/12	2214, 2233.....	RUSSIA, Black Sea Coast: Scientific instruments.....	31
2188(T)/13	965.....	ITALY, Sicilia: Piers.....	24
4017(T)/16	1211.....	ITALY, Sardegna: Wreck; Restricted area.....	25
4211(T)/16	3318.....	RUSSIA, Black Sea Coast: Works; Buoyage.....	31
5194(T)/16	2216.....	RUSSIA, Black Sea Coast: Buoy.....	31
5398(T)/16	2233.....	RUSSIA, Black Sea Coast: Measuring instruments.....	31
3738(P)/17	3402.....	LIBYA: Anchorage areas; Submarine pipelines; Buoyage; Restricted area.....	24
5712(T)/17	1996.....	CROATIA: Buoyage.....	27
3440(T)/18	2242.....	RUSSIA, Black Sea Coast: Buoy.....	31
4669(T)/18	2242.....	RUSSIA, Black Sea Coast: Buoy.....	31
4852(T)/18	1580.....	CROATIA: Buoy.....	27
5625(T)/18	140.....	ITALY, East Coast: Restricted area.....	27
1659(T)/19	3318.....	RUSSIA, Black Sea Coast: Buoy.....	31
2203(P)/19	3313, 3317.....	GEORGIA: Depths.....	31
3604(P)/19	1683.....	GREECE, Aegean Sea Coast: Dredging area; Works.....	28
4697(T)/19	1417.....	ITALY, South Coast: Measuring instruments.....	27
5467(T)/19	1710.....	ALGERIA: Buoy.....	24
6397(P)/19	2214, 2216, 2217, 2232, 2233, 2234, 2242.....	UKRAINE: General information.....	31
6406(T)/19	2284.....	ROMANIA: Buoyage.....	31
611(T)/20	1996, 2719.....	CROATIA: Buoy.....	27
679(T)/20	36.....	MALTA: Wreck; Buoy.....	24
1352(T)/20	964.....	ITALY, Sicilia: Obstruction.....	24
1526(T)/20	966, 973.....	ITALY, Sicilia: Works.....	24
1635(T)/20	2203.....	UKRAINE: Buoyage.....	31
2248(T)/20	954.....	ITALY, West Coast: Port development; Works; Buoyage.....	26
3265(T)/20	200, 1443.....	ITALY, East Coast: Moored storage tanker; Restricted area.....	27
4110(T)/20	1417.....	ITALY, South Coast: Works.....	27
5235(T)/20	2242.....	RUSSIA, Black Sea Coast: Works.....	31
5237(T)/20	3318.....	RUSSIA, Black Sea Coast: Works; Light-beacons.....	31
5448(P)/20	1636.....	GREECE, Aegean Sea Coast: Depths; Obstructions; Buoyage.....	29
384(T)/21	3313.....	GEORGIA: Marine farm.....	31
1059(T)/21	200.....	ITALY, East Coast: Buoy.....	27
1126(T)/21	3403.....	TUNISIA: Wreck.....	24
1856(T)/21	2203.....	UKRAINE: Buoy.....	31
2417(P)/21	2681.....	EGYPT, North Coast: Works; Reclamation area.....	24
2670(T)/21	2282, 2284.....	ROMANIA: Dredged area; Spoil grounds.....	31

IA

8. MEDITERRANEAN AND BLACK SEAS (continued)

3886(P)/21	2578.....	EGYPT, North Coast: Breakwater; Works; Dredging area; Reclamation area.	24
3931(T)/21	3317.....	GEORGIA: Buoyage; Scientific instrument; Restricted area.....	31
4128(T)/21	2217, 2232.....	UKRAINE: Buoy.....	31
4219(T)/21	2773.....	CROATIA: Foul; Buoy.....	27
4263(T)/21	2216, 2242.....	RUSSIA, Black Sea Coast: Buoyage.....	31
4414(T)/21	2216, 2233, 3311...	RUSSIA, Black Sea Coast: Buoy; Scientific instruments.....	31
4529(T)/21	963, 1976.....	ITALY, Sicilia: Works; Breakwater; Buoyage.....	26
4677(T)/21	2216, 2233, 3311...	RUSSIA, Black Sea Coast: Buoy.....	31
5172(T)/21	1159, 1198.....	TURKEY, İstanbul Boğazi: Buoy.....	29
5361(T)/21	2712.....	CROATIA: Buoy.....	27
42(P)/22	775, 849, 2074.....	CYPRUS: Submarine cable.....	30
520(P)/22	518.....	SPAIN, Mediterranean Sea Coast: Depths; Dredged areas.....	25
1118(T)/22	3312.....	RUSSIA, Black Sea Coast: Buoyage.....	31
1260(T)/22	1202, 1204, 1207...	ITALY, Sardegna: Buoyage.....	25
1274(T)/22	855.....	ALGERIA: Buoy.....	24
1911(P)/22	151, 153, 355, 775, 849, 917, 1018, 1091, 1092, 1093, 1425, 1591, 1705, 1941, 1976, 2074, 2116, 2124, 2634, 3401, 3403, 3681.....	MEDITERRANEAN SEA: Submarine cable.....	24,25,26, 27,28,30
2002(T)/22	1710.....	ALGERIA: Buoy.....	24
4792(T)/22	269, 2712.....	CROATIA: Buoy.....	27
5085(T)/22	204, 1461.....	SLOVENIA: Anchor berths.....	27
223(T)/23	3313, 3317.....	GEORGIA: Scientific instruments; Buoyage.....	31
291(P)/23	1591, 2634.....	ISRAEL, Mediterranean Sea Coast: Works.....	30
452(T)/23	2282, 2284.....	ROMANIA: Data collection buoys.....	31
686(T)/23	2634.....	EGYPT, North Coast: Platform; Restricted area.....	30
906(T)/23	3317.....	GEORGIA: Scientific instruments.....	31
1741(T)/23	201, 1461.....	CROATIA: Restricted area.....	27
1803(T)/23	1574.....	CROATIA: Current meter; Buoy.....	27
2501(P)/23	2200, 2201, 2202, 2203, 2205, 2212, 2213, 2214, 2216, 2217, 2232, 2233, 2234, 2238, 2242, 2243, 2282, 3302, 3303.....	UKRAINE: General information.....	31
2502(T)/23	2200, 2201, 2203, 2205, 2212.....	UKRAINE: Channel.....	31
2503(P)/23	2200, 2202, 2205, 2212, 2213, 2214, 2232, 2243.....	UKRAINE: General information.....	31
2506(T)/23	2200, 2205, 2212...	UKRAINE: Spoil ground; Virtual aid to navigation.....	31
2841(P)/23	1563, 2633, 2634...	LEBANON: Traffic separation scheme; Anchorage areas; Precautionary area; Pilot boarding place.....	30
3527(P)/23	965, 2123.....	ITALY, Sicilia: Submarine pipeline; Restricted area.....	24
3569(T)/23	1460.....	SPAIN, Mediterranean Sea Coast: Works; Buoyage.....	25
3635(T)/23	3401.....	LIBYA: Depths; Obstructions; Coastline; Maximum authorised draught; General information.....	24
3688(P)/23	1563.....	LEBANON: Fish haven.....	30
3698(P)/23	3318.....	RUSSIA, Black Sea Coast: Jetty.....	31
4029(T)/23	2213, 2214, 2232...	UKRAINE: Danger area.....	31
4157(T)/23	2230, 2232, 2282...	ROMANIA: Restricted area.....	31
4288(T)/23	2243.....	UKRAINE: Buoy.....	31
4535(T)/23	1162.....	TUNISIA: Works.....	24

IA

8. MEDITERRANEAN AND BLACK SEAS (continued)

4652(T)/23	2773.....	CROATIA: Buoy.....	27
4982(T)/23	155, 1705, 2116.....	FRANCE, South Coast: Submarine power cable; Restricted area.....	25
915(P)/24	355.....	ITALY, West Coast: Submarine cable.....	26
1293(P)/24	1005.....	TURKEY, Marmara Denizi: Depths; Light; Pier; Submarine cable; Submarine pipelines.....	29
1488(T)/24	3317.....	GEORGIA: Buoy.....	31
1496(T)/24	2217.....	UKRAINE: Buoy.....	31
1550(T)/24	166, 167, 963, 1439, 1440, 1976, 1983, 1990, 2122...	MEDITERRANEAN SEA: General information; Restricted area.....	24,25,26, 27
1582(T)/24	355, 356, 1913.....	ITALY, West Coast: Buoy; Restricted area.....	26
1587(T)/24	2205, 2212, 2232, 2243.....	UKRAINE: Buoyage.....	31
1622(T)/24	2242.....	RUSSIA, Black Sea Coast: Buoy.....	31
1640(T)/24	1417.....	ITALY, South Coast: Measuring instruments; Works.....	27
1756(T)/24	1983, 1990, 2121, 2122.....	MEDITERRANEAN SEA: Works; Submarine cable.....	24,25
1758(T)/24	855.....	ALGERIA: Buoy.....	24
1923(T)/24	9.....	TUNISIA: Buoy.....	24
1925(P)/24	1054.....	TURKEY, South Coast: Depth.....	29
2104(T)/24	1908, 1911.....	ITALY, West Coast: Submarine cable; Works.....	26
2141(T)/24	193, 2123, 2124.....	ITALY, Sicilia: Submarine cable; Works.....	24
2318(T)/24	2203.....	UKRAINE: Buoyage.....	31
2319(T)/24	2203.....	UKRAINE: Buoy.....	31
2320(T)/24	2200.....	UKRAINE: Buoy.....	31
2383(T)/24	1275, 2237, 2238...	TURKEY, Black Sea Coast: Buoyage; Automatic Identification Systems.....	31
2405(T)/24	1705.....	FRANCE, South Coast: Restricted area.....	25
2471(T)/24	167, 176, 2122.....	TUNISIA: Works; Submarine cables.....	24
2635(T)/24	354, 355, 356, 1913.....	ITALY, West Coast: Works; Breakwater.....	26
2646(P)/24	1596.....	GREECE, Aegean Sea Coast: Obstructions; Wrecks; Alongside depths; Quay; Works.....	28
3188(T)/24	1212, 1213.....	ITALY, Sardegna: Buoy.....	25
3349(T)/24	153.....	FRANCE, South Coast: Buoy.....	25
3517(T)/24	355, 356, 1913.....	ITALY, West Coast: Restricted area; Buoyage.....	26
3518(T)/24	355.....	ITALY, West Coast: Works; Pier.....	26

9. AFRICA, WEST COAST AND SOUTH ATLANTIC

4735(P)/14	607.....	SENEGAL: Depths.....	20
1277(T)/18	601, 1147.....	GUINEA: Barge.....	20
5016(T)/18	306, 307.....	ANGOLA: Buoy.....	34
231(T)/19	1322.....	GABON: Buoyage.....	34
1389(T)/20	4137, 4138.....	NAMIBIA: Radar beacon.....	34
2045(T)/20	1000, 1001.....	SENEGAL: Depths.....	20
2294(T)/20	1383.....	GHANA: Fog signal; Superbuoy.....	34
2885(T)/20	1000, 1001.....	SENEGAL: Works.....	20
877(P)/21	3103.....	IVORY COAST: Works; Bridge.....	34
1310(T)/21	1387, 3118.....	CAMEROON: Buoy.....	34
1324(P)/21	3108.....	IVORY COAST: Works; Breakwaters.....	34
124(P)/22	3103.....	IVORY COAST: Dredged area.....	34
1856(P)/22	1662, 1663.....	MAURITANIA: Works.....	20
2416(T)/22	1322.....	GABON: Obstruction.....	34
3743(T)/22	3325.....	GABON: Buoyage.....	34
4291(T)/22	1456.....	CAMEROON: Depths.....	34
4968(P)/22	1664, 3135, 4104, 4215.....	SENEGAL: Development area; Works.....	20
886(T)/23	3870, 4176.....	NAMIBIA: Buoyage; Wave recorders.....	34
910(T)/23	1595.....	SOUTH ATLANTIC OCEAN, São Tomé e Príncipe: Obstructions.....	34

IA

9. AFRICA, WEST COAST AND SOUTH ATLANTIC (continued)

1761(T)/23	306, 658, 659.....	ANGOLA: Light.....	34
2490(P)/23	412.....	GUINEA: Wreck.....	20
2725(T)/23	1663.....	SENEGAL: Buoy.....	20
3109(T)/23	856, 860, 861.....	MOROCCO, West Coast: Restricted area; Anchorage area.....	20
3269(T)/23	1663, 3135, 4104...	SENEGAL: Buoy.....	20
3673(T)/23	3325.....	GABON: Wreck.....	34
3783(P)/23	3290.....	CONGO: Depths.....	34
3829(P)/23	1000, 1001, 1662, 1663.....	SENEGAL: Works; Offshore installations; Channel; Buoyage; Restricted area; Submarine pipeline.....	20
3965(T)/23	412.....	GUINEA: Buoy; Radar beacon.....	20
4105(T)/23	303.....	ANGOLA: Platform.....	34
4112(T)/23	607, 1663, 1664....	SENEGAL: Wreck; Buoy.....	20
4237(T)/23	3103.....	IVORY COAST: Buoyage.....	34
236(P)/24	1321.....	EQUATORIAL GUINEA: Depths; Wreck.....	34
1599(P)/24	3290.....	CONGO: Works; Port development; Submarine pipeline.....	34
1617(T)/24	859, 860.....	MOROCCO, West Coast: Buoy; Automatic Identification System.....	20
1761(P)/24	1000, 1663.....	SENEGAL: Works.....	20
2291(T)/24	87, 91, 856, 862, 863, 2717, 3132, 3133.....	MOROCCO, West Coast: Works; Submarine power cable.....	18,20,24
2414(T)/24	1131, 1132, 1133...	MAURITANIA: Buoyage.....	20
2942(P)/24	3325.....	GABON: Depths.....	34
3142(T)/24	1392.....	BENIN: Buoyage.....	34
3461(P)/24	3325.....	GABON: Wrecks; Obstructions.....	34
3686(T)/24	1383.....	GHANA: Buoyage; Automatic Identification Systems.....	34
3701(T)/24	306, 307.....	ANGOLA: Buoy.....	34
3748(P)/24	863.....	MOROCCO, West Coast: Wreck.....	20

10. AFRICA, SOUTH AND EAST COASTS, AND MADAGASCAR

209(T)/18	4153, 4155.....	SOUTH AFRICA, South Coast: Buoy.....	35
576(T)/18	1236, 4142.....	SOUTH AFRICA, South Coast: Wreck.....	35
2060(T)/18	643, 4170.....	SOUTH AFRICA, East Coast: Buoy.....	35
4924(P)/18	663, 3310, 3361....	TANZANIA: Depths; Lights; Buoyage; Beacons; Leading line; Submarine pipelines; Jetty; Rocks.....	36
210(T)/19	643.....	SOUTH AFRICA, East Coast: Depths.....	35
403(T)/19	4142.....	SOUTH AFRICA, West Coast: Depth.....	35
2589(T)/19	1846.....	SOUTH AFRICA, West Coast: Depths; Dredged depths.....	35
2590(T)/19	4158.....	SOUTH AFRICA, South Coast: Depth.....	35
2591(T)/19	4162.....	SOUTH AFRICA, South Coast: Depths.....	35
2592(T)/19	4174.....	SOUTH AFRICA, East Coast: Depths.....	35
6161(P)/19	663.....	TANZANIA: Buoyage; Light-beacons; Works.....	36
6566(T)/19	1236, 4142.....	SOUTH AFRICA, West Coast: Rocks; Depths.....	35
3553(T)/20	1236, 1922, 4142, 4145, 4146, 4150, 4151, 4152, 4153, 4154, 4155.....	SOUTH AFRICA, West Coast: Obstructions; Buoyage.....	35
276(T)/21	4150.....	SOUTH AFRICA, South Coast: Buoy; Radar beacon.....	35
1841(T)/22	2078, 4177.....	SOUTH AFRICA, West Coast: Current meter.....	34
2866(T)/23	4177.....	SOUTH AFRICA, West Coast: Buoy; Obstruction.....	34
3520(P)/23	695, 696.....	MADAGASCAR, East Coast: Breakwater; Works; Dry docks; Dredging area.....	37
4911(P)/23	674, 693.....	TANZANIA: Harbour developments; Buoyage; Dredged areas; Channels; Swinging circle.....	36
120(T)/24	1922, 4150.....	SOUTH AFRICA, West Coast: Landmark.....	35
1299(P)/24	3530.....	SOMALIA: Platform; Buoyage; Dredged area; Anchorage area; Pilot boarding place; Submarine pipeline; Mooring buoys.....	32

IA

11. RED SEA, ARABIA, IRAQ AND IRAN

3234(T)/13	1229.....	IRAQ: Wreck.....	40
5236(T)/14	2523, 2883, 2886, 2887, 3950.....	QATAR: Buoyage.....	40
1182(T)/16	333, 2374.....	EGYPT, Red Sea Coast: Platform; Light.....	32
4281(P)/16	63.....	SAUDI ARABIA, Red Sea Coast: Harbour developments; Depths.....	32
4492(P)/16	11, 1268, 2882, 2884, 3774.....	IRAN: Platforms; Submarine cables; Submarine pipelines.....	40
5105(P)/16	16.....	SAUDI ARABIA, Red Sea Coast: Depths; Wrecks; Submarine pipeline; Rocks; Coral.....	32
2363(P)/17	6, 12, 15, 143, 157, 158, 159, 164, 452, 453, 1925, 2375, 2658, 2659, 2964.....	RED SEA: Routeing measures.....	32
2822(T)/17	2523, 3790.....	QATAR: Buoy.....	40
3559(P)/17	2837, 2889, 3178, 3179.....	UNITED ARAB EMIRATES: Submarine pipeline; Obstruction.....	40
4031(P)/17	1265, 3842, 3843, 3844, 3845, 3846...	IRAQ: Channel; Depths; Wrecks.....	40
5287(T)/17	1235, 1265.....	ARABIA: Buoyage.....	40
5518(P)/17	1228.....	IRAQ: Jetty; Dolphins; Mooring buoys; Floating dock; Dredged area.....	40
1453(T)/18	1235, 1265, 3773...	ARABIA, Shaţţ al'Arab: Buoyage.....	40
4030(P)/18	3772, 3781.....	QATAR: Depths; Buoyage.....	40
994(P)/19	1229, 1235, 2847, 2884.....	IRAQ: Works; Buoyage; Channel.....	40
1646(P)/19	3737, 3759.....	BAHRAIN: Works.....	40
1937(T)/19	333, 2374.....	EGYPT, Red Sea Coast: Buoy.....	32
2208(T)/19	2523, 2837, 2847, 2886, 3772, 3950...	QATAR: Buoy.....	40
3126(P)/19	2837, 2889, 3178, 3179.....	UNITED ARAB EMIRATES: Works; Offshore installations.....	40
3154(P)/19	3176, 3412.....	UNITED ARAB EMIRATES: Restricted area.....	40
3202(P)/19	3812.....	SAUDI ARABIA, East Coast: Depths.....	40
6699(P)/19	3718.....	SAUDI ARABIA, East Coast: Works; Buoyage; Dredged area.....	40
3127(P)/20	15, 16.....	SAUDI ARABIA, Red Sea Coast: General information.....	32
4448(P)/20	12.....	SAUDI ARABIA, Red Sea Coast: Depths; Obstruction; Dredged areas; Coastline; Beacons.....	32
5242(T)/20	1214, 3773.....	KUWAIT: Light-beacon; Lights.....	40
6028(P)/20	3175.....	UNITED ARAB EMIRATES: Works; Restricted area; Outfall; Buoyage.....	40
121(T)/21	3777, 3812.....	SAUDI ARABIA, East Coast: Wreck; Buoyage.....	40
2031(T)/21	1223, 2882, 2884, 3773.....	KUWAIT: Lights.....	40
3623(P)/21	2577.....	SAUDI ARABIA, Red Sea Coast: Depths.....	32
4104(T)/21	2882, 2883, 3719, 3775, 3788.....	SAUDI ARABIA, East Coast: Obstruction.....	40
5210(T)/21	3734, 3736, 3737...	BAHRAIN: Works; Submarine pipeline.....	40
597(P)/22	3734, 3736, 3737...	BAHRAIN: Dredged area; Reclamation area; Works; Buoyage.....	40
716(T)/22	2837, 2847, 2883, 2886, 3788, 3790...	BAHRAIN: Buoy.....	40
1064(P)/22	3179, 3778, 3779, 3780.....	UNITED ARAB EMIRATES: Works; Restricted areas.....	40
1113(T)/22	2837, 2887, 2888, 2889, 3175, 3176, 3412.....	UNITED ARAB EMIRATES: Obstruction.....	40
1270(P)/22	2886.....	BAHRAIN: Submarine power cable.....	40
1452(P)/22	15.....	SAUDI ARABIA, Red Sea Coast: Buoy; Single Point Mooring; Deep water route; Precautionary area; Submarine pipeline.....	32
2426(T)/22	2882, 2884, 3773...	KUWAIT: Buoy.....	40

IA

11. RED SEA, ARABIA, IRAQ AND IRAN (continued)

3372(P)/22	3176, 3177.....	UNITED ARAB EMIRATES: Dredging area; Reclamation area; Works; Buoyage; Restricted area.....	40
4751(P)/22	2523, 2837, 2847, 2883, 2886, 2887, 3772, 3950.....	QATAR: Submarine pipeline; Works; Offshore installation.....	40
27(T)/23	2888, 3174, 3404...	UNITED ARAB EMIRATES: Buoyage.....	40
645(P)/23	2443, 2444, 2837, 2886, 2887, 2889, 3178, 3179.....	UNITED ARAB EMIRATES: Submarine pipeline; Mooring buoys; Anchorage area; Ground tackle; Works; Submarine cable.....	40
734(T)/23	1224, 2847, 2858, 2882, 2884, 3773, 3774.....	KUWAIT: Buoyage.....	40
1223(P)/23	3171, 3520.....	UNITED ARAB EMIRATES: Works; Dredging area.....	40
1233(T)/23	2578.....	EGYPT, Suez Canal: Works; Buoy.....	24
1372(T)/23	12, 158, 159.....	EGYPT, Red Sea Coast: Submarine cable; Restricted area.....	32
1413(T)/23	15, 157.....	SAUDI ARABIA, Red Sea Coast: Buoyage.....	32
1722(T)/23	327.....	SAUDI ARABIA, Red Sea Coast: Buoyage.....	32
1865(P)/23	3177.....	UNITED ARAB EMIRATES: Buoyage; Depths; Channel; Dredged area; Causeway.....	40
3342(T)/23	3736.....	BAHRAIN: Buoyage; Bridge; Works.....	40
3547(P)/23	263.....	DJIBOUTI: Works; Dredging area.....	32
3588(P)/23	264, 265.....	DJIBOUTI: Pier; Dry dock; Works.....	32
4159(T)/23	12.....	SAUDI ARABIA, Red Sea Coast: Buoy.....	32
4322(P)/23	3176, 3177, 3752...	UNITED ARAB EMIRATES: Works; Dredging areas; Reclamation areas; Buoyage; Breakwater.....	40
4342(P)/23	38, 58, 1268, 2441, 2442, 2443, 2444, 2523, 2851, 2882, 2883, 2884, 2886, 2887, 2888, 2889, 2895, 3171, 3172, 3174, 3175, 3176, 3520, 3723, 3735, 3737, 3738, 3761, 3774, 3775, 3786, 3788, 3790, 3842, 3950.....	ARABIAN SEA: Submarine cables; Works.....	32,40,41
4346(P)/23	2443, 2444, 2889, 3177, 3178.....	UNITED ARAB EMIRATES: Submarine cables; Buoyage.....	40
4356(P)/23	3713, 3715.....	UNITED ARAB EMIRATES: Dredging area; Reclamation area; Works.....	40
4449(T)/23	2444, 3179, 3413...	UNITED ARAB EMIRATES: Obstruction.....	40
4619(T)/23	2523, 3772, 3950...	QATAR: Works; Restricted areas.....	40
431(P)/24	2444, 2889, 3178, 3179.....	UNITED ARAB EMIRATES: Submarine cable.....	40
469(P)/24	2443, 2837, 2889, 3178, 3179, 3951...	UNITED ARAB EMIRATES: Submarine pipeline.....	40
511(T)/24	2444, 2837, 2886, 2887, 2889, 3179, 3413.....	UNITED ARAB EMIRATES: Superbuoy.....	40
555(T)/24	2523, 2883, 2886...	IRAN: Barge.....	40
619(T)/24	1223, 2882, 2884, 3773.....	KUWAIT: Wreck.....	40
895(P)/24	27.....	IRAN: Channel; Buoyage; Dredged depths; Dredged areas; Reclamation area; Swinging circle; Anchor berths; Lights; Coastline; Light-beacons.....	40
896(P)/24	27.....	IRAN: Depths; Dredged depths; Dredged area; Light; Wreck.....	40
905(T)/24	2883, 2886, 3788...	BAHRAIN: Buoy.....	40
1159(T)/24	3736.....	BAHRAIN: Submarine pipeline; Works.....	40
1357(T)/24	3709, 3723.....	UNITED ARAB EMIRATES: Buoy.....	40
1518(T)/24	3737, 3738, 3759...	BAHRAIN: Buoy.....	40

IA

11. RED SEA, ARABIA, IRAQ AND IRAN (continued)

1578(T)/24	6, 143, 157, 265, 452, 453, 1925, 2964, 4704.....	RED SEA: Wreck.....	32
1669(T)/24	2889, 3179.....	UNITED ARAB EMIRATES: Radar beacon.....	40
1820(T)/24	2444, 3178, 3179, 3413.....	UNITED ARAB EMIRATES: Buoy.....	40
2528(P)/24	2443, 2444, 2837, 2889.....	UNITED ARAB EMIRATES: Works; Dredging area; Reclamation area.....	40
2640(P)/24	1229, 1235, 1265, 2884, 3773, 3842...	KUWAIT: Former mined areas; Military practice areas.....	40
2672(P)/24	12, 158, 159, 327, 333, 801, 2374, 2375.....	SAUDI ARABIA, Red Sea Coast: Submarine cables.....	32
2688(T)/24	1224, 2882, 2884, 3773, 3774.....	ARABIAN SEA: Scientific instruments; Buoyage.....	40
2747(T)/24	3413.....	UNITED ARAB EMIRATES: Barge; Lights.....	40
2987(P)/24	2444, 2889, 3179, 3413, 3722, 3778, 3780, 3951.....	UNITED ARAB EMIRATES: Works; Submarine cable.....	40
3023(P)/24	11.....	IRAN: Harbour limits; Offshore installation; Submarine pipelines.....	40
3201(T)/24	143, 157.....	RED SEA: Wreck.....	32
3266(P)/24	2444, 2837, 2889, 3178, 3179, 3951...	UNITED ARAB EMIRATES: Works; Submarine pipeline.....	40
3475(P)/24	2443, 2444, 2837, 2886, 2887, 2889, 3178, 3179, 3413...	UNITED ARAB EMIRATES: Works; Submarine pipeline.....	40
3728(P)/24	3736.....	BAHRAIN: Depths.....	40

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

5395(T)/17	39, 707, 4705.....	PAKISTAN: Wreck.....	32,41
2839(P)/18	IN 3010, IN 3041.....	INDIA, East Coast: Anchorage areas; Submarine pipelines; Restricted area...	43
2951(T)/18	90.....	BANGLADESH: Obstruction.....	43
5548(P)/18	IN 206, IN 253.....	INDIA, West Coast: Works.....	41
5576(P)/18	920.....	INDIAN OCEAN, Chagos: Restricted areas; Anchorage areas; Depths.....	38
2078(P)/19	IN 3012.....	INDIA, East Coast: Works.....	43
2106(P)/19	IN 211, IN 255, IN 292, IN 293, IN 2016, IN 2076.....	INDIA, West Coast: Works; Buoyage.....	41
2869(P)/19	IN 203, IN 2013, IN 2031.....	INDIA, West Coast: Works.....	41
3861(T)/19	833.....	BURMA: Buoy.....	43
4267(T)/19	1885.....	BURMA: Buoy.....	43
4326(P)/19	1488, IN 207, IN 253, IN 254, IN 292.....	INDIA, West Coast: Works.....	41
5223(T)/19	90.....	BANGLADESH: Obstruction.....	43
5363(T)/19	830.....	BURMA: Works.....	45
5373(T)/19	3877, 3895, 4701, 4702.....	INDIAN OCEAN, Comores: Volcanic activity.....	36,38
2164(P)/20	725, 727.....	INDIAN OCEAN, Chagos: Rocks; Obstructions.....	38
3175(T)/20	823, 826, 833.....	BURMA: Wreck.....	43
3503(T)/20	39, 58.....	PAKISTAN: Quarantine anchorage.....	41
4378(P)/20	IN 33.....	INDIAN OCEAN, Nicobar Islands: Depths; Obstructions; Lights.....	42
6303(P)/20	823, 826, 830, 833	BURMA: Submarine cable; Works.....	43,45

IA

12. INDIAN OCEAN, PAKISTAN, INDIA, SRI LANKA, BANGLADESH AND BURMA (continued)

874(P)/21	12, 15, 159, 164, 263, 264, 333, 818, 830, 2375, 2441, 2442, 2760, 3784, 3943, 4705, 4706, IN 273, IN 293, IN 2036.....	INDIAN OCEAN: Submarine cables.....	32,40,41, 42,43,45, 46
1276(T)/21	39, 58.....	PAKISTAN: Wrecks.....	41
1431(P)/21	IN 3010.....	INDIA, East Coast: Depths; Quay; Anchorage areas.....	43
2269(P)/21	IN 31, IN 32.....	INDIA, East Coast: Buoy.....	42,43
2409(P)/21	38.....	PAKISTAN: Depths; Lights.....	41
2620(T)/21	813.....	SRI LANKA, West Coast: Wreck.....	42
2825(P)/21	IN 203, IN 2068, IN 2079, IN 2106.....	INDIA, West Coast: Berth; Works.....	41
3518(P)/21	IN 32, IN 223, IN 262.....	INDIA, East Coast: Works.....	41,42
4125(T)/21	IN 211, IN 255, IN 292, IN 293, IN 2016, IN 2076.....	INDIA, West Coast: Works.....	41
237(T)/22	90, IN 31.....	BANGLADESH: Wreck.....	43
1487(T)/22	90, IN 31.....	BANGLADESH: Depths.....	43
1755(T)/22	90, IN 31.....	BANGLADESH: Wreck; Buoyage.....	43
1866(P)/22	IN 3001, IN 3028.....	INDIA, East Coast: Jetty; Dredged area.....	43
2159(T)/22	90, 102, 1016.....	BANGLADESH: Wreck; Buoy.....	43
2248(T)/22	102, 1016.....	BANGLADESH: Wreck; Buoy.....	43
2266(T)/22	102.....	BANGLADESH: Wreck; Buoy.....	43
2280(T)/22	90, 102, 1016.....	BANGLADESH: Wreck.....	43
3056(T)/22	90, IN 31.....	BANGLADESH: Wreck.....	43
3462(P)/22	IN 254.....	INDIA, West Coast: Depths; Obstruction.....	41
3632(T)/22	IN 2039, IN 2082, IN 2110.....	INDIA, West Coast: Buoyage.....	41
4276(T)/22	102, 1016.....	BANGLADESH: Wreck.....	43
4716(P)/22	817, IN 31.....	BURMA: Wells; Submarine pipeline.....	43
5040(T)/22	IN 3001, IN 3004.....	INDIA, East Coast: Works; Jetty.....	43
393(T)/23	90, 817.....	BANGLADESH: Obstruction.....	43
1526(T)/23	90, IN 31.....	BANGLADESH: Works; Dredging area.....	43
1578(T)/23	90, 102, 1016.....	BANGLADESH: Wreck.....	43
2391(T)/23	90, 102, 1016.....	BANGLADESH: Wreck; Buoy.....	43
3006(P)/23	813, 3265.....	SRI LANKA, South Coast: Submarine cable.....	42
3066(P)/23	IN 2079, IN 2106.....	INDIA, West Coast: Works; Dredging area; Reclamation area; Buoyage.....	41
3078(T)/23	IN 211, IN 212, IN 255, IN 256, IN 2036.....	INDIA, West Coast: Fairway; Buoy.....	41
3080(P)/23	IN 2082, IN 2110.....	INDIA, West Coast: Pier; Works.....	41
3270(T)/23	90.....	BANGLADESH: Wreck.....	43
3437(T)/23	39, IN 202, IN 203, IN 251, IN 2068.....	INDIA, West Coast: Wreck.....	41
3827(T)/23	4708, 4723.....	INDIAN OCEAN: Buoy.....	63,64
3835(T)/23	90, 1016.....	BANGLADESH: Wreck.....	43

IA

12. INDIAN OCEAN, PAKISTAN, INDIA, SRI LANKA, BANGLADESH AND BURMA (continued)

4091(P)/23	5, 6, 12, 15, 38, 39, 40, 58, 100, 143, 157, 158, 159, 164, 171, 263, 264, 265, 452, 453, 542, 548, 616, 666, 707, 1925, 1926, 2659, 2837, 2851, 2858, 2949, 2964, 2968, 2969, 2970, 3252, 3255, 3520, 3661, 3665, 3723, 3739, 3763, 3784, 3785, 5501.....	INDIAN OCEAN: Works; Submarine power cables.....	32,36,40, 41
4179(P)/23	IN 203, IN 2033, IN 2083.....	INDIA, West Coast: Works; Maritime limit; Buoyage; Mooring buoys; Wreck; Depths.....	41
4224(T)/23	1495.....	INDIAN OCEAN, La Réunion: Moorings; Scientific instruments; Buoy.....	38
4523(T)/23	IN 3010, IN 3041.....	INDIA, East Coast: Buoyage.....	43
4589(T)/23	317, 830, 1398, 2069, 4706, 4707, IN 31, IN 32, IN 33, IN 313, IN 472, IN 473, IN 3001, IN 3004.....	INDIA, East Coast: Buoyage.....	42,43,45
4627(T)/23	IN 2022.....	INDIA, West Coast: Wreck.....	41
4644(T)/23	IN 2008.....	INDIA, West Coast: Buoy.....	41
4647(T)/23	IN 2008, IN 2120.....	INDIA, West Coast: Buoy.....	41
4665(T)/23	40, 58.....	PAKISTAN: Buoy.....	41
4706(T)/23	707, 709, 4702, 4703, 4705, 4706, 4707, IN 22, IN 273, IN 292.....	INDIA, West Coast: Data buoys.....	32,38,41, 42
4718(T)/23	IN 22, IN 32, IN 220, IN 259, IN 260, IN 2029.....	INDIA, West Coast: Buoy.....	41,42
4723(T)/23	IN 211, IN 212, IN 256, IN 292, IN 293, IN 2036.....	INDIA, West Coast: Wreck.....	41
4725(P)/23	IN 203, IN 2060, IN 2068.....	INDIA, West Coast: Pipe.....	41
4853(T)/23	317, 318, 319, 2069, IN 31, IN 32, IN 33, IN 308, IN 352, IN 353.....	INDIA, East Coast: Buoyage.....	42,43
4940(P)/23	IN 254.....	INDIA, West Coast: Depths.....	41
4968(T)/23	38, 707.....	PAKISTAN: Wreck.....	41
5052(P)/23	317, 318.....	INDIA, East Coast: Breakwater.....	43
39(T)/24	IN 22, IN 211, IN 255, IN 292, IN 293, IN 2016.....	INDIA, West Coast: Wreck.....	41,42
637(P)/24	143, 157, 171, 452, 453, 671, 1925, 1926, 2968...	INDIAN OCEAN: Works; Submarine cables.....	32,36
1013(P)/24	1016.....	BANGLADESH: Depths; Jetties; Port development; Restricted area.....	43
1429(P)/24	69, IN 262.....	INDIA, East Coast: Depths; Recommended anchorage; Buoyage.....	42
1453(T)/24	90.....	BANGLADESH: Wreck.....	43
1519(T)/24	1495.....	INDIAN OCEAN, La Réunion: Buoyage.....	38
1618(T)/24	1495, 1497.....	INDIAN OCEAN, La Réunion: Mooring; Buoy.....	38
1619(T)/24	1495.....	INDIAN OCEAN, La Réunion: Buoy.....	38

IA

12. INDIAN OCEAN, PAKISTAN, INDIA, SRI LANKA, BANGLADESH AND BURMA (continued)

1623(P)/24	2756.....	INDIAN OCEAN, Comores: Light.....	36
1766(T)/24	1495, 1497.....	INDIAN OCEAN, La Réunion: Measuring instruments; Buoyage.....	38
2025(P)/24	920.....	INDIAN OCEAN, Chagos: Leading line; Light.....	38
2133(P)/24	IN 2075.....	INDIA, West Coast: Works; Buoy.....	42
2184(T)/24	709, 4703, 4706, 4707.....	INDIA, East Coast: Moorings.....	42
2472(T)/24	39, 707, 709, IN 22, IN 32, IN 214, IN 221, IN 251, IN 253, IN 257, IN 258, IN 260, IN 261, IN 263, IN 272, IN 292, IN 293.....	INDIA, West Coast: Obstructions; Scientific instruments.....	41,42
2474(T)/24	90, IN 31.....	BANGLADESH: Wreck.....	43
2511(T)/24	317, 707, 1470, 2069, IN 22, IN 31, IN 32, IN 33, IN 205, IN 206, IN 211, IN 212, IN 213, IN 215, IN 216, IN 219, IN 221, IN 223, IN 253, IN 255, IN 256, IN 257, IN 258, IN 259, IN 262, IN 272, IN 292, IN 293, IN 308, IN 351, IN 352, IN 353, IN 2008, IN 2120, IN 3002, IN 3034, IN 3035.....	INDIAN OCEAN: Buoyage.....	41,42,43
3243(T)/24	717, 830, 3052, 4701, 4702, 4703, 4706, 4707, 4714, IN 31.....	INDIAN OCEAN: Data buoys.....	36,38,42, 43,45,46
3526(P)/24	721, 740, 742.....	INDIAN OCEAN, Seychelles: Depths.....	36

13. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA

2152(T)/17	3831, 3833, 4041...	SINGAPORE STRAIT: Buoy.....	45
1401(P)/18	1312, 2422, 2435, 2436, 2470, 2868, 2870, 3947.....	INDONESIA, Sumatra: Submarine cables.....	45,46,47, 48
4673(P)/18	2873, 3947.....	INDONESIA, Sumatra: Submarine cable.....	45,46
637(T)/19	3471.....	INDONESIA, Sumatra: Buoy.....	46
4676(T)/19	2152, 2155.....	MALAYSIA, Peninsular Malaysia, West Coast: Buoyage.....	45
6060(P)/19	1146, 3946, 3947...	MALAYSIA, Peninsular Malaysia, West Coast: Depths.....	45
2024(P)/20	3940, 3946, 3947...	MALACCA STRAIT: Submarine cable.....	45
2031(P)/20	3833.....	SINGAPORE STRAIT: Anchorage areas.....	45
2218(P)/20	3833.....	SINGAPORE: Works.....	45
2221(P)/20	3833.....	SINGAPORE: Submarine cables.....	45
2529(T)/20	3948.....	INDONESIA, Sumatra: Wreck.....	46
2741(T)/20	2403, 3833, 3902, 3948.....	INDONESIA, Sumatra: Wreck.....	45,46
4198(T)/20	3902, 3947.....	MALAYSIA, Peninsular Malaysia, West Coast: Works.....	45
165(T)/21	3831, 3833, 3937, 4041.....	INDONESIA, Sumatra: Wreck.....	45

IA

13. MALACCA STRAIT, SINGAPORE STRAIT AND SUMATERA (continued)

3009(P)/21	1312, 2403, 2414, 2422, 2436, 2470, 2869, 3482, 3831...	SINGAPORE STRAIT: Works; Submarine cable.....	45,46,47
4687(P)/21	1312, 2403, 2869, 3831, 5527.....	INDONESIA, Sumatera: Light-beacon.....	45,46,47
4739(T)/21	4031, 4032.....	SINGAPORE: Buoy; Works.....	45
5090(T)/21	4038.....	SINGAPORE: Buoyage.....	45
142(T)/22	4031, 4032, 4039, 4040.....	SINGAPORE: Light-beacon; Buoy.....	45
1494(T)/22	3901, 3945.....	MALACCA STRAIT: Wreck; Hulk.....	45
5134(T)/22	2158.....	MALACCA STRAIT: Buoy.....	45
104(T)/23	3471.....	INDONESIA, Sumatera: Wreck.....	46
1665(T)/23	4030, 4031, 4038, 4039, 4040.....	SINGAPORE: Depth.....	45
1881(P)/23	4038, 4040.....	SINGAPORE: Buoy.....	45
2243(P)/23	2139, 3902, 3946...	MALACCA STRAIT: Submarine cable; Works.....	45
2678(T)/23	4035.....	SINGAPORE: Depths.....	45
2679(P)/23	3833, 4031, 4039, 4040.....	SINGAPORE: Foul.....	45
3728(P)/23	3833, 3947, 4030, 4038, 4039, 4040...	SINGAPORE: Submarine cable.....	45
3740(P)/23	4031, 4032, 4033, 4040.....	SINGAPORE: Obstruction.....	45
4006(P)/23	4038, 4040.....	SINGAPORE: Works; Dredging areas.....	45
4675(P)/23	3833, 4035, 4036, 4039, 4040, 4041, 5524.....	SINGAPORE: Buoy.....	45
1124(P)/24	4044.....	SINGAPORE: Alongside depths.....	45
1127(T)/24	4044.....	SINGAPORE: Fouls.....	45
1988(P)/24	830, 1140, 1141, 1146, 2139, 2158, 2403, 3833, 3900, 3901, 3902, 3920, 3921, 3940, 3944, 3945, 3946, 3947...	MALACCA STRAIT: Submarine cable.....	45
2229(P)/24	830, 2139, 2403, 3833, 3900, 3901, 3902, 3904, 3919, 3920, 3921, 3940, 3944, 3945, 3946, 3947.....	INDONESIA, Sumatera: Submarine cable.....	45
2643(T)/24	3584, 3921.....	INDONESIA, Sumatera: Buoy.....	45
3053(T)/24	3901, 3921.....	INDONESIA, Sumatera: Wreck.....	45
3215(T)/24	4030, 4031, 4038, 4040.....	SINGAPORE: Buoy.....	45
3239(P)/24	4030, 4036, 4038, 4039, 4040, 4041, 4042.....	SINGAPORE STRAIT: Submarine cable.....	45
3283(P)/24	2403, 3831, 3833, 3947, 3949.....	SINGAPORE: Submarine cables.....	45,46
3620(P)/24	4030, 4031.....	SINGAPORE: Depths.....	45
3752(P)/24	4037.....	SINGAPORE: Alongside depths; Berths.....	45
3755(T)/24	3831, 3833, 4041, 4043.....	SINGAPORE: Wreck.....	45

14. CHINA SEA WITH ITS WEST SHORE AND CHINA

5218(T)/14	67, 2414, 3965.....	THAILAND, Gulf of Thailand Coast: Platforms.....	47
877(P)/16	1254, 1256, 1289, 3480.....	CHINA, Yellow Sea Coast: Precautionary area.....	52

IA

14. CHINA SEA WITH ITS WEST SHORE AND CHINA (continued)

1407(T)/16	2103, 3879, 3967...	GULF OF THAILAND: Platform.....	47
3206(T)/16	3987.....	VIETNAM: Buoyage.....	47
4630(T)/16	2103.....	GULF OF THAILAND: Buoy.....	47
491(T)/17	1046, 3727, 3965, 3966.....	THAILAND, Gulf of Thailand Coast: Restricted areas.....	47
1180(T)/18	3874.....	VIETNAM: Obstruction.....	47
3056(T)/18	3875.....	VIETNAM: Wreck.....	47
5260(T)/18	2422, 3446, 3482...	MALAYSIA, Peninsular Malaysia, East Coast: Wreck.....	47
835(P)/19	3879.....	VIETNAM: Buoyage.....	47
2660(T)/19	3875, 3888.....	VIETNAM: Wreck.....	47
3109(T)/19	1199, 2412, 3480...	CHINA, East Coast: Buoy.....	50,52,53
4141(T)/19	3232.....	TAIWAN: Works.....	50
4195(T)/19	3874.....	VIETNAM: Wrecks; Buoyage.....	47
4270(T)/19	2376.....	TAIWAN: Breakwater.....	50
4737(P)/19	1304.....	CHINA, East Coast: Submarine pipeline.....	50
5385(T)/19	2657.....	CHINA, Bo Hai: Depth.....	52
5627(T)/19	1716, 1723, 2401...	CHINA, South Coast: Works.....	50
6488(T)/19	1505, 1506.....	CHINA, Yellow Sea Coast: Works; Channel; Restricted area.....	52
1096(T)/20	1537, 1555, 3892...	CHINA, South Coast: Submarine cable.....	47
1660(T)/20	1046, 3724, 3727...	THAILAND, Gulf of Thailand Coast: Buoyage.....	47
2225(P)/20	1604.....	CHINA, East Coast: Vertical clearance.....	50
2620(T)/20	1505, 1506.....	CHINA, Yellow Sea Coast: Pier.....	52
2676(T)/20	3488, 3989, 3990...	CHINA: Works.....	47
3867(T)/20	3447.....	MALAYSIA, Peninsular Malaysia, East Coast: Anchorage area.....	47
4506(P)/20	1761, 3231, 3658...	TAIWAN: Works; Buoyage.....	50
4508(T)/20	1968, 3489.....	TAIWAN STRAIT: Wreck.....	48,50
4813(P)/20	1250, 2645.....	CHINA, Bo Hai: Depths.....	52
5204(T)/20	2376, 3230, 3232...	TAIWAN: Works.....	50
5637(P)/20	1338, 3483, 3489, 4411, 4414, 4464, 4507, 4508, 4509...	SOUTH CHINA SEA: Fish havens.....	47,48,57, 59
6104(T)/20	3989.....	VIETNAM: Wreck.....	47
6269(T)/20	3988.....	VIETNAM: Wreck.....	47
596(T)/21	2412, 3235, 3236...	TAIWAN: Restricted area.....	50,53
751(T)/21	1761, 1968, 3231...	TAIWAN: Obstructions.....	50
1320(T)/21	2645.....	CHINA, Bo Hai: Wreck.....	52
1435(T)/21	341, 3026, 4129....	CHINA, South Coast: Works; Buoyage; Reclamation area; Automatic Identification Systems.....	47,50
1454(T)/21	1760, 2409.....	TAIWAN: Obstruction.....	50
1470(T)/21	3488, 3988, 3989...	VIETNAM: Works; Offshore installation.....	47
1471(P)/21	3874.....	VIETNAM: Submarine power cable; Buoyage.....	47
2042(T)/21	3999.....	CHINA, South Coast: Dredged area.....	47
2260(T)/21	4117, 4126.....	CHINA, South Coast: Works; Buoyage.....	47
2336(P)/21	1760, 1968, 2409, 3231.....	TAIWAN: Works.....	50
2769(T)/21	4117, 4126.....	CHINA, South Coast: Buoyage; Works.....	47
3282(T)/21	2376, 3230.....	TAIWAN: Works.....	50
3363(T)/21	2618.....	TAIWAN: Works; Buoyage.....	50
3513(P)/21	2657.....	CHINA, Bo Hai: Depths.....	52
3775(T)/21	1304.....	CHINA, East Coast: Buoyage.....	50
3954(T)/21	1059, 1100.....	VIETNAM: Works.....	47
4313(P)/21	1536, 1537, 1555, 3892.....	CHINA, South Coast: Submarine power cable.....	47
4622(P)/21	103, 341, 937, 1968, 3026, 3488, 3489, 3890.....	CHINA, South Coast: Submarine cable.....	47,48,50
4767(T)/21	1537, 1555.....	CHINA, South Coast: Submarine cable.....	47

IA

14. CHINA SEA WITH ITS WEST SHORE AND CHINA (continued)

4851(T)/21	1281.....	CHINA, East Coast: Buoy; Wreck.....	52
4862(T)/21	1760, 2409.....	TAIWAN: Buoyage.....	50
382(T)/22	1199, 1305, 1759...	CHINA, East Coast: Wrecks; Buoyage; Virtual aids to navigation.....	50
386(T)/22	1059.....	VIETNAM: Buoyage.....	47
515(P)/22	1379.....	MALAYSIA, Peninsular Malaysia, East Coast: Breakwater; Lights; Quay; Depths; Maintained channels.....	47
578(T)/22	1719, 1760.....	CHINA, East Coast: Buoyage; Virtual aid to navigation.....	50
598(T)/22	3884.....	VIETNAM: Wreck.....	47
1288(T)/22	1759.....	CHINA, East Coast: Buoyage; Wreck; Virtual aid to navigation.....	50
1484(P)/22	4123, 4129.....	CHINA, South Coast: Works; Buoyage; Automatic Identification Systems.....	47,50
1530(P)/22	1250, 2645.....	CHINA, Bo Hai: Depths; Channel; Buoyage.....	52
1531(T)/22	1249.....	CHINA, Bo Hai: Wreck.....	52
2199(T)/22	1100, 1261.....	VIETNAM: Wreck; Buoy; Works.....	47
2375(T)/22	4043, 4044.....	MALAYSIA, Peninsular Malaysia, East Coast: Light-beacon; Buoy.....	45
2414(T)/22	4117.....	CHINA, South Coast: Works.....	47
2482(T)/22	4122, 4123.....	CHINA, South Coast: Reef.....	47,50
3924(T)/22	1254, 1289.....	CHINA, Yellow Sea Coast: Restricted area.....	52
3935(P)/22	1199, 1306, 1602, 2412, 3480.....	CHINA, East Coast: Traffic separation scheme; Separation zones; Precautionary areas; Restricted areas.....	50,52,53
4054(T)/22	3488, 3988.....	VIETNAM: Wreck.....	47
4086(T)/22	2618.....	TAIWAN: Works.....	50
4295(T)/22	344.....	CHINA, South Coast: Light-beacons.....	47
4297(T)/22	344.....	CHINA, South Coast: Buoyage.....	47
4530(T)/22	809, 1501.....	CHINA, Yellow Sea Coast: Works; Breakwater.....	52
5055(P)/22	986, 1046.....	THAILAND, Gulf of Thailand Coast: Jetty; Works; Buoyage.....	47
244(P)/23	1261.....	VIETNAM: Works; Wind farm; Wind turbines; Lights; Automatic Identification Systems; Buoyage.....	47
468(T)/23	4123.....	CHINA, South Coast: Works; Buoyage.....	50
607(T)/23	1059, 1100.....	VIETNAM: Wreck.....	47
638(T)/23	1059, 1100, 1261, 3986.....	VIETNAM: Virtual aids to navigation; Pilot boarding places.....	47
840(T)/23	3884.....	VIETNAM: Wreck.....	47
1055(T)/23	1039.....	VIETNAM: Light-beacon; Beacon.....	47
1056(T)/23	3882.....	VIETNAM: Wreck.....	47
1558(T)/23	2422, 2426, 3446, 3447.....	MALAYSIA, Peninsular Malaysia, East Coast: Offshore installation.....	47
1965(T)/23	2412, 3480.....	CHINA: Buoy.....	52,53
1966(T)/23	1760, 1968, 2409...	TAIWAN: Superbuoy.....	50
2519(T)/23	1261, 3986, 3987...	VIETNAM: Buoy.....	47
3105(P)/23	880.....	CHINA, Yellow Sea Coast: Port developments; Jetties; Light; Reclamation areas; Depths.....	52
3299(T)/23	2412, 3480.....	CHINA, East Coast: Buoy.....	52,53
3367(T)/23	2409, 3230, 3232...	TAIWAN: Wreck; Buoy; Virtual aid to navigation.....	50
3376(T)/23	1760, 2409, 3231...	TAIWAN: Buoy.....	50
3389(T)/23	1134, 1144, 1199, 1303, 1306.....	CHINA, East Coast: Submarine pipeline; Works.....	50
3396(T)/23	1760, 2409, 3231...	TAIWAN: Submarine cable; Works.....	50
3497(T)/23	2376, 2409, 3230, 3232.....	TAIWAN: Obstructions.....	50
3610(T)/23	1249, 1250, 1255, 1256.....	CHINA, Bo Hai: Wreck.....	52
3781(P)/23	1221.....	CHINA, Bo Hai: Virtual aids to navigation.....	52
3822(T)/23	1249, 1250, 1256...	CHINA, Bo Hai: Obstruction.....	52
4222(P)/23	1059.....	VIETNAM: Works; Bridge; Piles.....	47
4341(P)/23	1100.....	VIETNAM: Submarine cables.....	47
4556(T)/23	3884.....	VIETNAM: Buoyage.....	47
4593(P)/23	1603.....	CHINA, East Coast: Obstruction.....	50

IA

14. CHINA SEA WITH ITS WEST SHORE AND CHINA (continued)

4714(T)/23	346.....	CHINA, South Coast: Buoy; Virtual aid to navigation.....	47
4715(T)/23	1304, 1592.....	CHINA, East Coast: Wreck.....	50
4892(T)/23	1965, 3990.....	VIETNAM: Virtual aids to navigation.....	47
109(T)/24	1206, 1249, 1255, 1256.....	CHINA, Yellow Sea Coast: Wreck.....	52
260(T)/24	3986.....	VIETNAM: Wreck.....	47
573(T)/24	1059, 1100.....	VIETNAM: Buoy; Virtual aid to navigation.....	47
942(P)/24	1716, 1719, 1720, 1723, 1736, 1754, 1760, 1761, 2400, 2401, 2413, 2419, 2431.....	CHINA, East Coast: Recommended routes.....	50
1284(T)/24	1255, 1289.....	CHINA, Yellow Sea Coast: Wreck.....	52
1322(T)/24	3233, 3234.....	TAIWAN: Obstruction; Submarine cable.....	50
1451(T)/24	1759.....	CHINA, East Coast: Virtual aid to navigation.....	50
1489(T)/24	1256, 1294.....	CHINA, Bo Hai: Wreck.....	52
1621(T)/24	2414, 2422, 3446, 3482, 4508.....	MALAYSIA, Peninsular Malaysia, East Coast: Wreck.....	47
1721(P)/24	3993.....	CHINA, South Coast: Alongside depths; Depths; Drying patches; Port developments; Piers; Buoyage; Works; Channel; Coastline.....	47
1742(T)/24	1201.....	CHINA, Yellow Sea Coast: Wreck; Buoyage; Virtual aid to navigation.....	52
1786(P)/24	1601, 1603.....	CHINA, East Coast: Depths; Alongside depths; Obstructions; Channel; Traffic separation scheme.....	50
1825(P)/24	809.....	CHINA, Yellow Sea Coast: Pier.....	52
1840(T)/24	2618, 3234, 3235...	TAIWAN: General information.....	50
1841(T)/24	1281.....	CHINA, East Coast: Buoyage; Wreck; Virtual aid to navigation.....	52
1858(P)/24	3939.....	CHINA, South Coast: Alongside depths; Breakwater; Depths; Jetties; Rock; Obstruction.....	47
1879(P)/24	3992, 3993, 3999...	CHINA, South Coast: Depths; Virtual aids to navigation; Alongside depths; Fairway.....	47
1929(T)/24	2426, 3447.....	MALAYSIA, Peninsular Malaysia, East Coast: Buoy.....	47
1941(T)/24	3884.....	VIETNAM: Buoyage.....	47
1959(P)/24	345.....	CHINA, South Coast: Piers; Lights; Reclamation area; Works; Alongside depths; Depths; Channel depths; Buoyage.....	50
1963(P)/24	2654.....	CHINA, Bo Hai: Buoyage; Fairway.....	52
2004(T)/24	4118, 4119.....	CHINA, South Coast: Works; Dredging areas.....	47,50
2097(T)/24	1261, 3986.....	VIETNAM: Buoy.....	47
2179(T)/24	880, 1201, 1253....	CHINA, Yellow Sea Coast: Obstruction.....	52
2183(T)/24	2376.....	TAIWAN: Works.....	50
2211(P)/24	1784.....	CHINA, South Coast: Pier; Breakwater; Lights.....	50
2231(T)/24	1254, 1256, 1289, 3480.....	CHINA, Yellow Sea Coast: Wreck.....	52
2240(T)/24	1199, 1602.....	CHINA, East Coast: Buoyage; Virtual aid to navigation; Wreck.....	50
2299(P)/24	1250, 1255.....	CHINA, Bo Hai: Vessel traffic services.....	52
2334(P)/24	1059, 1100, 1261...	VIETNAM: Works; Dredging area; Buoyage.....	47
2339(P)/24	3363, 3364.....	CHINA, South Coast: Fairways; Depths; Bridge; Vertical clearance.....	47
2399(P)/24	3990, 3992.....	CHINA, South Coast: Submarine cable.....	47
2401(T)/24	3658.....	TAIWAN: Buoyage.....	50
2444(T)/24	1199, 1305.....	CHINA, East Coast: Wreck; Buoyage; Virtual aid to navigation.....	50
2459(T)/24	1250, 2645.....	CHINA, Bo Hai: Works.....	52
2489(P)/24	1738.....	CHINA, East Coast: Depths; Recommended route; Fairway.....	50
2532(T)/24	1761, 1968, 3231, 3236, 3658.....	TAIWAN: Buoyage.....	50
2659(P)/24	3883.....	VIETNAM: Depths.....	47
2692(P)/24	348, 4124.....	CHINA, South Coast: Alongside depths; Depths; Drying heights; Port development.....	47,50
2894(P)/24	2618.....	TAIWAN: Depths; Obstructions.....	50
2906(P)/24	2641.....	CHINA, Bo Hai: Channel limits; Virtual aid to navigation; Buoyage.....	52

IA

14. CHINA SEA WITH ITS WEST SHORE AND CHINA (continued)

2996(T)/24	3488, 3988.....	VIETNAM: Wreck.....	47
3021(P)/24	1206, 1250, 1255, 1294.....	CHINA, Bo Hai: Wind farm.....	52
3089(P)/24	1199, 1281.....	CHINA, East Coast: Anchorage areas; Recommended routes.....	50,52
3135(T)/24	1221.....	CHINA, Bo Hai: Wreck.....	52
3255(P)/24	1201, 1206, 1221, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1263, 1289, 1294, 1295, 1316, 1317, 1501, 1502, 2657.....	CHINA, Yellow Sea Coast: Recommended routes.....	52
3372(P)/24	1728.....	CHINA, South Coast: Submarine pipeline; Works.....	47
3373(T)/24	3890, 3892.....	CHINA, South Coast: Buoy; Virtual aid to navigation.....	47
3377(T)/24	1759.....	CHINA, East Coast: Buoyage; Wreck; Virtual aid to navigation.....	50
3387(T)/24	348.....	CHINA, South Coast: Buoyage.....	47
3421(T)/24	1036, 1039.....	VIETNAM: Buoy.....	47
3445(T)/24	1059.....	VIETNAM: Buoy.....	47
3447(P)/24	1737.....	CHINA, East Coast: Quay; Depths; Alongside depths.....	50
3453(P)/24	2619.....	TAIWAN: Depths; Alongside depths; Breakwater; Light.....	50
3465(P)/24	1126.....	CHINA, East Coast: Overhead cable; Safe vertical clearance.....	50
3468(P)/24	1126, 1130, 1134, 1144, 1199, 1303, 1304, 1306, 1592, 1602, 1721, 1738, 1754, 1759, 1763...	CHINA, East Coast: Recommended routes.....	50
3626(P)/24	2654.....	CHINA, Bo Hai: Depths; Pier; Jetty; Alongside depths.....	52
3634(P)/24	3879, 3985.....	VIETNAM: Overhead cable; Light-beacons.....	47
3660(T)/24	1760, 2409, 3231...	TAIWAN: Buoyage.....	50
3663(P)/24	1286, 1287.....	CHINA, Bo Hai: Anchorage areas.....	52
3687(T)/24	2412, 3480.....	CHINA, East Coast: Buoy.....	52,53
3689(T)/24	1036.....	VIETNAM: Works; Dredged area.....	47

15. JAPAN

2962(T)/07	JP 1087.....	JAPAN, Honshū: Depths.....	53
3852(T)/07	JP 87.....	JAPAN, Honshū: Depths.....	53
2050(T)/09	JP 90.....	JAPAN, Honshū: Depth.....	53
2051(T)/09	JP 80.....	JAPAN, Honshū: Depth.....	53
2667(T)/09	JP 90.....	JAPAN, Honshū: Depths.....	53
3043(T)/09	JP 90.....	JAPAN, Honshū: Depth.....	53
3781(T)/09	2024, JP 226.....	JAPAN, Nansei Shotō: Depth; Rock.....	53
4060(T)/09	JP 107.....	JAPAN, Seto Naikai: Obstruction.....	54
4209(T)/09	JP 226.....	JAPAN, Nansei Shotō: Depths.....	53
4523(T)/09	JP 179, JP 187.....	JAPAN, Kyūshū: Depth.....	53
5182(T)/09	JP 1062, JP 1067.....	JAPAN, Honshū: Depths.....	53
5469(T)/09	JP 213, JP 1222.....	JAPAN, Kyūshū: Depths.....	53
6128(T)/09	JP 213, JP 1222.....	JAPAN, Kyūshū: Depth.....	53
2781(T)/10	JP 179, JP 187, JP 1228.....	JAPAN, Kyūshū: Depths.....	53
3116(T)/10	JP 226.....	JAPAN, Nansei Shotō: Depth.....	53
3611(T)/10	JP 179, JP 187, JP 1228.....	JAPAN, Kyūshū: Depths.....	53
5507(T)/10	JP 213.....	JAPAN, Kyūshū: Rock.....	53
6140(T)/10	JP 1056.....	JAPAN, Honshū: Depths.....	53
526(T)/11	JP 153.....	JAPAN, Seto Naikai: Depths.....	54
785(T)/11	JP 137A, JP 153.....	JAPAN, Seto Naikai: Depths.....	54
1866(T)/11	JP 104, JP 132.....	JAPAN, Seto Naikai: Depth.....	54
2285(T)/11	JP 90.....	JAPAN, Honshū: Depths.....	53

IA

15. JAPAN (continued)

3253(T)/11	JP 198, JP 1228.....	JAPAN, Kyūshū: Depths.....	53
4930(T)/11	JP 131.....	JAPAN, Seto Naikai: Wreck.....	54
4931(T)/11	JP 106, JP 131.....	JAPAN, Seto Naikai: Wreck.....	54
5883(T)/11	JP 137A.....	JAPAN, Seto Naikai: Depth.....	54
640(T)/12	JP 106, JP 137A, JP 153.....	JAPAN, Seto Naikai: Depths.....	54
2143(T)/12	JP 1106.....	JAPAN, Seto Naikai: Drying patch.....	54
3857(T)/12	JP 132.....	JAPAN, Seto Naikai: Depth.....	54
5197(T)/12	JP 1056.....	JAPAN, Honshū: Depths.....	53
5697(T)/12	JP 151, JP 1102.....	JAPAN, Seto Naikai: Depths.....	53,54
58(T)/13	JP 87.....	JAPAN, Honshū: Depths.....	53
1029(T)/13	JP 187.....	JAPAN, Kyūshū: Depth.....	53
1909(T)/13	JP 137A.....	JAPAN, Seto Naikai: Rock.....	54
2368(T)/13	JP 198.....	JAPAN, Kyūshū: Depths.....	53
2692(T)/13	JP 151, JP 1102.....	JAPAN, Shikoku: Depths.....	53,54
2831(T)/13	JP 151.....	JAPAN, Shikoku: Depths.....	53
2832(T)/13	JP 151.....	JAPAN, Kyūshū: Depths.....	53
3137(T)/13	JP 106, JP 150A, JP 150C.....	JAPAN, Seto Naikai: Wreck.....	54
3833(T)/13	JP 151, JP 1102.....	JAPAN, Shikoku: Depths.....	53,54
3834(T)/13	JP 198, JP 1228.....	JAPAN, Kyūshū: Depth.....	53
3835(T)/13	JP 198.....	JAPAN, Kyūshū: Depths.....	53
4132(T)/13	JP 198.....	JAPAN, Kyūshū: Depths.....	53
4133(T)/13	JP 198.....	JAPAN, Kyūshū: Depths.....	53
5219(T)/13	JP 137A, JP 153.....	JAPAN, Seto Naikai: Depth.....	54
196(T)/14	996, 1648, JP 77, JP 150C.....	JAPAN, Seto Naikai: Wreck.....	53,54
2751(T)/14	JP 179.....	JAPAN, Honshū: Depths.....	53
2916(T)/14	JP 1101, JP 1102.....	JAPAN, Seto Naikai: Depth.....	54
3693(T)/14	JP 1169.....	JAPAN, Honshū: Depth.....	55
4183(T)/14	JP 1102.....	JAPAN, Seto Naikai: Depths.....	54
4687(T)/14	JP 90.....	JAPAN, Honshū: Depths.....	53
4963(T)/14	JP 1051, JP 1053.....	JAPAN, Honshū: Depths.....	53
5209(T)/14	JP 1051, JP 1053.....	JAPAN, Honshū: Depth.....	53
5470(T)/14	JP 1051, JP 1053.....	JAPAN, Honshū: Depths.....	53
5725(T)/14	JP 90.....	JAPAN, Honshū: Depths.....	53
5727(T)/14	JP 1051, JP 1053.....	JAPAN, Honshū: Depths.....	53
33(T)/15	JP 150C.....	JAPAN, Seto Naikai: Depths.....	54
968(T)/15	JP 80.....	JAPAN, Honshū: Depth.....	53
1444(T)/15	JP 151, JP 1102.....	JAPAN, Seto Naikai: Depths.....	53,54
2493(T)/15	JP 90.....	JAPAN, Honshū: Depth.....	53
3163(T)/15	JP 108.....	JAPAN, Shikoku: Depth.....	53
3298(T)/15	JP 54.....	JAPAN, Honshū: Depth.....	55
3552(T)/15	JP 179, JP 187, JP 1228.....	JAPAN, Kyūshū: Obstruction.....	53
3553(T)/15	JP 179, JP 198.....	JAPAN, Kyūshū: Depths.....	53
3684(T)/15	JP 1051.....	JAPAN, Honshū: Depth.....	53
3685(T)/15	JP 1053.....	JAPAN, Honshū: Depth.....	53
3806(T)/15	JP 93, JP 1051.....	JAPAN, Honshū: Depth.....	53
3929(T)/15	JP 1051, JP 1053.....	JAPAN, Honshū: Depths.....	53
3930(T)/15	JP 1051, JP 1053.....	JAPAN, Honshū: Depths.....	53
4168(T)/15	JP 151.....	JAPAN, Shikoku: Depths.....	53
4924(T)/15	JP 1112A.....	JAPAN, Seto Naikai: Depths.....	54
1638(T)/16	JP 141.....	JAPAN, Seto Naikai: Depths.....	54
1773(T)/16	JP 1102.....	JAPAN, Seto Naikai: Depth.....	54
2485(T)/16	JP 142.....	JAPAN, Seto Naikai: Depths.....	54
2705(T)/16	JP 93, JP 1051.....	JAPAN, Honshū: Depths.....	53

IA

15. JAPAN (continued)

3085(T)/16	JP 1098.....	JAPAN, Honshū: Depths.....	55
3157(T)/16	JP 141, JP 142.....	JAPAN, Seto Naikai: Depths.....	54
3160(T)/16	JP 141.....	JAPAN, Seto Naikai: Depths.....	54
5126(T)/16	JP 187, JP 213.....	JAPAN, Kyūshū: Depth.....	53
5264(T)/16	JP 90.....	JAPAN, Honshū: Depth.....	53
6268(T)/16	JP 179, JP 187.....	JAPAN, Kyūshū: Depth.....	53
431(T)/17	JP 1056.....	JAPAN, Honshū: Depths.....	53
782(T)/17	JP 1101, JP 1102.....	JAPAN, Seto Naikai: Depths.....	54
784(T)/17	JP 187.....	JAPAN, Kyūshū: Wreck.....	53
1395(T)/17	JP 106, JP 150A.....	JAPAN, Seto Naikai: Depths.....	54
1509(T)/17	JP 198.....	JAPAN, Kyūshū: Depths.....	53
1626(T)/17	JP 107.....	JAPAN, Seto Naikai: Depths.....	54
1627(T)/17	JP 141.....	JAPAN, Seto Naikai: Depths.....	54
1907(T)/17	JP 93.....	JAPAN, Honshū: Depths.....	53
2047(T)/17	JP 151.....	JAPAN, Kyūshū: Depths.....	53
2048(T)/17	JP 151.....	JAPAN, Kyūshū: Depths.....	53
2444(T)/17	JP 106, JP 150A.....	JAPAN, Seto Naikai: Depths.....	54
3351(T)/17	JP 137B.....	JAPAN, Seto Naikai: Depths.....	54
3958(T)/17	JP 179, JP 187, JP 213.....	JAPAN, Kyūshū: Depths.....	53
4214(T)/17	JP 187, JP 213, JP 1222.....	JAPAN, Kyūshū: Depth.....	53
4358(T)/17	JP 187, JP 213.....	JAPAN, Kyūshū: Depths.....	53
4482(T)/17	JP 179, JP 187, JP 198, JP 213.....	JAPAN, Kyūshū: Wreck.....	53
4847(T)/17	JP 106, JP 150A.....	JAPAN, Seto Naikai: Depths.....	54
4953(T)/17	JP 1052.....	JAPAN, Honshū: Depths.....	53
5216(T)/17	JP 70, JP 1051, JP 1053.....	JAPAN, Honshū: Depths.....	53
5218(T)/17	JP 187, JP 213.....	JAPAN, Kyūshū: Depths.....	53
5220(T)/17	JP 226.....	JAPAN, Nansei Shotō: Depth.....	53
5941(T)/17	JP 134B.....	JAPAN, Seto Naikai: Depths.....	54
6023(T)/17	JP 54.....	JAPAN, Honshū: Depths.....	55
144(T)/18	JP 90.....	JAPAN, Honshū: Depth.....	53
856(T)/18	JP 1062.....	JAPAN, Honshū: Depths.....	53
1507(T)/18	JP 1101, JP 1102.....	JAPAN, Seto Naikai: Obstructions.....	54
1609(T)/18	JP 1051, JP 1052, JP 1053, JP 1064.....	JAPAN, Honshū: Depths.....	53
1613(T)/18	JP 151.....	JAPAN, Kyūshū: Depths.....	53
1614(T)/18	JP 151.....	JAPAN, Kyūshū: Depths.....	53
3153(T)/18	JP 1127B.....	JAPAN, Seto Naikai: Depths.....	54
3420(T)/18	JP 1086.....	JAPAN, Honshū: Depths.....	53
4747(T)/18	JP 1127B.....	JAPAN, Seto Naikai: Depths.....	54
5095(T)/18	JP 70, JP 1051, JP 1052, JP 1053, JP 1064.....	JAPAN, Honshū: Depths.....	53
5368(T)/18	JP 137B, JP 153.....	JAPAN, Seto Naikai: Depths.....	54
5484(T)/18	JP 1112A.....	JAPAN, Seto Naikai: Depths.....	54
5485(T)/18	JP 1112A, JP 1112B.....	JAPAN, Seto Naikai: Depths.....	54
5486(T)/18	JP 1206.....	JAPAN, Nansei Shotō: Depths.....	53
5701(T)/18	JP 153, JP 1108.....	JAPAN, Seto Naikai: Depth.....	54
559(T)/19	JP 153, JP 1108.....	JAPAN, Seto Naikai: Depth.....	54
859(T)/19	JP 139.....	JAPAN, Honshū: Depth.....	55
1355(T)/19	JP 226.....	JAPAN, Nansei Shotō: Depth.....	53
2273(T)/19	JP 1107.....	JAPAN, Seto Naikai: Depths.....	54
2410(T)/19	JP 1206.....	JAPAN, Nansei Shotō: Depths.....	53
2649(T)/19	JP 112.....	JAPAN, Seto Naikai: Depths.....	54

IA

15. JAPAN (continued)

2796(T)/19	JP 112.....	JAPAN, Seto Naikai: Depths.....	54
2891(T)/19	JP 150C.....	JAPAN, Seto Naikai: Depths.....	54
3066(T)/19	JP 94.....	JAPAN, Honshū: Depths.....	53
5880(T)/19	JP 226.....	JAPAN, Nansei Shotō: Depths.....	53
6045(T)/19	JP 150A.....	JAPAN: Depths.....	54
6048(T)/19	JP 150A.....	JAPAN: Depths.....	54
318(T)/20	JP 70, JP 1051, JP 1052.....	JAPAN, Honshū: Obstruction.....	53
602(T)/20	JP 66.....	JAPAN, Honshū: Depths.....	53
1786(T)/20	JP 190, JP 1227.....	JAPAN, Kyūshū: Drying heights.....	53
2204(T)/20	JP 1030, JP 1034.....	JAPAN, Hokkaidō: Obstruction.....	55
2940(T)/20	JP 1109.....	JAPAN, Seto Naikai: Depth.....	54
3947(T)/20	JP 94.....	JAPAN, Honshū: Depths.....	53
4077(T)/20	JP 1141.....	JAPAN, Seto Naikai: Depths.....	54
4436(T)/20	JP 1102, JP 1108.....	JAPAN, Seto Naikai: Depths.....	54
4529(T)/20	JP 1195.....	JAPAN, Honshū: Buoy.....	55
4718(T)/20	JP 67, JP 1061, JP 1062.....	JAPAN, Honshū: Depths.....	53
4823(T)/20	JP 67.....	JAPAN, Honshū: Depth.....	53
4914(T)/20	JP 1112A.....	JAPAN, Seto Naikai: Depth.....	54
5074(T)/20	JP 90, JP 1062, JP 1081, JP 1085.....	JAPAN, Honshū: Obstruction.....	53
5263(T)/20	JP 1088.....	JAPAN, Honshū: Depth.....	53
6003(T)/20	JP 1107.....	JAPAN, Seto Naikai: Depths.....	54
6121(T)/20	JP 106.....	JAPAN, Seto Naikai: Rock.....	54
6122(T)/20	JP 106, JP 137A, JP 153.....	JAPAN, Seto Naikai: Rocks.....	54
374(T)/21	JP 134B.....	JAPAN, Seto Naikai: Depths.....	54
1073(T)/21	JP 187, JP 213.....	JAPAN, Kyūshū: Offshore installation; Obstruction; Submarine power cables.....	53
1171(T)/21	JP 153.....	JAPAN, Seto Naikai: Depths.....	54
1172(T)/21	JP 187, JP 213.....	JAPAN, Kyūshū: Depths.....	53
1541(T)/21	JP 1180.....	JAPAN, Honshū: Depths.....	55
1850(T)/21	JP 1172.....	JAPAN, Honshū: Obstruction.....	55
1932(T)/21	JP 1067.....	JAPAN, Honshū: Depths.....	53
2194(T)/21	JP 1109.....	JAPAN, Seto Naikai: Depth.....	54
2447(T)/21	JP 1101.....	JAPAN, Seto Naikai: Depths.....	54
2647(T)/21	JP 134B.....	JAPAN, Seto Naikai: Depths; Drying heights.....	54
3164(T)/21	JP 1055A, JP 1055B.....	JAPAN, Honshū: Obstruction.....	53
3215(T)/21	JP 1137.....	JAPAN, Seto Naikai: Buoy.....	54
3760(T)/21	JP 1169.....	JAPAN, Honshū: Depth.....	55
3767(T)/21	JP 153, JP 1108.....	JAPAN, Seto Naikai: Depth.....	54
4366(T)/21	JP 153.....	JAPAN, Seto Naikai: Wreck.....	54
4504(T)/21	JP 1120.....	JAPAN, Seto Naikai: Drying height.....	54
4637(T)/21	JP 95, JP 1051.....	JAPAN, Honshū: Wreck.....	53
4638(T)/21	JP 95, JP 1055B.....	JAPAN, Honshū: Obstruction.....	53
4790(T)/21	JP 1067.....	JAPAN, Honshū: Depths.....	53
4905(T)/21	JP 11.....	JAPAN, Hokkaidō: Depth.....	55
5014(T)/21	JP 153.....	JAPAN, Seto Naikai: Depths.....	54
5016(T)/21	JP 1120.....	JAPAN, Seto Naikai: Depths.....	54
5141(T)/21	JP 1263.....	JAPAN, Seto Naikai: Drying patches.....	54
343(T)/22	1648, JP 77, JP 108.....	JAPAN, Shikoku: Buoy.....	53
443(T)/22	JP 141.....	JAPAN, Seto Naikai: Fish havens; Obstruction.....	54
833(T)/22	JP 1110.....	JAPAN, Seto Naikai: Depth.....	54
835(T)/22	2024, JP 226.....	JAPAN, Nansei Shotō: Depths.....	53
1327(T)/22	JP 123, JP 1107.....	JAPAN, Seto Naikai: Depths.....	54
1406(T)/22	JP 1127A.....	JAPAN, Seto Naikai: Obstruction.....	54

IA

15. JAPAN (continued)

1588(T)/22	JP 67, JP 1061, JP 1062.....	JAPAN, Honshū: Restricted area; Works.....	53
1590(T)/22	JP 1247B.....	JAPAN, Seto Naikai: Obstruction.....	53
1655(T)/22	JP 1107.....	JAPAN, Seto Naikai: Depths.....	54
1938(T)/22	JP 1206.....	JAPAN, Nansei Shotō: Depths.....	53
2299(T)/22	JP 137B, JP 153.....	JAPAN, Seto Naikai: Depths.....	54
2300(T)/22	JP 1112A, JP 1112B.....	JAPAN, Seto Naikai: Depths; Obstruction.....	54
2558(T)/22	JP 1150.....	JAPAN, Seto Naikai: Depths; Drying patch.....	54
2560(T)/22	JP 106, JP 137A, JP 153.....	JAPAN, Seto Naikai: Depths.....	54
3510(T)/22	JP 135, JP 1262, JP 1263.....	JAPAN, Seto Naikai: Depth.....	54
3511(T)/22	JP 135, JP 1263.....	JAPAN, Seto Naikai: Depth.....	54
3643(T)/22	JP 90, JP 1061, JP 1062, JP 1087.....	JAPAN, Honshū: Obstruction.....	53
3871(T)/22	JP 135, JP 1263.....	JAPAN, Seto Naikai: Depths.....	54
3977(T)/22	JP 80.....	JAPAN, Honshū: Virtual aid to navigation; Lights.....	53
3978(T)/22	JP 1112A, JP 1112B.....	JAPAN, Seto Naikai: Depths; Drying heights.....	54
4159(T)/22	JP 1067.....	JAPAN, Honshū: Wreck.....	53
4309(T)/22	JP 1127B.....	JAPAN, Seto Naikai: Depth.....	54
4560(T)/22	JP 77, JP 108.....	JAPAN, Shikoku: Buoy.....	53
4829(T)/22	JP 127, JP 1101.....	JAPAN, Seto Naikai: Virtual aid to navigation; Obstruction.....	54
4919(T)/22	JP 89.....	JAPAN, Honshū: Depths.....	53
5029(T)/22	JP 94, JP 95.....	JAPAN, Honshū: Depths.....	53
5030(T)/22	JP 106, JP 131, JP 150A.....	JAPAN, Seto Naikai: Depths.....	54
5032(T)/22	JP 127, JP 135.....	JAPAN, Seto Naikai: Buoyage.....	54
5117(T)/22	JP 127, JP 135.....	JAPAN, Seto Naikai: Buoy.....	54
5203(T)/22	JP 1057A.....	JAPAN, Honshū: Depths.....	53
190(T)/23	JP 134B.....	JAPAN, Seto Naikai: Depths.....	54
330(T)/23	1800, 1803, JP 1032.....	JAPAN, Hokkaidō: Wreck.....	55
465(T)/23	JP 1086.....	JAPAN, Honshū: Depth.....	53
826(T)/23	JP 201, JP 1228.....	JAPAN, Kyūshū: Depth.....	53
897(T)/23	JP 104, JP 132, JP 141, JP 1108.....	JAPAN, Seto Naikai: Wreck.....	54
1257(T)/23	JP 1061, JP 1086.....	JAPAN, Honshū: Depths; Obstruction.....	53
1261(T)/23	1648, JP 151, JP 1220.....	JAPAN, Kyūshū: Lights.....	53
1262(T)/23	JP 190, JP 1227.....	JAPAN, Kyūshū: Obstruction.....	53
1333(T)/23	JP 1107.....	JAPAN, Seto Naikai: Depths.....	54
1334(T)/23	JP 137B, JP 153, JP 1127A.....	JAPAN, Seto Naikai: Obstruction.....	54
1432(T)/23	JP 1067.....	JAPAN, Honshū: Dredging area; Works.....	53
1435(T)/23	JP 1137.....	JAPAN, Seto Naikai: Drying patch.....	54
1436(T)/23	JP 135, JP 1263.....	JAPAN, Seto Naikai: Depths.....	54
1647(T)/23	JP 1103.....	JAPAN, Seto Naikai: Obstructions; Depth.....	54
1774(T)/23	JP 1056.....	JAPAN, Honshū: Depths.....	53
1848(T)/23	JP 1049.....	JAPAN, Honshū: Depths.....	53
2381(T)/23	JP 90, JP 1061, JP 1086.....	JAPAN, Honshū: Obstruction.....	53
2547(T)/23	JP 80.....	JAPAN, Honshū: Wreck.....	53
3412(T)/23	JP 1088.....	JAPAN, Honshū: Depths.....	53
3414(T)/23	JP 151.....	JAPAN, Shikoku: Depth.....	53
3433(T)/23	JP 106, JP 150A.....	JAPAN, Seto Naikai: Obstructions; Fish havens.....	54
3761(T)/23	JP 94, JP 1055B.....	JAPAN, Honshū: Depths.....	53
3762(T)/23	JP 135, JP 1262, JP 1263.....	JAPAN, Seto Naikai: Wreck.....	54

IA

15. JAPAN (continued)

4198(T)/23	JP 90, JP 1061, JP 1086.....	JAPAN, Honshū: Obstruction.....	53
4199(T)/23	JP 101A, JP 101B.....	JAPAN, Seto Naikai: Works.....	54
4365(T)/23	JP 137A.....	JAPAN, Seto Naikai: Depth; Drying height.....	54
4366(T)/23	JP 1120.....	JAPAN, Seto Naikai: Buoyage.....	54
4507(T)/23	JP 150A, JP 1103, JP 1141.....	JAPAN, Seto Naikai: Depths.....	54
4510(T)/23	JP 190, JP 1227.....	JAPAN, Kyūshū: Depths.....	53
4511(T)/23	JP 1227.....	JAPAN, Kyūshū: Depth; Obstruction.....	53
4780(T)/23	JP 1057A.....	JAPAN, Honshū: Depths.....	53
4781(T)/23	JP 1055A.....	JAPAN, Honshū: Works; Buoyage.....	53
4783(T)/23	JP 1110, JP 1141.....	JAPAN, Seto Naikai: Depths.....	54
4784(T)/23	JP 104, JP 141.....	JAPAN, Seto Naikai: Drying patch.....	54
4787(T)/23	JP 1101.....	JAPAN, Seto Naikai: Depths.....	54
105(T)/24	JP 1103.....	JAPAN, Seto Naikai: Obstructions.....	54
170(T)/24	JP 1056.....	JAPAN, Honshū: Depths.....	53
171(T)/24	JP 123, JP 1107.....	JAPAN, Seto Naikai: Depths.....	54
493(T)/24	JP 129.....	JAPAN, Seto Naikai: Depth.....	54
613(T)/24	1648, JP 77, JP 108.	JAPAN, Shikoku: Superbuoy.....	53
614(T)/24	JP 150C.....	JAPAN, Seto Naikai: Depths.....	54
865(T)/24	JP 150A.....	JAPAN, Seto Naikai: Depths.....	54
976(T)/24	JP 89.....	JAPAN, Honshū: Depths.....	53
977(T)/24	JP 89.....	JAPAN, Honshū: Depths; Obstructions.....	53
979(T)/24	JP 1137.....	JAPAN, Seto Naikai: Obstruction.....	54
980(T)/24	JP 226.....	JAPAN, Nansei Shotō: Depth.....	53
1100(T)/24	JP 1206.....	JAPAN, Nansei Shotō: Depths.....	53
1202(T)/24	JP 123, JP 1103, JP 1146.....	JAPAN, Seto Naikai: Restricted area.....	54
1412(T)/24	JP 1057B.....	JAPAN, Honshū: Depths.....	53
1413(T)/24	JP 94.....	JAPAN, Honshū: Depths.....	53
1414(T)/24	JP 137B, JP 153.....	JAPAN, Seto Naikai: Wreck.....	54
1557(T)/24	JP 90, JP 1062, JP 1081, JP 1083.....	JAPAN, Honshū: Obstruction.....	53
1558(T)/24	JP 1056.....	JAPAN, Honshū: Depths.....	53
1559(T)/24	JP 94.....	JAPAN, Honshū: Depths.....	53
1560(T)/24	JP 150A.....	JAPAN, Seto Naikai: Depths.....	54
1561(T)/24	JP 150A, JP 1103, JP 1141.....	JAPAN, Seto Naikai: Depths.....	54
1700(T)/24	JP 54.....	JAPAN, Honshū: Obstruction.....	55
1702(T)/24	JP 1247B.....	JAPAN, Seto Naikai: Depth.....	53
1897(T)/24	JP 150A, JP 1103.....	JAPAN, Seto Naikai: Fish haven.....	54
1900(T)/24	JP 123, JP 1107.....	JAPAN, Seto Naikai: Obstruction.....	54
1901(T)/24	JP 135, JP 201, JP 1266, JP 1267.....	JAPAN, Kyūshū: Piles; Works; Wave recorder; Buoyage.....	53,54
1984(T)/24	JP 1062, JP 1081.....	JAPAN, Honshū: Depths; Obstruction; Fish havens.....	53
1985(T)/24	JP 67, JP 1061, JP 1062.....	JAPAN, Honshū: Restricted area; Works.....	53
2095(T)/24	JP 153.....	JAPAN, Seto Naikai: Depths.....	54
2348(T)/24	JP 1102, JP 1108.....	JAPAN, Seto Naikai: Buoy; Virtual aid to navigation.....	54
2349(T)/24	JP 127, JP 129.....	JAPAN, Seto Naikai: Works; Dredging areas.....	54
2505(T)/24	JP 1057A, JP 1057B.	JAPAN, Honshū: Breakwater; Works.....	53
2506(T)/24	JP 1150.....	JAPAN, Seto Naikai: Works; Dredging area.....	54
2625(T)/24	JP 1103, JP 1141.....	JAPAN, Seto Naikai: Works.....	54
2627(T)/24	JP 1127A.....	JAPAN, Seto Naikai: Depth.....	54
2630(T)/24	JP 135, JP 1263.....	JAPAN, Seto Naikai: Works.....	54
2736(T)/24	JP 1057B.....	JAPAN, Honshū: Buoy.....	53
2737(T)/24	JP 1227.....	JAPAN, Kyūshū: Works.....	53

IA

15. JAPAN (continued)

2915(T)/24	JP 120, JP 1163.....	JAPAN, Honshū: Depths.....	55
2916(T)/24	JP 135, JP 1263.....	JAPAN, Seto Naikai: Depths.....	54
3034(T)/24	JP 1163.....	JAPAN, Honshū: Depths.....	55
3035(T)/24	JP 101A, JP 1103.....	JAPAN, Seto Naikai: Works.....	54
3036(T)/24	JP 142, JP 1112B.....	JAPAN, Seto Naikai: Submarine pipelines; Works.....	54
3148(T)/24	JP 1150.....	JAPAN, Seto Naikai: Obstructions.....	54
3296(T)/24	JP 87, JP 1097.....	JAPAN, Honshū: Wreck.....	53,55
3297(T)/24	JP 94.....	JAPAN, Honshū: Depths.....	53
3298(T)/24	JP 123, JP 1103, JP 1146.....	JAPAN, Seto Naikai: Current meters; Buoyage.....	54
3299(T)/24	JP 123.....	JAPAN, Seto Naikai: Works.....	54
3300(T)/24	JP 107, JP 131.....	JAPAN, Seto Naikai: Current meter; Buoy.....	54
3301(T)/24	JP 134B.....	JAPAN, Seto Naikai: Dredging area.....	54
3302(T)/24	JP 135, JP 1262, JP 1263.....	JAPAN, Seto Naikai: Depths.....	54
3303(T)/24	JP 135, JP 1263.....	JAPAN, Seto Naikai: Dredging area; Works.....	54
3448(T)/24	JP 1055A.....	JAPAN, Honshū: Depths.....	53
3449(T)/24	JP 1150.....	JAPAN, Seto Naikai: Works; Breakwater.....	54
3450(T)/24	JP 137A, JP 153.....	JAPAN, Seto Naikai: Works; Submarine power cable.....	54
3451(T)/24	JP 137B, JP 153.....	JAPAN, Seto Naikai: Works.....	54
3452(T)/24	JP 1112B.....	JAPAN, Seto Naikai: Works; Bridge.....	54
3542(T)/24	JP 1085.....	JAPAN, Honshū: Obstruction.....	53
3543(T)/24	JP 89.....	JAPAN, Honshū: Works.....	53
3544(T)/24	JP 123, JP 1103, JP 1146.....	JAPAN, Seto Naikai: Current meters; Buoyage.....	54
3648(T)/24	JP 1065.....	JAPAN, Honshū: Buoyage.....	53
3649(T)/24	JP 107.....	JAPAN, Seto Naikai: Works; Dredging areas.....	54
3650(T)/24	JP 129.....	JAPAN, Seto Naikai: Depth.....	54
3651(T)/24	JP 1267.....	JAPAN, Kyūshū: Depths.....	54
3740(T)/24	JP 1061, JP 1065.....	JAPAN, Honshū: Wreck.....	53
3741(T)/24	JP 1061.....	JAPAN, Honshū: Obstruction.....	53
3742(T)/24	JP 1065.....	JAPAN, Honshū: Depths.....	53
3743(T)/24	JP 1057B.....	JAPAN, Honshū: Depth.....	53
3744(T)/24	JP 135, JP 201, JP 1266, JP 1267.....	JAPAN, Kyūshū: Works; Submarine power cable.....	53,54

16. KOREA AND THE PACIFIC COASTS OF RUSSIA

2427(T)/13	1802, 1803.....	RUSSIA, Pacific Ocean Coast: Buoy.....	55
1933(T)/14	1230.....	RUSSIA, Pacific Ocean Coast: Wreck.....	56
2746(T)/14	3340.....	RUSSIA, Pacific Ocean Coast: Restricted area.....	56
3546(T)/16	2432.....	RUSSIA, Pacific Ocean Coast: Mooring buoy.....	56
955(T)/17	4512.....	RUSSIA, Pacific Ocean Coast: Obstructions; Area to be avoided.....	56
1076(T)/18	3041.....	RUSSIA, Pacific Ocean Coast: Works.....	56
3252(T)/18	3041.....	RUSSIA, Pacific Ocean Coast: Buoyage.....	56
4188(T)/18	3044.....	RUSSIA, Pacific Ocean Coast: Restricted areas.....	56
4192(T)/18	3044.....	RUSSIA, Pacific Ocean Coast: Wrecks.....	56
4193(T)/18	3044.....	RUSSIA, Pacific Ocean Coast: Buoy.....	56
212(T)/19	2128.....	RUSSIA, Pacific Ocean Coast: Buoy.....	56
867(T)/19	3039.....	RUSSIA, Pacific Ocean Coast: Floating dock.....	56
2345(T)/19	3044.....	RUSSIA, Pacific Ocean Coast: Works.....	56
5767(T)/19	1065.....	KOREA, South Coast: Buoy.....	52
6063(T)/19	3044.....	RUSSIA, Pacific Ocean Coast: Buoyage.....	56
1278(T)/21	3480.....	KOREA, West Coast: Buoy.....	52
1336(T)/21	127, 1065.....	KOREA, South Coast: Buoyage.....	52,53
1896(T)/21	3666.....	KOREA, East Coast: Buoy.....	52
1897(T)/21	1258.....	KOREA, West Coast: Buoy.....	52
1989(T)/21	3365, 3480.....	KOREA, South Coast: Buoyage.....	52

IA

16. KOREA AND THE PACIFIC COASTS OF RUSSIA (continued)

517(T)/22	3041.....	RUSSIA, Pacific Ocean Coast: Anchorage area.....	56
1556(T)/22	2293.....	RUSSIA, Pacific Ocean Coast: Light.....	55
1774(T)/22	1270.....	KOREA, West Coast: Buoy.....	52
3427(T)/22	3928.....	KOREA, West Coast: Radar beacon.....	52
3529(T)/22	896, 898.....	KOREA, East Coast: Buoy.....	52
4139(T)/22	3365, 3480.....	KOREA, South Coast: Buoy.....	52
4921(T)/22	2432, 3045, 3046...	RUSSIA, Pacific Ocean Coast: Buoy; Fog signal.....	56
4928(T)/22	3044, 3045.....	RUSSIA, Pacific Ocean Coast: Mooring buoy.....	56
251(T)/23	127, 3365, 3929....	KOREA, South Coast: Buoyage; Automatic Identification Systems.....	52,53
433(T)/23	913, 3480.....	KOREA, West Coast: Buoy.....	52
526(T)/23	1256, 1258, 3480...	KOREA, West Coast: Buoy.....	52
593(T)/23	127, 896, 1065, 3666.....	KOREA, East Coast: Buoy.....	52,53
2539(T)/23	3480.....	KOREA STRAIT: Buoy.....	52
3005(T)/23	913, 3480.....	KOREA, West Coast: Buoyage.....	52
3121(T)/23	913, 3480.....	KOREA, West Coast: Buoyage.....	52
3256(T)/23	3365, 3480.....	KOREA, South Coast: Buoy.....	52
3514(T)/23	2127.....	RUSSIA, Pacific Ocean Coast: Wrecks.....	56
4609(T)/23	127, 1065.....	KOREA, South Coast: Buoy.....	52,53
4712(T)/23	913, 3480.....	KOREA, West Coast: Buoyage; Automatic Identification Systems.....	52
957(T)/24	3340.....	RUSSIA, Pacific Ocean Coast: Restricted area.....	56
1073(P)/24	1259.....	KOREA, South Coast: Obstructions; Light; Alongside depths; Floating dock; Depth; Works; Wreck.....	52
1421(T)/24	3044, 3045.....	RUSSIA, Pacific Ocean Coast: Light.....	56
2218(T)/24	3365, 3480, 3929...	KOREA, South Coast: Buoyage.....	52
2297(T)/24	4512.....	RUSSIA, Pacific Ocean Coast: Restricted area.....	56
2477(T)/24	1271.....	KOREA, West Coast: Virtual aid to navigation.....	52
2535(T)/24	3365, 3480.....	KOREA, West Coast: Buoy; Automatic Identification System.....	52
3671(T)/24	2161.....	RUSSIA, Pacific Ocean Coast: Virtual aid to navigation.....	56
3711(T)/24	1008.....	KOREA, West Coast: Buoyage.....	52
3729(T)/24	3365, 3480, 3929...	KOREA, South Coast: Buoy.....	52

17. PHILIPPINE ISLANDS, BORNEO AND INDONESIA EXCEPT SUMATERA

2773(T)/15	1748.....	MALAYSIA, Sarawak: Works.....	48
3651(P)/17	1293.....	INDONESIA, Molucca Sea: Submarine cables.....	59
4195(T)/18	945, 2796, 2876....	INDONESIA, Java Sea: Buoy.....	60
5227(T)/18	2638, 2893, 2894...	INDONESIA, Sulawesi: General information.....	58,59
1489(T)/19	2470, 2797, 2862...	INDONESIA, Java Sea: Buoy.....	46,60
1567(T)/19	1338, 2111, 2112...	MALAYSIA, Sabah: Buoy.....	48
6398(T)/19	1822.....	MALAYSIA, Sarawak: Buoy.....	48
1543(T)/20	2099.....	INDONESIA, Kalimantan: Obstruction.....	59
3590(P)/20	3484, 3809, 3811, 4416, 4417, 4473...	PHILIPPINE ISLANDS, Bohol: Submarine cables.....	48,58
3997(P)/20	3809, 3811.....	PHILIPPINE ISLANDS, Sulu Sea: Reef.....	48,58
5550(P)/20	3484, 3489, 4413, 4414, 4416, 4484, 4485, 4487, 4488, 4489.....	PHILIPPINE ISLANDS, Luzon: Submarine cables.....	48,58
6035(T)/20	3558.....	PHILIPPINE ISLANDS, Luzon: Wreck.....	48
6064(P)/20	3426, 3484, 3809, 3811, 4416, 4471, 4473.....	PHILIPPINE ISLANDS, Sulu Sea: Submarine cable.....	48,58
6158(P)/20	3484, 3489, 3809, 4413, 4414, 4416, 4417, 4477, 4478, 4484, 4489.....	PHILIPPINE ISLANDS: Submarine cables.....	48,58

IA

17. PHILIPPINE ISLANDS, BORNEO AND INDONESIA EXCEPT SUMATERA (continued)

833(P)/21	3484, 3489, 4413, 4416, 4417, 4485, 4486, 4487.....	PHILIPPINE ISLANDS, Luzon: Submarine cables.....	48,58
2009(P)/21	2134.....	BRUNEI: Depths; Dredged areas; Alongside depths.....	48
2220(P)/21	3809, 3811.....	PHILIPPINE ISLANDS: Submarine cables.....	48,58
3146(P)/21	2795, 2892, 3015, 3017.....	INDONESIA, Kalimantan: Buoyage.....	59,60
4848(P)/21	967, 3483, 3484, 3489, 3809, 3811, 4413, 4414, 4416, 4417, 4472, 4473, 4474, 4482, 4483, 4484, 4485, 4489, 4490.....	PHILIPPINE ISLANDS: Submarine cables.....	48,58
390(T)/22	13, 14, 4473, 4477	PHILIPPINE ISLANDS, Cebu: Wrecks.....	58
800(T)/22	2134.....	BRUNEI: Anchorage areas; Buoyage.....	48
1478(T)/22	3489.....	PHILIPPINE ISLANDS, Luzon: Buoy.....	48
1834(P)/22	3483, 3484, 3489, 3558, 4411, 4413, 4414, 4416, 4417, 4486, 4487, 4488, 4489, 4490, 4491...	PHILIPPINE ISLANDS, Luzon: Submarine cable.....	48,58
2439(T)/22	13, 14, 4473, 4477	PHILIPPINE ISLANDS, Cebu: Buoyage.....	58
2592(P)/22	967, 3484, 3489, 3809, 4413, 4414, 4482, 4483, 4484...	PHILIPPINE ISLANDS: Submarine cables.....	48,58
3071(P)/22	967, 3483, 3489....	PHILIPPINE ISLANDS, Palawan: Fish havens.....	48
3759(T)/22	1949, 2109, 3838...	MALAYSIA, Sarawak: Buoyage.....	48
4294(P)/22	1822.....	MALAYSIA, Sarawak: Works; Buoyage.....	48
4538(P)/22	3729.....	INDONESIA, Jawa: Buoyage.....	46
4798(P)/22	3747, 3749.....	INDONESIA, Papua: Works; Dredging area.....	58
4836(T)/22	1748, 2100, 3837...	MALAYSIA, Sarawak: Buoyage; Jetty.....	48
4962(T)/22	2470, 2797, 2862, 3729, 4508.....	INDONESIA, Java Sea: Wreck.....	46,47,60
4993(T)/22	2877, 2892.....	INDONESIA, Sulawesi: Wreck.....	59,60
46(P)/23	4413, 4414, 4416, 4485, 4487, 4489...	PHILIPPINE ISLANDS: Submarine cables.....	48,58
52(P)/23	13, 3809, 3811, 4413, 4416, 4473, 4477, 4485.....	PHILIPPINE ISLANDS: Submarine cables.....	48,58
497(T)/23	1844, 2134.....	BRUNEI: Obstructions; Scientific instruments.....	48
1452(P)/23	3931, 3932.....	PHILIPPINE ISLANDS, Luzon: Works.....	48
1553(T)/23	2134.....	BRUNEI: Anchorage areas.....	48
1559(P)/23	1338, 1844, 2109...	BRUNEI: Obstructions.....	48
1672(P)/23	2134.....	BRUNEI: Submarine pipeline; Light-beacons.....	48
1802(T)/23	1338, 2109.....	BRUNEI: Restricted area.....	48
2168(P)/23	3484, 4419, 4420, 4494.....	PHILIPPINE ISLANDS, Mindanao: Submarine cable; Works.....	58
2481(T)/23	4492.....	PHILIPPINE ISLANDS, Luzon: Works; Dredging area; Reclamation area....	48
2495(T)/23	2134.....	BRUNEI: Jetty.....	48
2587(P)/23	3931, 3932, 4491...	PHILIPPINE ISLANDS, Luzon: Reclamation areas; Dredging areas; Works.	48
2605(P)/23	1949, 2109, 3483, 3838.....	MALAYSIA, Sarawak: Submarine pipeline.....	48
2741(T)/23	2109.....	BRUNEI: Works.....	48

IA

17. PHILIPPINE ISLANDS, BORNEO AND INDONESIA EXCEPT SUMATERA (continued)

3046(P)/23	763, 1066, 1293, 2471, 2472, 2473, 2795, 2877, 2892, 2910, 2911, 2936, 2953, 2954, 3017, 3749, 3922.....	INDONESIA, Sulawesi: Submarine cable.....	57,58,59, 60
3186(T)/23	3525, 3626.....	MALAYSIA, Sabah: Buoy.....	48
3477(P)/23	13, 14.....	PHILIPPINE ISLANDS, Cebu: Bridge; Vertical clearance; Horizontal clearance; Traffic separation scheme; Buoyage; Anchorage areas; Depths; Drying height; Wrecks.....	58
3498(T)/23	1844, 2134.....	BRUNEI: Light-beacons; Buoyage.....	48
3812(P)/23	4413, 4414, 4416, 4478, 4489.....	PHILIPPINE ISLANDS: Submarine cables.....	48,58
3910(P)/23	3809, 3811, 4498...	PHILIPPINE ISLANDS, Mindanao: Submarine cables.....	48,58
3919(P)/23	13, 3484, 3809, 4416, 4417, 4473, 4474, 4477.....	PHILIPPINE ISLANDS: Submarine cable.....	48,58
3940(P)/23	3931, 3932.....	PHILIPPINE ISLANDS, Luzon: Buoyage; Channel; Channel depth; Pilot boarding place; Port development; Breakwater.....	48
4320(P)/23	163.....	MALAYSIA, Sarawak: Works; Bridge; Channels.....	48
4422(T)/23	4487.....	PHILIPPINE ISLANDS, Masbate: Light-beacon.....	58
4565(P)/23	909, 918.....	INDONESIA, Jawa: Works.....	46,60
4954(T)/23	3426.....	PHILIPPINE ISLANDS, Mindanao: Buoyage.....	58
5034(P)/23	3931, 3932.....	PHILIPPINE ISLANDS, Luzon: Depths; Berth.....	48
505(T)/24	1338, 2109, 3483...	BRUNEI: Scientific instruments.....	48
1267(T)/24	1844.....	BRUNEI: Buoy.....	48
1336(P)/24	1293.....	INDONESIA, Sulawesi: Anchorage areas; Fairway; Maximum authorised draughts.....	59
1369(T)/24	4484, 4487, 4488, 4489.....	PHILIPPINE ISLANDS: Buoyage.....	48,58
1419(T)/24	1949.....	MALAYSIA, Sarawak: Buoy.....	48
1517(P)/24	3558.....	PHILIPPINE ISLANDS, Luzon: Works; Offshore installation.....	48
1616(P)/24	3931, 4491.....	PHILIPPINE ISLANDS, Luzon: Works; Dredging area.....	48
1757(T)/24	1822.....	MALAYSIA, Sarawak: Buoy.....	48
1998(P)/24	4419, 4420, 4494...	PHILIPPINE ISLANDS, Mindanao: Traffic separation schemes.....	58
2017(P)/24	983.....	PHILIPPINE ISLANDS, Luzon: Coastline; Depths; Wrecks; Obstructions; Buoyage; Lights; Pier; Rock; Anchor berths.....	48
2099(T)/24	1822.....	MALAYSIA, Sarawak: Buoy.....	48
2119(T)/24	161, 1336, 3835, 3836.....	MALAYSIA, Sarawak: Buoy.....	47,48
2143(P)/24	933, 1066, 1312, 2056, 2137, 2403, 2470, 2471, 2638, 2794, 2796, 2797, 2862, 2872, 2873, 2877, 2892, 2893, 2894, 2948, 2951, 2957, 3017, 3483, 3484, 3729, 3757, 3758, 3831, 3833, 3947, 3948, 3949, 4030, 4036, 4038, 4039, 4040, 4041, 4042, 4418, 4419, 4420, 4469, 4494, 4495.....	INDONESIA, Java Sea: Submarine cables.....	45,46,48, 58,59,60
2199(T)/24	1748.....	MALAYSIA, Sarawak: Buoy.....	48
2465(P)/24	2391, 3809, 4416, 4479, 4480.....	PHILIPPINE ISLANDS: Submarine cables.....	48,58

IA

17. PHILIPPINE ISLANDS, BORNEO AND INDONESIA EXCEPT SUMATERA (continued)

2488(P)/24	1844, 2134.....	BRUNEI: Works; Buoyage.....	48
2901(P)/24	2639.....	INDONESIA, Kalimantan: Depths; Drying heights; Submarine pipelines; Pilot boarding place; Platform.....	59
3103(T)/24	2791.....	INDONESIA, Banda Sea: Depths.....	60
3508(P)/24	1748, 2100, 3837..	MALAYSIA, Sarawak: Works; Jetty.....	48
3580(P)/24	1852.....	INDONESIA, Kalimantan: Depths; Submarine pipelines; Buoy; Obstruction; Drying heights; Light-beacon.....	59

18. AUSTRALIA AND PAPUA NEW GUINEA

3938(T)/16	Aus 813.....	AUSTRALIA, New South Wales: Obstructions.....	66
3534(P)/17	Aus 821, Aus 824, Aus 825.....	AUSTRALIA, Queensland: Depths.....	66
5441(P)/17	Aus 833, Aus 834....	AUSTRALIA, Queensland: Depths.....	66
5635(T)/17	Aus 808.....	AUSTRALIA, New South Wales: Scientific instruments.....	66
5857(P)/17	Aus 377.....	AUSTRALIA, Queensland: Reefs.....	66
4723(T)/18	4622.....	PAPUA NEW GUINEA: Fish traps.....	67
1191(P)/19	Aus 822.....	AUSTRALIA, Queensland: Depths.....	66
2363(P)/19	PNG 646.....	PAPUA NEW GUINEA: Depths.....	67
2626(T)/19	PNG 643.....	PAPUA NEW GUINEA: Buoy.....	67
3258(P)/19	Aus 821, Aus 824....	AUSTRALIA, Queensland: Depths.....	66
59(T)/20	Aus 55.....	AUSTRALIA, Western Australia: Measuring instrument.....	63
1733(T)/20	4723.....	AUSTRALIA, Western Australia: Works.....	63
2224(P)/20	PNG 554, PNG 680..	PAPUA NEW GUINEA: Depths.....	67
2227(P)/20	PNG 512.....	PAPUA NEW GUINEA: Depths.....	67
3387(T)/20	Aus 143.....	AUSTRALIA, Victoria: Buoy.....	65
3609(T)/20	4601, 4602, Aus 806, Aus 807, Aus 808, Aus 809, Aus 810.....	AUSTRALIA, New South Wales: Obstructions.....	65,66,71
4013(T)/20	Aus 195.....	AUSTRALIA, New South Wales: Restricted area.....	65
5545(T)/20	4622, PNG 386, PNG 521, PNG 522, PNG 523.....	PAPUA NEW GUINEA: Fish traps.....	67
6232(T)/20	Aus 806, Aus 807....	AUSTRALIA, New South Wales: Scientific instruments.....	65
1919(P)/21	Aus 841.....	AUSTRALIA, Queensland: Depths.....	66
1942(T)/21	Aus 839, Aus 841....	AUSTRALIA, Queensland: Wreck.....	66
3310(T)/21	Aus 743.....	AUSTRALIA, Western Australia: Scientific instrument.....	63
4619(T)/21	Aus 813.....	AUSTRALIA, New South Wales: Buoy.....	66
5114(T)/21	Aus 840, Aus 841....	PAPUA NEW GUINEA: Depths.....	66
5378(T)/21	Aus 839.....	AUSTRALIA, Queensland: Scientific instrument.....	66
135(T)/22	Aus 743.....	AUSTRALIA, Western Australia: Scientific instrument.....	63
460(P)/22	Aus 841.....	PAPUA NEW GUINEA: Depths.....	66
1602(T)/22	Aus 143.....	AUSTRALIA, Victoria: Area to be avoided; Buoyage.....	65
2043(P)/22	Aus 357.....	AUSTRALIA, Victoria: Wells; Traffic separation scheme.....	65
3009(T)/22	Aus 814.....	AUSTRALIA, Queensland: Buoy.....	66
3727(P)/22	PNG 519.....	PAPUA NEW GUINEA: Depths.....	67
31(T)/23	Aus 826.....	AUSTRALIA, Queensland: Obstructions.....	66
385(T)/23	4060, 4070, 4071, 4073, 4603, 4708, 4722, 4723, Aus 53, Aus 326, Aus 327.....	AUSTRALIA, Western Australia: Works.....	35,42,63, 64
754(T)/23	Aus 357.....	AUSTRALIA, Victoria: Virtual aids to navigation.....	65
952(T)/23	Aus 813.....	AUSTRALIA, New South Wales: Wreck.....	66
1127(T)/23	Aus 807.....	AUSTRALIA, New South Wales: Wreck.....	65
1131(T)/23	Aus 743.....	AUSTRALIA, Western Australia: Scientific instruments.....	63
1150(T)/23	Aus 827.....	AUSTRALIA, Queensland: Buoyage.....	66
1512(T)/23	Aus 57, Aus 327.....	AUSTRALIA, Western Australia: Scientific instrument.....	63

IA

18. AUSTRALIA AND PAPUA NEW GUINEA (continued)

1777(T)/23	Aus 827, Aus 828.....	AUSTRALIA, Queensland: Buoy.....	66
1782(T)/23	Aus 814.....	AUSTRALIA, Queensland: Wreck.....	66
2050(T)/23	Aus 57, Aus 327.....	AUSTRALIA, Western Australia: Wreck.....	63
2051(T)/23	Aus 143.....	AUSTRALIA, Victoria: Wreck.....	65
2237(T)/23	Aus 819.....	AUSTRALIA, Queensland: Buoy.....	66
3129(T)/23	Aus 808, Aus 809.....	AUSTRALIA, New South Wales: Scientific instruments.....	66
3133(T)/23	Aus 815.....	AUSTRALIA, Queensland: Buoy.....	66
3135(T)/23	Aus 814.....	AUSTRALIA, Queensland: Buoy; Obstruction.....	66
3605(T)/23	Aus 814, Aus 815.....	AUSTRALIA, Queensland: Tidal gauges; Current meters.....	66
3607(T)/23	Aus 143.....	AUSTRALIA, Victoria: Buoyage.....	65
3608(T)/23	Aus 143, Aus 801, Aus 802.....	AUSTRALIA, Victoria: General information.....	65
3613(T)/23	Aus 57.....	AUSTRALIA, Western Australia: Buoy.....	63
3804(T)/23	4723, Aus 743.....	AUSTRALIA, Western Australia: Buoy.....	63
3819(T)/23	Aus 296, Aus 700.....	AUSTRALIA, Queensland: Scientific instruments; Buoyage.....	66
4002(T)/23	4722.....	AUSTRALIA, Western Australia: Works.....	63
4055(T)/23	2473, 4603.....	AUSTRALIA, Northern Territory: Works.....	60,63
4612(T)/23	Aus 293.....	AUSTRALIA, Queensland: Buoy.....	66
116(T)/24	4723, Aus 743.....	AUSTRALIA, Western Australia: Barge; Platforms; Restricted area; Buoyage.....	63
410(T)/24	Aus 377, Aus 840.....	AUSTRALIA, Queensland: Scientific instrument; Buoy.....	66
411(T)/24	Aus 801.....	AUSTRALIA, Victoria: Scientific instrument.....	65
412(T)/24	Aus 327.....	AUSTRALIA, Western Australia: Buoy.....	63
414(P)/24	4603, 4708, 4722, 4723, Aus 327.....	AUSTRALIA, Western Australia: Works; Submarine pipeline.....	63,64
676(T)/24	4723.....	AUSTRALIA, Western Australia: Works; Restricted area.....	63
931(T)/24	Aus 812.....	AUSTRALIA, New South Wales: Scientific instruments.....	66
968(T)/24	Aus 143.....	AUSTRALIA, Victoria: Works.....	65
981(T)/24	Aus 810.....	AUSTRALIA, New South Wales: Scientific instruments.....	66
982(T)/24	Aus 806, Aus 807.....	AUSTRALIA, New South Wales: Scientific instruments.....	65
984(T)/24	Aus 831, Aus 832.....	AUSTRALIA, Queensland: Buoy.....	66
994(T)/24	Aus 357.....	AUSTRALIA, Victoria: Scientific instrument.....	65
1165(T)/24	Aus 806, Aus 807, Aus 808.....	AUSTRALIA, New South Wales: Buoyage.....	65,66
1168(T)/24	Aus 357, Aus 802.....	AUSTRALIA, Victoria: Scientific instruments.....	65
1226(T)/24	Aus 57.....	AUSTRALIA, Western Australia: Restricted area; Works.....	63
1630(T)/24	Aus 195.....	AUSTRALIA, New South Wales: Works.....	65
1635(T)/24	Aus 357.....	AUSTRALIA, Victoria: Scientific instruments.....	65
1851(T)/24	Aus 743.....	AUSTRALIA, Western Australia: Obstruction.....	63
1852(T)/24	Aus 53.....	AUSTRALIA, Western Australia: Light-beacons.....	63
1868(T)/24	4722.....	AUSTRALIA, Western Australia: Scientific instruments.....	63
2045(T)/24	Aus 839.....	AUSTRALIA, Queensland: Scientific instruments.....	66
2046(T)/24	Aus 811.....	AUSTRALIA, New South Wales: Buoy.....	66
2103(T)/24	Aus 53, Aus 326.....	AUSTRALIA, Western Australia: Scientific instruments; Buoyage.....	63
2219(T)/24	4723.....	AUSTRALIA, Western Australia: Works; Restricted area.....	63
2220(T)/24	Aus 57, Aus 327.....	AUSTRALIA, Western Australia: Automatic Identification System; Buoy; Radar beacon.....	63
2228(T)/24	Aus 826.....	AUSTRALIA, Queensland: Light.....	66
2232(T)/24	Aus 357.....	AUSTRALIA, Victoria: Restricted areas.....	65
2586(T)/24	4722, 4723, Aus 327.....	AUSTRALIA, Western Australia: Works; Well; Restricted area.....	63
2883(T)/24	Aus 57, Aus 327.....	AUSTRALIA, Western Australia: Works.....	63
2897(T)/24	Aus 814.....	AUSTRALIA, Queensland: Scientific instruments.....	66
2898(T)/24	Aus 819.....	AUSTRALIA, Queensland: Scientific instruments.....	66
2899(T)/24	4723, Aus 327.....	AUSTRALIA, Western Australia: Works.....	63
3095(T)/24	4723.....	AUSTRALIA, Western Australia: Buoyage.....	63
3109(T)/24	Aus 830.....	AUSTRALIA, Queensland: Light.....	66

IA

18. AUSTRALIA AND PAPUA NEW GUINEA (continued)

3129(T)/24	Aus 357.....	AUSTRALIA, Victoria: Wells.....	65
3438(T)/24	Aus 57, Aus 327.....	AUSTRALIA, Western Australia: Scientific instrument.....	63
3441(T)/24	Aus 327.....	AUSTRALIA, Western Australia: Well; Works.....	63
3442(T)/24	Aus 327.....	AUSTRALIA, Western Australia: Buoy.....	63
3456(T)/24	2473, 2916, 4603...	AUSTRALIA, Northern Territory: Works.....	60,63
3466(P)/24	4601, 4602, 4708, 4709, 4710.....	AUSTRALIA, South Australia: Submarine cable.....	35,64,65, 66,71
3550(P)/24	Aus 811.....	AUSTRALIA, New South Wales: Depths; Drying height.....	66
3611(T)/24	Aus 57, Aus 327.....	AUSTRALIA, Western Australia: Scientific instrument.....	63
3749(T)/24	4708, 4709.....	AUSTRALIA, Western Australia: Scientific instruments.....	64,65

19. NEW ZEALAND

2601(P)/22	NZ 6142.....	NEW ZEALAND, South Island: Dredged depths; Dredged areas.....	71
3261(T)/22	NZ 5612.....	NEW ZEALAND, North Island: Buoy.....	71
87(P)/23	NZ 5215.....	NEW ZEALAND, North Island: Depths; Drying height; Piers; Beacons; Buoyage.....	71
1069(P)/23	NZ 6142.....	NEW ZEALAND, South Island: Rocks.....	71
2727(T)/23	NZ 5125.....	NEW ZEALAND, North Island: General information.....	71
2876(T)/23	NZ 6612.....	NEW ZEALAND, South Island: Light-beacon.....	72
3371(P)/23	NZ 6321.....	NEW ZEALAND, South Island: Works; Jetties; Restricted area.....	72
3523(T)/23	NZ 53, NZ 532, NZ 5324.....	NEW ZEALAND, North Island: Buoy.....	71
4835(P)/23	NZ 6142.....	NEW ZEALAND, South Island: Depths; General information.....	71
550(T)/24	NZ 6153, NZ 6154...	NEW ZEALAND, South Island: Buoy.....	71,72
2493(P)/24	NZ 56.....	NEW ZEALAND, North Island: Precautionary area.....	71
3581(P)/24	NZ 55, NZ 5571.....	NEW ZEALAND, North Island: Obstruction; Rocks.....	71
3621(P)/24	NZ 56.....	NEW ZEALAND, North Island: Depths; Buoy.....	71
3622(P)/24	NZ 6612.....	NEW ZEALAND, South Island: Light-beacons.....	72
3630(P)/24	NZ 5612.....	NEW ZEALAND, North Island: Lights; Depths; Anchorage areas.....	71
3712(T)/24	NZ 6154.....	NEW ZEALAND, South Island: Works; Restricted area.....	71
3717(P)/24	NZ 4633.....	NEW ZEALAND, North Island: Works; Buoyage.....	71

20. PACIFIC OCEAN

679(T)/14	1494, 1570, 1576...	SOUTH PACIFIC OCEAN, Vanuatu: Buoyage.....	68
4785(T)/17	1494.....	SOUTH PACIFIC OCEAN, Vanuatu: Buoy.....	68
935(P)/18	SLB 301, SLB 302...	SOUTH PACIFIC OCEAN, Solomon Islands: Depths.....	68
2427(T)/18	2462.....	SOUTH PACIFIC OCEAN, Nouvelle-Calédonie: Wreck.....	68
4792(T)/18	378.....	SOUTH PACIFIC OCEAN, Fiji Islands: Beacons.....	70
5448(T)/18	1107.....	SOUTH PACIFIC OCEAN, Polynésie Française: Wreck.....	73
5029(P)/19	1107.....	SOUTH PACIFIC OCEAN, Polynésie Française: Outfall; Restricted areas....	73
6384(T)/19	761, 4051, 4052, 4060, 4061, 4062, 4506, 4604, 4605, 4606, 4607, 4615, 4617, 4618, 4619, 4624, 4625, 4626, 4629, 4632, 4653, 4802, 4808, 4811...	NORTH PACIFIC OCEAN: Data buoys.....	57,63,68, 70,73,74, 88,89
1534(P)/20	SLB 102.....	SOUTH PACIFIC OCEAN, Solomon Islands: Depths.....	68
2356(T)/20	763, 4506, 4507, 4604, 4622.....	NORTH PACIFIC OCEAN: Buoyage.....	57,59,67, 68
5433(P)/20	2983.....	SOUTH PACIFIC OCEAN, Tuvalu: Depths; Drying heights.....	70
2221(T)/21	378.....	SOUTH PACIFIC OCEAN, Fiji Islands: Wreck.....	70
2501(P)/21	378.....	SOUTH PACIFIC OCEAN, Fiji Islands: Coastline; Marina; Quarantine anchorage.....	70

IA

20. PACIFIC OCEAN (continued)

1603(P)/22	378, 440, 441, 744, 745, 750, 751, 1674, 2691, 4631, 4632, 4638...	SOUTH PACIFIC OCEAN, Fiji Islands: Submarine cables.....	70
2144(T)/22	1107.....	SOUTH PACIFIC OCEAN, Polynésie Française: Light-beacon; Buoy.....	73
3674(T)/22	WS 312.....	SOUTH PACIFIC OCEAN, Samoa Islands: Buoy.....	70
3702(T)/22	1648, 3237, 4507, 4509, JP 1221.....	NORTH PACIFIC OCEAN: General information.....	53,57,59
4077(P)/22	377, 384.....	SOUTH PACIFIC OCEAN, Fiji Islands: Submarine power cables.....	70
4178(P)/22	2464, 2465.....	SOUTH PACIFIC OCEAN, Nouvelle-Calédonie: Recommended route.....	68
79(T)/23	2347, 2412, 3237, 4507, 4509, 4510, JP 1221.....	NORTH PACIFIC OCEAN: General information.....	53,57,59
515(T)/23	4618, 4811.....	NORTH PACIFIC OCEAN: Buoy.....	88
2668(T)/23	1244.....	SOUTH PACIFIC OCEAN, Fiji Islands: Buoy.....	70
3813(T)/23	SLB 101, SLB 201...	SOUTH PACIFIC OCEAN, Solomon Islands: Wrecks.....	68
4124(P)/23	1382.....	SOUTH PACIFIC OCEAN, Polynésie Française: Depths.....	73
4402(P)/23	1382, 1436, 4654, 4656, 4657.....	SOUTH PACIFIC OCEAN: Submarine cables.....	73
4404(P)/23	2463.....	SOUTH PACIFIC OCEAN, Nouvelle-Calédonie: Depth.....	68
4597(P)/23	SLB 101.....	SOUTH PACIFIC OCEAN, Solomon Islands: Depths.....	68
812(T)/24	1660.....	SOUTH PACIFIC OCEAN, Fiji Islands: Buoy.....	70
866(T)/24	996, 1648, 2347, 4509, 4510, JP 77, JP 93.....	NORTH PACIFIC OCEAN: General information.....	53,57
1084(T)/24	729.....	SOUTH PACIFIC OCEAN, Kiribati: Buoyage; Automatic Identification System.....	70
2585(T)/24	SLB 101.....	SOUTH PACIFIC OCEAN, Solomon Islands: Buoyage.....	68
2596(P)/24	2464, 2465.....	SOUTH PACIFIC OCEAN, Nouvelle-Calédonie: Explosive dumping ground; Restricted area.....	68
3091(T)/24	384, 440, 441, 488, 744, 745, 747, 749, 1660, 1670, 1674, 2691, 4632, 4638.....	SOUTH PACIFIC OCEAN, Fiji Islands: Lights.....	70
3545(T)/24	2412, 4509.....	NORTH PACIFIC OCEAN: General information.....	53,57

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

706(T)/21	588, 591.....	UNITED STATES OF AMERICA, West Coast: Disused submarine cable; Foul.....	89
1375(P)/21	1029, 1049, 2530, 4912.....	UNITED STATES OF AMERICA, West Coast: Works; Submarine cables.....	89
810(P)/23	2530, 4908, 4910, 4912.....	UNITED STATES OF AMERICA, West Coast: Traffic separation scheme; Area to be avoided.....	89
4752(T)/23	3754, 4923, 4928, 4939.....	CANADA, British Columbia: General information.....	91
2060(P)/24	4931.....	CANADA, British Columbia: Submarine cables; Superbuoys; Obstructions...	91
2460(T)/24	3754, 4801, 4810, 4920, 4923, 4975...	CANADA, British Columbia: Restricted area.....	89,90,91, 92
2613(P)/24	50.....	UNITED STATES OF AMERICA, West Coast: Depths; Obstructions; Fouls; Floating docks.....	90

22. WEST COASTS OF CENTRAL AND SOUTH AMERICA

3467(T)/15	3084.....	PERU: Precautionary area.....	98
6453(T)/15	656.....	MEXICO, Pacific Ocean Coast: Light; Buoy.....	89
720(P)/17	1938.....	MEXICO, Pacific Ocean Coast: Works.....	89
2263(T)/18	1938.....	MEXICO, Pacific Ocean Coast: Buoy; Radar beacon.....	89
2630(P)/19	1938.....	MEXICO, Pacific Ocean Coast: Wreck.....	89

IA

22. WEST COASTS OF CENTRAL AND SOUTH AMERICA (continued)

4504(T)/19	3089.....	PERU: Buoyage.....	98
1303(T)/20	3087.....	PERU: Buoy.....	98
1792(T)/20	3090.....	PERU: Buoy.....	98
6272(T)/20	2319.....	COLOMBIA, Pacific Ocean Coast: Wreck.....	98
2324(T)/22	1853.....	PERU: Buoy.....	98
3852(T)/22	2319.....	COLOMBIA, Pacific Ocean Coast: Buoy.....	98
4097(T)/22	1853.....	PERU: Buoy.....	98
4224(T)/22	1105.....	MEXICO, Pacific Ocean Coast: Buoy.....	89
4288(T)/22	512.....	ECUADOR: Bridge.....	98
4327(T)/22	1853.....	PERU: Area to be avoided.....	98
4944(T)/22	4051, 4062, 4608...	PERU: Buoyage.....	88
2821(T)/23	1105.....	MEXICO, Pacific Ocean Coast: Buoy.....	89
3307(T)/23	1105.....	MEXICO, Pacific Ocean Coast: Buoy.....	89
3543(T)/23	1853.....	PERU: Buoy.....	98
4033(T)/23	3089.....	PERU: Buoy.....	98
4153(T)/23	2319.....	COLOMBIA, Pacific Ocean Coast: Virtual aid to navigation.....	98
4470(P)/23	5504, CP 5.....	PANAMA, Pacific Ocean Coast: Anchor berths; Anchorage areas.....	88
2015(P)/24	1969.....	NICARAGUA, Pacific Ocean Coast: Buoy.....	89
2152(P)/24	2799.....	ECUADOR: Marine Reserve; Lights; Anchorage areas.....	98
2877(P)/24	2258, 4811.....	COLOMBIA, Pacific Ocean Coast: Marine Reserve.....	88
2934(T)/24	4272, 4274.....	CHILE, Northern Coasts: Automatic Identification Systems.....	98
3444(T)/24	1692, 1693.....	CHILE, Estrecho de Magallanes: Anchorage areas; Scientific instruments.....	97
3464(T)/24	376, 662, 1017, 1023, 1024, 1026, 1027, 1049, 1307, 2626, 2833, 3768...	MEXICO, Pacific Ocean Coast: Firing practice areas.....	83,85,89
3500(T)/24	1853.....	PERU: Buoy.....	98
3642(T)/24	3087.....	PERU: Superbuoy.....	98

23. ANTARCTICA

4399(P)/14	1776.....	ANTARCTICA: Coastline; Rocks; Depths.....	97
239(P)/22	1775, 1779.....	ANTARCTICA: Depths.....	97
2604(T)/24	4065, 4074.....	SOUTHERN OCEAN: Scientific instrument.....	65,71

24. EAST COAST OF SOUTH AMERICA AND THE FALKLAND ISLANDS

884(T)/16	2506.....	SOUTH ATLANTIC OCEAN, Falkland Islands: Light-beacon; Leading line.....	96
1015(T)/17	545.....	BRAZIL, East Coast: Works; Buoyage.....	95
1268(T)/18	3561.....	URUGUAY: Depths.....	95
3655(P)/18	329, 330, 331, 520, 2204, 3959....	BRAZIL, North Coast: Lights; Radar beacon; Automatic Identification Systems; Buoyage; Virtual aids to navigation.....	95
4956(P)/18	566.....	BRAZIL, South Coast: Obstructions.....	95
2025(T)/19	2189.....	BRAZIL, East Coast: Wreck.....	95
2578(P)/19	566.....	BRAZIL, South Coast: Wreck.....	95
2582(P)/19	495.....	BRAZIL, East Coast: Obstructions.....	95
4952(T)/19	2012, 3984.....	BRAZIL, South Coast: Buoy.....	95
72(P)/20	2189.....	BRAZIL, East Coast: Depths.....	95
1232(P)/20	540, 545.....	BRAZIL, East Coast: Virtual aids to navigation.....	95
3079(T)/20	540, 545.....	BRAZIL, East Coast: Buoy.....	95
360(P)/21	541.....	BRAZIL, North Coast: Depths.....	95
3186(P)/21	331.....	BRAZIL, North Coast: Wreck.....	95
4308(P)/21	566.....	BRAZIL, South Coast: Depth.....	95
4668(P)/21	331.....	BRAZIL, North Coast: Depths.....	95
4847(T)/21	3974.....	BRAZIL, East Coast: Wreck.....	95
930(P)/22	566.....	BRAZIL, South Coast: Depths.....	95
934(P)/22	555.....	BRAZIL, South Coast: Automatic Identification Systems; Virtual aids to navigation.....	95
1051(T)/22	2001.....	URUGUAY: Buoyage; Works.....	95

IA

24. EAST COAST OF SOUTH AMERICA AND THE FALKLAND ISLANDS (continued)

1116(P)/22	529, 530, 3971, 3972.....	BRAZIL, South Coast: Buoyage; Superbuoy.....	95
1200(P)/22	582.....	BRAZIL, South Coast: Dredged areas; Buoyage; Lights; Depths; Fouls; Obstructions; Rocks; Submarine cable.....	95
1246(T)/22	534.....	ARGENTINA: Buoy.....	96
1699(P)/22	541.....	BRAZIL, North Coast: Depth.....	95
2219(T)/22	2002, 2012.....	BRAZIL, South Coast: Buoy.....	95
3744(P)/22	526.....	BRAZIL, North Coast: Buoy.....	95
4328(P)/22	541.....	BRAZIL, North Coast: Depths.....	95
1379(P)/23	540, 545.....	BRAZIL, East Coast: Depth.....	95
1596(P)/23	3983.....	BRAZIL, South Coast: Buoy.....	95
1970(P)/23	566.....	BRAZIL, South Coast: Obstruction.....	95
2749(P)/23	526.....	BRAZIL, North Coast: Depth.....	95
3304(P)/23	566.....	BRAZIL, South Coast: Obstruction.....	95
3374(T)/23	2001.....	URUGUAY: Mooring buoys.....	95
3419(P)/23	587.....	BRAZIL, South Coast: Obstructions.....	95
3421(P)/23	530, 4201.....	BRAZIL, South Coast: Buoyage.....	95
3423(T)/23	587.....	BRAZIL, South Coast: Buoyage.....	95
3424(P)/23	29.....	BRAZIL, South Coast: Foul.....	95
3426(P)/23	329, 330, 331, 3959.....	BRAZIL, North Coast: Depths; Obstructions.....	95
3428(P)/23	331.....	BRAZIL, North Coast: Depths.....	95
3561(P)/23	555.....	BRAZIL, South Coast: Depths.....	95
3768(P)/23	564, 566.....	BRAZIL, South Coast: Depths.....	95
3789(P)/23	556, 3064, 3703....	URUGUAY: Submarine cable.....	95
4217(P)/23	961.....	BRAZIL, East Coast: Depths; Obstructions.....	95
4531(P)/23	553, 3970, 3971....	BRAZIL, South Coast: Depths.....	95
4599(P)/23	3982.....	BRAZIL, South Coast: Depths.....	95
4602(P)/23	3972.....	BRAZIL, East Coast: Fouls.....	95
4984(P)/23	547.....	BRAZIL, South Coast: Depths.....	95
225(P)/24	29.....	BRAZIL, South Coast: Depths.....	95
428(T)/24	2514, 2547.....	SOUTH ATLANTIC OCEAN, Falkland Islands: Scientific instruments.....	96
956(P)/24	2189.....	BRAZIL, East Coast: Depths.....	95
1189(P)/24	1749, 3561.....	URUGUAY: Wreck; Buoy.....	95
1191(P)/24	1749.....	URUGUAY: Wreck.....	95
1203(P)/24	1749, 2001.....	URUGUAY: Wreck; Buoy.....	95
1217(T)/24	496, 529, 3972.....	BRAZIL, East Coast: Buoy.....	95
1454(P)/24	960.....	BRAZIL, East Coast: Depths.....	95
1683(T)/24	539, 558, 1614, 2505, 2507, 2508, 2512, 2517, 2518, 2519, 2520, 2536, 2547, 2550, 2560...	SOUTH ATLANTIC OCEAN, Falkland Islands: Lights.....	96
2043(P)/24	543, 3958.....	BRAZIL, North Coast: Depths.....	95
2058(P)/24	566.....	BRAZIL, South Coast: Obstruction.....	95
2209(P)/24	566.....	BRAZIL, South Coast: Depths.....	95
2287(P)/24	2189.....	BRAZIL, East Coast: Drying height; Depths.....	95
2467(P)/24	329, 3959.....	BRAZIL, North Coast: Wreck.....	95
2468(P)/24	431, 432.....	BRAZIL, South Coast: Depths.....	95
2661(P)/24	551.....	BRAZIL, East Coast: Depths.....	95
2723(T)/24	598, 599, 3972.....	BRAZIL, East Coast: Light.....	95
2748(T)/24	598.....	BRAZIL, East Coast: Lights.....	95
2763(P)/24	3006, 3335.....	ARGENTINA: Submarine pipeline.....	96,97
2786(P)/24	555.....	BRAZIL, South Coast: Depths.....	95
2790(P)/24	550, 3971.....	BRAZIL, South Coast: Depth.....	95
2791(P)/24	495.....	BRAZIL, East Coast: Depths.....	95
2923(P)/24	960.....	BRAZIL, East Coast: Depths.....	95

IA

24. EAST COAST OF SOUTH AMERICA AND THE FALKLAND ISLANDS (continued)

3119(P)/24	2189.....	BRAZIL, East Coast: Anchorage areas; Depths.....	95
3250(T)/24	529, 4104, 4115, 4202, 4203, 4209, 4215, 4216, 4510, 4806, 4810.....	SOUTH ATLANTIC OCEAN: Buoyage.....	19,20,34, 35,53,87, 89,92,95
3326(T)/24	2002.....	BRAZIL, South Coast: Less water.....	95
3424(P)/24	547.....	BRAZIL, South Coast: Depth.....	95
3440(P)/24	191, 3980.....	BRAZIL, South Coast: Foul.....	95
3459(T)/24	3955.....	BRAZIL, North Coast: Wreck.....	95
3477(P)/24	331.....	BRAZIL, North Coast: Depths.....	95
3492(T)/24	517, 520.....	BRAZIL, North Coast: Wreck.....	87,95
3493(T)/24	530, 3970, 3980....	BRAZIL, South Coast: Buoy.....	95
3494(P)/24	504.....	BRAZIL, East Coast: Danger area; Depth.....	95
3519(P)/24	551.....	BRAZIL, East Coast: Depths.....	95
3609(P)/24	541.....	BRAZIL, North Coast: Depths; Drying heights.....	95
3633(P)/24	579, 587.....	BRAZIL, South Coast: Depths.....	95
3637(P)/24	2189, 3959, 3962...	BRAZIL, East Coast: Depths.....	95
3639(P)/24	2189.....	BRAZIL, East Coast: Depth.....	95
3640(P)/24	598.....	BRAZIL, East Coast: Depths.....	95
3736(P)/24	431.....	BRAZIL, South Coast: Marine Reserves; Depths.....	95

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

2586(T)/16	376, 1307.....	MEXICO, Gulf of Mexico: Buoy.....	83
4258(P)/16	467.....	DOMINICAN REPUBLIC: Buoyage.....	86
4292(P)/16	467.....	DOMINICAN REPUBLIC: Buoyage.....	86
4666(T)/16	2866, 3910.....	WEST INDIES, Bahamas: Lights.....	83
6211(P)/16	465, 466, 3907, 3935.....	HAITI: Depths; Coastline; Lights; Wrecks; Obstructions.....	86
3276(T)/17	2766.....	SURINAME: Obstruction; Light.....	87
1763(T)/18	794.....	WEST INDIES, Windward Islands: Buoy.....	87
4628(T)/18	3768.....	MEXICO, Gulf of Mexico: Buoy.....	83
4917(T)/18	474.....	WEST INDIES, Trinidad and Tobago: Wreck.....	87
5983(T)/18	1307, 2626.....	MEXICO, Gulf of Campeche: Platform.....	83
659(P)/19	230, 2191.....	VENEZUELA: Superbuoy; Submarine pipeline.....	87
949(T)/19	501, 517, 1044, 1045.....	WEST INDIES, Trinidad and Tobago: Platform; Light.....	87
972(T)/19	475.....	WEST INDIES, Trinidad and Tobago: Platforms.....	87
1399(T)/19	257, 258, 454, 458, 459, 464.....	WEST INDIES, Jamaica: Anchorage areas; Anchor berths; Berths; Moorings; Piers; Reported anchorages.....	86
1895(T)/19	1044, 1045.....	WEST INDIES, Trinidad and Tobago: Buoyage.....	87
2745(T)/19	364, 365, 376, 3768.....	MEXICO, Gulf of Mexico: Obstructions.....	83
3392(T)/19	2753.....	MEXICO, Gulf of Mexico: Buoy.....	83
3634(P)/19	2019, 2020.....	WEST INDIES, Virgin Islands: Depths.....	86
3977(T)/19	662.....	MEXICO, Caribbean Sea Coast: Fish havens.....	85
4086(T)/19	1629.....	VENEZUELA: Buoy.....	87
4250(T)/19	3190.....	UNITED STATES OF AMERICA, Gulf of Mexico: Vertical clearance; Works.....	83
4909(T)/19	1966, 2191.....	VENEZUELA: Buoy.....	87
5444(P)/19	359, 1307, 2626....	MEXICO, Gulf of Campeche: Works; Depths.....	83
207(T)/20	2751.....	MEXICO, Gulf of Mexico: Buoy.....	83
411(T)/20	474.....	WEST INDIES, Trinidad and Tobago: Buoy.....	87
630(P)/20	487, 489, 583, 1025, 2016.....	WEST INDIES, Leeward Islands: Lights.....	86
969(P)/20	2005, 2006, 2016, 2019, 2020.....	WEST INDIES, Virgin Islands: Depths.....	86
1055(T)/20	2988.....	HONDURAS: Buoy.....	85
1079(P)/20	2005, 2019.....	WEST INDIES, Virgin Islands: Wrecks; Marine Reserves.....	86

IA

25. CARIBBEAN SEA, WEST INDIES AND THE GULF OF MEXICO (continued)

1111(T)/20	2079.....	WEST INDIES, Leeward Islands: Works.....	86
1186(T)/20	474.....	WEST INDIES, Trinidad and Tobago: Buoyage.....	87
1818(T)/20	2626.....	MEXICO, Gulf of Campeche: Buoy.....	83
2058(P)/20	487, 489, 583.....	WEST INDIES, Leeward Islands: Marine Reserves; Restricted area.....	86
2211(T)/20	502.....	WEST INDIES, Windward Islands: Buoy.....	87
3238(T)/20	1628.....	VENEZUELA: Buoy.....	87
3403(P)/20	365.....	MEXICO, Gulf of Mexico: Works.....	83
4268(P)/20	583, 1025, 2016, 2600.....	WEST INDIES, Leeward Islands: Depth.....	86
4952(T)/20	618.....	WEST INDIES, Leeward Islands: Buoyage; Dredging area.....	87
4958(T)/20	2626.....	MEXICO, Gulf of Campeche: Buoy.....	83
219(T)/21	2751.....	MEXICO, Gulf of Mexico: Obstruction.....	83
234(P)/21	477.....	WEST INDIES, Trinidad and Tobago: Works; Submarine pipeline.....	87
612(T)/21	2434.....	COLOMBIA, Caribbean Sea Coast: Anchorage area; Depths.....	88
1077(T)/21	474.....	WEST INDIES, Trinidad and Tobago: Works; Wrecks.....	87
1474(T)/21	375.....	MEXICO, Gulf of Mexico: Buoy.....	83
1646(P)/21	467.....	DOMINICAN REPUBLIC: Port development; Depths.....	86
1783(T)/21	596, 597, 791.....	WEST INDIES, Windward Islands: Restricted area.....	87
3430(P)/21	2079.....	WEST INDIES, Leeward Islands: Wrecks; Obstructions; Depths.....	86
3562(T)/21	2988.....	HONDURAS: Buoy.....	85
3579(T)/21	583, 1025, 2016, 2600.....	WEST INDIES, Leeward Islands: Wreck.....	86
3926(T)/21	461.....	WEST INDIES, Bahamas: Light-beacon.....	83
3976(P)/21	697.....	WEST INDIES, Windward Islands: Depths.....	87
4037(T)/21	527, 572.....	GUYANA: Buoyage.....	87
4062(P)/21	500, 1044.....	WEST INDIES, Trinidad and Tobago: Submarine cable.....	87
4145(P)/21	517, 572.....	GUYANA: Submarine cable; Works.....	87
4253(T)/21	376, 2753.....	MEXICO, Gulf of Mexico: Buoy; Radar beacon.....	83
4897(T)/21	2626.....	MEXICO, Gulf of Campeche: Buoyage.....	83
4899(T)/21	2753.....	MEXICO, Gulf of Mexico: Buoyage.....	83
5164(T)/21	1307, 2626.....	MEXICO, Gulf of Campeche: Anchorage area.....	83
379(P)/22	2194.....	COLOMBIA, Caribbean Sea Coast: Restricted area.....	87
1061(P)/22	463.....	DOMINICAN REPUBLIC: Works; Port developments; Dredging area; Pier..	86
1258(T)/22	390, 398, 3910.....	WEST INDIES, Bahamas: Buoy.....	83
1534(T)/22	2261.....	COLOMBIA, Caribbean Sea Coast: Virtual aid to navigation.....	88
2153(T)/22	375.....	MEXICO, Gulf of Mexico: Buoy.....	83
2220(T)/22	2751.....	MEXICO, Gulf of Mexico: Buoy.....	83
2531(T)/22	477, 500, 1044.....	WEST INDIES, Trinidad and Tobago: Buoy.....	87
2737(T)/22	477, 500, 1044.....	WEST INDIES, Trinidad and Tobago: Buoy.....	87
3251(P)/22	462.....	WEST INDIES, Cayman Islands: Depths; Drying height.....	83
3631(T)/22	2764, 2765.....	SURINAME: Buoy; Wreck.....	87
3656(T)/22	2753.....	MEXICO, Gulf of Mexico: Buoy.....	83
4217(T)/22	481, 483.....	WEST INDIES, Trinidad and Tobago: Buoy.....	87
4767(T)/22	474, 483.....	WEST INDIES, Trinidad and Tobago: Buoy.....	87
4882(T)/22	2626.....	MEXICO, Gulf of Campeche: Buoy; Wreck.....	83
485(P)/23	467, 471, 3001.....	DOMINICAN REPUBLIC: Submarine cable.....	86
490(P)/23	527, 537, 2687.....	GUYANA: Works; Restricted area; General information; Quarantine anchorage.....	87
755(T)/23	375.....	MEXICO, Gulf of Mexico: Buoy.....	83
1114(P)/23	363, 364, 376, 3768.....	MEXICO, Gulf of Mexico: Foul.....	83
1445(T)/23	2190.....	VENEZUELA: Buoy.....	87

IA

25. CARIBBEAN SEA, WEST INDIES AND THE GULF OF MEXICO (continued)

1822(P)/23	396, 1220, 1276, 1400, 1929, 2257, 2258, 2833, 2943, 2996, 3092, 3853, 4401, 4402, 4608, 4811.....	CARIBBEAN SEA: Submarine cable; Works.....	83,86,88, 98
1905(T)/23	368.....	WEST INDIES, Windward Islands: Obstruction.....	87
1992(P)/23	3188.....	UNITED STATES OF AMERICA, Gulf of Mexico: Depths; Obstructions; Dredged depths; Wreck.....	83
2071(P)/23	1025, 1042.....	WEST INDIES, Leeward Islands: Marine Reserve.....	86,87
2094(P)/23	3188.....	UNITED STATES OF AMERICA, Gulf of Mexico: Dredged depths; Obstructions; Depths; Channel limits.....	83
2146(P)/23	3187.....	UNITED STATES OF AMERICA, Gulf of Mexico: Obstructions; Depths; Dredged depths; Dolphins; Dredged area; Leading line.....	83
2152(P)/23	3187, 3188.....	UNITED STATES OF AMERICA, Gulf of Mexico: Depths; Dredged depths; Dredged area; Obstructions; Dolphins; Coastline; Pier.....	83
2345(T)/23	2765.....	SURINAME: Wreck; Buoy.....	87
2572(T)/23	472, 3001.....	DOMINICAN REPUBLIC: Light.....	86
3141(T)/23	494.....	WEST INDIES, Windward Islands: Beacon.....	87
3241(T)/23	2261.....	COLOMBIA, Caribbean Sea Coast: Virtual aids to navigation.....	88
3357(P)/23	2765.....	SURINAME: Depths.....	87
3388(T)/23	519, 527, 537, 572, 2687.....	GUYANA: Dredging area; Works.....	87
3534(T)/23	368.....	WEST INDIES, Windward Islands: Pipe; Buoy.....	87
3799(T)/23	474.....	WEST INDIES, Trinidad and Tobago: Buoyage.....	87
3826(T)/23	368.....	WEST INDIES, Windward Islands: Wreck.....	87
4056(T)/23	494.....	WEST INDIES, Windward Islands: Buoy.....	87
4268(T)/23	2626.....	MEXICO, Gulf of Campeche: Wreck.....	83
4581(P)/23	1797.....	BELIZE: Depths.....	85
4958(T)/23	618, 804.....	WEST INDIES, Leeward Islands: Wreck.....	87
4978(T)/23	1276.....	COLOMBIA, Caribbean Sea Coast: Buoy.....	88
559(P)/24	519.....	GUYANA: Works; Bridge; Transits.....	87
574(P)/24	527, 537, 572, 2687.....	GUYANA: Submarine cable.....	87
1225(T)/24	2764.....	SURINAME: Works; Restricted area.....	87
1301(T)/24	475, 483.....	WEST INDIES, Trinidad and Tobago: Buoy.....	87
1326(P)/24	519, 527.....	GUYANA: Beacons; Works.....	87
1359(T)/24	481, 483.....	WEST INDIES, Trinidad and Tobago: Buoy.....	87
1431(T)/24	1966, 2191, 2192, 4400, 4402.....	VENEZUELA: Light.....	86,87
1435(P)/24	517, 527, 572, 2687, 2764.....	GUYANA: Submarine cable.....	87
1498(T)/24	368.....	WEST INDIES, Windward Islands: Wreck.....	87
1500(T)/24	494.....	WEST INDIES, Windward Islands: Wreck.....	87
1620(T)/24	368.....	WEST INDIES, Windward Islands: Wreck.....	87
1652(T)/24	483.....	WEST INDIES, Trinidad and Tobago: Buoyage.....	87
1653(T)/24	477, 500, 1044.....	WEST INDIES, Trinidad and Tobago: Buoyage.....	87
1712(T)/24	1629.....	VENEZUELA: Buoy.....	87
1762(T)/24	368.....	WEST INDIES, Windward Islands: Wreck.....	87
1975(T)/24	368.....	WEST INDIES, Windward Islands: Wreck.....	87
2009(T)/24	2764, 2766.....	SURINAME: Wreck; Light.....	87
2014(T)/24	2267.....	COLOMBIA, Caribbean Sea Coast: Anchorage area; Foul.....	88
2027(P)/24	3184.....	UNITED STATES OF AMERICA, Gulf of Mexico: Dredged depths; Alongside depths.....	83
2114(T)/24	519, 527, 537, 572, 2687.....	GUYANA: Restricted area; Buoyage.....	87
2317(P)/24	517, 527, 572, 2687, 2764.....	GUYANA: Submarine pipeline; Works.....	87

IA

25. CARIBBEAN SEA, WEST INDIES AND THE GULF OF MEXICO (continued)

2487(T)/24	368.....	WEST INDIES, Windward Islands: Wreck.....	87
2670(P)/24	CP 1.....	PANAMA, Panama Canal: Anchorage areas; Depths; Buoyage; Leading line.....	88
2690(P)/24	CP 2.....	PANAMA, Panama Canal: Depth; Anchorage areas; Buoyage; Wrecks.....	88
2711(P)/24	359.....	MEXICO, Gulf of Mexico: Depths.....	83
2866(T)/24	804.....	WEST INDIES, Leeward Islands: Wreck.....	87
3463(T)/24	1520, 2194.....	VENEZUELA: Buoy.....	87
3722(P)/24	1307.....	MEXICO, Gulf of Mexico: Pier; Berth.....	83
3723(T)/24	794.....	WEST INDIES, Windward Islands: Wreck.....	87
3730(P)/24	1520, 1521.....	VENEZUELA: Pilot boarding places.....	87

26. EAST COAST OF NORTH AMERICA AND GREENLAND

2681(P)/16	2490, 4746.....	UNITED STATES OF AMERICA, East Coast: Maritime limit.....	80,81
2682(P)/16	2865, 3691.....	UNITED STATES OF AMERICA, East Coast: Maritime limit.....	81
1397(T)/17	2483.....	UNITED STATES OF AMERICA, East Coast: Buoyage.....	81
1417(T)/17	2732.....	UNITED STATES OF AMERICA, East Coast: Buoyage.....	81
444(P)/20	2755, 2860.....	UNITED STATES OF AMERICA, East Coast: Submarine cable.....	81
3883(P)/20	2919.....	UNITED STATES OF AMERICA, East Coast: Submarine cable.....	81
3800(T)/22	4786.....	CANADA, Saint Lawrence River: Lights.....	79
397(P)/23	2808.....	UNITED STATES OF AMERICA, East Coast: Channel limits; Depth information; Dredged areas; Dredged depths; Legends; Wreck.....	81
812(P)/23	2863, 2996, 3853, 4401.....	UNITED STATES OF AMERICA, East Coast: Restricted area.....	83
899(P)/23	2865, 2866, 3852, 3853.....	UNITED STATES OF AMERICA, East Coast: Restricted areas.....	81,83
1386(T)/23	2666, 4011, 4013, 4404.....	CANADA, Newfoundland and Labrador: Buoy.....	19,78,82
1750(T)/23	4766, 4768.....	CANADA, Gulf of Saint Lawrence: Marine farms; Buoyage.....	79
4012(T)/23	4792.....	CANADA, Saint Lawrence River: Mooring.....	79
4554(T)/23	2813.....	UNITED STATES OF AMERICA, East Coast: Works; Beacons.....	81
4603(P)/23	4746, 4945, 4947, 4950, 4951, 4952, 4953, 4954, 4955, 4960.....	CANADA: Automatic Identification Systems.....	80,90
1511(P)/24	2829, 2919.....	UNITED STATES OF AMERICA, East Coast: Buoyage; Channel; Works.....	81
1764(P)/24	2809.....	UNITED STATES OF AMERICA, East Coast: Channel limits; Depth information.....	81
1920(P)/24	2732.....	UNITED STATES OF AMERICA, East Coast: Coastline; Piers.....	81
2029(T)/24	4789.....	CANADA, Saint Lawrence River: Depths.....	79
2139(T)/24	4775, 4778.....	CANADA, Saint Lawrence River: Obstructions.....	79
2295(T)/24	4778.....	CANADA, Saint Lawrence River: Works; Quays.....	79
2947(P)/24	2850.....	UNITED STATES OF AMERICA, East Coast: Bridge; Channels.....	81
3105(T)/24	4779, 4782.....	CANADA, Saint Lawrence River: Restricted areas.....	79
3108(T)/24	4777, 4779, 4782...	CANADA, Saint Lawrence River: Restricted areas; Area to be avoided.....	79
3225(P)/24	2850.....	UNITED STATES OF AMERICA, East Coast: Obstructions; Wreck; Dolphins; Piles.....	81
3654(T)/24	2666, 4011, 4013, 4404, 4763, 4764, 4765, 4766, 4767, 4768, 4774.....	CANADA, Gulf of Saint Lawrence: Restricted areas; General information....	19,78,79, 82
3734(P)/24	2456, 2492, 2670, 2710, 2730, 2755, 2860, 2890, 2919...	UNITED STATES OF AMERICA, East Coast: Works; Wind farm; Submarine power cables; Restricted areas.....	81

Source: UKHO

II

GEOGRAPHICAL INDEX

(1)	Miscellaneous	
(2)	British Isles	2.5 – 2.10
(3)	North Russia, Norway, The Færoe Islands and Iceland	
(4)	Baltic Sea and Approaches	2.10 – 2.14
(5)	North Sea and North and West Coasts of Denmark, Germany, Netherlands and Belgium	2.14 – 2.17
(6)	France and Spain, North and West Coasts, and Portugal	2.17
(7)	North Atlantic Ocean	2.17
(8)	Mediterranean and Black Seas	2.18
(9)	Africa, West Coast and South Atlantic	
(10)	Africa, South and East Coasts, and Madagascar	
(11)	Red Sea, Arabia, Iraq and Iran	
(12)	Indian Ocean, Pakistan, India, Sri Lanka, Bangladesh and Burma	
(13)	Malacca Strait, Singapore Strait and Sumatera	2.18
(14)	China Sea with its West Shore and China	2.18 – 2.20
(15)	Japan	2.20
(16)	Korea and the Pacific Coasts of Russia	2.20
(17)	Philippine Islands, Borneo and Indonesia except Sumatera	2.21 – 2.24
(18)	Australia and Papua New Guinea	
(19)	New Zealand	
(20)	Pacific Ocean	
(21)	Aleutian Islands, Alaska and West Coast of North America including Mexico	2.24
(22)	West Coasts of Central and South America	2.25
(23)	Antarctica	
(24)	East Coast of South America and The Falkland Islands	2.25
(25)	Caribbean Sea, West Indies and the Gulf of Mexico	
(26)	East Coast of North America and Greenland	2.25 – 2.26
(27)	T & P Notices	2.26 – 2.35

II

INDEX OF NOTICES AND CHART FOLIOS

Notice No.	Page	Admiralty Chart Folio	Notice No.	Page	Admiralty Chart Folio
3672	2.5	2, 3	3729(T)/24	2.32	52
3673(T)/24	2.27	18	3730(P)/24	2.35	87
3674	2.14	6, 13	3731	2.24	59, 60
3675*	2.6	2, 7	3732	2.13	10
3676(T)/24	2.27	9	3733	2.26	81
3677	2.10	11	3734(P)/24	2.35	81
3678(T)/24	2.26	10	3735(T)/24	2.26	11
3679	2.21	59, 60	3736(P)/24	2.34	95
3680*	2.6	1, 2	3737	2.16	6, 13
3681*	2.7	6	3738	2.18	24, 28
3682*	2.7	6	3739	2.20	54
3683(T)/24	2.26	14	3740(T)/24	2.31	53
3684	2.17	16	3741(T)/24	2.31	53
3685*	2.7	2, 7	3742(T)/24	2.31	53
3686(T)/24	2.29	34	3743(T)/24	2.31	53
3687(T)/24	2.30	52, 53	3744(T)/24	2.32	53, 54
3688	2.10	10	3745	2.20	50
3689(T)/24	2.30	47	3746(T)/24	2.27	9
3690*	2.15	9	3747	2.13	10
3691*	2.11	10	3748(P)/24	2.29	20
3692*	2.15	9	3749(T)/24	2.33	64, 65
3693	2.11	11	3750*	2.18	45
3694*	2.8	2, 7	3751*	2.10	2
3695	2.25	79	3752(P)/24	2.30	45
3696	2.24	58	3753*	2.16	9
3697	2.24	89	3754	2.13	10
3698(P)/24	2.27	18	3755(T)/24	2.30	45
3699	2.25	78	3756	2.14	11
3700*	2.15	9	3757	2.14	10
3701(T)/24	2.29	34	3758	2.14	10
3702	2.12	9, 10	3759	2.17	9
3703*	2.9	1, 2	3760	2.24	89
3704(T)/24	2.28	18			
3705	2.20	52			
3706	2.25	83			
3707	2.18	47			
3708(T)/24	2.28	18			
3709*	2.9	2, 7			
3710*	2.10	4			
3711(T)/24	2.32	52			
3712(T)/24	2.33	71			
3713	2.12	10			
3714	2.19	52			
3715	2.20	52			
3716	2.17	19, 20, 35			
3717(P)/24	2.33	71			
3718*	2.16	6, 13			
3719	2.24	48			
3720	2.25	97			
3721*	2.10	3			
3722(P)/24	2.34	83			
3723(T)/24	2.35	87			
3724	2.25	95			
3725	2.12	10			
3726	2.26	81			
3727	2.13	10			
3728(P)/24	2.29	40			

II

INDEX OF CHARTS AFFECTED

Admiralty Chart No.	Notices	Admiralty Chart No.	Notices
34	3703	2252	3693
83	3704T	2356	3684
93	3708T	2412	3687T
104	3675, 3709	2453	3725
107	3675, 3709	2456	3734P
108	3685	2471	3679
114	3746T, 3759	2492	3734P
122	3676T	2532	3688
130	3676T	2670	3734P
180	3738	2683	3683T
219	3682	2710	3734P
292	3674, 3737	2730	3734P
295	3718	2755	3734P
306	3701T	2790	3710
307	3701T	2794	3679
366	3716	2795	3679, 3731
431	3736P	2796	3679
723	3714	2842	3713
794	3723T	2859	3747
839	3758	2860	3734P
858	3757	2861	3726
863	3748P	2890	3734P
876	3678T	2892	3731
877	3678T	2893	3731
887	3754	2919	3734P
892	3702	2952	3696
893	3693	3015	3679
896	3715	3017	3679
897	3760	3029	3679
898	3715	3135	3716
900	3727	3224	3698P
976	3677, 3756	3270	3681
1008	3711T	3271	3681
1010	3735T	3365	3729T
1036	3689T	3390	3705
1066	3679	3391	3705
1086	3738	3480	3687T, 3729T
1130	3745	3490	3721
1183	3694	3635	3673T
1190	3685, 3709	3686	3733
1200	3685	3698	3706
1201	3714	3736	3728P
1233	3682	3831	3755T
1239	3682	3833	3755T
1253	3714	3929	3729T
1307	3722P	3992	3707
1329	3724	4012	3716
1373	3720	4014	3716
1383	3686T	4021	3716
1402	3702	4032	3750
1405	3674	4037	3752P
1415	3672	4039	3750
1427	3718	4040	3750
1428	3718	4041	3755T
1439	3738	4043	3755T
1447	3672	4215	3716
1520	3730P	4302	3738
1521	3730P	4708	3749T
1728	3707	4709	3749T
1859	3751	4731	3699
1949	3719	4765	3695
1975	3694	4910	3697
2037	3680	5600_13	3680
2045	3680	5600_17	3680
2052	3694	5600_3	3680
2107	3702	5603_8	3703
2182C	3674, 3737	5603_9	3703
2182D	3737	5607_2	3694
2215	3732	5607_4	3694

II

INDEX OF CHARTS AFFECTED

Admiralty Chart No.	Notices	International Chart No.	Notices
5614_11	3685	INT 1378	3702
5614_13	3685	INT 1400	3674
5614_14	3675, 3709	INT 1401	3718
5614_15	3675, 3709	INT 1402	3718
5614_21	3709	INT 1412	3690
5614_8	3685	INT 1413	3690
5614_9	3685	INT 1423	3676T
5621_10	3672	INT 1424	3753
5621_12	3672	INT 1457	3700
		INT 1458	3700
German Chart No.	Notices	INT 1460	3753
		INT 1472	3676T
		INT 1476	3746T, 3759
DE 4	3700	INT 1500	3682
DE 5	3700	INT 1508	3685, 3709
DE 7	3753	INT 1556	3685
DE 20	3753	INT 1560	3694
DE 30	3691	INT 1561	3694
DE 50	3692	INT 1566	3675, 3709
DE 87	3690	INT 1643	3721
DE 103	3690	INT 1655	3751
		INT 1663	3672
Japanese Chart No.	Notices	INT 1731	3680
		INT 1775	3754
		INT 1786	3677, 3756
JP 101A	3739	INT 1882	3698P
JP 135	3744T	INT 1960	3716
JP 150A	3739	INT 2550	3701T
JP 201	3744T	INT 2806	3686T
JP 1057B	3743T	INT 2814	3701T
JP 1061	3740T, 3741T	INT 5252	3729T
JP 1065	3740T, 3742T	INT 5355	3715
JP 1103	3739	INT 5360	3705
JP 1266	3744T	INT 5362	3705
JP 1267	3744T	INT 5777	3719
		INT 7258	3728P
		INT 12992	3725
New Zealand Chart No.	Notices		
NZ 4633	3717P		
NZ 6154	3712T		
International Chart No.	Notices		
INT 12	3716		
INT 14	3716		
INT 21	3716		
INT 215	3716		
INT 302	3738		
INT 708	3749T		
INT 709	3749T		
INT 1040	3737		
INT 1041	3674, 3737		
INT 1045	3692		
INT 1060	3682		
INT 1162	3747		
INT 1175	3693		
INT 1223	3713		
INT 1233	3758		
INT 1300	3702		
INT 1301	3702		
INT 1316	3757		
INT 1337	3678T		
INT 1353	3691		
INT 1373	3688		
INT 1376	3727		

II

3672 IRELAND - East Coast - NM Block. Works. Maritime limit. Leading line. Buoyage.

Source: Dublin Port Company

Note: Former Notice 2936(P)/24 is cancelled.

Chart 1415 (INT 1663) [previous update 2682/24] ETRS89 DATUM

Insert	maritime limit, pecked line, joining	(a) 53° 20'·88N., 6° 11'·51W.
		(b) 53° 20'·75N., 6° 11'·51W.
		(c) 53° 20'·69N., 6° 11'·45W.
		(d) 53° 20'·67N., 6° 11'·37W.
		(e) 53° 20'·67N., 6° 11'·03W.
		(f) 53° 20'·73N., 6° 11'·03W.
		(g) 53° 20'·74N., 6° 11'·32W.
		(h) 53° 20'·84N., 6° 11'·31W.
		(i) 53° 20'·84N., 6° 11'·33W.
	legend, Works in progress (2024), within:	(a) -(i) above

Chart 1447 (Panel A, Port of Dublin) [previous update New Edition 30/11/2023] ETRS89 DATUM

Insert	the accompanying block, centred on:	53° 20'·8N., 6° 11'·3W.
	 Fl.R.3s No14	53° 20'·560N., 6° 10'·590W.
Delete	 Fl.R.3s No14	53° 20'·562N., 6° 10'·931W.

Chart 5621_10 (Panel A, Dublin Bay Northern Part) [previous update New Edition 29/02/2024] ETRS89 DATUM

Insert	maritime limit, pecked line, joining	(a) 53° 20'·88N., 6° 11'·51W.
		(b) 53° 20'·75N., 6° 11'·51W.
		(c) 53° 20'·69N., 6° 11'·45W.
		(d) 53° 20'·67N., 6° 11'·37W.
		(e) 53° 20'·67N., 6° 11'·03W.
		(f) 53° 20'·73N., 6° 11'·03W.
		(g) 53° 20'·74N., 6° 11'·32W.
		(h) 53° 20'·84N., 6° 11'·31W.
		(i) 53° 20'·84N., 6° 11'·33W.
	legend, Works in progress (2024), within:	(a) -(i) above

Chart 5621_12 (Panel A, Dublin Bay Southern Part) [previous update New Edition 29/02/2024] ETRS89 DATUM

Insert	maritime limit, pecked line, joining	(a) 53° 20'·84N., 6° 11'·51W.
		(b) 53° 20'·75N., 6° 11'·51W.
		(c) 53° 20'·69N., 6° 11'·45W.
		(d) 53° 20'·67N., 6° 11'·37W.
		(e) 53° 20'·67N., 6° 11'·03W.
		(f) 53° 20'·73N., 6° 11'·03W.
		(g) 53° 20'·74N., 6° 11'·32W.
		(h) 53° 20'·84N., 6° 11'·31W.
	legend, Works in progress (2024), within:	(a) -(h) above

II

3672 IRELAND - East Coast - NM Block. Works. Maritime limit. Leading line. Buoyage. (continued)

Chart 5621_12 (Panel B, Port of Dublin) [*previous update New Edition 29/02/2024*] ETRS89 DATUM

Insert	maritime limit, pecked line, joining	(a) 53° 20'·665N., 6° 11'·330W. (b) 53° 20'·665N., 6° 11'·370W. (c) 53° 20'·668N., 6° 11'·378W. (d) 53° 20'·672N., 6° 11'·388W. (a) -(d) above
Delete	legend, Works in progress (2024), within: leading line, firm line, and associated legend, 359·6°, extending in direction 179·6°, from: limit of dredged area, pecked line, and associated legend 5·9m, joining:	53° 20'·763N., 6° 11'·529W. 53° 20'·761N., 6° 11'·523W. 53° 20'·737N., 6° 11'·523W. 53° 20'·686N., 6° 11'·477W. 53° 20'·676N., 6° 11'·443W.

3675* ENGLAND - East Coast - Buoy.

Source: ABP Humber Notice 76/24

Chart 104 (INT 1566) [*previous update 2479/24*] ETRS89 DATUM

Insert	 Fl(5)Y.20s	53° 33'·60N., 0° 09'·31E.
--------	---	---------------------------

Chart 107 [*previous update 1631/24*] ETRS89 DATUM

Insert	 Fl(5)Y.20s	53° 33'·59N., 0° 09'·31E.
--------	--	---------------------------

Chart 5614_15 [*previous update 2479/24*] ETRS89 DATUM

Insert	 Fl(5)Y.20s	53° 33'·60N., 0° 09'·31E.
--------	--	---------------------------

Chart 5614_14 [*previous update New Edition 02/05/2024*] ETRS89 DATUM

Insert	 Fl(5)Y.20s	53° 33'·59N., 0° 09'·31E.
--------	--	---------------------------

3680* ENGLAND - South Coast - Depths.

Source: fpv Morven

Chart 2037 (INT 1731) [*previous update 3050/24*] ETRS89 DATUM

Replace	depth, 21, with depth, 16, enclosed by 2m contour	50° 44'·25N., 1° 02'·54W.
---------	---	---------------------------

Chart 2045 [*previous update 791/24*] ETRS89 DATUM

Insert	depth, 16, and extend 2m contour S to enclose	(a) 50° 44'·25N., 1° 02'·54W.
Delete	depth, 2, close NW of:	(a) above

Chart 5600_13 [*previous update 3050/24*] ETRS89 DATUM

Replace	depth, 21, with depth, 16, enclosed by 2m contour	50° 44'·25N., 1° 02'·54W.
---------	---	---------------------------

II

3680* ENGLAND - South Coast - Depths. (continued)

Chart 5600_17 [*previous update New Edition 07/09/2023*] ETRS89 DATUM

Replace	depth, 21, with depth, 16, enclosed by 2m contour	50° 44'·25N., 1° 02'·54W.
---------	---	---------------------------

Chart 5600_3 [*previous update 182/24*] ETRS89 DATUM

Insert	depth, 16, and extend 2m contour S to enclose	(a) 50° 44'·25N., 1° 02'·54W.
Delete	depth, 2, close NW of:	(a) above

3681* SCOTLAND - Shetland Islands - NM Blocks.

Source: Lerwick Port Authority

Chart 3270 (Panel A, Lerwick Harbour) [*previous update 5419/17*] ETRS89 DATUM

Insert	the accompanying block, centred on:	60° 10'·3N., 1° 09'·4W.
--------	-------------------------------------	-------------------------

Chart 3271 [*previous update 5419/17*] ETRS89 DATUM

Insert	the accompanying block, centred on:	60° 10'·3N., 1° 09'·4W.
--------	-------------------------------------	-------------------------

3682* SCOTLAND - Shetland Islands - Legend.

Source: BP Exploration Operating Company Ltd

Chart 219 (INT 1060) [*previous update 3340/24*] ETRS89 DATUM

Insert	legend, <i>Scientific Instruments</i> , centred on:	60° 38'·2N., 2° 38'·8W.
--------	---	-------------------------

Chart 1233 (INT 1500) [*previous update 2726/24*] ETRS89 DATUM

Insert	legend, <i>Scientific Instruments</i> , between:	60° 38'·63N., 2° 42'·55W.
		60° 38'·63N., 2° 32'·71W.

Chart 1239 [*previous update 3395/24*] ETRS89 DATUM

Insert	legend, <i>Scientific Instruments</i> , centred on:	60° 38'·2N., 2° 38'·8W.
--------	---	-------------------------

3685* ENGLAND - East Coast - NM Blocks.

Source: Transmission Capital Lincs OFTO Limited

Chart 108 [*previous update 2929/24*] ETRS89 DATUM

Insert	the accompanying block, centred on:	53° 04'·0N., 0° 26'·0E.
--------	-------------------------------------	-------------------------

Chart 1190 (INT 1508) [*previous update 3358/24*] ETRS89 DATUM

Insert	the accompanying block, centred on:	53° 04'·5N., 0° 26'·9E.
--------	-------------------------------------	-------------------------

Chart 1200 (INT 1556) [*previous update 2759/24*] ETRS89 DATUM

Insert	the accompanying block, centred on:	52° 54'·9N., 0° 16'·2E.
--------	-------------------------------------	-------------------------

Chart 5614_11 (Panel A, The Wash Central Part) [*previous update 2759/24*] ETRS89 DATUM

Insert	the accompanying block, centred on:	52° 54'·9N., 0° 16'·2E.
--------	-------------------------------------	-------------------------

II

3685* ENGLAND - East Coast - NM Blocks. (continued)

Chart 5614_9 [*previous update New Edition 02/05/2024*] ETRS89 DATUM

Insert the accompanying block, centred on: 53° 03'·9N., 0° 26'·0E.

Chart 5614_13 [*previous update 2784/24*] ETRS89 DATUM

Insert the accompanying block, centred on: 53° 06'·3N., 0° 29'·0E.

Chart 5614_8 [*previous update 2929/24*] ETRS89 DATUM

Insert the accompanying block, centred on: 53° 04'·5N., 0° 26'·9E.

3694* ENGLAND - Thames Estuary - NM Blocks. Depths.

Source: mv Northern Wind

Chart 1183 (INT 1561) [*previous update 3601/24*] ETRS89 DATUM

Insert	depth, 09, and extend 2m contour NW to enclose	51° 46'·81N., 1° 19'·67E.
	depth, 13, enclosed by 2m contour	51° 48'·23N., 1° 23'·33E.
	depth, 14, and extend 2m contour NW to enclose	51° 48'·21N., 1° 23'·86E.
	depth, 4, and extend 5m contour NE to enclose	(a) 51° 48'·74N., 1° 25'·11E.
Delete	depth, 45, close SW of:	(a) above

Chart 1975 [*previous update 3601/24*] ETRS89 DATUM

Insert	the accompanying block, centred on:	51° 48'·4N., 1° 23'·7E.
	depth, 09, and extend 2m contour NW to enclose	(a) 51° 46'·81N., 1° 19'·67E.
Delete	depth, 27, close SW of:	(a) above

Chart 2052 (INT 1560) [*previous update 3530/24*] ETRS89 DATUM

Insert	depth, 4, and extend 5m contour NE to enclose	(a) 51° 48'·74N., 1° 25'·11E.
Delete	depth, 58, close SE of:	(a) above
Insert	depth, 41, enclosed by 5m contour	51° 48'·76N., 1° 24'·60E.
	depth, 35, enclosed by 5m contour	(b) 51° 48'·63N., 1° 24'·23E.
Delete	depth, 125, and associated 10m contour, close SW of:	(b) above
	depth, 73, close E of:	(b) above

Chart 5607_4 [*previous update 3240/24*] ETRS89 DATUM

Insert	the accompanying block, centred on:	51° 48'·4N., 1° 23'·7E.
	depth, 09, and extend 2m contour NW to enclose	(a) 51° 46'·81N., 1° 19'·67E.
Delete	depth, 27, close SW of:	(a) above

Chart 5607_2 [*previous update 3601/24*] ETRS89 DATUM

Insert	depth, 09, and extend 2m contour NW to enclose	51° 46'·81N., 1° 19'·67E.
	depth, 13, enclosed by 2m contour	51° 48'·23N., 1° 23'·33E.
	depth, 14, and extend 2m contour NW to enclose	51° 48'·21N., 1° 23'·86E.
	depth, 4, and extend 5m contour NE to enclose	(a) 51° 48'·74N., 1° 25'·11E.
Delete	depth, 45, close SW of:	(a) above

II

3703* ENGLAND - Isles of Scilly - Historic wreck. Restricted area. Legend. Note.

Source: Historic England

Chart 34 [previous update 5898/20] ETRS89 DATUM

Insert		(a) 49° 56'·01N., 6° 22'·39W.
	circular limit of restricted area, radius 50m,  , centred on:	(a) above
	legend, <i>Historic Wreck (see Note)</i> , close SE of:	(a) above
Replace	the existing note with the accompanying note, HISTORIC WRECKS, centred on:	49° 52'·10N., 6° 12'·34W.

Chart 5603_8 [previous update New Chart 25/11/2021] ETRS89 DATUM

Insert		(a) 49° 56'·01N., 6° 22'·39W.
	circular limit of restricted area, radius 50m,  , centred on:	(a) above
	legend, <i>Historic Wreck (see Note)</i> , close SE of:	(a) above

Chart 5603_9 [previous update New Chart 25/11/2021] ETRS89 DATUM

Insert		(a) 49° 56'·01N., 6° 22'·39W.
	circular limit of restricted area, radius 50m,  , centred on:	(a) above
	legend, <i>Historic Wreck (see Note)</i> , close SE of:	(a) above

3709* ENGLAND - East Coast - Radar beacon.

Source: ABP Humber Notice 66/24

Chart 104 (INT 1566) [previous update 3675/24] ETRS89 DATUM

Replace	radar beacon, <i>Racon(M)</i> with radar beacon, <i>Racon(T)</i> , at light float	53° 33'·42N., 0° 14'·15E.
---------	---	---------------------------

Chart 107 [previous update 3675/24] ETRS89 DATUM

Replace	radar beacon, <i>Racon(M)</i> with radar beacon, <i>Racon(T)</i> , at light float	53° 33'·42N., 0° 14'·15E.
---------	---	---------------------------

Chart 1190 (INT 1508) [previous update 3685/24] ETRS89 DATUM

Replace	radar beacon, <i>Racon(M)</i> with radar beacon, <i>Racon(T)</i> , at light float	53° 33'·42N., 0° 14'·15E.
---------	---	---------------------------

Chart 5614_15 [previous update 3675/24] ETRS89 DATUM

Replace	radar beacon, <i>Racon(M)</i> with radar beacon, <i>Racon(T)</i> , at light float	53° 33'·42N., 0° 14'·15E.
---------	---	---------------------------

Chart 5614_14 [previous update 3675/24] ETRS89 DATUM

Replace	radar beacon, <i>Racon(M)</i> with radar beacon, <i>Racon(T)</i> , at light float	53° 33'·42N., 0° 14'·15E.
---------	---	---------------------------

Chart 5614_21 [previous update New Edition 02/05/2024] ETRS89 DATUM

Replace	radar beacon, <i>Racon(M)</i> with radar beacon, <i>Racon(T)</i> , at light float	53° 33'·42N., 0° 14'·15E.
---------	---	---------------------------

II

3710* IRELAND - West Coast - Wreck. Depth. Foul.

Source: Geological Survey of Ireland

Chart 2790 (Panel, Blasket Islands) [*previous update 3792/22*] ETRS89 DATUM

Insert		(a)	52° 04'·50N., 10° 34'·11W.
Delete	depth, 21, close SE of: #	(a)	above 52° 04'·32N., 10° 34'·83W.

3721* ENGLAND - West Coast - Depths.

Source: Associated British Ports

Chart 3490 (INT 1643) (Panel B, Tranmere to Garston and Eastham) [*previous update 2756/24*] ETRS89 DATUM

Insert	depth, 1	(a)	53° 21'·026N., 2° 54'·927W.
Delete	depth, 16, close W of:	(a)	above

3751* ENGLAND - West Coast - NM Block.

Source: Bristol Port Company.

Chart 1859 (INT 1655) (Panel A, King Road) [*previous update 2978/24*] ETRS89 DATUM

Insert	the accompanying block, centred on:	51° 30'·3N., 2° 45'·2W.
--------	-------------------------------------	-------------------------

3677 SWEDEN - East Coast - Buoyage.

Source: Swedish Notice 1023/18546/24

Chart 976 (INT 1786) [*previous update New Edition 18/07/2024*] WGS84 DATUM

Replace	 with  Q	65° 07'·25N., 21° 36'·46E.
	 with  Fl R 3s	65° 09'·04N., 21° 37'·02E.

3688 DENMARK - Islands - Rock. Depth.

Source: Danish Chart Correction 13-14/146/24

Chart 2532 (INT 1373) [*previous update 3271/24*] WGS84 DATUM

Insert	 (03)Rep (2024)	(a)	54° 53'·78N., 9° 45'·24E.
Delete	depth, 24, close SW of:	(a)	above

II

3691* DENMARK - Islands - Depth.

Source: DK ENC DK2STOBL/2024

Chart DE 30 (INT 1353) [*previous update 2563/24*] WGS84 DATUM

Insert depth, 198, enclosed by 20m contour 54° 39'·10N., 10° 50'·28E.

3693 FINLAND - West Coast - Depths.

Source: ENC FI39BOBS

Chart 893 (INT 1175) [*previous update 646/23*] WGS84 DATUM

Insert	depth, 265, enclosed by 30m contour	(a)	63° 39'·70N., 21° 36'·48E.
Delete	depth, 47, close N of:	(a)	above
Insert	depth, 27, enclosed by 30m contour	(b)	63° 38'·78N., 21° 33'·17E.
Delete	depth, 43, close SE of:	(b)	above
Insert	20m contour, joining:	(c)	63° 37'·68N., 21° 21'·32E.
		(d)	63° 37'·00N., 21° 20'·08E.
		(e)	63° 36'·65N., 21° 20'·17E.
		(f)	63° 36'·63N., 21° 20'·85E.
		(g)	63° 37'·39N., 21° 22'·34E.
		(c)-(g)	above
Delete	former 20m contour, joining:		
Insert	depth, 23	(h)	63° 36'·70N., 21° 33'·79E.
Delete	depth, 45, close SE of:	(h)	above
Insert	depth, 192, enclosed by 20m contour	(i)	63° 36'·01N., 21° 28'·20E.
Delete	depth, 27, close SE of:	(i)	above
Insert	depth, 92, enclosed by 10m contour	(j)	63° 29'·48N., 20° 59'·32E.
Delete	depth, 122, close SW of:	(j)	above
Insert	depth, 92, enclosed by 10m contour		63° 29'·04N., 20° 51'·13E.
	depth, 99, enclosed by 10m contour	(k)	63° 27'·23N., 20° 52'·19E.
Delete	depth, 13, close NW of:	(k)	above
Replace	depth, 17, with depth, 157		63° 33'·07N., 21° 28'·35E.
	depth, 119, with depth, 96, enclosed by 10m contour		63° 28'·12N., 20° 57'·52E.
Delete	depth, 215		63° 37'·16N., 21° 20'·56E.

Chart 2252 [*previous update 3252/24*] WGS84 DATUM

Insert	depth, 265	(a)	63° 39'·7N., 21° 36'·5E.
Delete	depth, 37, close W of:	(a)	above
Insert	depth, 192, enclosed by 20m contour		63° 36'·0N., 21° 28'·2E.
	depth, 92, enclosed by 10m contour		63° 29'·5N., 20° 59'·3E.
Replace	depth, 17, with depth, 157		63° 33'·1N., 21° 28'·4E.

II

3702 SWEDEN - West Coast - Buoyage.

Source: Swedish Notice 1023/18575/24

Chart 892 (INT 1378) [previous update 4866/23] WGS84 DATUM

Delete

 Fl.Y.3s

57° 54'·69N., 10° 57'·04E.
57° 53'·08N., 11° 02'·87E.
57° 48'·65N., 11° 04'·56E.
57° 48'·62N., 11° 08'·55E.
57° 46'·34N., 11° 07'·86E.

Chart 1402 (INT 1300) [previous update 2555/24] WGS84 DATUM

Delete

 Fl.Y.3s

58° 44'·5N., 10° 34'·9E.
58° 42'·2N., 10° 32'·3E.
58° 37'·8N., 10° 29'·1E.
58° 36'·9N., 10° 33'·5E.
58° 36'·9N., 10° 22'·1E.
58° 35'·6N., 10° 36'·7E.
58° 35'·5N., 10° 18'·7E.

 Fl.Y.3s

58° 05'·5N., 10° 50'·2E.
58° 01'·2N., 10° 51'·4E.
57° 57'·4N., 10° 51'·4E.
57° 54'·7N., 10° 57'·0E.
57° 53'·1N., 11° 02'·9E.
57° 48'·6N., 11° 04'·6E.
57° 48'·6N., 11° 08'·5E.
57° 46'·3N., 11° 07'·9E.

Chart 2107 (INT 1301) [previous update 297/24] WGS84 DATUM

Delete

 Fl.Y.3s

57° 48'·65N., 11° 04'·56E.
57° 48'·62N., 11° 08'·55E.
57° 46'·34N., 11° 07'·86E.

3713 SWEDEN - East Coast - NM Block.

Source: Swedish Notice 1023/18538/24

Chart 2842 (INT 1223) (Panel A, Bergkvara) [previous update 2159/24] WGS84 DATUM

Insert

the accompanying block, centred on:

56° 22'·5N., 16° 06'·1E.

3725 POLAND - Depth. Obstruction.

Source: Polish Notice 22/318/24

Chart 2453 (INT 12992) [previous update 3098/24] WGS84 DATUM

Replace

depth, 122 , with  Survey gauge

53° 55'·231N., 14° 17'·913E.

II

3727 DENMARK - East Coast - Danger lines. Depth.

Source: Danish Chart Correction 13-14/148/24

Chart 900 (INT 1376) [*previous update 3231/24*] WGS84 DATUM

Insert	danger line, dotted line, joining:	55° 30'·61N., 9° 36'·86E. 55° 30'·61N., 9° 36'·89E. 55° 30'·59N., 9° 36'·92E. 55° 30'·55N., 9° 36'·93E. 55° 30'·51N., 9° 36'·91E. and 55° 30'·49N., 9° 37'·22E. 55° 30'·56N., 9° 37'·16E. 55° 30'·57N., 9° 37'·17E. 55° 30'·57N., 9° 37'·20E. 55° 30'·56N., 9° 37'·23E. 55° 30'·54N., 9° 37'·26E. 55° 30'·54N., 9° 37'·21E.
Delete	depth, 118	

3732 LATVIA - Lights.

Source: Latvian Notices 4/88/24 and 6/156/24

Chart 2215 [*previous update 1115/24*] WGS84 DATUM

Insert	★2 Iso.R.3s3M	(a) 57° 18'·98N., 24° 24'·49E.
Delete	★Dir.F.WRG.11m6-3M, close W of:	(a) above

3747 LATVIA - Legends.

Source: Latvian Notices 4/99-100/24

Chart 2859 (INT 1162) [*previous update 1134/24*] WGS84 DATUM

Insert	legend, 141°, orientated NW/SE, centred on:	57° 06'·29N., 23° 57'·37E.
	legend, 128·4°, orientated NW/SE, centred on:	57° 03'·54N., 24° 01'·95E.

3754 SWEDEN - East Coast - Depth.

Source: Swedish Notice 1024/18516/24

Chart 887 (INT 1775) [*previous update 3238/24*] WGS84 DATUM

Delete	sounding out of position, (2)	59° 33'·16N., 18° 38'·97E.
--------	-------------------------------	----------------------------

II

3756 SWEDEN - East Coast - Buoy.

Source: Swedish Notice 1024/18582/24

Chart 976 (INT 1786) [*previous update 3677/24*] WGS84 DATUM

Move	 from:	65° 06'·48N., 21° 41'·05E.
	to:	65° 06'·43N., 21° 40'·93E.

3757 SWEDEN - West Coast - Depth.

Source: Swedish Notice 1024/18570/24

Chart 858 (INT 1316) [*previous update 2534/24*] WGS84 DATUM

Delete	sounding out of position, (23)	57° 37'·88N., 11° 36'·46E.
--------	--------------------------------	----------------------------

3758 SWEDEN - East Coast - Submarine power cable.

Source: Swedish Notice 1024/18503/24

Chart 839 (INT 1233) [*previous update 4024/23*] WGS84 DATUM

Insert	submarine power cable,   , joining:	58° 54'·89N., 17° 36'·63E.
		58° 54'·97N., 17° 36'·61E.
		58° 55'·03N., 17° 36'·58E.
		58° 55'·19N., 17° 36'·25E.
		58° 55'·41N., 17° 35'·92E.
		58° 55'·57N., 17° 35'·75E.
		58° 55'·60N., 17° 35'·77E.
		58° 55'·61N., 17° 35'·78E.
		58° 55'·62N., 17° 35'·79E.

3674 NORTH SEA - Norwegian Sector - Obstruction. Legend.

Source: Norwegian HO

Chart 292 [*previous update 3529/24*] WGS84 DATUM

Insert	circular limit of danger line, radius 2300m (1·2M), dotted line,	
	centred on:	(a) 59° 16'·22N., 2° 18'·81E.
	legend, <i>Obstn</i> , within:	(a) above

Chart 1405 (INT 1400) [*previous update 3529/24*] WGS84 DATUM

Insert	circular limit of danger line, radius 2300m (1·2M), dotted line,	
	centred on:	(a) 59° 16'·2N., 2° 18'·8E.
	legend, <i>Obstn</i> , within:	(a) above

Chart 2182C (INT 1041) [*previous update 3529/24*] WGS84 DATUM

Insert	circular limit of danger line, radius 2300m (1·2M), dotted line,	
	centred on:	(a) 59° 16'·2N., 2° 18'·8E.
	legend, <i>Obstn</i> , within:	(a) above

II

3690* GERMANY - North Sea Coast - Buoy.

Source: WSA Elbe-Nordsee 184/24

Chart DE 87 (INT 1413) [previous update 3548/24] WGS84 DATUM

Move	 <i>Iso. 4s Eider Whis</i> , from:	54° 16'·23N., 8° 29'·26E.
	to:	54° 15'·42N., 8° 29'·27E.

Chart DE 103 (INT 1412) [previous update 3557/24] WGS84 DATUM

Move	 <i>Iso. 4s Eider Whis</i> , from:	54° 16'·23N., 8° 29'·26E.
	to:	54° 15'·42N., 8° 29'·27E.

3692* GERMANY - North Sea Coast - Buoyage.

Source: WSA Elbe-Nordsee 179/24

Chart DE 50 (INT 1045) [previous update 3557/24] WGS84 DATUM

Delete	 <i>Fl(5)Y.20s ODAS 5 Buoys</i>	54° 22'·0N., 6° 10'·6E.
	 <i>Fl(5)Y.20s ODAS</i>	54° 19'·4N., 6° 09'·6E.

3700* GERMANY - North Sea Coast - Depths.

Source: WSA Weser-Jade-Nordsee, Survey LP24381, LP24380, LP24341/24

Chart DE 4 (INT 1457) [previous update New Edition 25/04/2024] WGS84 DATUM

Insert	depth, 89	(a) 53° 30'·70N., 8° 32'·03E.
Delete	depth, 95, close SW of:	(a) above
Insert	depth, 85	(b) 53° 23'·88N., 8° 29'·86E.
Delete	depth, 91, close S of:	(b) above

Chart DE 4 (INT 1457) (Panel A, Reiherplate to Brake) [previous update New Edition 25/04/2024] WGS84 DATUM

Insert	depth, 85	(a) 53° 23'·88N., 8° 29'·86E.
Delete	depth, 91, close S of:	(a) above
Insert	depth, 87	(b) 53° 21'·47N., 8° 29'·96E.
Delete	depth, 92, close N of:	(b) above
Insert	depth, 83	(c) 53° 21'·38N., 8° 29'·98E.
Delete	depth, 94, close N of:	(c) above

Chart DE 5 (INT 1458) (Panel B, Brake) [previous update 3406/23] WGS84 DATUM

Insert	depth, 84	53° 21'·676N., 8° 30'·128E.
	depth, 83	(a) 53° 21'·384N., 8° 29'·977E.
Delete	depth, 88, close NW of:	(a) above

Chart DE 5 (INT 1458) (Panel A, Brake to Vegesack) [previous update 3406/23] WGS84 DATUM

Insert	depth, 83	(a) 53° 21'·38N., 8° 29'·98E.
Delete	depth, 88, close N of:	(a) above

II

3718* NORTH SEA - United Kingdom Sector - Moored storage tanker. Maritime limit.

Source: Shell UK Ltd.

Chart 295 [previous update 3479/24] WGS84 DATUM

Insert  *Penguins FPSO* (a) 61° 34'·97N., 1° 32'·80E.
circular maritime limit, radius 1500m, pecked line, centred on: (a) above

Chart 1427 (INT 1401) [previous update 3529/24] WGS84 DATUM

Insert  *Penguins FPSO* 61° 34'·8N., 1° 32'·8E.

Chart 1428 (INT 1402) [previous update 2966/24] WGS84 DATUM

Insert  *Penguins FPSO* 61° 34'·7N., 1° 32'·8E.

3737 NORTH SEA - Norwegian Sector - Buoy. Submarine power cable. Well.

Source: Norwegian Chart 307

Note: This update is included in New Edition 1427, published early 2024.

Chart 292 [previous update 3674/24] WGS84 DATUM

Insert  *Wave buoy Kneler B* 59° 32'·15N., 1° 59'·31E.
submarine power cable, , joining:
59° 32'·79N., 1° 59'·35E.
59° 31'·76N., 2° 00'·93E.
59° 31'·47N., 2° 01'·93E.
59° 30'·83N., 2° 02'·99E.
59° 30'·20N., 2° 02'·97E.
59° 29'·65N., 2° 01'·71E.

Chart 2182C (INT 1041) [previous update 3674/24] WGS84 DATUM

Insert  *Well* 60° 22'·7N., 4° 18'·0E.

Chart 2182D (INT 1040) [previous update 3479/24] WGS84 DATUM

Insert  *Well* 60° 22'·7N., 4° 18'·0E.

3753* GERMANY - North Sea Coast - Buoyage.

Source: WSA Weser-Jade-Nordsee 124/24

Chart DE 7 (INT 1460) [previous update 3216/24] WGS84 DATUM

Move  *Fl.G.4s 39*, from: 53° 38'·42N., 8° 07'·46E.
to: 53° 38'·42N., 8° 07'·55E.

Chart DE 20 (INT 1424) [previous update 3473/24] WGS84 DATUM

Move  *Fl.G.4s 39*, from: 53° 38'·42N., 8° 07'·46E.
to: 53° 38'·42N., 8° 07'·55E.

II

3759 NETHERLANDS - Lights. Jetties. Legend.

Source: Netherlands Notice 29/237/24

Chart 114 (INT 1476) (Part D, Desteldonk to Gent) [*previous update 1602/24*] WGS84 DATUM

Amend	legend to, F.R(2x), centred on:	51° 04'·477N., 3° 44'·326E.
Delete		(a) 51° 04'·464N., 3° 44'·186E.
		(b) 51° 04'·477N., 3° 44'·206E.
		(c) 51° 04'·481N., 3° 44'·239E.
	jetty, single firm line, joining:	(a) above
		51° 04'·453N., 3° 44'·187E.
		and
		(b) above
		51° 04'·456N., 3° 44'·213E.
		and
		(c) above
		51° 04'·460N., 3° 44'·245E.

3684 FRANCE - West Coast - NM Block.

Source: French Notice 12/48/24

Chart 2356 [*previous update New Edition 05/10/2023*] WGS84 DATUM

Insert	the accompanying block, centred on:	48° 20'·1N., 4° 36'·2W.
--------	-------------------------------------	-------------------------

3716 NORTH ATLANTIC OCEAN - Arquipélago de Cabo Verde - Depths.

Source: Portuguese Notice 03/154/24

Chart 366 (INT 1960) [*previous update New Chart 17/02/2022*] WGS84 DATUM

Replace	sounding out of position, 151, with sounding out of position, 114	14° 55'·5N., 23° 10'·2W.
---------	---	--------------------------

Chart 3135 [*previous update 739/22*] WGS84 DATUM

Insert	depth, 114	(a) 14° 55'·5N., 23° 10'·2W.
Delete	depth, 150, close NW of:	(a) above

Chart 4012 (INT 12) [*previous update 96/24*] WGS84 DATUM

Insert	depth, 114, and extend 200m contour S to enclose	14° 55'·5N., 23° 10'·2W.
--------	--	--------------------------

Chart 4014 (INT 14) [*previous update 2900/24*] WGS84 DATUM

Insert	depth, 114, and extend 200m contour S to enclose	14° 55'·5N., 23° 10'·2W.
--------	--	--------------------------

Chart 4021 (INT 21) [*previous update 96/24*] WGS84 DATUM

Insert	depth, 114, and extend 200m contour S to enclose	14° 55'·5N., 23° 10'·2W.
--------	--	--------------------------

Chart 4215 (INT 215) [*previous update 173/24*] WGS84 DATUM

Replace	depth, 150, with depth, 114	14° 55'·5N., 23° 10'·2W.
---------	-----------------------------	--------------------------

II

3738 GREECE - Aegean Sea Coast - Depths.

Source: ENC GR3CFZMS

Chart 180 [previous update 2069/24] WGS84 DATUM

Insert depth, 94, enclosed by 100m contour 40° 22'·2N., 25° 18'·8E.

Chart 1086 [previous update 2829/24] WGS84 DATUM

Insert depth, 94, enclosed by 100m contour 40° 22'·2N., 25° 18'·8E.

Chart 1439 [previous update 2391/24] WGS84 DATUM

Insert depth, 94, enclosed by 100m contour 40° 22'·2N., 25° 18'·8E.

Chart 4302 (INT 302) [previous update 2069/24] WGS84 DATUM

Insert depth, 94, enclosed by 100m contour (a) 40° 22'·2N., 25° 18'·8E.

Delete depth, 148, close W of: (a) above

3750* SINGAPORE - Buoy.

Source: Maritime and Port Authority of Singapore

Chart 4032 [previous update 3378/24] WGS84 DATUM

Insert  Fl.Y.5s KST-1 1° 13'·358N., 103° 44'·035E.

Chart 4039 [previous update 3605/24] WGS84 DATUM

Insert  Fl.Y.5s KST-1 1° 13'·36N., 103° 44'·05E.

Chart 4040 [previous update 3605/24] WGS84 DATUM

Insert  Fl.Y.5s KST-1 1° 13'·36N., 103° 44'·05E.

3707 CHINA - South Coast - Radio reporting line. Legend. Notes. NM Block.

Source: Chinese Chart 16570

Chart 1728 [previous update 3179/24] CGCS 2000 DATUM

Insert semi-circular limit of radio reporting line, inbound and
outbound, pecked line, radius 5M, centred on 21° 02'·04N
109° 06'·71E. joining: (a) 21° 07'·05N., 109° 06'·71E.

(b) 21° 02'·04N., 109° 01'·37E.

legend, Weizhou Dao VTS (see Note), along: (a)-(b) above

the accompanying note, VESSEL REPORTING, centred on: 21° 07'·57N., 109° 54'·37E.

Chart 3992 [previous update 2508/24] CGCS 2000 DATUM

Insert the accompanying block, centred on: 21° 04'·3N., 109° 03'·7E.

the accompanying note, VESSEL REPORTING, centred on: 21° 32'·97N., 108° 02'·43E.

II

3714 CHINA - Yellow Sea Coast - Buoyage. Virtual aids to navigation.

Source: Chinese Notices 16/603/24 and 16/606-607/24

Chart 723 [previous update 1732/24] CGCS 2000 DATUM

Delete	 <i>Mo(O)Y.12s T1</i>	34° 44'·82N., 119° 43'·07E.
	 <i>Mo(O)Y.12s T2</i>	34° 44'·56N., 119° 43'·64E.
	 <i>Fl.G.4s T3</i>	34° 43'·51N., 119° 42'·20E.
	 <i>Fl.G.4s T4</i>	34° 43'·36N., 119° 42'·84E.
	 <i>Fl.R.4s T5</i>	34° 42'·64N., 119° 41'·62E.
	 <i>Fl.R.4s T6</i>	34° 42'·49N., 119° 42'·26E.
	 <i>Mo(O)Y.12s T7</i>	34° 41'·06N., 119° 40'·69E.
	 <i>Mo(O)Y.12s T8</i>	34° 41'·03N., 119° 41'·20E.
	symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position	34° 40'·85N., 119° 47'·28E.

Chart 1201 [previous update 3603/24] CGCS 2000 DATUM

Insert	 <i>Mo(O)Y.12s No 1</i>	35° 02'·31N., 119° 16'·50E.
Delete	 <i>Mo(O)Y.12s T1</i>	34° 44'·82N., 119° 43'·07E.
	 <i>Mo(O)Y.12s T2</i>	34° 44'·56N., 119° 43'·64E.
	 <i>Fl.G.4s T3</i>	34° 43'·51N., 119° 42'·20E.
	 <i>Fl.G.4s T4</i>	34° 43'·36N., 119° 42'·84E.
	 <i>Fl.R.4s T5</i>	34° 42'·64N., 119° 41'·62E.
	 <i>Fl.R.4s T6</i>	34° 42'·49N., 119° 42'·26E.
	symbol, Virtual aid to navigation, isolated danger topmark, V-AIS, out of position	34° 40'·85N., 119° 47'·28E.
	symbol, Virtual aid to navigation, isolated danger topmark, V-AIS	34° 37'·59N., 119° 50'·81E.

Chart 1253 [previous update 3603/24] CGCS 2000 DATUM

Delete	symbol, Virtual aid to navigation, isolated danger topmark, V-AIS	34° 40'·9N., 119° 47'·3E.
		34° 37'·6N., 119° 50'·8E.

II

3745 CHINA - East Coast - Buoyage.

Source: Chinese Notice 24/932/24

Chart 1130 [*previous update 3198/24*] CGCS 2000 DATUM

Insert	 <i>Fl.G.4s L11</i>	29° 50'·12N., 122° 03'·30E.
	 <i>Fl.R.4s L12</i>	29° 49'·99N., 122° 03'·08E.

3739 JAPAN - Seto Naikai - NM Blocks. Depth.

Source: Japanese Notice 29/327/24

Note: Former Notice 2347(T)/24 is cancelled.

Chart JP 101A [*previous update 2731/24*] WGS84 DATUM

Insert	the accompanying block A, centred on:	34° 41' 53"N., 135° 17' 02"E.
	the accompanying block B, centred on:	34° 39' 58"N., 135° 15' 41"E.
	the accompanying block C, centred on:	34° 39' 30"N., 135° 16' 11"E.

Chart JP 150A [*previous update 2732/24*] WGS84 DATUM

Delete	depth, 14g	34° 39'·48N., 135° 16'·04E.
--------	------------	-----------------------------

Chart JP 1103 [*previous update 2727/24*] WGS84 DATUM

Insert	the accompanying block, centred on:	34° 39' 47"N., 135° 15' 45"E.
--------	-------------------------------------	-------------------------------

3705 KOREA - South Coast - Radio reporting line. Legend. Buoy.

Source: Korean Notice 9/105/24 and ENC KR5F4H22

Chart 3390 (INT 5362) [*previous update 3522/24*] WGS84 DATUM

Insert	radio reporting line, inbound and outbound, pecked line, joining:	34° 49'·45N., 127° 46'·34E.
		(a) 34° 50'·10N., 127° 46'·50E.
		(b) 34° 50'·83N., 127° 48'·20E.
		34° 49'·44N., 127° 48'·83E.
	legend, Yeosu VTS (see Note), along:	(a)-(b) above

Chart 3391 (INT 5360) [*previous update 3522/24*] WGS84 DATUM

Delete	symbol, white blue white, pillar buoy, x-shape topmark, <i>Fl.6s</i>	34° 26'·88N., 127° 47'·47E.
--------	--	-----------------------------

3715 KOREA - East Coast - NM Blocks. Obstructions. Rock. Depth.

Source: ENC's KR65908C, KR659C09, KR65918C and KR65928C

Chart 896 (INT 5355) [*previous update 3546/24*] WGS84 DATUM

Insert	the accompanying block, centred on:	35° 24'·4N., 129° 22'·4E.
	depth, 9g, with seabed type, R, and extend 10m contour S to enclose	(a) 35° 22'·47N., 129° 21'·98E.
Delete	depth, 16g, close E of:	(a) above

II

3715 KOREA - East Coast - NM Blocks. Obstructions. Rock. Depth. (continued)

Chart 898 (Panel A, Ulsan and Mipo) [*previous update 3546/24*] WGS84 DATUM

Insert	the accompanying block, centred on:	35° 24'·5N., 129° 22'·4E.
	 <i>Obstn</i>	35° 28'·78N., 129° 23'·76E.
	 <i>Obstn</i>	35° 29'·24N., 129° 23'·78E.
	 <i>Obstn</i>	35° 29'·49N., 129° 23'·58E.

3679 INDONESIA - Kalimantan - Drying height. Depths. Submarine cable. Lights. Leading line. Legend. Buoy.

Source: ENC ID300289 and UKHO

Chart 1066 [*previous update 3428/24*] WGS84 DATUM

Insert	submarine cable,  , joining:	3° 52'·4S., 114° 36'·6E. 3° 53'·2S., 114° 28'·9E. 4° 06'·6S., 114° 26'·6E. 4° 07'·8S., 114° 27'·6E. 4° 19'·7S., 114° 27'·4E. 4° 25'·3S., 114° 28'·9E. 4° 30'·7S., 114° 31'·4E. 4° 43'·4S., 114° 53'·7E. 4° 45'·0S., 114° 52'·9E.
Amend	light to, Ldg LFl.5s10M & Fl.1·5s8M	3° 21'·0S., 114° 05'·0E.

Chart 2471 [*previous update 3422/24*] WGS84 DATUM

Insert	submarine cable,  , joining:	3° 55'·7S., 114° 28'·7E. 4° 06'·6S., 114° 26'·6E. 4° 25'·3S., 114° 28'·9E. 4° 30'·7S., 114° 31'·4E. 4° 43'·4S., 114° 53'·7E. 4° 45'·0S., 114° 52'·9E.
--------	---	--

II

3679 INDONESIA - Kalimantan - Drying height. Depths. Submarine cable. Lights. Leading line. Legend. Buoy. (continued)

Chart 2794 [previous update 1066/24] WGS84 DATUM

Insert	depth, 98, and extend 10m contour NW to enclose	(a)	3° 49'·7S., 114° 30'·6E.
Delete	depth, 13, close W of:	(a)	above
Insert	submarine cable, ~~~, joining:		3° 52'·4S., 114° 36'·6E. 3° 53'·2S., 114° 28'·9E. 4° 06'·6S., 114° 26'·6E. 4° 07'·8S., 114° 27'·6E. 4° 19'·7S., 114° 27'·4E. 4° 25'·3S., 114° 28'·9E. 4° 30'·4S., 114° 31'·1E. 4° 36'·4S., 114° 40'·0E.
	depth, 96, enclosed by 10m contour		3° 54'·8S., 114° 31'·4E.
	depth, 59, and extend 10m contour W to enclose		4° 06'·8S., 114° 33'·4E.
Amend	light to, Fl.R.1·5s8M		3° 21'·3S., 114° 04'·0E.
	light to, Ldg LFl.5s10M & Fl.1·5s8M		3° 21'·0S., 114° 05'·0E.
	light-buoy to, LFl.10s		3° 27'·0S., 114° 05'·7E.

Chart 2795 [previous update 1066/24] WGS84 DATUM

Insert	depth, 98, and extend 10m contour NW to enclose	(a)	3° 49'·7S., 114° 30'·6E.
Delete	depth, 13, close W of:	(a)	above
Insert	submarine cable, ~~~, joining:		3° 52'·4S., 114° 36'·6E. 3° 53'·2S., 114° 28'·9E. 4° 06'·6S., 114° 26'·6E. 4° 07'·8S., 114° 27'·6E. 4° 19'·7S., 114° 27'·4E. 4° 25'·3S., 114° 28'·9E. 4° 30'·7S., 114° 31'·4E. 4° 43'·4S., 114° 53'·7E. 4° 45'·0S., 114° 52'·9E.
	depth, 96, enclosed by 10m contour		3° 54'·8S., 114° 31'·4E.
	depth, 59, and extend 10m contour W to enclose		4° 06'·8S., 114° 33'·4E.
Amend	light to, Fl.R.1·5s8M		3° 21'·3S., 114° 04'·0E.
	light to, Ldg LFl.5s10M & Fl.1·5s8M		3° 21'·0S., 114° 05'·0E.
	light-buoy to, LFl.10s		3° 27'·1S., 114° 05'·7E.

Chart 2796 [previous update 2689/24] WGS84 DATUM

Insert	submarine cable, ~~~, joining:		4° 08'·6S., 114° 27'·6E. 4° 19'·7S., 114° 27'·4E. 4° 25'·3S., 114° 28'·9E. 4° 30'·7S., 114° 31'·4E. 4° 36'·9S., 114° 40'·8E. 4° 39'·1S., 114° 45'·1E.
--------	--------------------------------	--	--

II

3679 INDONESIA - Kalimantan - Drying height. Depths. Submarine cable. Lights. Leading line. Legend. Buoy. (continued)

Chart 3015 (Panel A, Sungai Barito) [previous update 1969/24] WGS84 DATUM

Insert	drying height, 02, enclosed by 0m low water line	3° 36'·83S., 114° 30'·09E.
	depth, 14, enclosed by 2m contour	(a) 3° 28'·76S., 114° 30'·40E.
Delete	depth, 37, close NW of:	(a) above

Chart 3017 [previous update 1820/23] WGS84 DATUM

Insert	depth, 59, and extend 10m contour W to enclose	4° 06'·8S., 114° 33'·4E.
	submarine cable, ~~~, joining:	4° 31'·6S., 114° 33'·0E.
		4° 36'·9S., 114° 40'·8E.
		4° 43'·0S., 114° 53'·7E.
		4° 45'·0S., 114° 52'·9E.

Chart 3029 [previous update 1066/24] WGS84 DATUM

Insert	★ Fl.1·5s10m8M	3° 21'·1S., 114° 05'·0E.
	leading line, pecked line for 4150m then firm line for 7000m, extending in direction 174°, from:	(a) 3° 20'·8S., 114° 05'·0E.
	legend, 354°, seaward end of:	(a) above
	drying height, 02, enclosed by 0m low water line	3° 36'·8S., 114° 30'·1E.
	depth, 96, and extend 10m contour NW to enclose	(b) 3° 49'·7S., 114° 30'·6E.
Delete	depth, 13, close NW of:	(b) above
Insert	depth, 43, enclosed by 5m contour	(c) 3° 50'·0S., 114° 33'·3E.
Delete	depth, 55, close SE of:	(c) above
Insert	submarine cable, ~~~, joining:	3° 52'·4S., 114° 36'·6E.
		3° 52'·6S., 114° 33'·4E.
		3° 53'·2S., 114° 28'·9E.
		4° 06'·6S., 114° 26'·6E.
		4° 07'·8S., 114° 27'·6E.
		4° 19'·7S., 114° 27'·4E.
		4° 25'·3S., 114° 28'·9E.
		4° 30'·4S., 114° 31'·1E.
		4° 36'·9S., 114° 40'·8E.
		4° 41'·5S., 114° 51'·0E.
	depth, 96, enclosed by 10m contour	3° 54'·8S., 114° 31'·4E.
	depth, 88, and extend 10m contour SW to enclose	3° 56'·0S., 114° 32'·9E.
	depth, 59, and extend 10m contour W to enclose	4° 06'·8S., 114° 33'·4E.
Amend	light-buoy to, LFl.10s	3° 27'·0S., 114° 05'·7E.
Replace	★ Fl.1·5s10m8M with ★ Fl.R.1·5s10m8M	3° 21'·2S., 114° 04'·0E.

II

3696 INDONESIA - Sulawesi - Light.

Source: ENC ID50539A

Chart 2952 [*previous update 3251/24*] WGS84 DATUM

Amend light to, Fl(2)6s12·5m6M

1° 57′·9S., 121° 26′·5E.

3719 MALAYSIA - Sarawak - Legend.

Source: Marine Department, Sarawak Notice 101(T)/24

Chart 1949 (INT 5777) [*previous update 4317/23*] WGS84 DATUM

Insert legend, Works in progress (2024), centred on:

4° 36′·00N., 113° 57′·90E.

3731 INDONESIA - Kalimantan - Light. Rock.

Source: ENC ID300125

Chart 2795 [*previous update 3679/24*] WGS84 DATUM

Amend range of light to, 15M

2° 58′·3S., 116° 22′·5E.

Chart 2892 [*previous update 3431/24*] WGS84 DATUM

Insert 

2° 24′·6S., 117° 16′·8E.

Amend range of light to, 15M

2° 58′·3S., 116° 22′·5E.

Chart 2893 [*previous update 2968/24*] WGS84 DATUM

Insert 

2° 24′·6S., 117° 16′·8E.

3697 UNITED STATES OF AMERICA - West Coast - Light.

Source: ENC US3CA70M

Chart 4910 [*previous update 709/24*] NAD83 DATUM

Delete  Fl.4s19m9M

33° 23′·3N., 117° 35′·8W.

3760 UNITED STATES OF AMERICA - West Coast - Obstruction.

Source: ENC US3CA70M

Chart 897 [*previous update 114/24*] NAD83 DATUM

Insert  *Obstn PA*

32° 38′·57N., 117° 09′·15W.

II

3720 CHILE - Tierra del Fuego - NM Block.

Source: Chilean Notice 5/28/24

Chart 1373 [*previous update 2100/24*] UNDETERMINED DATUM

Insert the accompanying block, centred on: 55° 00'·1S., 67° 40'·1W.

3724 ARGENTINA - Buoyage. NM Block.

Source: Argentine Notice 4/59/24 and UKHO

Chart 1329 (Panel B, Punta Alvear) [*previous update New Edition 24/11/2022*] WGS84 DATUM

Insert	 Fl(4)R.16s Km 407·8	(a) 33° 02'·380S., 60° 34'·420W.
Delete	 Fl(4)R.12s Km 407·9, close NW of:	(a) above
	 Fl(4)R.16s Km 407·2	33° 02'·730S., 60° 34'·080W.

Chart 1329 [*previous update New Edition 24/11/2022*] WGS84 DATUM

Insert the accompanying block, centred on: 33° 03'·0S., 60° 33'·5W.

3695 CANADA - Gulf of Saint Lawrence - Fog signal.

Source: Canadian Notice 5/4023/24

Chart 4765 [*previous update 2858/24*] NAD83 DATUM

Delete fog signal, BELL, at light-buoy 46° 16'·6N., 64° 29'·1W.

3699 CANADA - Newfoundland and Labrador - Light.

Source: Canadian Notice 5/4021/24

Chart 4731 [*previous update 3201/23*] NAD83 DATUM

Amend light to, Fl 5s80ft6M 49° 28'·9N., 58° 08'·1W.

3706 UNITED STATES OF AMERICA - East Coast - Dredged depths. Depths.

Source: ENC US5MIACC

Chart 3698 [*previous update 146/24*] NAD83 DATUM

Amend	dredged depth to, 5ft (2022), centred on:	25° 46'·200N., 80° 08'·537W.
	dredged depth to, 29ft (2022), centred on:	25° 45'·869N., 80° 08'·582W.
Replace	depth, 29, with depth, 26	25° 46'·177N., 80° 08'·746W.
	depth, 22, with depth, 13, enclosed by 18ft contour	25° 45'·806N., 80° 08'·485W.

II

3726 UNITED STATES OF AMERICA - East Coast - Buoyage.

Source: US2EC03M

Chart 2861 [*previous update 3393/24*] NAD83 DATUM

Delete

 *Fl.Y.4s 'I'*

36° 36'·4N., 74° 59'·7W.

 *Fl.Y.4s 'H'*

37° 32'·1N., 74° 44'·8W.

3733 UNITED STATES OF AMERICA - East Coast - Buoyage.

Source: ENC US5MRHDB

Chart 3686 (Panel, Morehead City) [*previous update 4934/23*] NAD83 DATUM

Move

 *Fl.G.4s 'I7'*, from:

34° 41'·914N., 76° 40'·462W.

to:

34° 41'·986N., 76° 40'·623W.

 *Fl.R.4s 'I4'*, from:

34° 41'·491N., 76° 40'·092W.

to:

34° 41'·560N., 76° 40'·105W.

3683(T)/24 RUSSIA - Barents Sea Coast - Buoy.

Source: Russian Notice 13/1186(T)/24

1. The yellow conical light-buoy, *Fl*, in position 73° 00'·6N., 43° 50'·2E. is reported missing.
(WGS84 DATUM)

Chart affected - 2683

3678(T)/24 SWEDEN - West Coast - Buoy.

Source: Swedish Notice 1023/18576(T)/24

1. The spherical light-buoy, *Fl(5) Y 20s ODAS*, in position 56° 01'·200N., 12° 41'·224E., has been temporarily removed.
(WGS84 DATUM)

Charts affected - 876 - 877 (INT 1337)

3735(T)/24 SWEDEN - East Coast - Buoy.

Source: Swedish Notice 1024/18588(T)/24

1. The conical light-buoy, *Fl G 3s 22*, in position 65° 32'·72N., 22° 16'·28E., has been temporarily removed.
(WGS84 DATUM)

Chart affected - 1010

II

3676(T)/24 NETHERLANDS - Platform.

Source: Netherlands Notice 28/228(T)/24

1. An unlit platform has been established in position 52° 11'·02N., 4° 06'·32E.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Charts affected - 122 (INT 1472) - 130 (INT 1423)

3746(T)/24 NETHERLANDS - Restricted area.

Source: Netherlands Notice 29/238(T)/24

1. A restricted area, entry prohibited, has been temporarily established joining the following positions:
51° 04'·46N., 3° 44'·24E.
51° 04'·54N., 3° 44'·23E.
51° 04'·54N., 3° 44'·18E.
51° 04'·45N., 3° 44'·20E.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Chart affected - 114 (INT 1476)

3673(T)/24 PORTUGAL - West Coast - Buoy.

Source: Portuguese Notice 3/161(T)/24

1. The *ODAS* superbuoy, *Fl(5)Y.20s CSA 88/2*, in position 39° 33'·61N., 9° 12'·57W., has been temporarily removed.
(WGS84 DATUM)

Chart affected - 3635

3698(P)/24 PORTUGAL - West Coast - Alongside depths. Coastline. Drying height. Obstruction. Works.

Source: Portuguese Notice 3/171(P)/24

1. There have been numerous changes to existing charted detail within the Port of Sines. The most significant are as follows:
2. Works are in progress within an area bounded by the following positions:
37° 56'·141N., 8° 51'·139W.
37° 56'·109N., 8° 51'·085W.
37° 56'·000N., 8° 51'·221W.
37° 56'·024N., 8° 51'·297W.
3. Terminal extension works have taken place in an area bounded by the following positions:
37° 55'·818N., 8° 50'·429W.
37° 55'·780N., 8° 50'·405W.
37° 55'·745N., 8° 50'·347W.
37° 55'·711N., 8° 50'·380W.
37° 55'·778N., 8° 50'·491W.

II

3698(P)/24 PORTUGAL - West Coast - Alongside depths. Coastline. Drying height. Obstruction. Works. (continued)

4. Alongside depths less than charted exist in the following positions:

<i>Depth</i>	<i>Position</i>
16·8m	37° 56'·285N., 8° 51'·422W.
16·9m	37° 56'·357N., 8° 51'·539W.

5. An obstruction, with a known drying height of 2·2m, exists in position 37° 56'·024N., 8° 51'·546W.
 6. Mariners are advised to navigate with caution in the area.
 7. Charts will be updated when full details are available.
 (WGS84 DATUM)

Chart affected - 3224 (INT 1882)

3704(T)/24 PORTUGAL - South Coast - Buoyage.

Source: Portuguese Notices 1/120(T)/22 and 3/163-165(T)/24

- The special purpose light-buoys marking the artificial reef in position 37° 05'·56N., 8° 35'·05W. may be temporarily extinguished or removed.
- Mariners are advised to navigate with caution in the area.
- Former Notices 4084(T)/22 and 2478(T)/23 are cancelled.
(WGS84 DATUM)

Chart affected - 83

3708(T)/24 PORTUGAL - South Coast - Buoyage.

Source: Portuguese Notices 11/356(T)-357(T)/21, 8/273(T)-274(T)/22 and 3/167(T)-168(T)/24

1. The following light-buoys have been removed:

<i>Characteristic</i>	<i>Designation</i>	<i>Buoy Type</i>	<i>Position</i>
<i>Q(6)+LFl.15s</i>	'SE'	South Cardinal	36° 59'·99N., 7° 43'·97W.
<i>Q(3)10s</i>	'E'	East Cardinal	37° 00'·86N., 7° 41'·59W.
<i>Q</i>	'NW'	North Cardinal	37° 01'·00N., 7° 44'·48W.

- *The south cardinal light-buoy, *Q(6)+LFl.15s 'S'*, in position 36° 59'·28N., 7° 46'·19W., is unlit and has been moved. The buoy is now in position 36° 59'·42N., 7° 45'·87W.
- *The following cardinal light-buoy has been moved:

<i>Characteristic</i>	<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
<i>Q(9)15s</i>	'W'	37° 00'·29N., 7° 46'·78W.	37° 00'·43N., 7° 46'·38W.

- *Former Notice 928(T)/23 is cancelled.
 *Indicates new or revised entry
 (WGS84 DATUM)

Chart affected - 93

II

3686(T)/24 GHANA - Buoyage. Automatic Identification Systems.

Source: Ghana Maritime Authority

1. The yellow special purpose light-buoys and associated Automatic Identification Systems, *AIS*, in the following positions are reported to be missing:

<i>Characteristic</i>	<i>Designation</i>	<i>Position</i>
<i>Fl. 4s</i>	<i>No 9</i>	4° 50'·0N., 2° 43'·2W.
<i>Fl. 4s</i>	<i>No 10</i>	4° 47'·5N., 2° 46'·0W.

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

Chart affected - 1383 (INT 2806)

3701(T)/24 ANGOLA - Buoy.

Source: Portuguese Notice 03/170(T)/24

1. The special purpose light-buoy, *Fl(5)Y.25s Kaombo South*, in position 7° 21'·9S., 11° 18'·1E. has been temporarily extinguished.
2. A safety area, radius 500 metres, has been established centred on this position.
3. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Charts affected - 306 (INT 2814) - 307 (INT 2550)

3748(P)/24 MOROCCO - West Coast - Wreck.

Source: French Notice 28/10(P)/24

1. A wreck, depth unknown, is reported to exist in the vicinity of position 30° 23'·89N., 9° 41'·40W.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Chart affected - 863

3728(P)/24 BAHRAIN - Depths.

Source: UKHO

1. Depths less than charted are reported to exist within Khawr al Qulay'ah. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
6·6m	26° 11'·948N., 50° 39'·009E.
6·1m	26° 11'·918N., 50° 39'·047E.
6·3m	26° 11'·905N., 50° 39'·061E.
7·9m	26° 11'·906N., 50° 39'·106E.
7·8m	26° 11'·885N., 50° 39'·080E.
6·8m	26° 11'·859N., 50° 39'·104E.
5·8m	26° 11'·837N., 50° 39'·123E.

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

Chart affected - 3736 (INT 7258)

II

3752(P)/24 SINGAPORE - Alongside depths. Berths.

Source: Maritime and Port Authority of Singapore

1. Alongside depths at Tanjong Pagar Terminal have changed for the following berths:

<i>Berth</i>	<i>Alongside Depths (Year Surveyed)</i>	<i>Position</i>
T6	11·9m (2024)	1° 15'·850N., 103° 50'·870E.
T7	10·6m (2024)	1° 15'·960N., 103° 50'·770E.

2. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.
3. Former Notice 4676(T)/23 is cancelled.
(WGS84 DATUM)

Chart affected - 4037

3755(T)/24 SINGAPORE - Wreck.

Source: Maritime and Port Authority of Singapore

1. A sunken vessel, *Jolly Ranger*, least depth 29·6m, exists in position 1° 17'·38N., 103° 58'·01E. , within Eastern Special Purposes A Anchorage (AESPA).
2. A Virtual aid to navigation (V-AIS), isolated danger topmark, with MMSI no. 995636003, has been established to mark the sunken vessel.
3. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Charts affected - 3831 - 3833 - 4041 - 4043

3687(T)/24 CHINA - East Coast - Buoy.

Source: Chinese Notice 24/929/24

1. An emergency wreck marking buoy, to indicate a new wreck, has been established in position 31° 38'·0N., 122° 43'·0E. Virtual-AIS may also be established to indicate the new wreck.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Charts affected - 2412 - 3480

3689(T)/24 VIETNAM - Works. Dredged area.

Source: VMS-South Notice 156/24

1. Dredging works are taking place in the area bounded by the following positions:

10° 39'·09N., 106° 44'·63E.
10° 38'·84N., 106° 44'·91E.
10° 38'·80N., 106° 44'·76E.
10° 38'·96N., 106° 44'·60E.

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

Chart affected - 1036

II

3740(T)/24 JAPAN - Honshū - Wreck.

Source: Japanese Notice 29/5383(T)/24

1. A wreck with depth about 18m, exists in position 35° 32' 42·0"N., 139° 50' 37·3"E.
(WGS84 DATUM)

Charts affected - JP 1061 - JP 1065

3741(T)/24 JAPAN - Honshū - Obstruction.

Source: Japanese Notice 29/5384(T)/24

1. An underwater obstruction, depth 21·2m, exists in position 35° 31' 50N., 139° 51' 80E.
(WGS84 DATUM)

Chart affected - JP 1061

3742(T)/24 JAPAN - Honshū - Depths.

Source: Japanese Notice 29/5385(T)/24

1. Depths of 4·5m exist in the following positions:

35° 37' 12·1"N., 139° 49' 47·4"E.

35° 37' 10·3"N., 139° 49' 46·9"E.

(WGS84 DATUM)

Chart affected - JP 1065

3743(T)/24 JAPAN - Honshū - Depth.

Source: Japanese Notice 29/5386(T)/24

1. A depth of 9·7m exists in position 34° 42' 09·4"N., 137° 15' 32·5"E.
(WGS84 DATUM)

Chart affected - JP 1057B

II

3744(T)/24 JAPAN - Kyūshū - Works. Submarine power cable.

Source: Japanese Notice 29/5387(T)/24

1. Submarine power cable laying works are taking place, until 31 March 2025, within an area bounded by the coastline and the following positions:

33° 56' 43"N., 130° 45' 09"E.
33° 58' 12"N., 130° 45' 52"E.
33° 59' 20"N., 130° 45' 52"E.
33° 59' 23"N., 130° 46' 18"E.
33° 58' 17"N., 130° 46' 22"E.
33° 57' 25"N., 130° 46' 43"E.
33° 56' 46"N., 130° 48' 00"E.
33° 56' 57"N., 130° 48' 31"E.
33° 58' 09"N., 130° 49' 19"E.
33° 59' 37"N., 130° 47' 31"E.
34° 00' 16"N., 130° 46' 31"E.
33° 59' 45"N., 130° 44' 03"E.
33° 59' 45"N., 130° 41' 54"E.
33° 56' 35"N., 130° 42' 01"E.
33° 56' 36"N., 130° 43' 44"E.
33° 56' 32"N., 130° 43' 56"E.
33° 55' 59"N., 130° 43' 55"E.

(WGS84 DATUM)

Charts affected - JP 135 - JP 201 - JP 1266 - JP 1267

3711(T)/24 KOREA - West Coast - Buoyage.

Source: Korean Notice 26/384(T)/24

1. Special purpose light-buoys, *Fl(4)Y.8s*, have been established as follows:

<i>Designation</i>	<i>Position</i>
<i>A</i>	35° 58'·26N., 126° 27'·80E.
<i>B</i>	35° 58'·35N., 126° 28'·13E.
<i>C</i>	35° 58'·45N., 126° 28'·51E.
<i>D</i>	35° 58'·55N., 126° 28'·89E.
<i>E</i>	35° 58'·16N., 126° 29'·08E.
<i>F</i>	35° 58'·04N., 126° 28'·71E.
<i>G</i>	35° 57'·92N., 126° 28'·35E.
<i>H</i>	35° 57'·74N., 126° 27'·80E.

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

Chart affected - 1008

3729(T)/24 KOREA - South Coast - Buoy.

Source: Korean Notices 12/207(T)/23 and 17/240/24

1. A yellow ODAS light-float, *Fl(5)Y.20s No B*, has been established in position 33° 58'·31N., 126° 40'·38E.
2. Mariners are advised to navigate with caution in the area.
3. *Former Notice 2564(T)/23 is cancelled.
*Indicates new or revised entry
(WGS84 DATUM)

Charts affected - 3365 (INT 5252) - 3480 - 3929

II

3749(T)/24 AUSTRALIA - Western Australia - Scientific instruments.

Source: Australian Notice 5/212(T)/20 and UKHO

1. Subsurface scientific instruments exist in the following positions:

<i>Position</i>	<i>Depth</i>
31° 38'·8S., 115° 11'·8E.	24m below surface
31° 43'·7S., 115° 02'·5E.	23m below surface
31° 59'·4S., 115° 23'·1E.	22m below surface

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

Charts affected - 4708 (INT 708) - 4709 (INT 709)

3712(T)/24 NEW ZEALAND - South Island - Works. Restricted area.

Source: New Zealand Notice 15/62(T)/24

1. Harbour works are taking place in the vicinity of Picton Wharves
2. A works in progress area has been established to the western side of the line bounded by the following positions:

41° 17'·139S., 174° 00'·363E.
41° 17'·044S., 174° 00'·407E.
41° 17'·002S., 174° 00'·391E.

3. Entry into the area is restricted due to the operations taking place, including diving operations.
4. Mariners are advised to navigate with caution in the area and to consult Picton Harbour Radio on VHF Channel 18 for the latest information.
(WGS84 DATUM)

Chart affected - NZ 6154

3717(P)/24 NEW ZEALAND - North Island - Works. Buoyage.

Source: New Zealand Notice 15/61(P)/24

1. Mariners are advised that for the construction of an artificial reef, a Work in Progress area has been established bounded by the shoreline and the following positions:

41° 13'·52S., 174° 51'·37E.
41° 13'·71S., 174° 51'·37E.
41° 13'·71S., 174° 51'·19E.
41° 13'·80S., 174° 50'·95E.
41° 13'·66S., 174° 50'·95E.

2. The area is marked by South Cardinal light-buoys, *VQ(6)+LFl.10s*, established in the following positions:

41° 13'·71S., 174° 51'·37E.
41° 13'·71S., 174° 51'·19E.
41° 13'·80S., 174° 50'·95E.

3. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.
4. Charts will be updated in due course.
(WGS84 DATUM)

Chart affected - NZ 4633

II

3736(P)/24 BRAZIL - South Coast - Marine Reserves. Depths.

Source: ENC BR501623

1. Marine Reserves, trawling prohibited, have been established within areas bounded by the following positions:

23° 01'·00S., 43° 59'·67W.

22° 58'·95S., 43° 59'·67W.

22° 58'·95S., 43° 57'·07W.

23° 01'·00S., 43° 57'·07W.

and

23° 01'·00S., 43° 54'·68W.

22° 58'·95S., 43° 54'·68W.

22° 58'·95S., 43° 52'·18W.

23° 01'·00S., 43° 52'·18W.

2. Depths deeper than charted exist between the following positions:

22° 59'·73S., 43° 58'·94W.

and

22° 58'·85S., 43° 57'·24W.

3. These changes will be included in a New Edition of Chart 431 to be published late 2024.
4. Chart 432 will be updated by Notice to Mariners.
(WGS84 DATUM)

Chart affected - 431

3722(P)/24 MEXICO - Gulf of Mexico - Pier. Berth.

Source: UKHO

1. Terminal Remota Berth 3 is reported to have been extended southwards, joining the following approximate positions:

21° 20'·722N., 89° 40'·283W.

21° 20'·694N., 89° 40'·283W.

21° 20'·693N., 89° 40'·395W.

21° 20'·719N., 89° 40'·414W.

21° 20'·720N., 89° 40'·389W.

2. The existing pier to the south of the cruise terminal is reported to have been extended westwards, joining the following approximate positions:

21° 20'·313N., 89° 40'·405W.

21° 20'·314N., 89° 40'·498W.

21° 20'·371N., 89° 40'·501W.

21° 20'·372N., 89° 40'·377W.

21° 20'·361N., 89° 40'·376W.

21° 20'·362N., 89° 40'·404W.

3. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.
4. Chart 1307 will be updated when full details are available.
(WGS84 DATUM)

Chart affected - 1307

II

3723(T)/24 WEST INDIES - Windward Islands - Wreck.

Source: mv Dawn

1. A dangerous wreck has been reported in approximate position 12° 35'·75N., 61° 24'·72W.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Chart affected - 794

3730(P)/24 VENEZUELA - Pilot boarding places.

Source: ENC's VE501301 and VE401003

1. New pilot boarding places have been established in the following approximate positions:
10° 40'·85N., 71° 34'·25W.
10° 39'·34N., 71° 34'·89W.
2. Charts will be updated when full details are available.
(WGS84 DATUM)

Charts affected - 1520 - 1521

3734(P)/24 UNITED STATES OF AMERICA - East Coast - Works. Wind farm. Submarine power cables. Restricted areas.

Source: ENC's US3DE01M, US3NY01M and Bureau of Ocean Energy Management

1. *Works are in progress to establish offshore wind farms associated with Wind Projects between Chesapeake Bay and Nantucket Island.
2. *Wind farm construction work is taking place, within an area bounded by the following positions:
35° 21'·17N., 76° 44'·05W.
35° 21'·53N., 73° 33'·30W.
38° 59'·61N., 71° 59'·00W.
39° 01'·32N., 69° 41'·38W.
41° 16'·32N., 69° 40'·82W.
41° 15'·60N., 71° 17'·54W.
40° 31'·94N., 73° 41'·89W.
3. A safety zone of 500 metres becomes operational around the turbines under construction.
4. *Cable laying operations will also be conducted between the shore and wind farms under construction.
5. *Mariners are advised to navigate with caution, as construction equipment may be moving in the area. Please refer to US Coast Guard District 1 Local Notices to Mariners and the Bureau of Ocean Energy Management for information on Safety Zones.
6. *Please refer to the US ENC's for latest details on offshore wind farms.
7. *Charts will be updated when works are complete.
8. *Former notice 1565(P)/24 is cancelled.
*Indicates new or revised entry
(NAD83 DATUM)

Charts affected - 2456 - 2492 - 2670 - 2710 - 2730 - 2755 - 2860 - 2890 - 2919

To accompany Notice to Mariners 3703/24

On Chart 34

HISTORIC WRECKS
The sites of historic wrecks are protected from
unauthorised interference.

To accompany Notice to Mariners 3707/24

On Chart 1728

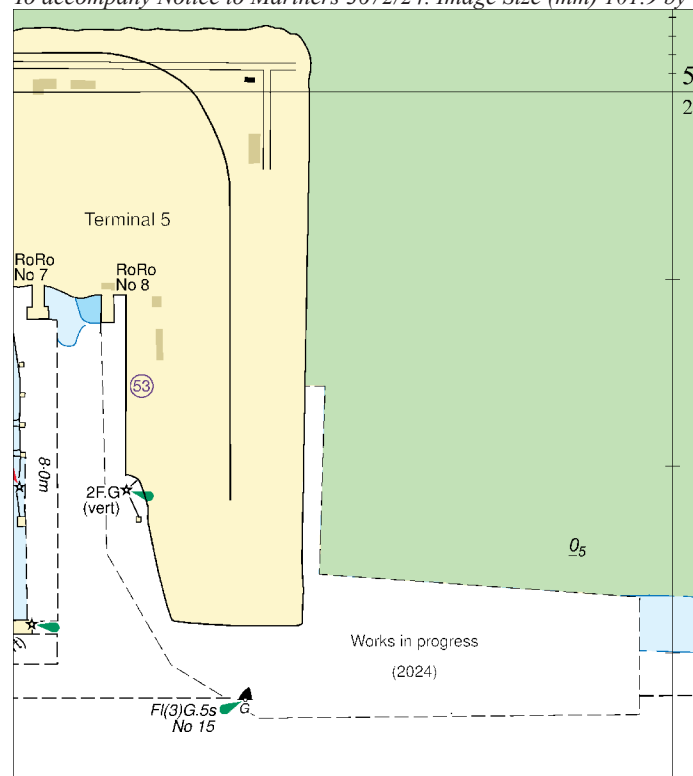
VESSEL REPORTING
For details of the Weizhou Dao VTS, see
ADMIRALTY List of Radio Signals.

To accompany Notice to Mariners 3707/24

On Chart 3992

VESSEL REPORTING
For details of the Weizhou Dao VTS, see
ADMIRALTY List of Radio Signals.

To accompany Notice to Mariners 3672/24. Image Size (mm) 101.9 by 90.2



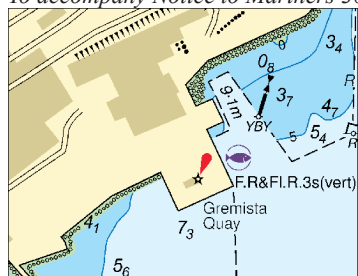
Block for Chart No 1447

To accompany Notice to Mariners 3681/24. Image Size (mm) 57.1 by 72.1



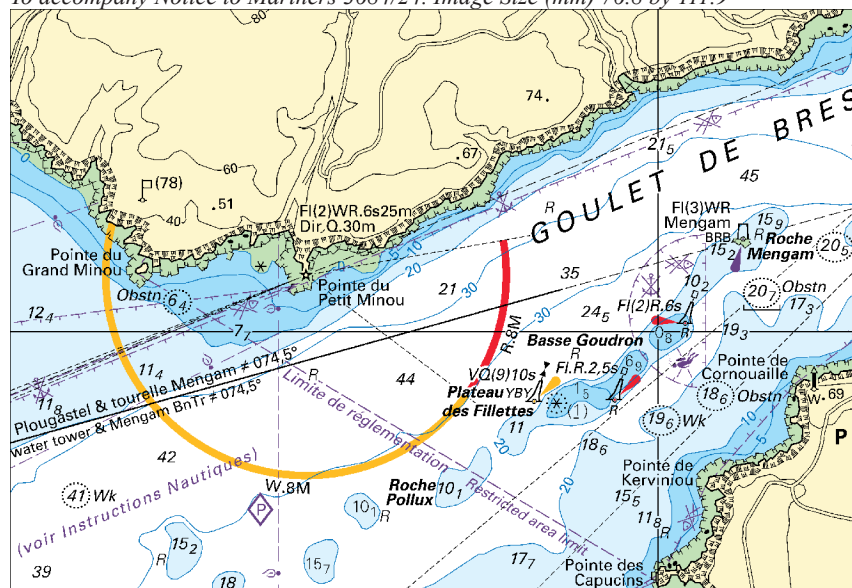
Block for Chart No 3270

To accompany Notice to Mariners 3681/24. Image Size (mm) 35.8 by 46.2



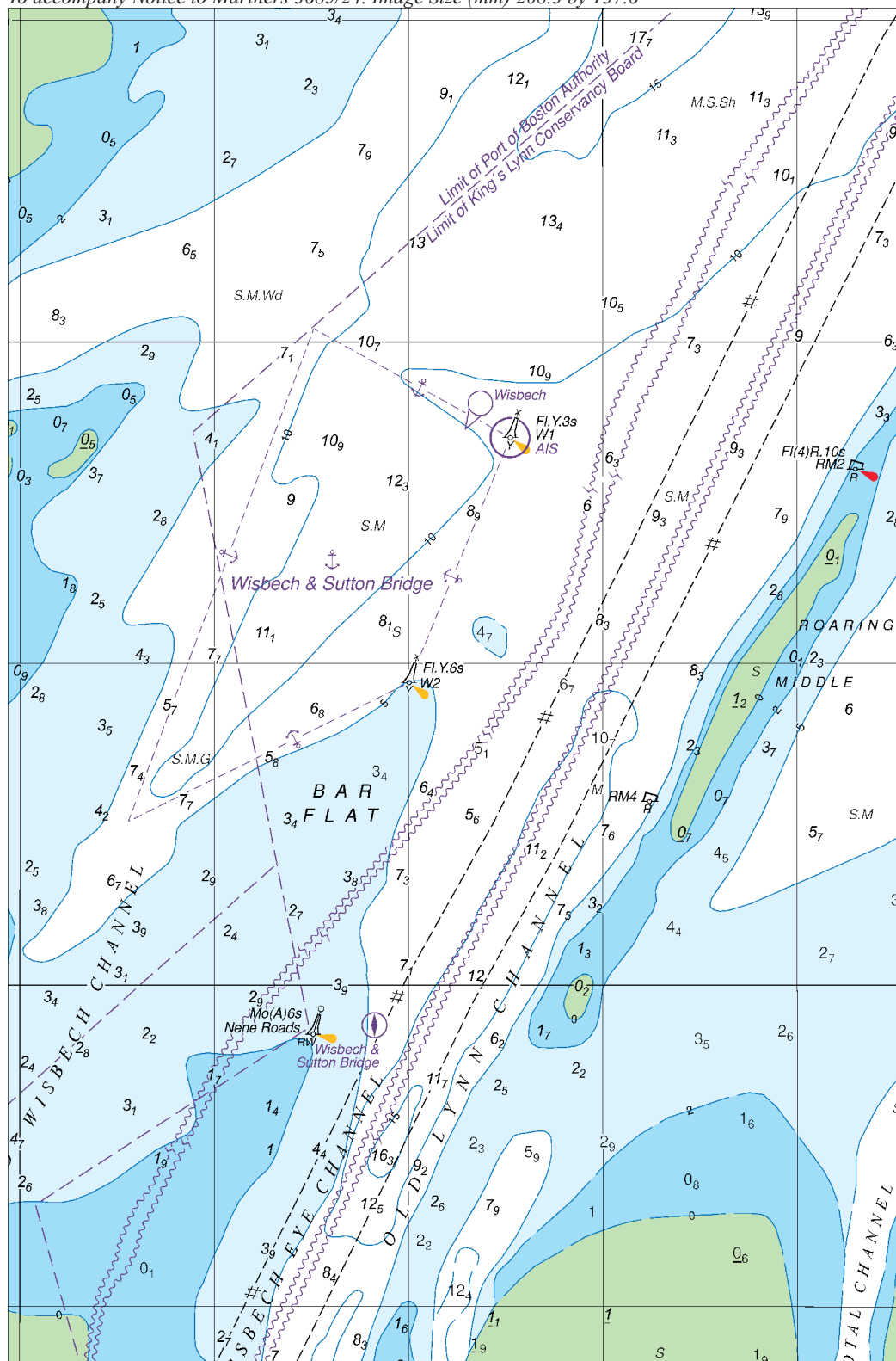
Block for Chart No 3271

To accompany Notice to Mariners 3684/24. Image Size (mm) 76.8 by 111.9



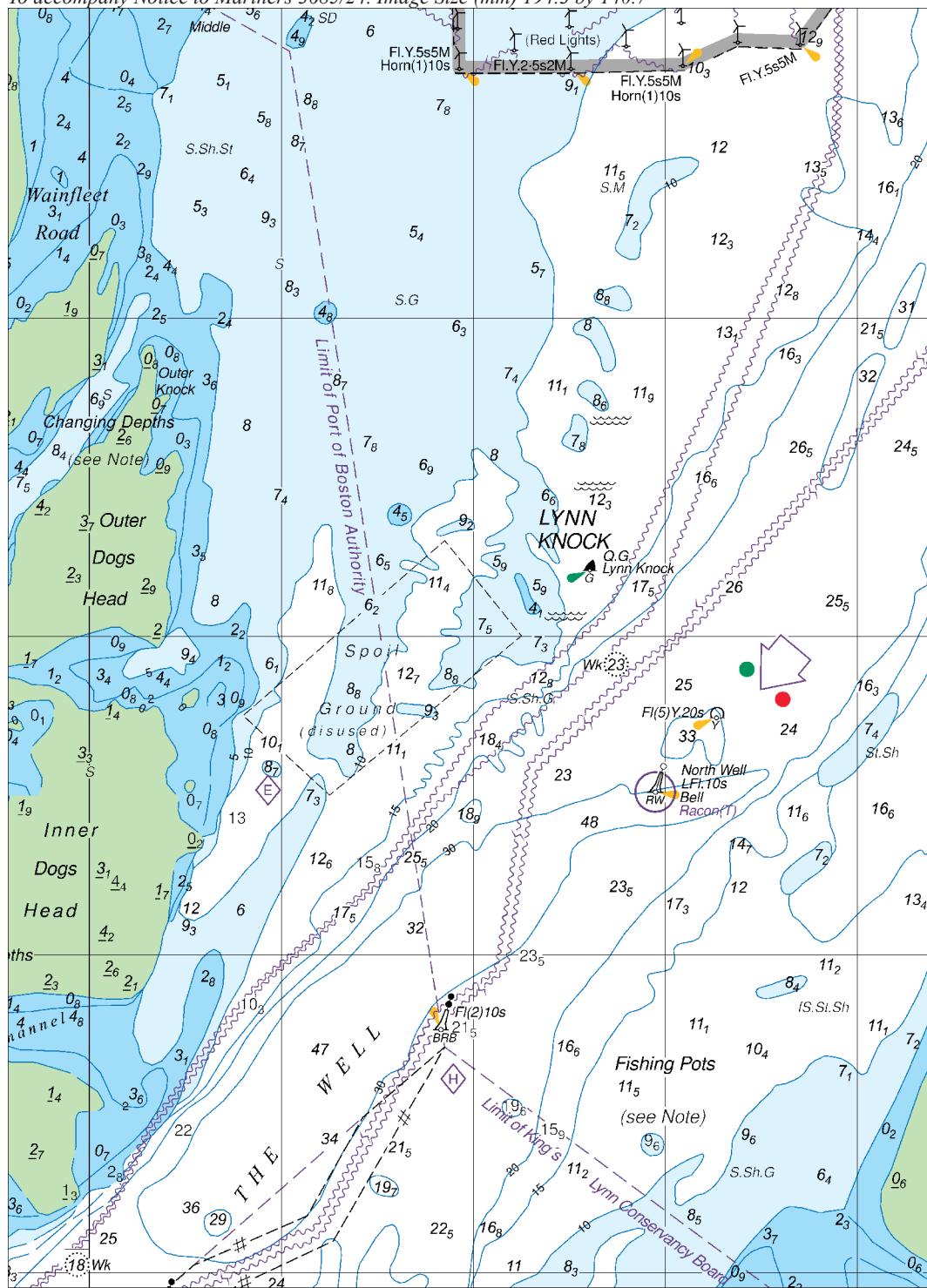
Block for Chart No 2356

To accompany Notice to Mariners 3685/24. Image Size (mm) 208.3 by 137.6



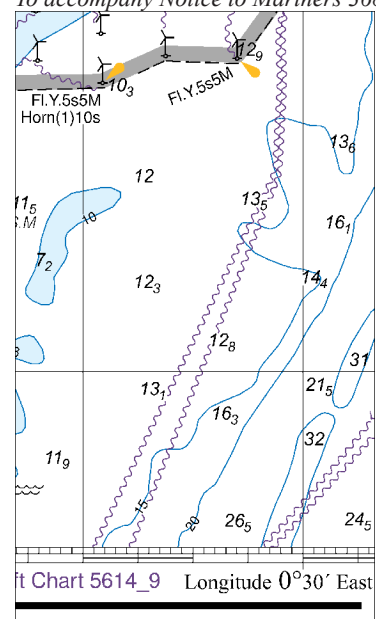
Block for Chart No 5614_11

To accompany Notice to Mariners 3685/24. Image Size (mm) 194.3 by 140.7



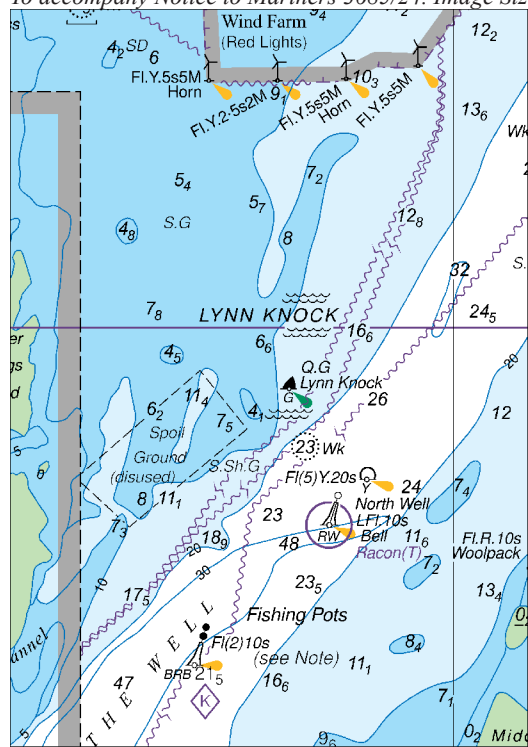
Block for Chart No 5614_9

To accompany Notice to Mariners 3685/24. Image Size (mm) 80.7 by 47.5



Block for Chart No 5614_13

To accompany Notice to Mariners 3685/24. Image Size (mm) 97.5 by 68.4



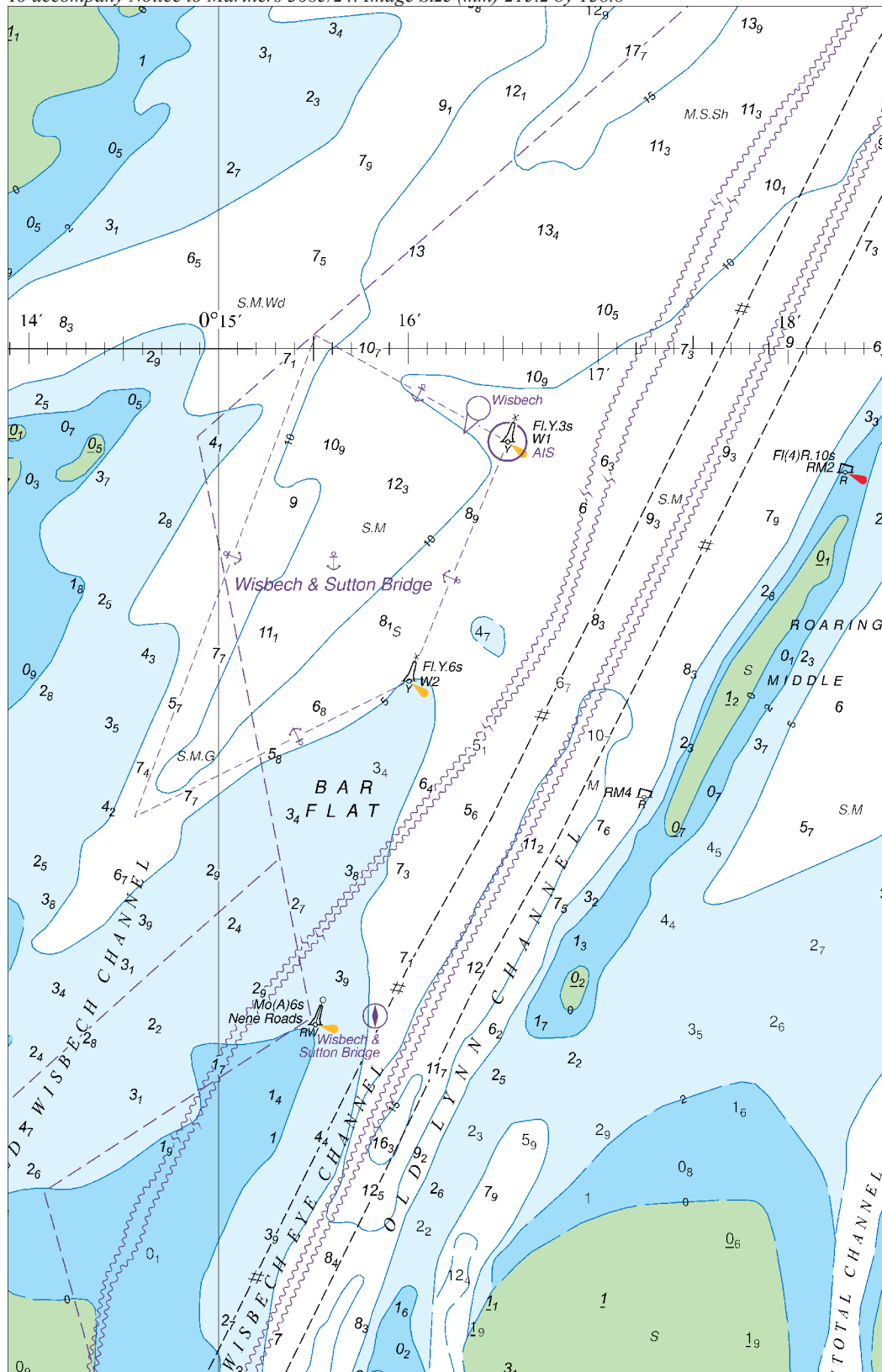
Block for Chart No 5614_8

This nautical chart depicts the Lynn Knock area, showing depth contours, navigational aids, and geographical features. The chart includes labels for 'Wainfleet Road', 'Outer Dogs Head', 'Inner Dogs Head', 'Lynn Knock', 'The Well', and 'Fishing Pots'. It also shows various navigational aids like 'FL(2)10s', 'FL(5)20s', and 'FL(1)10s'. The chart is bounded by coordinates 53° 05' N and 0° 55' E.

Wk32/24

Wk32/24

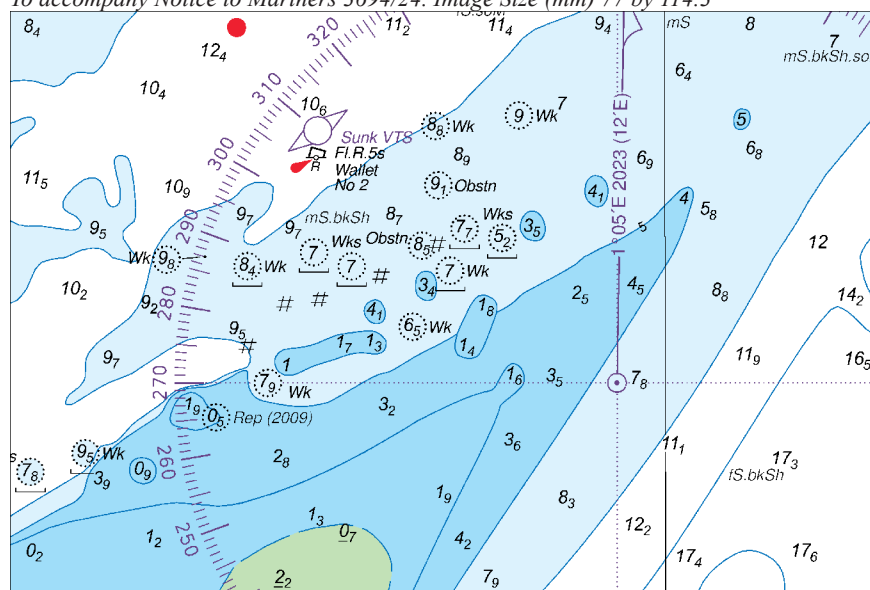
To accompany Notice to Mariners 3685/24. Image Size (mm) 215.2 by 138.8



Block for Chart No 1200

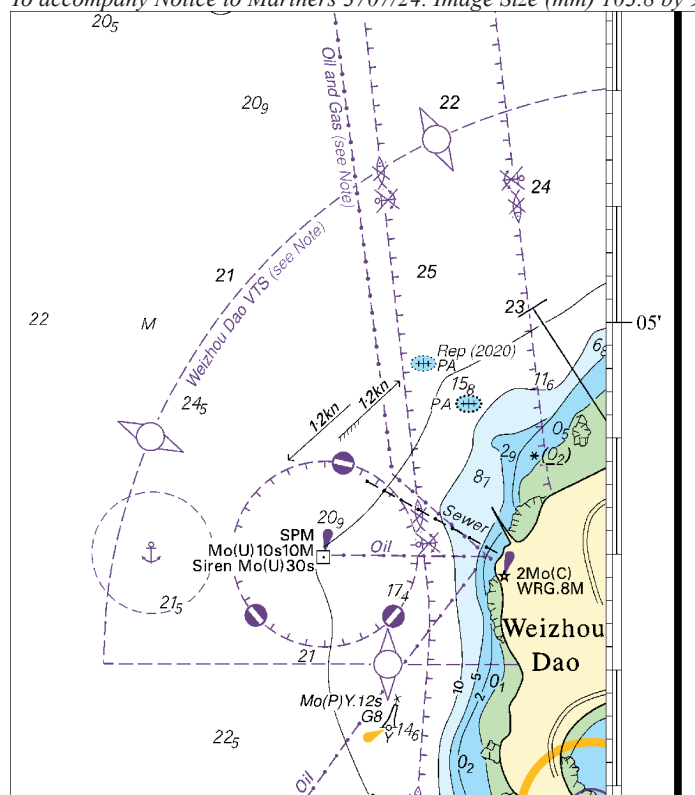
Wk32/24

To accompany Notice to Mariners 3694/24. Image Size (mm) 77 by 114.3



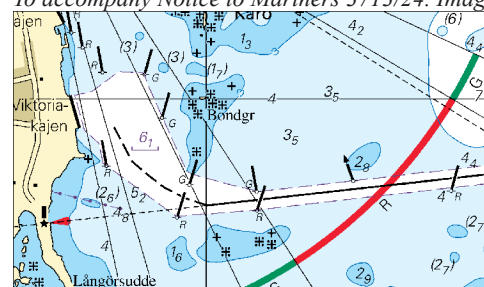
Block for Chart No 1975

To accompany Notice to Mariners 3707/24. Image Size (mm) 103.8 by 91.1

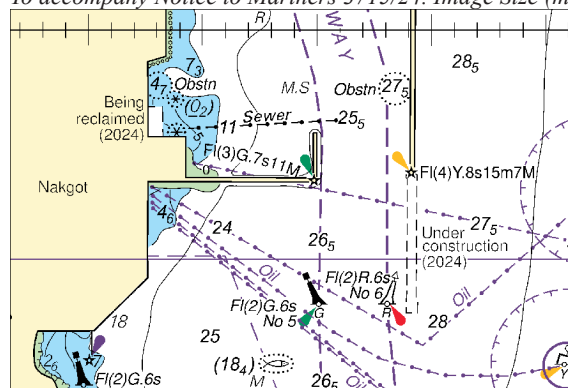


Block for Chart No 3992

To accompany Notice to Mariners 3713/24. Image Size (mm) 36.5 by 62.6



To accompany Notice to Mariners 3715/24. Image Size (mm) 50.6 by 74.6



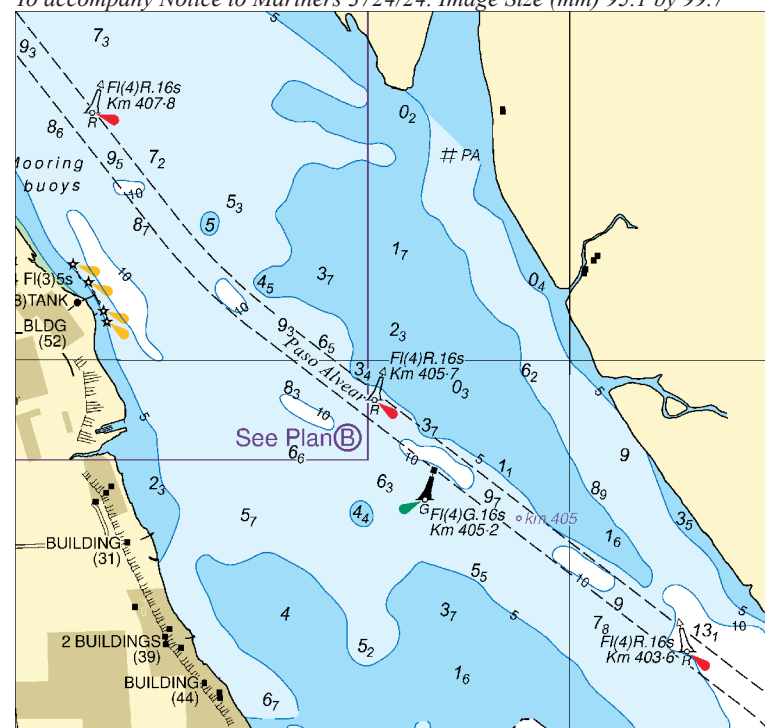
Block for Chart No 896

Wk32/24

[illegible]

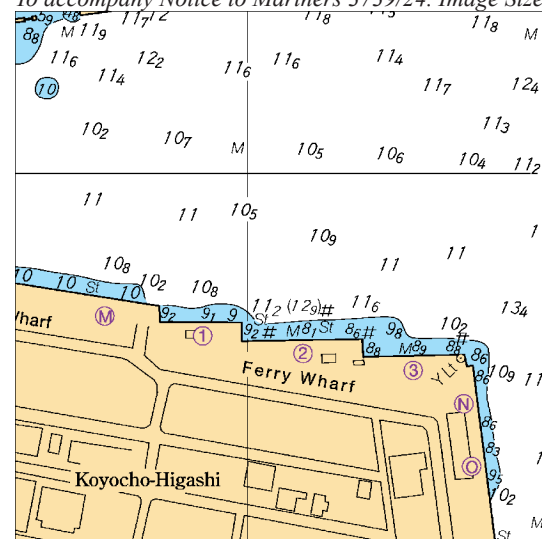
Wk32/24

To accompany Notice to Mariners 3724/24. Image Size (mm) 95.1 by 99.7



Block for Chart No 1329

To accompany Notice to Mariners 3739/24. Image Size (mm) 69.9 by 69.9

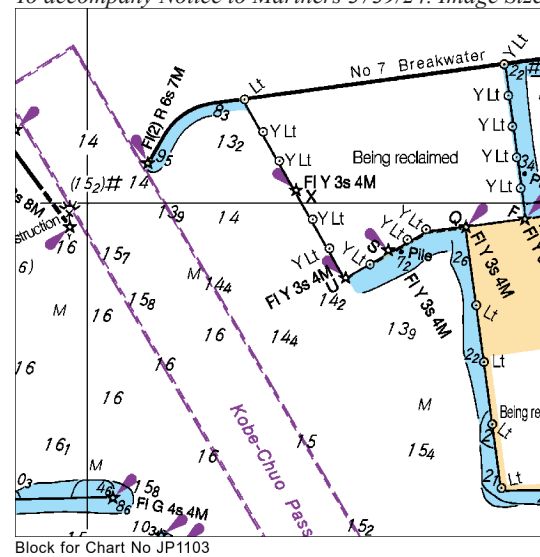


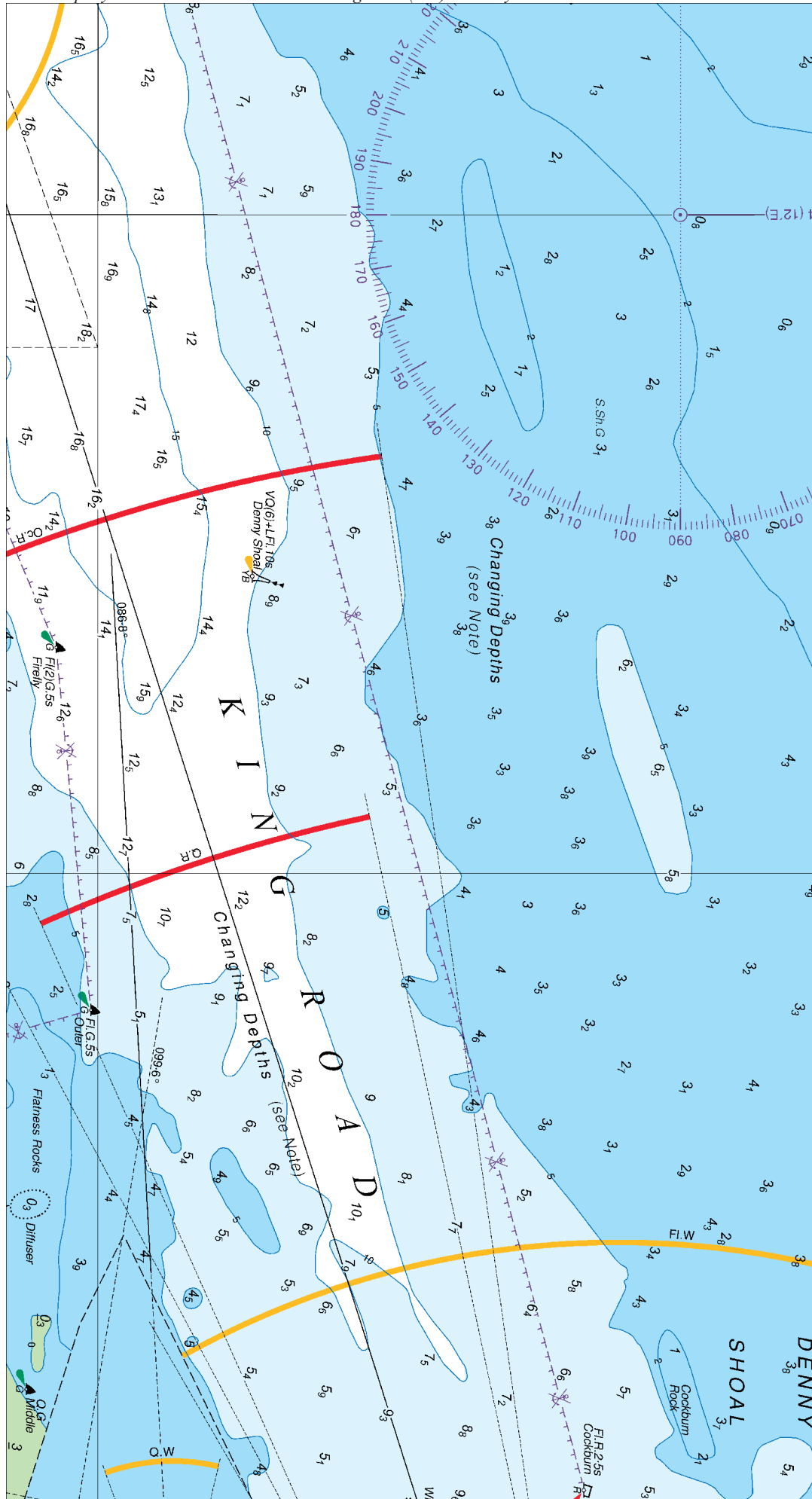
Block A for Chart No JP101A

Wk32/24

Wk32/24

To accompany Notice to Mariners 3739/24. Image Size (mm) 69.9 by 69.9





III

NAVIGATIONAL WARNINGS

See *The Mariner's Handbook* (2023 Edition). Only the most convenient ADMIRALTY Chart is quoted. All warnings issued within the previous 42 days are broadcast via Enhanced Group Call (EGC) and/or NAVTEX.

The complete texts of all in-force NAVAREA I warnings, including those which are no longer being broadcast, are available from <https://msi.admiralty.co.uk/RadioNavigationalWarnings>. 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

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.

Weekly Edition 32 published on the UKHO website 29 July 24.

Navarea I (NE Atlantic) Weekly Edition 32

The following NAVAREA I warnings were in force at 290500 UTC July 24.

2024 series: 072, 101, 117, 118, 123, 124, 126, 127.

Summary of Navarea I warnings issued since Weekly Edition 31:

126 1. NAVAREA I WARNINGS IN FORCE AT 261000 UTC JUL 24. 2. CANCEL 122/24

127 1. RIGLIST. CORRECT AT 290500 UTC JUL 24.

SOUTHERN NORTH SEA: 51N TO 55N

	52-54.7N	002-14.8E	HAEVA
	53-01.1N	001-47.6E	VALARIS 72 ACP HEWETT GAS FIELD
	53-14.0N	003-14.5E	590021 ACP ALLSEAS TEST
	53-34.4N	003-18.3E	SEAFOX 4 ACP NAM GAS FIELD
NEW	53-45.9N	003-11.8E	SEAFOX 2 ACP K4-BE
NEW	53-46.6N	001-31.0E	VALARIS 123
	54-15.1N	002-44.5E	WELL SAFE PROTECTOR
	54-20.6N	002-51.9E	SWIFT 10 ACP D12-A
	54-24.2N	002-39.6E	ENSCO 92 ACP KATY GAS FIELD

NORTH SEA: 55N TO 60N, EAST OF 5W

	55-23.6N	004-00.4E	NOBLE RESOLUTE ACP B10
	55-31.8N	005-00.3E	NOBLE REACHER ACP HALFDAN OIL FIELD
	56-05.8N	004-13.3E	NOBLE RESOLVE ACP SYD ARNE GAS FIELD
	56-10.6N	003-27.6E	NOBLE INVINCIBLE ACP HOD OIL FIELD
	56-20.8N	004-16.3E	SHELF DRILLING WINNER ACP HARALD GAS FIELD
	56-25.8N	003-12.8E	WEST ELARA
	56-41.8N	002-20.3E	NOBLE INTREPID ACP JUDY OIL FIELD
	56-41.9N	002-20.2E	VALARIS 120 ACP JUDY OIL FIELD
	56-42.0N	003-07.1E	NOBLE INTEGRATOR
	56-50.9N	002-15.3E	NOBLE RESILIENT ACP JADE OIL FIELD
	56-54.0N	002-22.8E	VALARIS 122 ACP WHPA
	57-00.8N	001-50.4E	VALARIS STAVANGER ACP ELGIN GAS FIELD
	57-01.9N	001-57.3E	VALARIS 121 ACP SHEARWATER OIL FIELD
NEW	57-05.4N	000-50.9E	COSL INNOVATOR
	57-09.1N	001-40.5E	VALARIS 248 (EX GORILLA VI)
	57-14.0N	001-37.6E	NOBLE INNOVATOR
	57-48.9N	004-32.0E	MAERSK INSPIRER ACP YME OIL FIELD
	57-53.5N	000-00.8E	WELL SAFE GUARDIAN
	57-54.0N	000-36.5W	COSL PIONEER
	57-54.2N	000-01.9E	WELL SAFE DEFENDER
	57-57.7N	000-55.0W	SHELF DRILLING FORTRESS ACP GOLDEN EAGLE OIL AND GAS FIELD
	57-58.3N	001-51.7E	PAUL B LOYD JR
	58-00.7N	001-55.6E	DEEPSEA YANTAI
	58-55.4N	001-50.7E	DEEPSEA STAVANGER
NEW	59-11.0N	002-24.5E	WEST PHOENIX
	59-15.2N	002-36.1E	DEEPSEA ABERDEEN

III

NORWEGIAN SEA: 60N TO 65N, EAST OF 5W

60-22.3N	004-11.8W	OCEAN GREATWHITE
60-30.3N	002-00.8E	ASKEPOTT ACP MARTIN LINGE
61-07.4N	002-14.6E	ASKELADDEN
61-31.8N	001-39.6E	STENA DON
61-36.7N	001-32.8E	OCEAN ENDEAVOR
64-47.4N	007-00.9E	TRANSOCEAN ENCOURAGE
64-50.7N	006-33.0E	TRANSOCEAN SPITSBERGEN

SOUTH AND WEST COASTS OF THE BRITISH ISLES

53-32.4N 003-34.5W VALARIS NORWAY

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

2. CANCEL 125/24.

UPDATES TO ADMIRALTY SAILING DIRECTIONS

NP5 South America Pilot Volume 1 (2021 Edition)

Argentina - Playa Honda - Canal Emilio Mitre — Prohibited area

314

Paragraph 10.38 *2 Replace by:*

- 2 Prohibited areas.** Entry is prohibited into an area (34°33'·19S 58°17'·48W) marked by light buoys (special).

Entry, fishing and anchoring are prohibited in an area (34°35'·24S 58°13'·64W) surrounding a submarine pipeline, marked by light buoys (cardinal and special).

Argentinian Notice 2/28/23 [NP5-No 78-Wk 32/24]

NP12 Arctic Pilot Volume 3 (2018 Edition)

Canada - Baffin Island - Cape Macculloch to Bluff Head - Navy Board Inlet — Depths; shoal

379

Paragraph 10.36 *2 lines 3-4 Replace by:*

...lying about 3½ miles NNE and 4¼ miles NE of Bluff Head; see chart for details.

UKHO [NP12-No 37-Wk 32/24]

NP28 Dover Strait Pilot (2024 Edition)

England - Thames Estuary - North-east routes — Wrecks and obstructions

251

After Paragraph 10.38 *5 Insert:*

Hazards and dangers 10.38a

- 1 Wrecks and obstructions.** Numerous wrecks and obstructions lie within the channels and banks described, for which the chart is the best guide.

GB Chart 1975 Ed.32 (2023) [NP28-No 36-Wk 32/24]

England - Thames Estuary - East Swin — Directions; wrecks

255

Paragraph 10.61 *3 line 4 Replace by:*

...(51°41'·95N 1°11'·70E), thence:
Clear of a dangerous wreck (51°41'·63N 1°12'·16E)
lying mid-channel, thence:

Paragraph 10.61 *5 Replace by:*

- 5** NW of North Hook (51°40'·20N 1°10'·50E) the SW part of North East Middle.
The route then leads S through a swatchway (51°39'·70N 1°09'·60E) into Middle Deep and then continues SSW to Shoe Hole (51°34'·00N 1°03'·00E), a deep at the NE end of West Swin, passing:
W of a dangerous wreck (51°40'·00N 1°10'·00E), thence:

UKHO [NP28-No 35-Wk 32/24]

England - South-east coast - Harwich Deep Water Channel — Anchorage; foul ground

281

Paragraph 12.56 *1 line 4 Replace by:*

...polluting cargoes. An area of foul ground lies in the N part of the anchorage.

Paragraph 12.57 *1 Replace by:*

- 1** Centred on 51°57'·00N 1°25'·00E. Recommended for vessels up to 130 m LOA and draught 5.5 m. An area of foul ground lies in the SW part of the anchorage.

UKHO [NP28-No 34-Wk 32/24]

NP30 China Sea Pilot Volume 1 (2024 Edition)

Vietnam - Gulf of Tonkin - Diem Dien Port —
Pilotage

207

Paragraph 6.95 1-2 *Replace by:*

- 1 **General information.** Diem Dien Port (20°33'·11N 106°33'·76E) lies on the river Dien-Ho.
Local knowledge is required.
Directions. From the vicinity of DD0 Light Buoy (20°30'·69N 106°38'·22E), a channel marked by light buoys (lateral) leads generally WNW and then NNW for about 4¼ miles to a position about 7 cables SSE of Diem Dien Light (6.87). Thence the channel continues WSW for about 8 cables to the port.
- 2 **Outer anchorages** are established off Dien-Ho as follows:
 Unrestricted (20°29'·62N 106°41'·33E);
 Vessels up to 48 000 dwt (20°28'·17N 106°43'·72E), dredged (2018) to 15·8 m;
 Vessels up to 48 000 dwt (20°27'·65N 106°43'·74E), dredged (2021) to 15·8 m.
- 3 **Pilotage.** The pilot boards in the following positions:
 20°24'·93N 106°43'·74E;
 20°28'·12N 106°43'·70E;
 20°29'·65N 106°41'·28E;
 20°30'·64N 106°38'·00E, in the vicinity of DD0 Light Buoy.
Berths. Numerous berths lie within the port, the largest of which is about 140 m in length.
- ENC V14N0009 (3.000) [NP30-No 18-Wk 32/24]

NP32A China Sea Pilot Volume 3 (2024 Edition)

Taiwan - P'eng-hu Tao - P'eng-hu Kang —
Arrival information; anchorage; depths; marine
farms; submarine cables

94

Paragraph 4.109 2 lines 1-5 *Replace by:*

- 2 Anchorage may be obtained in P'eng-hu Kang in about 10 to 20 m, sand and mud, about 1 mile N of Hai-kan Yen (4.107), clear of charted submarine cables and marine farms. Anchorage can also be obtained in Chu-sung Wan (4.107) in about 11 to 17 m with Hai-kan Yen bearing 165°...
- UKHO [NP32A-No 6-Wk 32/24]

NP32B China Sea Pilot Volume 4 (2022 Edition)

China - Yellow Sea - Lianyungang — Arrival
information; regulations; tonnage

56

Paragraph 2.40 1 lines 1-4 *Replace by:*

- 1 **Vessel size.** The main fairway channel, up to the Petrochemical Terminal (2.49), is designated for vessels up to 250 000 dwt. Thereafter, the channel to the turning area off the coal wharf (34°45'·05N 119°25'·15E), is designated for vessels up to 150 000 dwt.
- UKHO [NP32B-No 68-Wk 32/24]

China - Bohai Wan - Tianjin Gang — Arrival
information; pilotage

133

Paragraph 4.143 3 lines 9-10 *Delete*

Chinese Chart 11771 (2023)

[NP32B-No 66-Wk 32/24]

China - Bohai Wan - Tianjin Gang — Directions;
pilotage

135

Paragraph 4.153 2 lines 1-4 *Replace by:*

- 2 The channel then continues NW to a position between the N and S breakwaters.
- Chinese Chart 11771 (2023)
 [NP32B-No 67-Wk 32/24]

NP36 Indonesia Pilot Volume 1 (2021 Edition)

Indonesia - South and west coasts of
Kalimantan — Regulations; marine nature
reserves

137

After Paragraph 8.3 *Insert:***Regulations**
8.3a

- 1 **Marine nature reserves** and conservation areas are established in the waters covered by this chapter. See 1.60.
 Local authorities should be contacted for further information.

Indonesian Notice 4/31/23

[NP36-No 94-Wk 32/24]

**NP46 Mediterranean Pilot Volume 2
(2022 Edition)**

**France - Golfe du Lion - Port de Sète — Arrival
information; speed limit**

63

After Paragraph 2.55 *1 Insert:*

- ² **Speed limit.** A 4 kn speed limit is in force within Port de Sète. Commercial vessels and the French Navy are authorised to exceed this speed for the strict purpose of their manoeuvres.

French Notice 4/Instructions nautiques D21/23
[NP46-No 79-Wk 32/24]

**France - South coast - Baie de Pampelonne —
Anchorages**

106

Paragraph 3.64 *3 Replace by:*

- ³ **Anchorage** for vessels greater than 80 m in length may be obtained in an area centred on 43°14'33N 6°41'38E.

Anchorage for vessels between 45 m and 80 m in length may be obtained in areas centred on:

43°13'54N 6°41'06E.

43°13'20N 6°40'44E.

43°12'72N 6°41'50E.

- ⁴ Anchorage for vessels between 24 m and 45 m in length may be obtained in an area centred on 43°13'24N 6°40'16E.

Caution. All the anchorages are untenable with E winds.

See also 1.58.

French Notice 2/95/23; ENC FR572670 (2.022);
Instructions nautiques D22 2024
[NP46-No 78-Wk 32/24]

**NP49 Mediterranean Pilot Volume 5
(2020 Edition)**

**Egypt - Mediterranean Sea - Port Said —
Harbour; development**

121

Paragraph 3.200 including heading *Replace by:*

**Spare
3.200**

Egyptian Chart M22 (2024) [NP49-No 62-Wk 32/24]

NP57A Norway Pilot Volume 2A (2022 Edition)

**Rogaland - Austdjupet and Førresfjorden —
Traffic regulations; restricted area**

147

After Paragraph 5.30 *2 line 2 Insert:*

**Traffic regulations
5.30a**

- ¹ **Restricted area.** Anchoring and heavy lifting are prohibited within an area extending 1 cable either side of a gas pipeline (59°19'01N 5°23'26E).

Norwegian Notice 1/70136/23
[NP57A-No 39-Wk 32/24]

**Rogaland - Førlandsfjorden — General
information; restricted area**

149

After Paragraph 5.41 *1 line 6 Insert:*

Restricted area. Anchoring and heavy lifting are prohibited within an area extending about 1 cable either side of a gas pipeline (59°18'49N 5°27'62E).

Norwegian Notice 1/70138/23
[NP57A-No 40-Wk 32/24]

**Rogaland - Karmsundet - Kopervik to Salhus —
Traffic regulations; restricted area**

149

After Paragraph 5.49 *1 line 5 Insert:*

**Traffic regulations
5.49a**

- ¹ **Restricted area.** Anchoring and heavy lifting are prohibited within an area extending about 1 cable either side of a gas pipeline (59°19'16N 5°19'77E).

Norwegian Notice 1/70137/23
[NP57A-No 41-Wk 32/24]

**Hordaland - Austevoll - Channels in the
North-west part of Austevoll — Hazards and
dangers; marine farms**

248

After Paragraph 8.31 *3 line 7 Insert:*

**Hazards and dangers
8.31a**

- ¹ **Marine farms** exist in the area described; the chart is the best guide. See also 1.16.

Norwegian Notice 1/69972/23
[NP57A-No 42-Wk 32/24]

NP63 Persian Gulf Pilot (2021 Edition)

Iran – Persian Gulf – Bandar-e Pārs — Arrival information; pilotage

130

Paragraph 6.41 including existing Section IV Notice Week 22/22 *Replace by*:

- 1 **Port operations.** Navigation is not permitted within a radius of 2 miles of the SPMs without a pilot embarked.

Anchorage:

Outer anchorage is centred at 27°33'30N 52°24'00E, with depths from 40 to 66 m. An ODAS superbuoy (special) (27°32'23N 52°28'07E) is situated in the SE corner of the anchorage.

- 2 Inner anchorage is centred at 27°33'80N 52°28'80E. There is a depth of 25 m (existence doubtful) in the SE corner.

Prohibited anchorage. Anchoring is prohibited within the restricted areas surrounding the SPMs and the restricted area surrounding the entrance to Logistic Port and cables and gas pipelines.

- 3 **Pilotage.** The pilot boards in the following positions:
Pars Port Complex (27°30'00N 52°32'00E).
SPMs (27°32'00N 52°28'00E).
Farasakoo Port (27°34'80N 52°29'80E).
For further information, see *ADMIRALTY List of Radio Signals Volume 6(8)*.

Corr. Iranian Ports and Maritime Organization 31/01/23
[NP63-No 137-Wk 32/24]

Iran – Persian Gulf – Bandar-e Tāherī Terminal — Arrival information; pilotage; prohibited area

130

Paragraph 6.47 2 lines 4–9 *Replace by*:

...pilot/loading master boards in position 27°37'90N 52°20'50E. For further information, see *ADMIRALTY List of Radio Signals Volume 6(8)*.

Prohibited area. Navigation is not permitted within 2 miles of the SPM without a pilot embarked.

Corr. Iranian Ports and Maritime Organization 31/01/23
[NP63-No 138-Wk 32/24]

Iran – Persian Gulf – Tombak and Akhtar — Pilotage; prohibited area; jetty

131

Paragraph 6.53 2 including existing Section IV Notice Week 42/21 *Replace by*:

- 2 **Pilotage.** Pilots board in the following positions:
Siraf Pars Port (27°39'90N 52°12'80E).
Sarooj Jetty (27°43'80N 52°09'10E).
LNG Jetty (27°45'30N 52°06'30E).

Prohibited area. Navigation is not permitted within 2 miles of the SPMs without a pilot embarked.

- 3 **Berths.** There is an array of quays, breakwaters and jetties, some extending to 1000 m offshore. Two SPMs are moored in positions 27°41'67N 52°09'20E and 27°42'48N 52°06'83E.

An LNG jetty (27°45'35N 52°07'85E) is situated at the NW end of the complex.

Corr. Iranian Ports and Maritime Organization 31/01/23
[NP63-No 139-Wk 32/24]

Iran – Persian Gulf – Ra's osh Shaṭṭ — Directions; light

135

Paragraph 6.91 2 lines 2–3 *Replace by*:

Rūd-e Helleh Light (29°08'67N 50°39'39E).

Paragraph 6.92 1 lines 3–4 *Delete*

ENC IR403162 (2.000) [NP63-No 140-Wk 32/24]

Iran – Persian Gulf – Khowr-e Mūsá — Directions; wrecks

135

Paragraph 6.92 3 lines 1–3 *Replace by*:

- 3 Clear of two dangerous wrecks (29°36'90N 49°34'42E and 29°36'47N 49°34'90E), which lie SSW and SSE, respectively, of Khowr-e Mūsá No 1.

ENC GB41268B (5.001) [NP63-No 141-Wk 32/24]

Iran – Persian Gulf – Khowr-e Mūsá — Directions; wreck; light buoy

234

Paragraph 9.13 1 *Replace by*:

- 1 From the vicinity of Khowr-e Mūsá No 1 (29°37'20N 49°34'60E) (9.12), the track leads NW through the outer approach channel, marked by light buoys (lateral), passing:

NE of No 2 Light Superbuoy (port hand) (29°40'20N 49°29'40E), moored at the outer end of the buoyed fairway, thence:

ENC GB41268B (5.001) [NP63-No 142-Wk 32/24]

NP71 West Indies Pilot Volume 2 (2022 Edition)

Guadeloupe - Pointe-à-Pitre — Arrival
information; prohibited anchorage

233

Paragraph 6.118 ¹ including existing Section IV Notice
Week 15/23 *Replace by:*

- ¹ **Anchoring is prohibited** in the vicinity of
submarine cables laid to the S of Îlet du Gosier
(16°11'·91N 61°29'·45W), for a distance of about
1½ miles.

French Notice 2/9(P)/23

[NP71-No 23-Wk 32/24]

UPDATES TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

NP74, Vol A Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 31, dated 01 August 2024.

A2400-365	- Swinging Hole. W	52 58-04 N 0 00-95 W	Fl R 3s	..	..	Pile	Removed (T) 2024
							*
A2626	EAST COAST. TEES BAY. RIVER TEES - South Gare. Breakwater. Head (GB:THPA)	54 38-84 N 1 08-25 W	Fl WR 12s	16	W20	White round tower R17 13	<i>fl</i> 1-5. W035°-240°(205°), R240°-329°(89°)
		*			*		
A2664-5	- Hartlepool. Victoria Harbour. RNLI Mooring Dolphin (GB:THPA)	54 41-67 N 1 11-39 W	2 F R(vert)	..	..	..	..
*	*	*	*	*	*	*	*
A4304-01	- Ardrishaig. Crinan Canal. Pontoon Head (GB:BWb)	56 00-75 N 5 26-66 W	Fl G 3s	2	..	Metal pole on pontoon	..
*	*	*	*	*	*	*	*
A5636-7	- River Camel. Padstow. Pontoon. Head	50 32-20 N 4 56-00 W	Fl G 4s	..	..	Pole 3	..
							*
A7562-5	ANGLIA GASFIELD Remove from list; deleted						
A8364-5	PENGUINS OILFIELD - Penguins FPSO (GB) -- <i>Subsidiary light</i> --	61 34-99 N 1 32-79 E	Mo(U)W 15s Mo(U)R 15s Horn Mo(U) 30s		15 3 ..	Storage tanker 	
*	*	*	*	*	*	*	*

NP75, Vol B Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 31, dated 01 August 2024.

B0236 NL, HP2, 0126	WESTERSCHELDE. TERNEUZEN - Nieuw Neuzenpolder. Ldg Lts 125°. Front	51 20-97 N 3 47-25 E	Oc W 5s	2	4	Green post 3	<i>ec</i> 1
				*	*	*	*
B0236-1 NL, HP2, 0126-1	- Nieuw Neuzenpolder. Ldg Lts 125°. Rear. 365m from front	51 20-86 N 3 47-51 E	Oc W 5s	13	4	Green post 13	..
				*	*	*	*
B0241 NL, HP2, 0126-3 *	- Nieuw Neuzenpolder. Dow Chemical Jetty. E Side	51 21-02 N 3 47-31 E	Fl(3)R 10s	..	..	..	..
	*	*	*	*	*	*	*
B0255-52	WESTERSCHELDE. TERNEUZEN TO GENT CANAL. GENT Remove from list; deleted						

NP75, Vol B Edition 2024 *continued.*

B0255-53	WESTERSCHELDE. TERNEUZEN TO GENT CANAL. GENT Remove from list; deleted						
B0255-54	WESTERSCHELDE. TERNEUZEN TO GENT CANAL. GENT Remove from list; deleted						
B0282 NL, HP2, 0176	- Schore. Ldg Lts 021-5°. Front	51 27-18 N 3 59-42 E	Oc W 4s	4	6 Red post 4	<i>ec 1.</i> Shown by day only	
				*	* *		
B0282-1 NL, HP2, 0178	- Schore. Ldg Lts 021-5°. Rear. 480m from front	51 27-46 N 3 59-60 E	Oc W 4s	19	6 Red mast, white bands 18	<i>ec 1.</i> Sync with front	
					* *		*
B0296 NL, HP2, 0196	WESTERSCHELDE. ZUIDERGAT - Walsoorden. Oude hoofd. Zeeuws Vlaanderen. N van Walsoorden	51 23-61 N 4 01-90 E	Iso WRG 2s	11	W 3 Green beacon on R 3 tetrapod G 3 11	R132°-177-5°(45-5°), W177-5°-270-5°(93°), G270-5°-323-5°(53°), W323-5°-336-5°(13°), R336-5°-012°(35-5°)	
				*	* *		
B0318 NL, HP2, 0218	WESTERSCHELDE. ZUID BEVELAND - Nauw van Bath. Westketel	51 23-63 N 4 10-22 E	Oc WRG 10s	10	W 5 Red post R 5 10 G 5	<i>ec 3.</i> W090°-200°(110°), R200°-246-5°(46-5°), W246-5°-256-5°(10°), G256-5°-301-5°(45°), W301-5°-353°(51-5°), G353°-016°(23°), W016°-037°(21°), R037°-090°(53°)	
				*	* *		
B0319-9 NL, HP2, 0220	- Nauw van Bath. Ldg Lts 044°. Front. Middenketel - - - - -	51 24-01 N 4 11-20 E ..	Oc WR 10s Oc W 3s *	10 10	W 5 Red post, white band R 5 10	R247°-275-5°(28-5°), W275-5°-247°(331-5°) ..	 *
B0330 NL, HP2, 0226	- Reigersbergsche Polder. Bath	51 24-00 N 4 12-41 E	Oc WRG 5s	4	W 5 White metal post, red R 5 bands G 5 4	<i>ec 1.</i> W074°-087°(13°), R087°-112°(25°), W112°-280°(168°), R280°-342°(62°), W342°-349°(7°), G349°-074°(85°)	 *
				*	* *		
B0674-2 NL, HP2, 1057-1 *	- Maassluis. Koggehaven. Dock Entrance. W Side	51 53-88 N 4 18-52 E	F R	3	.. White post, red bands 2	..	
				*	* *		
B0674-25 NL, HP2, 1057-2 *	RIVER MAAS. NIEUWE MAAS - Maassluis. Koggehaven. Dock Entrance. E Side	51 53-87 N 4 18-60 E	F G	3	.. White post, green bands 2	..	
				*	* *		

NP76, Vol C Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 31, dated 01 August 2024.

C2334	- Lundåkrakajen. Breakwater. Head	55 51-47 N 12 50-90 E	F G	2	2	Post	..	
*	*	*	*	*	*	*		*
C3580-15 LV, , 048	Skulte. Ldg Lts 098-7°. Front	57 18-99 N 24 24-34 E	Iso R 3s	10	R 3	White metal framework tower, red band 8	..	
*	*	*	*	*	*	*		*
C3580-16 LV, , 049	Skulte. Ldg Lts 098-7°. Rear. 160m from front	57 18-98 N 24 24-49 E	Iso R 3s	18	3	White metal framework tower, red band 16	..	
*	*	*	*	*	*	*		*

NP77, Vol D Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 29, dated 18 July 2024.

D2056-1 PT, I, 94	- Canal da Embocadura. S Molhe. Head	40 38-53 N 8 45-48 W	Fl G 3s	15	9	White column, green bands 12	<i>fl 0-5</i>	
								*
D7651-8	- No 28	30 01-98 N 49 01-22 E	Fl R 3s	..	12	Red beacon	..	
	- -	..	AIS	..	..	..		MMSI No 994221560
	*		*					
D7651-9	- No 21	30 02-08 N 49 01-42 E	Fl G 3s	..	12	Green beacon	..	
			*					

NP79, Vol F Edition 2023. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 31, dated 01 August 2024.

F1737	KUALA JOHOR Remove from list; deleted							
F3007-85	Khao Hua Maeo	11 55-94 N 102 46-66 E	Fl G 3s	..	..	..	..	
*	*	*	*	*	*	*		*
F3007-93	Khao Hua Maeo	11 55-97 N 102 46-73 E	Fl R 3s	..	..	..	..	
*	*	*	*	*	*	*		*

V

NP80, Vol G Edition 2023. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 31, dated 01 August 2024.

G5275-8	VANCOUVER ISLAND. WEST COAST. PORT ALBERNI Remove from list; deleted						
G5413-36 CA, P, 361	- City Reach. 2nd Ldg Lt 095°20'. Front	49 09-30 N 122 56-68 W	Oc Y 5s	14	15 Red ☐, white stripe, on post	<i>ec 0-3.</i> Visible in line of range. Shown 24 hours	*
			*	*	*		*
G5413-37 CA, P, 362	- City Reach. 2nd Ldg Lt 095°17'. Rear. 220m from front	49 09-29 N 122 56-50 W	Oc(2)Y 5s	25	15 Red ☐, white stripe, on post	<i>ec 0-3, lt 0-7, ec 0-3, lt 3-7.</i> Visible in line of range. Shown 24 hours	*
	*	*	*	*	*		*
G5542 CA, P, 501	STRAIT OF GEORGIA. COMOX BAR - Ldg Lts 222°05'. Front. On W Shore of Baynes Sound	49 37-38 N 124 54-53 W	Iso Y 1-5s	8	17 White ☐, red stripe, on square framework tower	Shown 24 hours	*
	*	*		*	*		*
G5542-1 CA, P, 502	- Ldg Lts 222°05'. Rear. 285m from front	49 37-27 N 124 54-69 W	Iso Y 2s	20	17 White ☐, red stripe, on square framework tower	Shown 24 hours	*
	*	*		*	*		*

NP81, Vol H Edition 2023. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 27, dated 04 July 2024.

H0013-3 CA, IW, 2517	Tuft Point	69 44-44 N 132 29-16 W	Fl W 4s	21	7 White daymark, red stripe, on tripod framework tower 9	Seasonal	
					*		
H0041 CA, IW, 2555	PÉNINSULE D'UNGAVA. ARCTIC ISLAND - Arctic Island. Centre	62 14-50 N 74 45-67 W	Fl W 6s	30	7 Orange ☐ on square tower	<i>fl 1.</i> Seasonal. Omnidirectional	*
					*		*
H0042 CA, IW, 2556	CHARLES ISLAND - Charles Island. W End	62 41-81 N 74 36-09 W	Fl W 6s	21	16 Orange ☐ on square tower	<i>fl 1.</i> Seasonal. Omnidirectional	*
		*			*		*
H0048 CA, IW, 2558	WALES ISLAND - Wales Island. E End	61 51-66 N 71 58-00 W	Fl W 6s	83	7 Orange ☐ on square Framework tower	<i>fl 1.</i> Seasonal. Omnidirectional	*
		*			*	*	*
H0052 CA, IW, 2560	PÉNINSULE D'UNGAVA - Cape Hopes Advance	61 04-70 N 69 33-47 W	Fl W 6s	..	8 Orange ☐ on square framework tower	<i>fl 1.</i> Seasonal. Omnidirectional	*
		*					*
H0156-1	ESQUIMAN CHANNEL Remove from list; deleted						

V

NP81, Vol H Edition 2023 *continued.*

H0361-5	BURIN PENINSULA Remove from list; deleted							
H0484 CA, N, 479	CONCEPTION BAY - Harbour Grace Islands	47 42-71 N 53 08-51 W	Fl W 5s	41	7 White □, red bands, on square framework tower 4	<i>fl 1</i>		
			*				*	
H0502 CA, N, 471	TRINITY BAY. BAY DE VERDE PENINSULA. PERLICAN ISLAND - Old Perlican	48 05-37 N 53 01-57 W	Fl W 5s	38	7 Red and white □, onsquare framework tower 7	<i>fl 1</i>		
			*		*			
H0508 CA, N, 468-7	- Bloody Point	47 54-89 N 53 21-57 W	Fl R 5s	11	9 White □, red bands, on rectangular framework tower 4	<i>fl 1</i>		
	- -	..	Horn 30s *	..		<i>bl 3</i>	*	*
H0514 CA, N, 465	- Motion Islands. Random Head Harbour	48 05-69 N 53 32-72 W	Fl W 5s	38	5 Red and white round tower 10	<i>fl 1.</i> Operates 24 hours		*
			*					
H0516	TRINITY BAY Remove from list; deleted							
H0516-2	TRINITY BAY Remove from list; deleted							
H0570	BONAVISTA BAY Remove from list; deleted							
H0636 CA, N, 363	- Bacalhao Island	49 41-21 N 54 33-41 W	Fl W 10s	106	17 Red and white □, on Square Framework tower 11	<i>fl 0-2</i>		
*	- - Emergency light	..	Lit	..		..	*	*
		*	*	*	*			
H0692-5	CAPE SAINT JOHN Remove from list; deleted							
H0692-53 CA, N, 326-05 *	- Shoe Cove. Breakwater	49 54-84 N 55 33-52 W	Fl G 5s	..	4 Pipe tower	Operates 24 hours. Seasonal		
	*	*	*	*	*	*		*
H1401-8 CA, A, 1141 *	- Richibucto. Floating Dock	46 40-73 N 64 51-66 W	Fl G 4s	..	2 Green and white □, black square in centre, on round mast	<i>fl 1.</i> Private. Seasonal		*
	*	*	*	*	*	*		*
H2324-1 CA, A, 1962-4	QUÉBEC HARBOUR - Le Sault. Marina Chaudière. Wharf A. N End	46 44-58 N 71 16-69 W	F Bu	..	.. Mast	Private. Seasonal		
					*	*		
H2324-13 CA, A, 1962-6 *	- Le Sault. Marina Chaudière. Wharf A. S End	46 44-54 N 71 16-62 W	F Bu	..	.. Mast	Private. Seasonal		
	*	*	*	*	*	*		*

NP81, Vol H Edition 2023 *continued.*

H2324-14 CA, A, 1962-8 *	- Le Sault. Marina Chaudière. Wharf D. N End *	46 44-48 N 71 16-60 W *	F W *	.. *	.. Mast *	Private. Seasonal *
H2324-145 CA, A, 1962-9 *	- Le Sault. Marina Chaudière. Wharf D. S End *	46 44-46 N 71 16-58 W *	F W *	.. *	.. Mast *	Private. Seasonal *
H2324-15 CA, A, 1962-2 *	- Le Sault. Marina Chaudière. Wharf B *	46 44-53 N 71 16-68 W *	F W *	.. *	.. Mast *	Private. Seasonal *
H2324-2 CA, A, 1962-1 *	- Le Sault. Marina Chaudière. Wharf B. N End *	46 44-55 N 71 16-70 W *	F W *	.. *	.. Mast * *	Private. Seasonal *
H3484 CA, A, 646	Berry Head	45 11-48 N 61 18-66 W	LFl W 6s *	.. *	12 White rectangular tower, red top 6	..
H3730 CA, A, 409	Liverpool Bay. Brooklyn Pier. Near Breakwater Head	44 02-67 N 64 41-50 W	Fl R 4s *	.. *	7 Round mast *	<i>fl 1</i> *
H3859	SAINT MARYS BAY Remove from list; deleted					
H3887	DIGBY NECK Remove from list; deleted					

NP82, Vol J Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.

Last Updates: Weekly Edition No. 31, dated 01 August 2024.

J1403 US, II, 350 *	- Chesapeake	36 54-28 N 75 42-76 W	2 Fl W 4s	26	.. Blue tower on white base on piles, CHESAPEAKE on sides 45 *	Private
J5934	LIGHTHOUSE REEF - Sandbore Cay	17 27-85 N 87 29-34 W	Fl W 10s	25	17 Red metal framework tower 25	TE 2024 *
J6167-65	BAHÍA DE CARTAGENA. CARTAGENA. ISLA DE MANZANILLO Remove from list; deleted					
J6167-66	BAHÍA DE CARTAGENA. CARTAGENA. ISLA DE MANZANILLO Remove from list; deleted					

NP83, Vol K Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 31, dated 01 August 2024.

K2572-6	- Snug Cove. Breakwater. Head	37 04-51 S 149 54-38 E	Oc W 3s	..	5	..	<i>ec 1</i>
				*		*	*
K2572-8	- Eden. Dir Lt 059-9°	37 04-33 S 149 54-57 E	Dir WRG	..	1	..	F G053-6°-058-6°(5°). F W058-6°-061-1°(2.5°). F R061-1°-066-1°(5°)
	*		*				*
K2766-2	- North Arm. No 5	32 52-53 S 151 46-97 E	Fl G 3s	..	..	Green △ on green beacon	..
			*				
K2766-4	NEWCASTLE HARBOUR. HUNTER RIVER Remove from list; deleted						
K2766-5	NEWCASTLE HARBOUR. HUNTER RIVER Remove from list; deleted						
K2766-7	NEWCASTLE HARBOUR. HUNTER RIVER Remove from list; deleted						
K3195-9	GREAT BARRIER REEF (COASTAL WATERS) - Pickersgill Reef (AU:AMSA)	15 51-41 S 145 33-32 E	Fl(2)W 10s	8	11	White pile beacon	<i>fl 1, ec 1-5, fl 1, ec 6-5</i>
							*
K3404-3	DAMPIER STRAIT. NESUP ISLAND - Nesup Channel	5 53-29 S 148 08-67 E	Fl R 2s	7	4	Red □ on black beacon	<i>fl 0-7</i>
*	*	*	*	*	*	*	*
K3404-4	- Nesup Channel	5 53-95 S 148 09-04 E	Fl G 2s	6	4	Green △ on black beacon	<i>fl 0-7</i>
*	*	*	*	*	*	*	*
K3850-8	HAURAKI GULF. WAIHEKE ISLAND - Waiheke Island. N Coast. Spray Rock	36 45-40 S 175 08-06 E	Fl(2)W 5s	4	2	Black ⊗ on black pole, red band 4	<i>fl 0-5, ec 1, fl 0-5, ec 3</i>
*	*	*	*	*	*	*	*
K4328-1	- Ldg Lts 267°35' . Middle. 0-53M from front. Benvenue Cliff	44 23-11 S 171 14-78 E	Dir WRG	25	W21 R17 G17	Orange △ on beacon 4	F G265°-266-5°(1-5°). Al WG266-5°-267-2°(0-7°) W Phase increasing with bearing. F W267-2°-268°(0-8°). Al WR268°-268-7°(0-7°) R Phase increasing with bearing. F R268-7°-270-2°(1-5°) Neon □
	-----	..	F G	25	10	..	
	-----	..	<i>By day</i>	..	5	..	..
							*
K4952 FR, L2, 59000	ÎLES DU VENT. ÎLE DE TAHITI - Pointe Vénus (FR)	17 29-70 S 149 29-66 W	Fl W 5s	30	27	White tower 33	Aeromarine. <i>fl 0-1.</i> F R on radio mast at 0-6M SE and 2-4M at the SSE. TE 2024
							*
K5000-165 FR, L2, 55080	- Motu Takutua. North-eastward (FR)	15 30-27 S 145 30-47 W	VQ(9)W 10s	5	3	⊗ on yellow beacon, black band	..
							*

V

NP85, Vol M Edition 2023. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 28, dated 11 July 2024.

M4158-65 KR, 410, 3453	- Asan Industrial Complex. A	36 59-23 N 126 44-90 E	Fl(4)Y 8s	9	8	Yellow round GRP tower 7	..
---	..	Horn 30s	..	..	..	TD 2024	*
M4206-379	Remove from list; deleted						
M4210-3 KR, 410, 3136	Sambongdan. Lighthouse	35 08-69 N 126 09-83 E	Fl W 4s	16	11	White 8-sided concrete tower 15	W202°-035°(193°)
	*				*		
M4294-1 KR, 410, 2494-1 KR, 410, 4118	YEONDO - Sorido	34 13-31 N 127 43-68 E	Mo(U)W 10s	28	10	Yellow round steel post 3	..
--	..	Racon	..	..	..	ALRS Vol 2 Station 82680	
		*			*	*	
M4300-52 KR, 410, 2570-5	OENARODO - Platform	34 21-85 N 127 24-75 E	Mo(U)W 10s	17	10	White metal post 3	..
--	..	Horn 30s	..	..	..	bl 4	
--	..	AIS	..	..	..	MMSI No 994403157	
--	..	Racon	..	..	..	ALRS Vol 2 Station 82658	
*	*	*	*	*	*	*	*
M4354-94 KR, 410, 2041-12	- Pier 4. N End	35 03-76 N 129 00-42 E	Fl(4)Y 8s	4	3	Yellow metal post 2	..
*	*	*	*	*	*	*	*
M4370-7	BUSAN HANG, SOUTH INNER HARBOUR Remove from list; deleted						
M4377-86 KR, 410, 1439-17	Nasa. Breakwater. W End	35 21-32 N 129 20-21 E	Fl(4)Y 8s	8	7	Yellow round steel post 6	..
*	*	*	*	*	*	*	*
M4377-87 KR, 410, 1439-28	Nasa. Breakwater. E End	35 21-34 N 129 20-27 E	Fl(4)Y 8s	8	7	Yellow round steel post 6	..
*	*	*	*	*	*	*	*
M4459-5 KR, 410, 1207 KR, 410, 4307 KR, 410, 4451-2	Geojindan	38 26-97 N 128 27-88 E	Fl W 15s	90	W20	White round concrete tower 13	W160°-333°(173°)
-	..	Horn 30s	..	..	..	bl 5	
-	..	AIS	..	..	..	MMSI No 994403806	
		*			*	*	*

NP86, Vol N Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 30, dated 25 July 2024.

N4732-2 TR, , 31782-1	- Yeşilova Körfezi. Mole	36 40-17 N 27 30-20 E	Fl G 3s	7	5	White tower, green band 6	<i>fl 1</i>
*	*	*	*	*	*	*	*
N4732-3 TR, , 31782	- Yeşilova Körfezi. Breakwater	36 40-16 N 27 30-24 E	Fl R 3s	7	5	White tower, red band 6	<i>fl 1</i>
*	*	*	*	*	*	*	*
N4950-5 TR, , 20692	- Büyükdere Harbour	41 09-48 N 29 02-34 E	Fl(2)G 8s	10	5	White metal framework tower 8	<i>fl 0-5, ec 1, fl 0-5, ec 6.</i> TE 2024
							*

NP88, Vol Q Edition 2024. Weekly Edition No. 32, Dated 08 August 2024.
Last Updates: Weekly Edition No. 31, dated 01 August 2024.

Q1441 ID, , 4561	- Tg Gemuk. Perasabasah Shoal (ID)	2 58-32 S 116 22-53 E	Fl W 5s	12	15	White beacon 13	<i>fl 0-5</i>
					*		
Q1558-8	Teluk Wawosungu (ID)	4 06-29 S 122 41-92 E	Fl W 5s	14	10	White pipe	..
			*	*	*		
Q1692-2	E OF BARROW ISLAND. VICTORIA OILFIELD -	20 44-37 S 115 34-30 E	Mo(U)Y 15s	..	15	Platform	..
							*
Q1760-85	- Bathurst Point. North-westward	31 59-14 S 115 32-27 E	Fl R 3s	..	2-5	Red □ on red beacon	<i>fl 0-7</i>
							*

VI

ONGOING MAINTENANCE PROCESS IN ADMIRALTY RADIO SIGNALS VOLUMES

In order to guarantee the safety of Mariners at sea, avoid any unsafe and unnecessary duplication/updating of information appearing in different paper and digital ADMIRALTY Radio Signals Volumes, the information will now be centralised into the most relevant ADMIRALTY Radio Signals Volume.

For more information, a reference to the location of any required information will also be added to each ADMIRALTY Radio Signals Volume.

VI

UPDATES TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 32 dated 08 August 2024

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. 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_2024.pdf)

VOLUME 2, NP282(1), Fifth Edition, 2024

Published Wk 12/24

(Last Updates: Weekly Edition No. 31 dated 01 August 2024)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 104, FRANCE (English Channel), below Fécamp Offshore Wind Farm Met Mast FEC01-Y02.

Insert:

Fécamp OWF Turbine B02	49°50′.98N 0°10′.37E	992271247		Real	
Fécamp OWF Turbine L03	49°57′.47N 0°16′.96E	992271248		Real	

(former update 27/24)

French Bulletin 28/24 (RSDRA2024000199602) 32/24

PAGE 104, FRANCE (English Channel), below Saint-Brieuc Offshore Wind Farm Turbine No SB12.

Insert:

Saint-Brieuc Offshore Wind Farm Turbine No SB57	48°55′.39N 2°34′.08W	992271338		Real	
---	----------------------	-----------	--	------	--

French Bulletin 28/24 (RSDRA2024000199602) 32/24

PAGE 172, SPAIN (Mediterranean Coast).

Vertidos SE Lt Buoy.

Delete entry

Spanish Notice 27/199/24 (RSDRA2024000194297) 32/24

PAGE 222, UNITED KINGDOM, below Dubh Artach Lt.

Insert:

Duncansby Head Lt	58°38′.64N 3°01′.52W	992351448		Real	
-------------------	----------------------	-----------	--	------	--

Northern Lighthouse Board correspondence (RSDRA2024000199770) 32/24

PAGE 222, UNITED KINGDOM, below Gosport and Fareham Inshore Rescue Service Headquarters.

Insert:

Green Volt FLS200 Floating LiDAR Buoy 1	57°54′.15N 0°34′.16W	992351457		Real	
Green Volt FLS200 Floating LiDAR Buoy 2	57°51′.47N 0°40′.22W	992351458		Real	
Green Volt Wave Buoy	57°53′.11N 0°38′.06W	992351475		Real	

Brown and May Marine & Flotation Energy correspondences (RSDRA2024000161165 & RSDRA2024000192003) 32/24

PAGE 230, UNITED KINGDOM, below Sandettié West Lt Buoy.

Insert:

Sandy Riddle	58°37′.50N 2°50′.00W	992356110		Virtual	
--------------	----------------------	-----------	--	---------	--

Northern Lighthouse Board correspondence (RSDRA2024000199770) 32/24

VI

VOLUME 2, NP282(2), Fifth Edition, 2024

Published Wk 12/24
(Last Updates: Weekly Edition No. 30 dated 25 July 2024)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 178, CHINA, below Huizhou Harbour Wind Tower No 2.

Insert:

Huizhou Unknown Wreck	22°43'·18N 114°39'·08E	994136899	Broadcasts every 3 minutes	Virtual	
-----------------------	------------------------	-----------	----------------------------	---------	--

Chinese Bulletin 27/24 (RSDRA2024000199332) 32/24

VOLUME 3, NP283(2), Fourth Edition, 2023

Published Wk 49/23
(Last Updates: Weekly Edition No. 29 dated 18 July 2024)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

PAGES 129 and 131, CANADA (Arctic Coast, Atlantic Coast and Saint Lawrence River).

IQALUIT (NUNAVUT) (CANADIAN COAST GUARD) (VFF).

Delete entry and replace by:

IQALUIT (NUNAVUT) (CANADIAN COAST GUARD) (VFF)					
Control Centre: 63°44′.09N 68°32′.94W					
A	8416-5	RADIOTELEX	Iqaluit ¹	63°44′.09N 68°32′.94W	
B	2514		RT (MF)	Coral Harbour ²	64°09′.02N 83°22′.37W
C				Killinek ³	60°25′.45N 64°50′.50W
D	2582			Iqaluit ¹	63°44′.09N 68°32′.94W
E				Resolute ⁴	74°44′.77N 95°00′.22W
F	2558			Cambridge Bay ⁵	69°06′.88N 105°01′.18W
G	4363 (Ch 403)	RT (HF)		Hay River ⁶	60°50′.45N 115°46′.20W
H			Iqaluit ¹	63°44′.09N 68°32′.94W	
I			Resolute ⁴	74°44′.77N 95°00′.22W	
J			Inuvik ⁶	68°19′.50N 133°35′.78W	
K	6218-6		Coral Harbour ²	64°09′.02N 83°22′.37W	
L	6507 (Ch 603)		Iqaluit ¹	63°44′.09N 68°32′.94W	
M		Enterprise ⁶	60°36′.50N 116°13′.22W		
N	Ch 26	VHF	Parson's Lake ⁶	68°53′.63N 133°56′.52W	
O			Yellowknife ⁶	62°25′.75N 114°24′.73W	
P	Ch 85				
Diagrams pages 124, 125, 126 and 130					
Weather Bulletins	A:	0330	METAREA bulletins for XVII and XVIII and the Northwestern part of METAREA IV within Canadian waters.		
	A:	1530	METAREA bulletins for XVII and XVIII and the Northwestern part of METAREA IV within Canadian waters.		
	B:	0110 1320	Weather synopsis and forecasts on request for Sea Areas 151–164 and 310-312.		
	L:	0110			
	E:	1240 2310	Weather synopsis and forecasts on request for Sea Areas 125–138.		
	J:	1240			
	C, D:	1410 2235	Weather synopsis and forecasts on request for Sea Areas 137–150 and 228–230.		
	I:	1410			
	F, K:	1435	Weather synopsis and weather forecast for Sea Areas 111–122 inclusive.		
	G, K:	0235	Weather synopsis and weather forecast on request for Sea Areas 111–122 inclusive.		
H, K, N, O, P:	0115 1315	Weather synopsis and weather forecast on request for marine forecast areas 180, 190–195, 112 and 113.			

Continued on next page

VI

CANADA (Arctic Coast, Atlantic Coast and Saint Lawrence River)

IQALUIT (NUNAVUT) (CANADIAN COAST GUARD) (VFF) (Continued)

Navigational Warnings	A:	0330 1530	NAVAREA XVII and XVIII warnings.
	B:	0110 1320	Navigational Warnings 'Series A' for all NORDREG waters bound by Shipping Safety Control Zones 8, 14 and 16, including Southern Hudson Bay, James Bay, Chesterfield Inlet and Baker Lake.
	L:	0110	
	C, D:	1410 2235	Navigational Warnings 'A Series' and relevant 'N Series' for all NORDREG waters bound by Shipping Safety Control Zones 9, 10 and 15, including Ungava Bay and along the Labrador coast southward to 58°N.
	I:	1410	
	E:	1240 2310	Navigational Warnings 'Series A' for all NORDREG waters bound by Shipping Safety Control Zones 1–3, 5, 6, 9 and 13.
	J:	1240	
	F:	1435	
	G:	0235	Navigational Warnings 'Series A' for all NORDREG waters west of Taloyoak.
	K:	0235 1435	
	H, K, N, O, P:	0115 1315	Navigational Warnings 'Series A' for Great Slave Lake, Hay River, Mackenzie River and Mackenzie Delta bound by forecast areas 112 and 113.
	B, C, D, E, G, K:	1705	Ice boundary information. Ice forecasts on request for Sea Areas 111–125, 135–163, 228–230 and 310–312.
¹ Operational approximately mid May to mid December. ² Operational approximately early July to late October. ³ Operational approximately early July to mid December. ⁴ Operational approximately mid July to late October. ⁵ Operational approximately early July to mid October. ⁶ Operational approximately mid May to late October.			
NOTE(S): 1. Available in English and French. 2. For full details of NORDREG see ALRS Volume 6(5) (NP286(5)).			

(former update 10/24)

Canadian Bulletin 6/24 (RSDRA2024000185296) 32/24

VOLUME 5, NP285, Fifth Edition, 2024

Published Wk 32/24
First updates in Wk 32/24

RECORD OF UPDATES

PAGE ii, NEW EDITION, First Updates.
Insert:

This edition was published in Wk 32/24
First updates issued in Wk 32/24

UKHO 32/24

VI

VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1

PAGE 134, NAVAREA III, ITALY.
PALERMO.

Delete entry and replace by:

PALERMO	002470002			
Remotely controlled stations:-				
		38°08'·39N 13°20'·61E	N/A	Operational
Adriatic Coast				
Abbate Argento	002470121	40°52'·22N 17°17'·27E	54	Operational (MRSC Bari)
Casa d'Orso	002470121	41°49'·10N 15°59'·44E	80	Operational (MRSC Bari)
Monte Calvario	002470131	42°04'·60N 14°39'·62E	52	Operational (MRSC Ancona)
Monte Sant'Angelo	002470121	41°42'·53N 15°56'·65E	78	Operational (MRSC Bari)
Sicilia (North Coast)				
Cefalù	002470002	38°01'·27N 13°57'·46E	55	Operational (MRSC Palermo)
Erice	002470002	38°02'·13N 12°34'·84E	73	Operational (MRSC Palermo)
Fortè Spuria	002470129	38°16'·12N 15°37'·32E	33	Operational (MRSC Catania)
Monte Pellegrino	002470002	38°09'·78N 13°21'·43E	68	Operational (MRSC Palermo)
Ustica	002470002	38°42'·40N 13°10'·67E	43	Operational (MRSC Palermo)
Sicilia (South Coast)				
Campoloto Alto	002470120	37°16'·62N 15°12'·12E	32	Operational (MRSC Catania)
Gela	002470128	37°04'·50N 14°13'·57E	20	Operational (MRSC Palermo)
Monte Lauro	002470120	37°07'·03N 14°49'·16E	85	Operational (MRSC Catania)
Monte San Calogero	002470128	37°31'·13N 13°07'·07E	54	Operational (MRSC Palermo)
Siracusa	002470120	37°05'·58N 15°12'·27E	42	Operational (MRSC Catania)
Sicilian Channel				
Lampedusa	002470126	35°31'·15N 12°37'·41E	27	Operational (MRSC Palermo)
Pantelleria	002470128	36°46'·82N 12°01'·28E	79	Operational (MRSC Palermo)
South Coast				
Brancaleone	002470124	37°57'·84N 16°05'·88E	32	Operational (MRSC Reggio Calabria)
Capo Colonna	002470124	39°01'·87N 17°09'·64E	37	Operational (MRSC Reggio Calabria)
Capo dell'Armi	002470124	37°57'·25N 15°40'·83E	30	Operational (MRSC Reggio Calabria)
Monte Parano	002470121	40°26'·52N 17°25'·10E	35	Operational (MRSC Bari)
Monte Sardo	002470121	39°52'·68N 18°20'·48E	39	Operational (MRSC Bari)
Monte Titolo	002470124	40°00'·03N 16°35'·38E	55	Operational (MRSC Bari)
Punta Stilo	002470124	38°26'·85N 16°34'·65E	26	Operational (MRSC Reggio Calabria)
West Coast				
Capri	002470130	40°33'·28N 14°15'·63E	50	Operational (MRSC Napoli)
Monte Mancuso	002470129	39°00'·52N 16°13'·10E	97	Operational (MRSC Reggio Calabria)
Posillipo (Napoli)	002470130	40°48'·80N 14°10'·98E	36	Operational (MRSC Napoli)
Serra del Tuono	002470130	40°02'·85N 15°41'·98E	92	Operational (MRSC Reggio Calabria)
Varco del Salice	002470130	40°17'·37N 15°02'·26E	69	Operational (MRSC Napoli)

IMO Master Plan (RSDRA2024000141406 & RSDRA2024000154262) 32/24

VI

PAGE 134, NAVAREA III, ITALY. ROMA RADIO.

Delete entry and replace by:

ROMA RADIO	002470001			
Remotely controlled stations:-				
Adriatic Coast				
Ancona	002470119	43°35'70N 13°28'59E	39	Operational (MRSC Ancona)
Forte Garibaldi	002470119	43°36'33N 13°31'83E	39	Operational (MRSC Ancona)
Monte Cero	002470135	45°15'30N 11°40'13E	57	Operational (MRSC Venezia)
Monte Conero	002470119	43°32'93N 13°36'33E	64	Operational (MRSC Ancona)
Monte Secco	002470134	42°58'00N 13°51'00E	39	Operational (MRSC Ancona)
Piancavallo	002470135	46°05'47N 12°32'43E	70	Operational (MRSC Trieste)
Ravenna Bassette	002470135	44°27'12N 12°13'17E	20	Operational (MRSC Ravenna)
Silvi	002470131	42°33'87N 14°05'53E	44	Operational (MRSC Ancona)
Trieste Conconello	002470135	45°40'07N 13°47'48E	53	Operational (MRSC Trieste)
Sardegna				
Badde Urbara	002470122	40°09'43N 8°37'75E	83	Operational (MRSC Cagliari)
Margine Rosso	002470122	39°13'62N 9°14'03E	22	Operational (MRSC Cagliari)
Monte Limbara	002470132	40°51'20N 9°09'84E	97	Operational (MRSC Olbia)
Monte Moro	002470132	41°06'43N 9°30'72E	57	Operational (MRSC Olbia)
Monte Serpeddi	002470122	39°22'00N 9°17'82E	88	Operational (MRSC Cagliari)
Monte Su Aspru	002470132	40°58'74N 9°28'00E	61	Operational (MRSC Olbia)
Monte Tului	002470132	40°16'00N 9°35'00E	80	Operational (MRSC Olbia)
Osilo	002470133	40°44'17N 8°40'38E	72	Operational (MRSC Cagliari)
Porto Cervo	002470132	41°08'17N 9°32'35E	24	Operational (MRSC Olbia)
Punta Campu Spina	002470001	39°22'47N 8°34'02E	N/A	Temporarily inoperative (MRSC Cagliari)
Punta San Michele	002470122	39°20'37N 8°36'23E	80	Operational (MRSC Cagliari)
West Coast				
Castellaccio	002470125	44°25'75N 8°55'98E	56	Operational (MRSC Genova)
Formia	002470001	41°15'08N 13°35'97E	30	Operational (MRSC Civitavecchia)
Gorgona	002470127	43°25'60N 9°53'62E	44	Operational (MRSC Livorno)
Monte Argentario	002470123	42°23'60N 11°09'86E	67	Operational (MRSC Livorno)
Monte Bignone	002470125	43°52'16N 7°44'57E	70	Operational (MRSC Genova)
Monte Cavo	002470001	41°45'25N 12°42'62E	70	Operational (MRSC Civitavecchia)
Monte Nero	002470127	43°29'42N 10°21'65E	50	Operational (MRSC Livorno)
Monte Paradiso	002470123	42°05'00N 11°51'00E	51	Operational (MRSC Roma)
Monte Perone	002470127	42°46'72N 10°12'28E	67	Operational (MRSC Livorno)
Zoagli	002470125	44°20'37N 9°15'52E	37	Operational (MRSC Genova)

IMO Master Plan (RSDRA2024000141406 & RSDRA2024000154262) 32/24

MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2

PAGE 161, NAVAREA III, ITALY. PALERMO.

Delete entry and replace by:

PALERMO	002470002			
Remotely controlled stations:-				
Palermo (Punta Raisi)	002470002	38°11'30N 13°06'50E	200	Operational (MRSC Palermo)
Adriatic Coast				
Bari	002470121	40°26'52N 17°25'10E	200	Operational (MRSC Bari)
Sicilia & Isole Pelagie				
Augusta	002470120	37°14'22N 15°14'42E	200	Operational (MRSC Catania)
Mazara del Vallo	002470128	37°40'20N 12°36'77E	200	Operational (MRSC Palermo)

IMO Master Plan (RSDRA2024000141406 & RSDRA2024000154262) 32/24

VI

PAGE 162, NAVAREA III, ITALY. ROMA RADIO.

Delete entry and replace by:

ROMA RADIO	002470001				
Remotely controlled stations:-					
Adriatic Coast					
Ancona	002470119	43°35'·70N 13°28'·59E	200	Operational	(MRSC Ancona)
Trieste Conconello	002470135	45°40'·07N 13°47'·48E	200	Operational	(MRSC Trieste)
Sardegna					
Margine Rosso	002470122	39°13'·62N 9°14'·03E	200	Operational	(MRSC Cagliari)
Porto Torres	002470130	40°50'·00N 8°24'·00E	200	Operational	(MRSC Olbia)
West Coast					
Civitavecchia	002470123	42°02'·00N 11°50'·13E	200	Operational	(MRSC Civitavecchia)
Genova	002470125	44°25'·78N 8°55'·98E	200	Operational	(MRSC Genova)

IMO Master Plan (RSDRA2024000141406 & RSDRA2024000154262) 32/24

VOLUME 6, NP286(4), Fourth Edition, 2023

Published Wk 36/23

(Last Updates: Weekly Edition No. 31 dated 01 August 2024)

PAGES 190 & 191, INDONESIA, BALIKPAPAN, Kalimantan.

Delete entry and replace by:

BALIKPAPAN, Kalimantan

UNCTAD LOCODE: ID BPN

1°16'S 116°49'E**Pilots****CONTACT DETAILS:****Pilot Station**

VHF Channel: Ch 16; 12 14

Telephone: +62(0)542 411930

HOURS: H24**PROCEDURE:**

- (1) **Pilotage is compulsory** for all vessels over 500 gt.
- (2) **Pilot ordering:** Vessels should order a Pilot at least 4h before arrival or 3h before departure.
- (3) Vessels arriving by night should anchor off the Fairway Lt buoy and give their call sign to the Pilot Radio Station on VHF Ch 12.
- (4) **Pilot boards** in position 1°21'50S 116°56'70E (in the vicinity of the Fairway Lt buoy).

Vessel Traffic Service**CONTACT DETAILS:**

Call: VTS Balikpapan

VHF Channel: Ch 67 68

Telephone: +62(0)542 735333

Fax: +62(0)542 749190

E-mail: vtsllbalikpapan@gmail.com

MMSI: 005250009

REPORTING:

- (1) Inward-bound Reporting Lines have been established as follows:
 - (a) **North:** Joining positions 1°15'99S 116°53'97E and 1°16'00S 117°12'00E
 - (b) **East:** Joining positions 1°16'00S 117°12'00E and 1°36'00S 117°12'00E
 - (c) **South:** Joining positions 1°36'00S 117°12'00E and 1°36'00S 116°46'00E
 - (d) **West:** Joining positions 1°36'00S 116°46'00E and 1°22'00S 116°46'00E
- (2) Two-way Reporting Points have been established as follows:
 - (a) Vessels entering/exiting the fairway inward-bound/outward-bound from Balikpapan: 1°21'22S 116°56'15E
 - (b) Vessels entering/exiting Kariangau Terminal: 1°12'67S 116°46'72E
- (3) Vessels are required to report the following information:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Last port
 - (d) Next port
 - (e) ETA
 - (f) Draught
 - (g) Cargo
 - (h) Other relevant information

Port**CONTACT DETAILS:****Hr Mr**

Telephone: +62(0)542 422096

Port Administration

Telephone: +62(0)542 422096

Shipping Manager

Telephone: +62(0)542 411930

continued on next column

Port Authority

Telephone: +62(0)542 422246

+62(0)542 426061

+62(0)542 731224

E-mail: balikpapan@pelindo.co.id

Website: www.pelindo.co.id/port/pelabuhan-balikpapan

PT Kaltim Kariangau Terminal

Telephone: +62(0)852 48898504

+62(0)811 5377087

E-mail: admin@kariangauterminal.co.id

Website: www.kariangauterminal.co.id

HOURS: H24**PROCEDURE:****Notice of ETA:** Vessels should send ETA 48h in advance. This message should contain the following information:

- (1) Vessel's name and call sign
- (2) Position
- (3) Port of origin/destination
- (4) Whether dry cargo to be discharged, if any
- (5) ETA
- (6) Draught
- (7) Other relevant information

NOTE:

Communication with the port can also be established via Balikpapan CRS (PKN). See NP281(2) for frequencies.

(Former update 36/23)

Indonesian Notice 22/218/24 & Pelindo Website, (RSDRA2024000160984 & RSDRA2024000192803), 32/24

PAGE 205, INDONESIA, above JAYAPURA, Papua entry.

Insert new entry:

JANGKAR, Jawa**7°43'S 114°13'E****Port****CONTACT DETAILS:**

Call: Panarukan Radio

VHF Channel: Ch 16

Telephone: +62(0)338 62416

PROCEDURE:

- (1) A two-way Reporting Line has been established joining the following positions:
 - (a) 7°40'70S 114°05'43E
 - (b) 7°34'85S 114°05'43E
 - (c) 7°34'84S 114°20'03E
 - (d) 7°45'31S 114°19'99E
- (2) Vessels are required to report the following:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Port of origin/destination
 - (d) Draught
 - (e) LOA and other relevant information

Indonesian Notice 22/218/24, (RSDRA2024000160984), 32/24

PAGE 207, INDONESIA, KALIANGET, Madura Island, Jawa.

Delete entry and replace by:

KALIANGET, Madura Island, Jawa

UNCTAD LOCODE: ID KAT

7°03'S 113°56'E**Pilots****PROCEDURE:****Pilotage is not available.****Port****CONTACT DETAILS:**

Call: Kalianget Radio
 VHF Channel: Ch 16
 Telephone: +62(0)328 662447
 E-mail: ptpelindokalianget@gmail.com

PROCEDURE:

(1) **Notice of ETA:** Vessels should send ETA 10 days, 72h, 48h and 24h prior to arrival. Message should contain the following information:

- Vessel's name and call sign
- Position
- Port of origin/destination
- Draught
- LOA and other relevant information

(2) A two-way Reporting Line has been established joining the following positions:

- 7°06'·81S 114°03'·52E
- 7°11'·92S 114°03'·00E
- 7°11'·74S 113°52'·73E
- 7°08'·08S 113°50'·53E

(Former update 36/23)

Indonesian Notice 22/218/24 & Pelindo Website, (RSDRA2024000160984 & RSDRA2024000192803), 32/24

PAGES 212 & 213, INDONESIA, LINGKAS, Tarakan Terminal, Kalimantan.

Delete entry and replace by:

LINGKAS, Tarakan Terminal, Kalimantan**3°17'N 117°35'E**

UNCTAD LOCODE: ID TRK

Pilots**PROCEDURE:**

(1) **Pilotage is compulsory.** Berthing and unberthing HJ only. Pilots do not normally work at night.

(2) **Pilot ordering:** Vessels should send request for Pilots 12h before arrival or 10h before departure.

(3) **Pilot boards** in the following positions:

- Sea Pilot: 3°14'·74N 117°53'·69E (in the vicinity of the Fairway Lt buoy, 15 n miles E of Tanjung Batu)
- Berthing Pilot: At the anchorage

Vessel Traffic Service**CONTACT DETAILS:**

Call: VTS Tarakan
 VHF Channel: Ch 16; 10 14
 Telephone: +62(0)551 2029402
 Fax: +62(0)551 31335
 E-mail: tarakanvts@gmail.com
 MMSI: 005250017

*continued on next column***REPORTING:**

(1) A two-way Reporting Point has been established in position 3°14'·51N 117°53'·83E.

(2) Vessels are required to report the following information:

- Vessel's name
- Clearance information
- Port of origin/destination
- Anchorage area
- Other relevant information.

Port**CONTACT DETAILS:**

Telephone: +62(0)551 21527
 +62(0)551 22142
 +62(0)551 24437
 +62(0)551 24037
 E-mail: tarakan@pelindo.co.id
 Website: <https://www.pelindo.co.id/port/pelabuhan-tarakan>

HOURS: H24**PROCEDURE:**

Notice of ETA: Vessels should send ETA 72h, 48h and 24h in advance. Message should contain the following information:

- Vessel's name
- Clearance information
- Port of origin/destination
- Anchorage area
- Other relevant information

(Former update 36/23)

Indonesian Notice 22/218/24 & Pelindo Website, (RSDRA2024000160984 & RSDRA2024000192803), 32/24

PAGE 226, INDONESIA, PROBOLINGGO, Jawa (TANJUNG TEMBAGA).

Delete entry and replace by:

PROBOLINGGO, Jawa (TANJUNG TEMBAGA)**7°43'S 113°13'E**

UNCTAD LOCODE: ID PRO

Pilots**PROCEDURE:****Pilotage is compulsory.****Port****CONTACT DETAILS:**

Call: Probolinggo Radio
 VHF Channel: Ch 16
 Telephone: +62(0)335 421363
 +62(0)335 421385
 E-mail: tanjungtembaga@pelindo.co.id
 Website: www.pelindo.co.id/port/pelabuhan-tanjung-tembaga-probolinggo

PROCEDURE:

(1) A two-way Reporting Line has been established joining the following positions:

- 7°42'·85S 113°08'·55E
- 7°36'·19S 113°08'·55E
- 7°36'·19S 113°24'·94E
- 7°43'·31S 113°24'·94E

(2) **Notice of ETA:** Vessels should send ETA to the agent 10 days, 72h, 48h and 24h prior to arrival. Message should contain the following information:

- Vessel's name and call sign
- Position
- Port of origin/destination
- Draught
- LOA and other relevant information

(Former update 36/23)

Indonesian Notice 22/218/24 & Pelindo Website, (RSDRA2024000160984 & RSDRA2024000192803), 32/24

VI

PAGE 233, INDONESIA, SORONG, Papua, Vessel Traffic Service and Port sections.

Delete sections and replace by:

Vessel Traffic Service

CONTACT DETAILS:

Call: VTS Sorong
VHF Channel: Ch 16; 20
Telephone: +62(0)951 321827
E-mail: sorongradio@yahoo.com
MMSI: 005250011

REPORTING:

- (1) Reporting Lines have been established as follows:
 - (a) **North:** Joining positions 0°46'·63S 131°23'·72E and 0°46'·65S 130°55'·42E
 - (b) **South:** Joining positions 1°00'·18S 131°03'·90E and 1°00'·22S 131°15'·28E
 - (c) **West:** Joining positions 0°46'·65S 130°58'·76E and 0°55'·27S 130°58'·79E
- (2) Reporting Points have been established as follows:
 - (a) **South:** In approximate position 0°55'·76S 131°13'·74E
 - (b) **West:** In approximate position 0°52'·27S 131°12'·30E
- (3) Vessels are required to report the following information:
 - (a) Vessel's name and call sign
 - (b) MMSI Number
 - (c) Last port
 - (d) Destination
 - (e) ETA
 - (f) Draught
 - (g) gt
 - (h) Vessel type
 - (i) Other relevant information

Port

CONTACT DETAILS:

Telephone: +62(0)951 333649
+62(0)951 321930
+62(0)951 321858
E-mail: sorong@pelindo.co.id
Website: www.pelindo.co.id/port/pelabuhan-sorong

HOURS: H24

PROCEDURE:

Notice of ETA: Vessels should make contact 72h, 48h and 24h in advance. The message should contain the following information:

- (1) Vessel's name and call sign.
- (2) MMSI Number.
- (3) Port of origin/destination.
- (4) ETA.
- (5) Draught and gt.
- (6) Vessel type and other relevant information.

NOTE:

Communication with the port can also be established via Sorong CRS (PKY4). See NP281(2) for frequencies.

(Former update 36/23)

Indonesian Notice 22/218/24 & Pelindo Website, (RSDRA2024000160984 & RSDRA2024000192803), 32/24

PAGE 234, INDONESIA, TADDAN CAMPLONG.

Delete entry and replace by:

TADDAN CAMPLONG

7°13'S 113°18'E

Pilots

PROCEDURE:

Pilot boards in position 7°15'·01S 113°18'·15E.

Port

CONTACT DETAILS:

Call: Branta Radio
VHF Channel: Ch 16

PROCEDURE:

- (1) A two-way Reporting Line has been established joining the following positions:
 - (a) 7°15'·14S 113°30'·14E
 - (b) 7°19'·92S 113°30'·14E
 - (c) 7°19'·94S 113°13'·77E
 - (d) 7°13'·38S 113°13'·70E
- (2) **Notice of ETA:** Message should contain the following information:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Port of origin/destination
 - (d) Draught
 - (e) LOA and other relevant information

(Former updates 36/23 & 07/24)

Indonesian Notice 22/218/24, (RSDRA2024000160984), 32/24

PAGE 236, INDONESIA, above TANJUNG PINANG, Bintan, Sumatera entry.

Insert new entry.

TANJUN PAKIS, Jawa

6°52'S 112°25'E

Port

CONTACT DETAILS:

Call: Tuban Radio
VHF Channel: Ch 16

PROCEDURE:

- (1) A two-way Reporting Line has been established joining the following positions:
 - (a) 6°36'·97S 112°21'·43E
 - (b) 6°36'·97S 112°28'·44E
 - (c) 6°53'·89S 112°28'·64E
 - (d) 6°51'·74S 112°21'·48E
- (2) Vessels are required to report the following information:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Port of origin/destination
 - (d) Draught
 - (e) LOA and other relevant information

Indonesian Notice 22/218/24, (RSDRA2024000160984), 32/24

PAGE 237, INDONESIA, TANJUNG WANGI, including Banyuwangi, Jawa (MENENG), Port section.
Delete section and replace by:

Port

CONTACT DETAILS:

Port Authority

Call: Meneng Radio
VHF Channel: Ch 16
Telephone: +62(0)333 510636
E-mail: tanjungwangi@pelindo.co.id

Pertamina

VHF Channel: Ch 09 16

HOURS: H24

PROCEDURE:

- (1) Reporting Lines have been established as follows.
 - (a) **North:** A two-way Reporting Line joining the following positions:
 - (i) 7°53'47S 114°27'72E
 - (ii) 8°07'26S 114°34'31E
 - (b) **South:** A two-way Reporting Line joining the following positions:
 - (i) 8°23'79S 114°35'16E
 - (ii) 8°27'09S 114°23'83E
- (2) **Notice of ETA:** Message should contain the following information:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Port of origin/destination
 - (d) Draught
 - (e) LOA and other relevant information

(Former update 36/23)

Indonesian Notice 22/218/24 & Pelindo Website, (RSDRA2024000160984 & RSDRA2024000192803), 32/24

PAGE 238, INDONESIA, TANJUNGPERAK, Surabaya, Jawa, Vessel Traffic Service section.

Delete section and replace by:

Vessel Traffic Service

CONTACT DETAILS:

Call: VTS Surabaya
VHF Channel: Ch 68
Telephone: +62(0)31 3291755
Fax: +62(0)31 3291717
E-mail: surabayaradio@yahoo.com
MMSI: 005251570

REPORTING:

- (1) Reporting Lines have been established as follows.
 - (a) **South:** A two-way Reporting Line joining the following positions:
 - (i) 7°13'99S 113°08'55E
 - (ii) 7°37'80S 112°58'14E
 - (b) **North:** A two-way Reporting Line joining the following positions:
 - (i) 6°49'99S 112°35'13E
 - (ii) 6°34'70S 112°35'19E
 - (iii) 6°34'70S 112°51'11E
 - (iv) 6°53'57S 112°51'11E
- (2) Vessels are required to report the following information:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Port of origin/destination
 - (d) Draught
 - (e) LOA and other relevant information

(Former update 36/23)

Indonesian Notice 22/218/24 & Pelindo Website, (RSDRA2024000160984 & RSDRA2024000192803), 32/24

VOLUME 6, NP286(6), Fifth Edition, 2024

Published Wk 01/24

(Last Updates: Weekly Edition No. 31 dated 01 August 2024)

PAGE 5, CHINA, below BAYUQUAN entry.

Insert new entry:

BEIBU GULF VESSEL TRAFFIC SERVICE 21°22'N 108°55'E

See diagram BEIBU GULF VESSEL TRAFFIC SERVICE.

Gulf Vessel Traffic Service

AREA:

Beibu Gulf Vessel Traffic Service is two areas bounded by the following positions:

- (1) Area one:
 - (a) 21°31'15N 109°39'27E
 - (b) 21°16'00N 109°39'27E
 - (c) 21°16'00N 108°16'50E
 - (d) 21°32'37N 108°16'50E
- (2) Area two: an arc with a 5 n mile radius, going in the directions 270° and 360°, centred on position 21°02'03N 109°06'72E.
- (3) The two areas are then sub-divided into five sectors: Beihai VTS, Tieshan VTS, Weizhou Island VTS, Qinzhou VTS and Fangchenggang VTS.

CONTACT DETAILS:

Beibu Gulf VTS Centre

VHF Channel: Ch 12
Telephone: +86(0)777 3888370
Fax: +86(0)777 3666975

HOURS: H24

PROCEDURE:

- (1) Participation in the VTS is **mandatory** for the following:
 - (a) All foreign vessels
 - (b) Chinese vessels of 300 gt and over
 - (c) Passenger vessels
 - (d) Vessels carrying dangerous goods
 - (e) Vessels with restricted movement or engaged in towing
 - (f) Vessels engaged in water and underwater activities
- (2) All communication with the VTS should be in Mandarin Chinese or English.

REPORTING:

- (1) **Entry Report:** Vessels are required to report to Beibu Gulf VTS, the following via VHF Ch 12, telephone or fax when crossing a Reporting Line:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Navigation plan
 - (d) Dynamics
 - (e) Vessels carrying dangerous goods are also required to report the name, type and quantity of dangerous goods carried
 - (f) Vessels engaged in tow are also required to report the name of the towed object and the length of tow
 - (g) Any other information required by the VTS
- (2) **Arrival Report:** Vessels are required to report the following information to the relevant VTS station via VHF Ch 09 or 10 on arrival at their berth or anchorage:
 - (a) Vessel's name and call sign
 - (b) Position
 - (c) Time
 - (d) Any other information required by the VTS

continued on next page

(3) **Departure Report:** Vessels are required to report the following information to the relevant VTS station via VHF Ch 09 or 10 prior to leaving berth or raising their anchor:

- (a) Vessel's name and call sign
- (b) Position
- (c) Time
- (d) Destination
- (e) ETA of entering the channel
- (f) Any other information required by the VTS

(4) **Leaving Report:** Vessels are required to report the following information to Beibu Gulf VTS via VHF Ch 12, telephone or fax when crossing a Reporting Line:

- (a) Vessel's name and call sign
- (b) Position
- (c) Time of passing reporting line
- (d) Any other information required by the VTS

(5) **Change Report:** Vessels are required to report if their forecast plan changes to the relevant VTS station via VHF Ch 09, 10 or 12 (for Beibu Gulf VTS, can also report via telephone or fax).

(6) **Accident Report:** Vessels are required to report to the relevant VTS station via VHF Ch 09 or 10 if the vessel is involved in an accident which affects the safety of navigation and environment.

(7) **Abnormal Circumstances Report:** Vessels are required to report to the relevant VTS station via VHF Ch 09 or 10 if discovering an abnormal situation which affects the safety of navigation.

(8) **Activity Report:** Vessels are required to report the following information to the relevant VTS station via VHF Ch 09 or 10 in the following situations:

- (a) Engaged in towing
- (b) Shifting berth
- (c) Anchoring outside of non-anchorage waters
- (d) Sea trials
- (e) Overhaul of main engine, boiler, windlass, rudder, and other systems affecting the operational capability of the vessel
- (f) Compass adjustment
- (g) Lifeboat launches
- (h) Oil supply and pollution prevention operations
- (i) Salvage, blasting and any other underwater operations
- (j) Any other operations that affect navigational safety
- (k) The report should include the following information:
 - (i) Vessel's name and call sign
 - (ii) Position
 - (iii) Any other information requested by the VTS

(9) **Pilot Report:** When the Pilot boards or disembarks the following must be reported:

- (a) Vessel's name and call sign
- (b) The time and position of the Pilot boarding or disembarking
- (c) Any other information required by the VTS

Beihai Vessel Traffic Service

AREA:

The VTS Area comprises the water area bounded by the following positions:

- (1) 21°34'00N 108°57'00E
- (2) 21°20'00N 108°57'00E
- (3) 21°20'00N 109°08'00E
- (4) 21°24'50N 109°08'00E

CONTACT DETAILS:

Beihai VTS

VHF Channel: Ch 10

REPORTING:

For details, see Gulf Vessel Traffic Service section.

Tieshan Vessel Traffic Service

AREA:

The VTS Area comprises the water area bounded by the following positions:

- (1) 21°26'67N 109°32'00E
- (2) 21°20'17N 109°32'00E
- (3) 21°20'17N 109°39'00E
- (4) 21°31'00N 109°39'00E

CONTACT DETAILS:

Tieshan VTS

VHF Channel: Ch 10

REPORTING:

For details, see Gulf Vessel Traffic Service section.

Weizhou Island Vessel Traffic Service

AREA:

The VTS Area comprises the water area bounded by an arc with a 5 n mile radius, going in the directions 270° and 360°, centred on position 21°02'03N 109°06'72E.

CONTACT DETAILS:

Weizhou Island VTS

VHF Channel: Ch 10

REPORTING:

For details, see Gulf Vessel Traffic Service section.

Qinzhou Vessel Traffic Service

AREA:

The VTS Area comprises the water area bounded by the following positions:

- (1) 21°24'50N 108°33'00E
- (2) 21°24'50N 108°42'00E
- (3) 21°44'50N 108°42'00E
- (4) 21°44'50N 108°33'00E

CONTACT DETAILS:

Qinzhou VTS

VHF Channel: Ch 09

REPORTING:

For details, see Gulf Vessel Traffic Service section.

Fangcheng Vessel Traffic Service

AREA:

The VTS Area comprises the water area bounded by the following positions:

- (1) 21°27'00N 108°19'00E
- (2) 21°27'00N 108°27'00E
- (3) 21°33'33N 108°27'00E
- (4) 21°34'83N 108°19'00E

CONTACT DETAILS:

Fangchenggang VTS

VHF Channel: Ch 10

REPORTING:

For details, see Gulf Vessel Traffic Service section.

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023, (RSDRA2024000106724), 32/24

PAGE 5, CHINA, below BEIBU GULF VESSEL TRAFFIC SERVICE entry.

Insert new diagram BEIBU GULF VESSEL TRAFFIC SERVICE on page 6.19

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023, (RSDRA2024000106724), 32/24

continued on next column

PAGE 8, CHINA, BEIHAI, Pilots section.

Delete and replace by:

Pilots**CONTACT DETAILS:**

VHF Channel: Ch 16; 14

Telephone: +86(0)779 3922249

HOURS: H24**PROCEDURE:****(1) Pilotage is compulsory for:**

- (a) All foreign vessels
- (b) Chinese vessels that are required to apply for pilotage by law

(2) Pilot ordering:

- (a) Vessels must apply to the Port Superintendency for pilotage 24h prior to arrival, and confirm 12h prior to arrival at the anchorage
- (b) Departing vessels must apply for pilotage 12h prior to departure

(3) Pilot boards in the following positions:

- (a) No 1 (for vessels with a draught over 12.5m): 21°17'·10N 108°59'·27E
- (b) No 2 (for vessels with a draught less than 12.5m): 21°20'·33N 108°59'·00E

Vessel Traffic Service

For details see BEIBU GULF VESSEL TRAFFIC SERVICE.

Ship's Routing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24**PAGE 34, CHINA, FANGCHENG, Pilots section.**

Delete and replace by:

Pilots**CONTACT DETAILS:**

VHF Channel: Ch 06

HOURS: H24**PROCEDURE:****(1) Pilotage is compulsory for:**

- (a) All foreign vessels
- (b) Chinese vessels that are required to apply for pilotage by law

(2) Pilot ordering: Vessels should request Pilots 24h in advance and confirm ETA 12h prior to arrival.**(3) Departing vessels must apply for pilotage 12h in advance.****(4) Pilot boards in the following positions:**

- (a) 21°20'·00N 108°22'·67E (Vessels with a draught over 18.5m)
- (b) 21°22'·00N 108°22'·67E (Vessels with a draught less than 18.5m)
- (c) 21°25'·50N 108°19'·10E (Vessels with a draught of less than 10m)
- (d) 21°27'·00N 108°23'·40E (Vessels with a draught less than 14m)
- (e) 21°29'·50N 108°12'·00E (Zhenzhu Gang)
- (f) 21°33'·25N 108°29'·00E

Vessel Traffic Service

For details see BEIBU GULF VESSEL TRAFFIC SERVICE.

Ship's Routing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24**PAGE 67, CHINA, HONG KONG, Vessel Traffic Service, PROCEDURE, below section (5).**

Insert:

- (6) All communication with the VTS should be in Mandarin Chinese or English.

Ship's Routing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24**PAGES 67 & 68, CHINA, HONG KONG, Vessel Traffic Service, REPORTING section.**

Delete and replace by:

REPORTING:

(1) **Initial Report:** Vessels on course to enter Hong Kong waters from the sea or river trade waters shall report the following information to the Vessel Traffic Centre (VTC) via the appropriate sector VHF channel:

- (a) Vessel's name
- (b) Call sign
- (c) Nationality
- (d) Any material changes to information provided in the pre-arrival notice
- (e) Vessel's current location
- (f) Any other information required by the VTC

(2) **Pilot Report:** On embarkation or disembarkation of a Pilot in Hong Kong waters giving the time and location of the vessel at the time via the appropriate VHF sector channel.

(3) **Arrival Report:** On arrival into Hong Kong waters vessels must report the arrival to the VTC giving the time and berth or other location via the appropriate VHF sector channel.

(4) **Movement Report:** Before a vessel gets underway for a movement within Hong Kong waters, they must report that intended movement to the VTC and request permission to move via the appropriate VHF sector channel and provide the following information:

- (a) Vessel's name
- (b) Call sign
- (c) Current berth or other location and ETD from location
- (d) Intended berth or other intended location and ETA to location
- (e) Any special condition of the vessel
- (f) Any other relevant information, including any intention to carry out sea trials during the movement

(5) **Move Finished Report:** Vessels should report to the VTC on cessation of any movements giving the time, berth or other location of the vessel via the appropriate VHF sector channel.

(6) **Departure Report:** Prior to getting underway for departure from Hong Kong waters vessels must report the intended departure to the VTC and request permission to do so via the appropriate VHF sector channel and provide the following information:

- (a) Vessel's name
- (b) Call sign
- (c) Current berth or other location and ETD from location
- (d) Number of the port clearance
- (e) Any special condition of the vessel
- (f) Any other relevant information, including any intention to carry out sea trials before departure

(7) **Delay Report:** When the movement or departure reported to the VTC is delayed for any reason vessels must report the delay to the VTC via the appropriate VHF sector channel.

Ship's Routing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24**PAGE 74, CHINA, HUIZHOU, Daya Wan, Pilots, PROCEDURE, section (1).**

Delete and replace by:

(1) Pilotage is compulsory for:

- (a) All foreign vessels
- (b) Chinese vessels that are required to apply for pilotage by law

Ship's Routing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGES 74 to 76, CHINA, HUIZHOU, Daya Wan, Vessel Traffic Service section.

Delete and replace by:

Vessel Traffic Service

AREA:

The Huizhou VTS area consists of anchorages 8, 9, 10 and 11 and waters enclosed within a line joining the following positions:

- (1) 22°32'·70N 114°52'·90E
- (2) 22°30'·90N 114°38'·50E
- (3) 22°39'·27N 114°35'·67E

DESCRIPTION:

The VTS provides the following functions:

- (1) Traffic information (on request)
- (2) Weather information (on request)
- (3) Support of allied activities
- (4) Navigational assistance information
- (5) Traffic organisation
- (6) Navigational warnings

CONTACT DETAILS:

Call: Huizhou VTS Centre
VHF Channel: Ch 16; **08** 13
Telephone: +86(0)752 5566513
Fax: +86(0)752 5566221
E-mail: hzvtsc@163.com

HOURS: H24

PROCEDURE:

- (1) Participation in the VTS is **mandatory** for the following:
 - (a) All foreign vessels
 - (b) Chinese vessels of 500 gt and over
 - (c) Passenger vessels (except ferries)
 - (d) Vessels carrying dangerous goods
 - (e) Vessels with restricted movement
- (2) Other vessels are encouraged to participate on a voluntary basis.
- (3) Vessels engaged in the following operations within the VTS area should report to the VTS Centre before commencing operations and after completing operations:
 - (a) Towing
 - (b) Navigation trial
 - (c) Overhauling or repairing navigational equipment
 - (d) Launching of vessel's lifeboat
 - (e) Ship to ship alongside or ship to ship transfer operations
 - (f) Surface and/or underwater operations
 - (g) Bunkering
 - (h) Other operations which may impede other vessels
- (4) All communication with the VTS should be in Mandarin Chinese or English.

REPORTING LINE:

A Reporting Line has been established joining positions 22°30'·80N 114°37'·40E and 22°32'·70N 114°52'·90E

REPORTING:

- (1) **Pre Arrival Report:** Vessels of 500 gt and over should submit report to the VTS Centre via email or fax 24h in advance of arrival or on departure from previous port if less than 24h away. Reports should include the following information:
 - (a) Vessel's name and call sign
 - (b) Type of vessel
 - (c) Name and address of vessel's owner, operator or agent
 - (d) Flag state
 - (e) Port of registry
 - (f) LOA
 - (g) Beam
 - (h) Max height
 - (i) gt
 - (j) Number of ME and speed
 - (k) Cargo type and weight

- (l) Class and quantity of dangerous goods (including IMO number)
- (m) Arrival draught
- (n) Number of passengers, crew and vehicles
- (o) ETA
- (p) Last port of call
- (q) Expected berth
- (r) Nationality
- (s) Vessel's age
- (t) Time
- (u) Whether a Pilot is required
- (v) Cargo to be loaded/unloaded in port

- (2) **Berthing Report:** 24h in advance to the VTS Centre via email or fax including the following information:

- (a) Vessel's name
- (b) Name of berth
- (c) Berthing or unberthing
- (d) Maximum arrival and departure draught
- (e) Vessel's agent's name

- (3) **Pilotage Report:** 24h in advance to the VTS Centre via email or fax including the following information:

- (a) Vessel's name
- (b) Berth name
- (c) Berthing or unberthing
- (d) Time of boarding
- (e) Pilot's name
- (f) Pilot's mobile phone number

- (4) **Anchorage report:** Vessels bound for anchorages 1, 2, 3, 4, 5, 6, 7 and 12 report when crossing the Reporting Line. Vessels bound for anchorages 8, 9, 10 and 11, 0.5h in advance to the VTS Centre via VHF including the following information:

- (a) Vessel's name
- (b) Position
- (c) Max draught
- (d) Vessel type

- (5) **Entry Report:** On passing the Reporting Line inward-bound to the VTS Centre via VHF including the following information:

- (a) Vessel's name
- (b) Position
- (c) Last port of call
- (d) Max draught
- (e) Vessel type
- (f) Cargo information

- (6) **Arrival report:** On berthing or anchoring to the VTS Centre via VHF including the following information:

- (a) Vessel's name
- (b) Position

- (7) **Departure Report:** Before leaving the berth or on heaving anchor to the VTS Centre via VHF including the following information:

- (a) Vessel's name and call sign
- (b) Position
- (c) Next port of call
- (d) Draught
- (e) Cargo information

- (8) **Exit Report:** On passing the reporting Line outward-bound to the VTS Centre via VHF including the following information:

- (a) Vessel's name
- (b) Position

- (9) **Incident Report:** When involved in or discovering marine traffic incidents to the VTS Centre via VHF or any appropriate means including the following information:

- (a) Vessel's name
- (b) Position
- (c) Incident details

- (10) **Security Incident Report:** When involved in or discovering security incidents to the VTS Centre via VHF or any appropriate means including the following information:

- (a) Vessel's name
- (b) Nationality
- (c) Position
- (d) Vessel type
- (e) Condition of crew and cargo
- (f) Nature of incident or threat

continued on next column

continued on next page

(11) **Abnormality Report:** When discovering abnormality of navigation aids, drifting objects or any other unusual circumstances which may impede the safety of navigation to the VTS Centre via VHF including the following information:

- (a) Vessel's name
- (b) Position
- (c) Details of abnormal circumstances

(12) **Change Report:** Vessels are required to report by email or fax if their forecast plan changes.

(13) **Working Report:** Vessels are required to report in the following situations:

- (a) Overhaul of main engine, boiler, windlass, rudder and other systems affecting the operational capability of the vessel
- (b) Sea trials
- (c) Compass adjustment
- (d) Lifeboat launches
- (e) Any other operations that affect navigational safety
- (f) The report should include the following information:
 - (i) Vessel's name
 - (ii) Call sign
 - (iii) Position
 - (iv) Details of operation
 - (v) Any other information requested by the VTS

(14) **Pilot Report:** When the Pilot boards or disembarks the following must be reported:

- (a) Vessel's name
- (b) Call Sign
- (c) The time and position of the Pilot boarding or disembarking
- (d) Draught
- (e) Updated pilotage plan

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGE 74, CHINA, below HUIZHOU, Daya Wan entry.

Insert new diagram HUIZHOU VESSEL TRAFFIC SERVICE on page 6.20

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGE 118, CHINA, QINZHOU, Pilots and Vessel Traffic Service sections.

Delete and replace by:

Pilots

CONTACT DETAILS:

Telephone: +86(0)777 3888722

HOURS: H24

PROCEDURE:

(1) **Pilotage is compulsory.**

(2) **Pilot boards** in the following positions:

- (a) Quarantine Anchorage No 11 centred on position 20°59'23N 108°36'75E (Vessels over 300 000 gt)
- (b) Quarantine Anchorage No 7 centred on position 20°59'40N 108°22'93E (Vessels over 300 000 gt)
- (c) Quarantine Anchorage No 6-1 centred on position 21°03'30N 108°24'47E (Bulk Vessels over 200 000 gt)
- (d) Quarantine Anchorage No 6-2 centred on position 21°05'18N 108°29'95E (Bulk and Container Vessels over 200 000 gt)
- (e) Quarantine Anchorage No 5 centred on position 21°09'74N 108°25'07E (Vessels over 150 000 gt)
- (f) Explosives and Quarantine Anchorage No 4 centred on position 21°17'20N 108°17'93E (LNG Vessels and vessels carrying dangerous cargo of 100 000 gt or less)
- (g) Quarantine Anchorage centred on position 21°29'46N 108°30'87E (Vessels with a draught less than 8m)
- (h) 21°06'80N 108°34'50E (No 1)

continued on next column

- (i) 21°18'00N 108°37'60E (No 2 (Vessels with a draught less than 20m))
- (j) 21°25'22N 108°38'77E (No 1 (Vessels with a draught over 10m))
- (k) 21°29'50N 108°39'50E (No 2 (Vessels with a draught less than 10m))
- (l) 21°29'50N 108°37'20E (No 3 (Vessels with a draught less than 20m))

Vessel Traffic Service

For details see BEIBU GULF VESSEL TRAFFIC SERVICE.

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGE 119, CHINA, QIONGZHOU HAIXIA (HAI-NAN STRAIT), Vessel Traffic Service, CONTACT DETAILS, Vessel Traffic Service section.

Delete and replace by:

Vessel Traffic Service

Call: Qiongzhou Strait VTS

VHF Channel: Ch 16; **08 25**

Telephone: +86(0)898 68653899

+86(0)898 68663304

Fax: +86(0)898 68666231

+86(0)898 68663304

E-mail: vtsqz@hnmsa.gov.cn

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGE 121, CHINA, QIONGZHOU HAIXIA (HAI-NAN STRAIT), Vessel Traffic Service, PROCEDURE, section (10).

Delete and replace by:

(10) Vessels departing from a port within the reporting area shall report the following upon arrival at the Fairway No 1 buoy of each port:

- (a) Vessel's name and call sign
- (b) Position
- (c) Nationality

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGE 143, CHINA, TIESHAN.

Delete entry and replace by:

TIESHAN

UNCTAD LOCODE: CN BHT

21°29'N 109°33'E

Pilots

For details see BEIHAI.

PROCEDURE:

Pilot boards in the following positions:

- (1) No 1 (for vessels with a draught over 12.5m): 21°17'43N 109°31'00E
- (2) No 2 (for vessels with a draught less than 12.5m): 21°20'41N 109°34'31E

Vessel Traffic Service

For details see BEIBU GULF VESSEL TRAFFIC SERVICE.

Port

For details see BEIHAI.

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGE 153, CHINA, XIUYU, Meizhou Wan, Pilots, CONTACT DETAILS section.

Delete and replace by:

CONTACT DETAILS:

Meizhou Bay Port Pilot Station

VHF Channel: Ch 16; 11

Telephone: +86(0)594 2339965

Ship's Routeing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

PAGES 169 & 171 to 172, CHINA, ZHANJIANG.

Delete entry and replace by:

ZHANJIANG

UNCTAD LOCODE: CN ZHA

21°10'N 110°25'E

See diagram ZHANJIANG VESSEL TRAFFIC SERVICE.

Pilots**CONTACT DETAILS:**

VHF Channel: Ch 16

Telephone: +86(0)759 2250770

+86(0)759 2250771

Website: www.zjpilot.com (Chinese)

HOURS: H24**PROCEDURE:****(1) Pilotage is compulsory for:**

- (a) All foreign vessels
- (b) Chinese vessels that are required to apply for pilotage

(2) Pilot ordering: Pilots should be requested via agent or owner.**(3) Pilot boards** in the following positions:

- (a) No 5: 20°58'00N 111°04'00E
- (b) No 4: Pilot boarding area centred on 20°59'30N 110°52'24E
- (c) No 3: Pilot boarding area centred on 21°01'99N 110°43'52E
- (d) Vessels unfamiliar with fairway conditions and with a draught over 9.5m: Pilot Anchorage No 1 (20°58'05N 110°37'30E)
- (e) Vessels with a draught less than 9.5m: Pilot and Quarantine Anchorage No 2 (21°05'37N 110°30'76E)
- (f) No 2: 21°04'93N 110°29'85E
- (g) No 6: 20°28'00N 109°43'00E (Liusha Wan)

Vessel Traffic Service**AREA:**

The area is subdivided into sectors A, B, C1, C2 and D delimited by lines joining the following positions:

(1) Sector A: By lines connecting the following positions:

- (a) 21°21'00N 110°24'22E and 21°21'00N 110°25'59E
- (b) 21°11'41N 110°26'01E and 21°10'98N 110°25'83E
- (c) 21°10'91N 110°24'41E and 21°10'91N 110°25'79E

(2) Sector B: By lines connecting the following positions:

- (a) 21°10'91N 110°24'41E and 21°10'91N 110°25'79E
- (b) 21°06'33N 110°34'60E and 21°03'48N 110°33'05E
- (c) Sea area between the East China Sea Island embankment coastline and the Zhanjiang Bay coastline

(3) Sector C1: The sea area between the following positions:

- (a) 21°06'33N 110°34'60E
- (b) 21°06'33N 110°57'88E
- (c) 20°56'18N 110°57'88E
- (d) 20°56'18N 110°38'00E
- (e) 21°03'48N 110°33'05E

(4) Sector C2: The sea area between the following positions:

- (a) 20°30'32N 110°30'78E
- (b) 20°38'75N 110°30'78E
- (c) 20°38'75N 110°36'03E
- (d) 20°18'75N 110°36'03E
- (e) 20°18'75N 110°24'82E

(5) Sector D: The sea area between the following positions:

- (a) 20°15'90N 110°17'40E
- (b) 20°14'30N 110°17'40E
- (c) 20°12'00N 110°05'00E
- (d) 20°16'40N 110°05'00E

*continued on next column***DESCRIPTION:**

Zhanjiang VTS provides the following services:

- (1) Traffic information (on request)
- (2) Meteorology information (on request)
- (3) Navigational assistance (on request)
- (4) Information service (on request)
- (5) Traffic Organisation

CONTACT DETAILS:

Call: Zhanjiang VTS

VHF Channel: Ch 16; 08 69 71

Telephone: +86(0)759 2208080

+86(0)759 2222090

Fax: +86(0)759 2271961

E-mail: vtszj@gdmsa.gov.cn

Zhanjiang Vessel Information Service Centre (Xuwen)

Telephone: +86(0)759 4685265

Fax: +86(0)759 4685266

HOURS: H24**PROCEDURE:****(1) Compliance:** Participation in the VTS is **mandatory** for the following:

- (a) All foreign vessels
- (b) Chinese vessels of 500 gt and over
- (c) Passengers vessels with a passenger capacity of 30 and over (except ferries)
- (d) Vessels carrying dangerous goods
- (e) Vessels with restricted movement

(2) All communications with the VTS should be in Mandarin Chinese or English.**(3) Reporting:**

- (a) Vessels should report when crossing the boundary lines of the VTS area. Vessels need not report when passing the reporting lines of Sector D.
- (b) Vessels should report to Zhanjiang VTS on the appropriate VHF Channel as follows:

- (i) **Sector A B and C1:** VHF Ch 08
- (ii) **Sector C2:** VHF Ch 69
- (iii) **Sector D:** VHF Ch 71

continued on next page

VI

(4) Vessels should report to Zhanjiang VTS as follows:

Type of Report	When Required	Information Required
Pre-arrival Report for vessels of 500 gt and over to Zhanjiang VTS, via fax, telephone or the Ship Dynamic Plan Reporting System	Not less than 24h before arrival at VTS. On departure from last port of call if voyage takes less than 24h	(1) Vessel's name and call sign (2) Type of vessel (3) Name and address of vessel's owner, operator or agent (4) Flag state (5) Port of registry (6) LOA (7) Beam (8) Max height (9) gt (10) Number of ME and speed (11) Cargo type and weight (12) Class and quantity of dangerous goods (including IMO number) (13) Arrival draught (14) Number of passengers, crew and vehicles (15) ETA (16) Last port of call (17) Expected berth (18) Nationality (19) Vessel's age (20) Time (21) Whether a Pilot is required (22) Cargo to be loaded/unloaded in port
Entry Report, via VHF	On passing the VTS limit Reporting Line inward-bound	(1) Vessel's name and call sign (2) Position (3) Vessel characteristics
Arrival Report, via VHF	On arrival at destination	(1) Vessel's name and call sign (2) Berth, float or anchorage of arrival (3) Time
Departure Report, via VHF	Before leaving berth or float or heaving up anchor	(1) Vessel's name and call sign (2) Position (3) Time (4) Destination
Exit Report, via VHF	On passing the VTS limit Reporting Line outward-bound	(1) Vessel's name and call sign (2) Time of passing reporting line (3) Position
Security Event Report, via any effective means	When encountering or involved in security accidents or when company receives any security alarms from vessel	(1) Vessel's name and call sign (2) Nationality (3) Position (4) Type of vessel (5) Crew and cargo situation (6) Type of security accident

Type of Report	When Required	Information Required
Accident Report, via VHF	When encountering or involved in traffic accidents, pollution, personal injuries and breakdown of facilities	(1) Vessel's name and call sign (2) Nationality (3) Time and position (4) Cause of accident (5) Details of accident (6) Current situation and any information required by the VTS
Abnormality Report, via VHF	When observing any abnormality of aids to navigation, any floating objects or obstacles, or any abnormal circumstances affecting the safety of navigation	(1) Vessel's name and call sign (2) Current position (3) Current situation and any information required by the VTS
Changed Report, via VHF	When there is a change to the forecast planning information	(1) Vessel's name and call sign (2) Information that has changed
Activity Report, via VHF	Prior to the following operations taking place: (1) Overhaul of main engine, boiler, windlass, rudder and other systems affecting the operational capability of the vessel (2) Sea trials (3) Compass adjustment (4) Lifeboat launches (5) Any other operations that affect navigational safety	(1) Vessel's name (2) Call sign (3) Position (4) Details of operation (5) Any other information requested by the VTS
Pilot Report, via VHF	When the Pilot boards or disembarks	(1) Vessel's name (2) Call Sign (3) The time and position of the Pilot boarding or disembarking

(5) Vessels should maintain a continuous listening watch on VHF Ch 16.

Port

CONTACT DETAILS:

Port Authority

Telephone: +86(0)759 2281255

Fax: +86(0)759 2288174

+86(0)759 2250116

Website: www.zjport.com (Chinese)

Maritime Safety Administration (MSA)

VHF Channel: Ch 16; 25 27

Telephone: +86(0)759 2283494

HOURS: H24

Tugs

CONTACT DETAILS:

VHF Channel: Ch 09

(Former update 20/24)

Ship's Routing and Guide to VTS in China's Coastal Waters 2023. (RSDRA2024000106724). 32/24

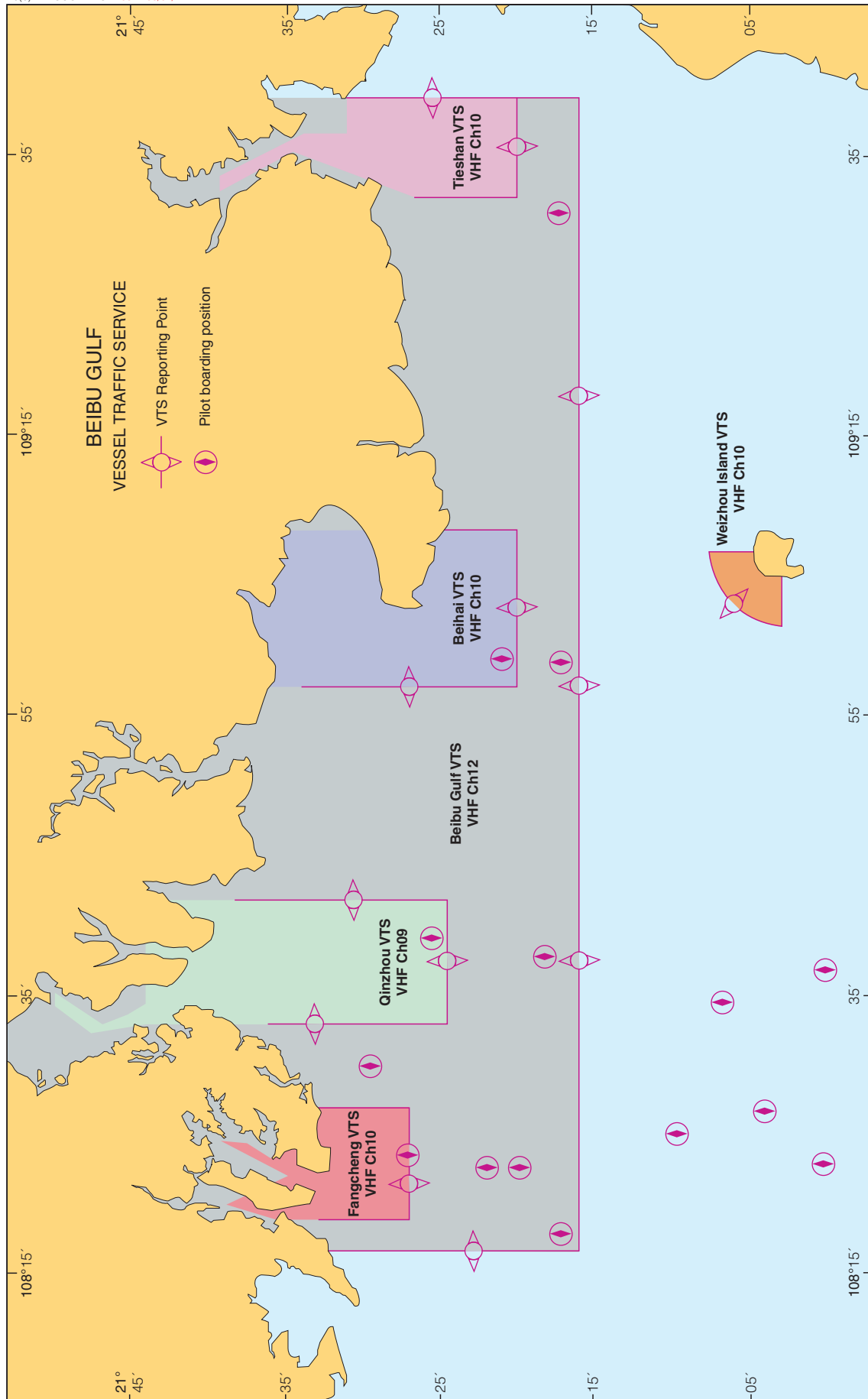
VI

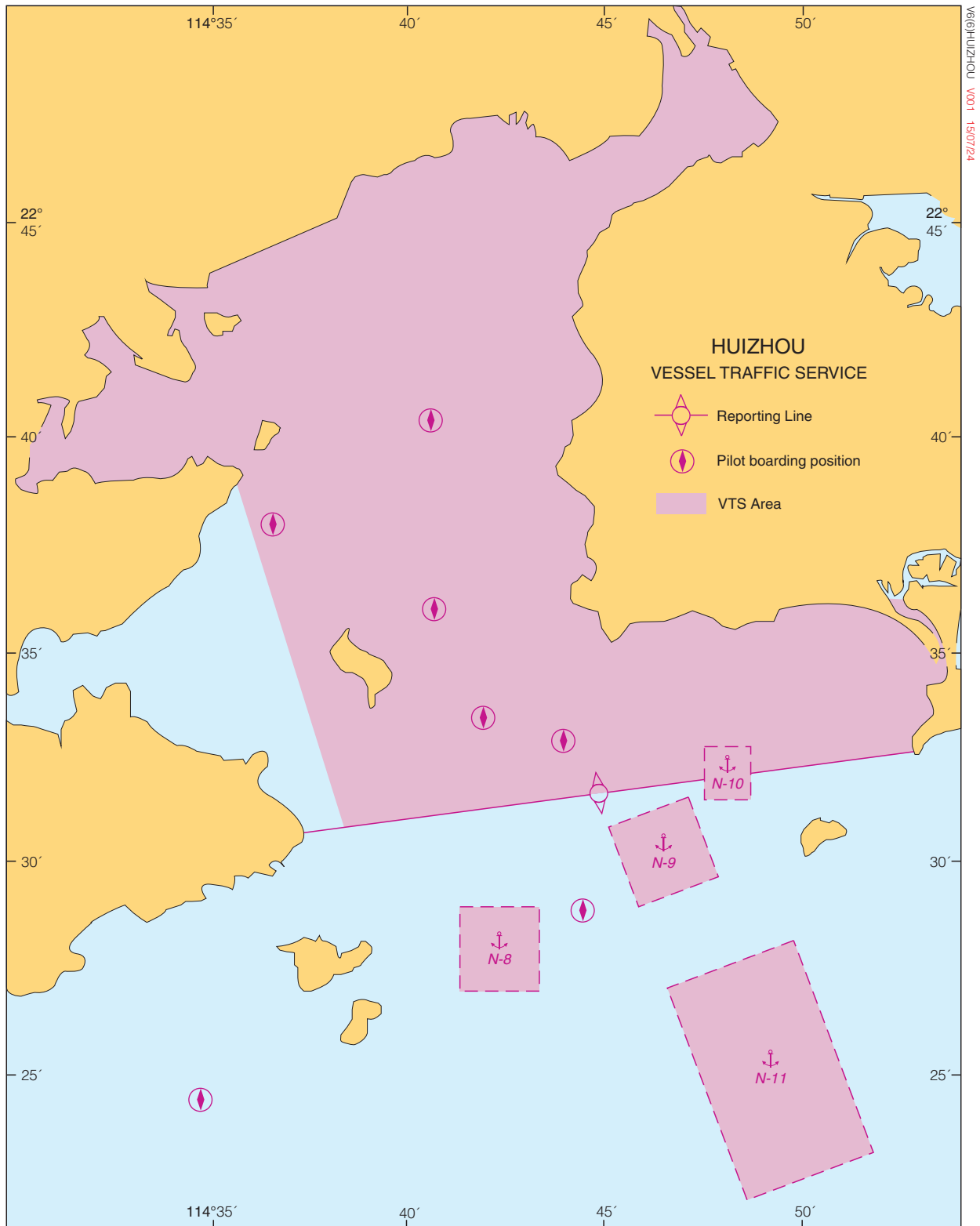
PAGE 170, CHINA, ZHANJIANG, diagram ZHANJIANG VESSEL TRAFFIC SERVICE.

Delete diagram and replace by diagram ZHANJIANG VESSEL TRAFFIC SERVICE on page 6.21

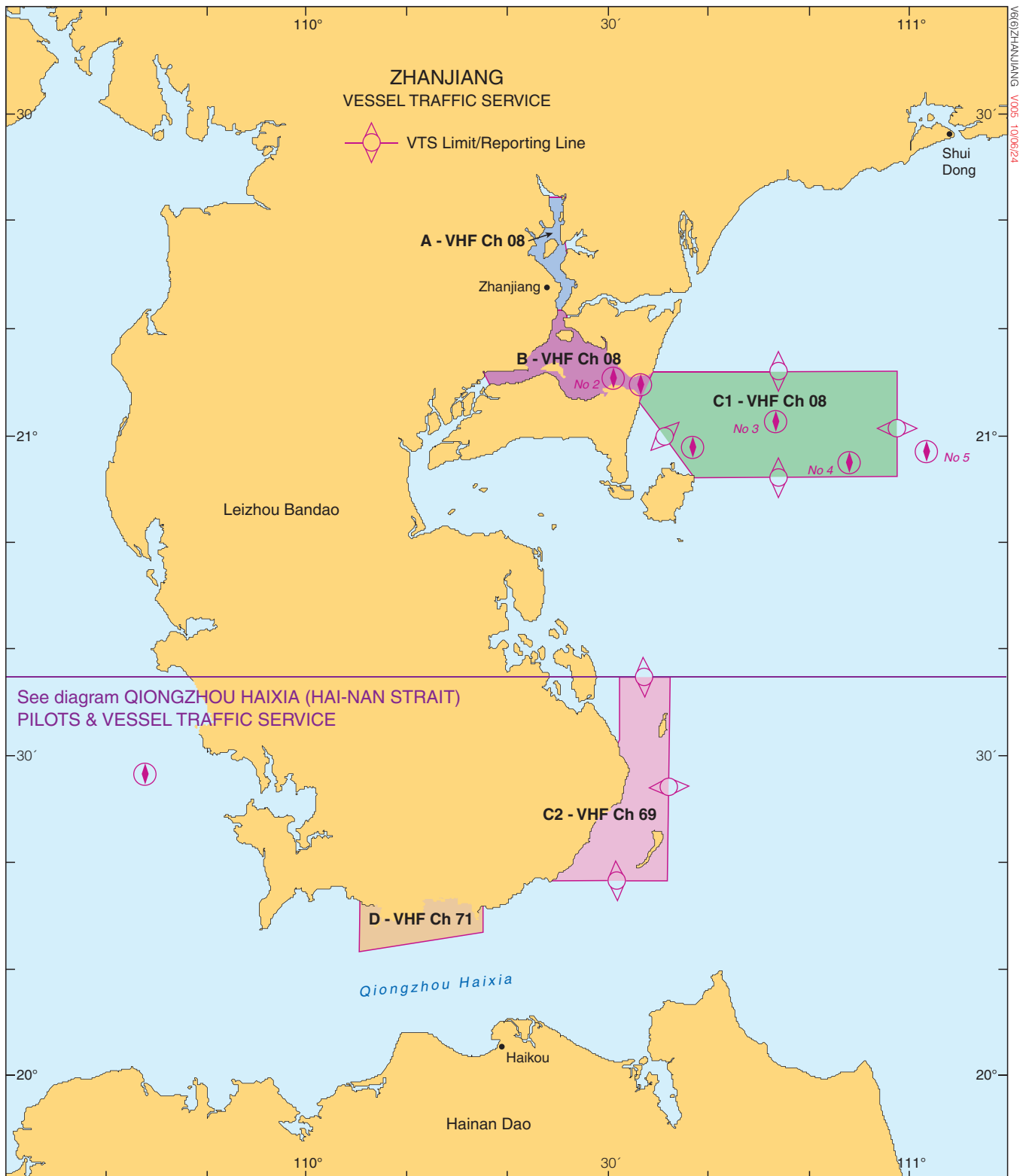
Ship's Routeing and Guide to VTS in China's Coastal Waters 2023, (RSDRA2024000106724), 32/24

V6(6)BEIBUGULFVTS V001 08/07/24





VI



VII

UPDATES TO MISCELLANEOUS ADMIRALTY NAUTICAL PUBLICATIONS

There are no updates to miscellaneous Nautical Publications this week

UKRAINE NAVIGATIONAL INFORMATION
Owing to insufficient information, it is not always possible to ensure that ADMIRALTY Nautical Publications are completely up-to-date for new dangers or changes to aids to navigation. Mariners are therefore advised to exercise particular caution when navigating in Ukrainian waters.

ADMIRALTY DIGITAL SERVICES

1. ENC / ECDIS and AVCS

a) *ENCs temporarily withdrawn from AVCS*

A list of ENCs that have been temporarily withdrawn from AVCS for safety reasons can be found in the README file and on the AVCS Updates page, accessed from admiralty.co.uk/avcs.

b) *ENC Readme.txt file*

The README.TXT file located within the ENC_ROOT folder of AVCS Exchange sets contains important safety related information relating to the use of ENCs in ECDIS. The file is also available on the AVCS Support page, accessed from admiralty.co.uk/avcs.

This file should be consulted each week to ensure that all related issues are taken into consideration. The file header indicates the last time that the README file was updated and the date that it was issued.

c) *Temporary information in ENCs*

Mariners should take temporary information into account when planning and executing a passage with ENCs and most ENC producers now include temporary information in their ENCs. It is usually compiled as normal ENC updates, sometimes with the start and end dates attributed or described as 'Temporary' in the pick report.

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 at: admiralty.co.uk/ENC-TP-NMs. Note that T&P NMs are compiled for paper charts and may not align with any temporary information that is compiled into ENCs.

ADMIRALTY Information Overlay (AIO) includes ADMIRALTY T&P NMs for paper charts where the ENC Producer has not confirmed that they include temporary information in their ENCs.

d) **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.

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.
- 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 V24 is available on the ADP Weekly Update DVD from 18th January 2024

V19 (until 1st December 2024), V23 and V24 are supported by the UKHO and are the only versions that allow users to receive tidal updates as they are made available. Users of older versions of ADP should upgrade to a supported version at their earliest convenience.

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 the UKHO will not be supporting V18 from 1st July 2023, and will not be supporting V19 from 1st December 2024.

The ADP software and the Data updates can still be downloaded from weekly ADP Update and Software DVDs.

To get access to the ADP Update and Software DVD, please contact your ADMIRALTY Distributor.

For information: Ensure that Activation Key Requests and Update Data Requests for ADP are sent to 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, 10 and 11 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.

To get access to the AENP Update and Software DVD, please contact your ADMIRALTY Distributor.

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	19 January 2024 - 03	n/a
ii.	ADMIRALTY Information Overlay (AIO) Base CD	11 January 2024 - 02	n/a
iii.	ADMIRALTY Raster Chart Service (ARCS) Regional disc 1	25 July 2024 - 30	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 2	14 December 2023 - 50	26 September 2024 – 39
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 3	13 June 2024 - 24	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 4	21 March 2024 - 12	31 October 2024 - 44
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 5	09 May 2024 - 19	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 6	01 February 2024 - 05	08 August 2024 – 32
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 7	15 February 2024 - 07	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 8	27 June 2024 - 26	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 9	25 April 2024 - 17	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 10	18 January 2024 - 03	12 September 2024 – 37
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 11	17 August 2023 - 33 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	V19, V23, V24
ADMIRALTY e-Reader	1.3, 1.4
NavPac and Compact Data	4.2

If you are using an unsupported version, contact your ADMIRALTY Distributor 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

NAME OF PORT			
APPROXIMATE POSITION	Latitude		Longitude
GENERAL REMARKS Principal activities and trade. Latest population figures and date. Number of ships or tonnage handled per year. Maximum size of vessel handled. Copy of Port Handbook <i>(if available)</i> .			
ANCHORAGES Designation, depths, holding ground, shelter afforded.			
PILOTAGE Authority for requests. Embark position. Regulations.			
DIRECTIONS Entry and berthing information. Tidal streams. Navigational aids.			
TUGS Number available.			
WHARVES Names, numbers or positions & lengths. Depths alongside.			
CARGO HANDLING Containers, lighters, Ro-Ro etc.			
REPAIRS 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)

RESCUE AND DISTRESS Salvage, Lifeboat, Coastguard, etc.	
SUPPLIES Fuel. (with type, quantities and methods of delivery) Fresh water. (with method of delivery and rate of supply) Provisions.	
SERVICES Medical. Ship Sanitation. Garbage and slops. Ship chandlery, tank cleaning, compass adjustment, hull painting.	
COMMUNICATIONS Nearest airport or airfield. Port radio and information service. (with frequencies and hours of operating)	
PORT AUTHORITY Designation, address, telephone, e-mail address and website.	
VIEWS Photographs (where permitted) of the approaches, leading marks, the entrance to the harbour etc.	
ADDITIONAL DETAILS	

NOTES:

- Form H.I02A 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.
- 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

- 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.
- 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.).
- Position (to 2 decimal places of a minute) of observation point, using GNSS Receiver. Confirm that GNSS positions are referenced to WGS84 datum.
- 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.

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: nawarnings@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
This form H.102 and instructions are available online: 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>)	IS / IS NOT required				
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 ☐ No ☐			H.102B submitted Yes ☐ No ☐		
Tick box if not willing to be named as source of this information ☐					

