



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 29

20 July 2023

(Published on the ADMIRALTY website 10 July 2023)

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

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

H102A should be used for reporting changes to Port Information.

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

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

The following communication facilities are available:

NMs on ADMIRALTY website:	Web: 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 2023. 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.

I

[29/23]

ADMIRALTY Charts affected by the Publication List

ADMIRALTY Charts	ADMIRALTY Charts	International Charts	ADMIRALTY Publication
210	1820	INT 1319	NP 131
344	1864	INT 1320	
349	2708	INT 1403	
874	2709	INT 1404	
875	5605_4	INT 1558	
1008	5605_14	INT 1559	
1059		INT 1988	
1100		INT 1989	
1131		INT 1990	
1132		INT 2856	
1133			
1429			
1430			
1534			
1535			
1562			
1699			

PAPER CHART SUNSET

The UKHO has announced its intention to withdraw from paper charts. This decision has been taken to allow us to focus on our digital navigation products and services that meet the needs of today's and tomorrow's seafarers.

We expect that we continue to provide paper charts until at least 2030. We will provide more information in this bulletin when we begin the process.

For more information about our decision, timetable, and the impacts, please visit

www.admiralty.co.uk/sunsetting-paper-charts

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.

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

I

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.

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 20 July 2023

Chart	Title, limits and other remarks	Scale	Folio	2023 Catalogue page
©344	China - Zhu Jiang, Shanban Zhou to Nizhou Tou. <i>Includes significant safety-related information as follows: changes to depths, fairway limits and anchorages.</i> <i>Note:</i> On publication of this New Edition former Notice 1463(P)/23 is cancelled. This chart remains affected by Notices 4295(T)/22 and 4297(T)/22.	1:25,000	47	78
©349	China - Zhujiang Kou, Nansha Gangqu. <i>Includes significant safety-related information as follows: changes to depths buoyage and fairway limits.</i> <i>Note:</i> On publication of this New Edition former Notice 1463(P)/23 is cancelled.	1:12,500	47	78

© 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

New Editions of ADMIRALTY Charts published 20 July 2023

Chart	Title, limits and other remarks	Scale	Folio	2023 Catalogue page
⊙874 INT 1319	International Chart Series, Sweden - West Coast, Varberg to Tylön. Ⓐ Falkenberg. Ⓑ Stensjöhamn. Ⓒ Galtabäck. Ⓓ Varberg. Ⓔ Glommen. Ⓕ Träslövsläge.	1:50,000 1:15,000 1:10,000 1:10,000 1:10,000 1:5,000 1:5,000	10	34
	<i>Includes changes to depths, wrecks and obstructions. (A modified reproduction of INT1319 published by Sweden.)</i>			
⊙875 INT 1320	International Chart Series, Sweden - West Coast, Tylön to Kullen. Ⓐ Halmstad. Ⓑ Mölle. Ⓒ Båstad. Ⓓ Torekov. Ⓔ Arild. Ⓕ Svanshall.	1:50,000 1:25,000 1:15,000 1:10,000 1:10,000 1:3,000 1:3,000	10	34
	<i>Includes changes to depths, wrecks and obstructions. (A modified reproduction of INT1320 published by Sweden.)</i>			
	<i>Note: This chart remains affected by Notice 4460(T)/19.</i>			
⊙1059	Vietnam - South Coast, Vung Tau to Song Thi Vai. Ⓐ Vung Tau. Ⓑ Song Cai Mep. Ⓒ Song Thi Vat.	1:25,000 1:25,000 1:25,000	47	76
	<i>Includes significant safety-related information as follows: changes to depths, fairways, aids to navigation, coastline, recommended tracks and wrecks.</i>			
	<i>Note: On publication of this New Edition former Notices 5355(T)/15 and 845(P)/23 are cancelled. This chart remains affected by Notices 3954(T)/21, 386(T)/22, 607(T)/23, 638(T)/23 and 1118(P)/23.</i>			
⊙1100	Vietnam - South Coast, Inner Approaches to Song Sai Gon.	1:75,000	47	76
	<i>Includes significant safety-related information as follows: changes to depths, fairways, aids to navigation, coastline, recommended tracks and wrecks.</i>			
	<i>Note: On publication of this New Edition former Notice 2927(P)/22 and 845(P)/23 are cancelled. This chart remains affected by Notices 3954(T)/21, 2199(T)/22, 607(T)/23, 638(T)/23 and 1118(P)/23.</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

New Editions of ADMIRALTY Charts published 20 July 2023

Chart	Title, limits and other remarks	Scale	Folio	2023 Catalogue page
©1429 INT 1403	International Chart Series, Norway - West Coast, Smøla to Sklinna. <i>Includes changes to production wells, obstructions and prohibited areas. (A modified reproduction of INT1403 published by Norway.)</i> <i>Note: On publication of this New Edition former Notice 1959(P)/19 and 1603(P)/23 are cancelled. This chart remains affected by Notice 1859(T)/22.</i>	1:350,000	13	38
©1430 INT 1404	International Chart Series, Norway - West Coast, Sklinna to Tennholmen. <i>Includes changes to depths and obstructions. (A modified reproduction of INT1404 published by Norway.)</i>	1:350,000	13	38
©1534 INT 1558	International Chart Series, England - East Coast, Great Yarmouth and Approaches. Ⓐ Great Yarmouth Outer Harbour. Ⓑ Great Yarmouth Haven.	1:25,000 1:7,500 1:7,500	7	26
©1535 INT 1559	International Chart Series, England - East Coast, Lowestoft and Approaches. Lowestoft Harbour. <i>Includes changes to depths from the latest British Government, Trinity House and ABP Lowestoft surveys.</i> <i>Note: This chart is to be deleted from the list of charts affected by Notice 2318(P)/23.</i>	1:25,000 1:6,250	7	26

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

I

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 03 AUGUST 2023

New ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio	2023 Catalogue page
1131 INT 1988	International Chart Series, Africa - West Coast, Approaches to Nouadhibou. 20°28'·50 N — 20°58'·80 N., 16°38'·40 W—17° 25'·80 W	1:75,000	⊙1699	20	52
	<i>One of a series of new charts providing improved coverage of the Approaches to Nouadhibou. (A modified reproduction of INT1988 published by France.) This chart is part of the International Chart Series and is referred to WGS84 Datum.</i>				
1132 INT 1989	International Chart Series, Africa - West Coast, Access to the Nouadhibou Ports. 20°42'·65 N — 20°55'·86 N., 16°54'·84 W—17° 04'·56 W	1:22,500	⊙1699	20	52
	<i>One of a series of new charts providing improved coverage of Nouadhibou ports. (A modified reproduction of INT1989 published by France.) This chart is part of the International Chart Series and is referred to WGS84 Datum.</i>				
1133 INT 1990	International Chart Series, Africa - West Coast, Ports and Terminals of Nouadhibou.		⊙1699	20	52
	Ⓐ Port of Nouadhibou.	1:7,500			
	20°51'·95 N — 20°55'·00 N., 17°00'·87 W—17° 03'·68 W				
	Ⓑ Mineral Port of Nouadhibou.	1:7,500			
	20°47'·31 N — 20°50'·36 N., 17°00'·94 W—17° 02'·82 W				
	<i>One of a series of new charts providing improved coverage of the ports and terminals of Nouadhibou. (A modified reproduction of INT1990 published by France.) This chart is part of the International Chart Series and is referred to WGS84 Datum.</i>				
1562 INT 2856	International chart Series, Africa - West Coast, Guinea, Entrance to Rio Nunez, Approaches to Kamsar. 10°19'·10 N — 10°40'·00 N., 14°31'·60 W—14° 46'·00 W	1:35,000	⊙1562	20	52
	Ⓐ Port of Kamsar.	1:15,000			
	10°36'·00 N — 10°39'·90 N., 13°34'·00 E—13° 46'·50 E				
	<i>A new chart providing improved coverage of the Rio Nunez and Port of Kamsar, Guinea. (A modified reproduction of INT2856 published by France). For the convenience of the user, the number of the cancelled chart has been retained for this new chart. This chart is included in the International Chart Series. This chart is referred to WGS84 Datum.</i>				

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

I

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 03 AUGUST 2023

New Editions of ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio	2023 Catalogue page
210	Scotland - East Coast, Newburgh to Montrose. <i>Includes significant safety-related information as follows: new windfarm and changes to depths.</i>	1:75,000	⊙210	6	28
1008	Korea - West Coast, Gunsan Hang and Approaches. Gunsan Hang - Outer Port. <i>Includes significant safety-related information as follows: changes to depths, obstructions and pipelines.</i>	1:30,000 1:15,000	⊙1008	52	82
1820	Ireland - West Coast, Aran Islands to Roonah Head. <i>Includes significant safety-related information as follows: changes to depths and rocks.</i>	1:75,000	⊙1820	4	22
1864	Scotland - West Coast, Harbours and Anchorages in Arran and Kintyre. Ⓐ Brodick. Ⓑ Lamlash. Ⓒ Campbeltown Loch. Ⓓ Campbeltown NATO Pier. Ⓔ Campbeltown Harbour. <i>Contains updated depth information from latest British Government and Port Authority surveys.</i>	1:25,000 1:20,000 1:12,500 1:5,000 1:5,000	⊙1864	3	30
2708	Ireland - West Coast, Ballyconneely Bay to Clifden Bay including Slyne Head. <i>Includes significant safety-related information as follows: changes to depths and rocks.</i>	1:25,000	⊙2708	4	22
2709	Ireland - West Coast, Roundstone and Approaches. <i>Includes significant safety-related information as follows: changes to depths and rocks.</i>	1:30,000	⊙2709	4	22

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

I

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 03 AUGUST 2023

New Editions of ADMIRALTY Small Craft Charts

Chart	Title and other remarks	Scale	Charts to be	NP109A
			WITHDRAWN	Catalogue page
5605_4	Ⓐ Worthing to Newhaven.	1:75,000	5605_4	13
	Ⓑ Shoreham Harbour Western Arm and River Adur.	1:5,000		

Includes full updates for New Edition and Notices to Mariners affecting source charts.

5605_14	Ⓐ Dover.	1:6,250	5605_14	13
	Ⓑ Shoreham Harbour Eastern Arm.	1:5,000		
	Ⓒ Shoreham Harbour The Canal.	1:5,000		

Includes full updates for New Edition and Notices to Mariners affecting source charts.

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

I

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

ADMIRALTY Charts

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>On publication of New Chart/New Edition</i>
344	China - Zhu Jiang, Shanban Zhou to Nizhou Tou.	Ⓢ344
349	China - Zhujiang Kou, Nansha Gangqu.	Ⓢ349
874 INT 1319	International Chart Series, Sweden - West Coast, Varberg to Tylön.	Ⓢ874 INT 1319
875 INT 1320	International Chart Series, Sweden - West Coast, Tylön to Kullen.	Ⓢ875 INT 1320
1059	Vietnam - South Coast, Vung Tau to Song Thi Vai.	Ⓢ1059
1100	Vietnam - South Coast, Inner Approaches to Song Sai Gon.	Ⓢ1100
1429 INT 1403	International Chart Series, Norway - West Coast, Smøla to Sklinna.	Ⓢ1429 INT 1403
1430 INT 1404	International Chart Series, Norway - West Coast, Sklinna to Tennholmen.	Ⓢ1430 INT 1404
1534 INT 1558	International Chart Series, England - East Coast, Great Yarmouth and Approaches.	Ⓢ1534 INT 1558
1535 INT 1559	International Chart Series, England - East Coast, Lowestoft and Approaches.	Ⓢ1535 INT 1559

ADMIRALTY DISTRIBUTOR INFORMATION

NP131 - ADMIRALTY Maritime Data Solutions Catalogue, 2023 Edition

Amendments to Part 1, **Authorised ADMIRALTY Distributors**

Page 4, Distributor Section

Amend:

Weilbach Egypt Ltd
El-Gomhoreya St. Dellesebs St. El-Medina Tower 3 rd floor Port Said
T: +201095016551
egypt@weilbach.com
www.weilbach.com
Digital, Paper, POD

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

II

GEOGRAPHICAL INDEX

(1)	Miscellaneous	
(2)	British Isles	2.6 – 2.9
(3)	North Russia, Norway, The Færoe Islands and Iceland	2.9
(4)	Baltic Sea and Approaches	2.10 – 2.12
(5)	North Sea and North and West Coasts of Denmark, Germany, Netherlands and Belgium	2.12 – 2.13
(6)	France and Spain, North and West Coasts, and Portugal	2.13 – 2.14
(7)	North Atlantic Ocean	
(8)	Mediterranean and Black Seas	2.15 – 2.17
(9)	Africa, West Coast and South Atlantic	2.17
(10)	Africa, South and East Coasts, and Madagascar	
(11)	Red Sea, Arabia, Iraq and Iran	2.18 – 2.21
(12)	Indian Ocean, Pakistan, India, Sri Lanka, Bangladesh and Burma	
(13)	Malacca Strait, Singapore Strait and Sumatera	2.22 – 2.23
(14)	China Sea with its West Shore and China	2.24 – 2.26
(15)	Japan	2.26 – 2.28
(16)	Korea and the Pacific Coasts of Russia	2.28 – 2.30
(17)	Philippine Islands, Borneo and Indonesia except Sumatera	2.30 – 2.31
(18)	Australia and Papua New Guinea	2.31
(19)	New Zealand	2.32
(20)	Pacific Ocean	2.32
(21)	Aleutian Islands, Alaska and West Coast of North America including Mexico	2.33
(22)	West Coasts of Central and South America	2.33
(23)	Antarctica	
(24)	East Coast of South America and The Falkland Islands	
(25)	Caribbean Sea, West Indies and the Gulf of Mexico	2.34
(26)	East Coast of North America and Greenland	
(27)	T & P Notices	2.35 – 2.45

II

INDEX OF NOTICES AND CHART FOLIOS

Notice No.	Page	Admiralty Chart Folio	Notice No.	Page	Admiralty Chart Folio
2401	2.15	31	2458*	2.8	2, 7
2402*	2.18	40	2459	2.14	16
2403	2.33	98	2460	2.26	54
2404	2.34	83	2461	2.26	54
2405	2.16	31	2462	2.27	55
2406	2.24	47	2463	2.27	55
2407	2.13	18	2464	2.27	55
2408	2.33	91	2465	2.27	53
2409	2.17	34	2466	2.28	54
2410(T)/23	2.37	10	2467	2.28	54
2411(T)/23	2.43	79	2468(T)/23	2.41	54
2412	2.33	90	2469*	2.21	40
2413(T)/23	2.44	79	2470	2.26	50
2414(T)/23	2.35	2, 3	2471	2.30	52
2415(T)/23	2.42	88	2472	2.14	16
2416	2.30	58	2473*	2.23	45
2417	2.24	50	2474	2.11	10
2418	2.22	45, 46, 47	2475	2.11	10
2419	2.25	48, 50	2476	2.12	10
2420*	2.10	10	2477*	2.8	2, 5
2421*	2.6	1, 2	2478(T)/23	2.40	18
2422	2.10	11	2479	2.30	58
2423	2.10	10	2480	2.31	48
2424	2.32	71, 72	2481(T)/23	2.42	48
2425(P)/23	2.41	48	2482*	2.8	1, 2
2426	2.11	10	2483	2.9	14
2427	2.28	52	2484*	2.9	1, 2
2428	2.25	47	2485	2.9	14
2429(T)/23	2.42	65	2486(T)/23	2.40	25
2430(P)/23	2.35	2, 6	2487(T)/23	2.40	9
2431*	2.11	9, 10	2488(T)/23	2.38	10
2432	2.29	52			
2433(T)/23	2.39	7, 9			
2434	2.14	18			
2435(T)/23	2.43	87			
2436*	2.6	1			
2437(T)/23	2.36	2, 3			
2438(P)/23	2.36	1, 2, 3, 6, 7, 16			
2439	2.11	10			
2440	2.33	98			
2441	2.26	47			
2442	2.32	70			
2443*	2.7	8			
2444*	2.12	9			
2445	2.31	66			
2446	2.31	66			
2447	2.33	98			
2448	2.12	7			
2449	2.29	52			
2450	2.29	52			
2451	2.13	9			
2452*	2.7	2, 3			
2453(T)/23	2.37	10			
2454	2.29	56			
2455	2.17	31			
2456(T)/23	2.40	18			
2457	2.13	9			

II

INDEX OF CHARTS AFFECTED

Admiralty Chart No.	Notices	Admiralty Chart No.	Notices
31	2436	2037	2482
32	2484	2040	2410T
44	2414T	2045	2482
83	2478T	2108	2439
110	2433T, 2457	2116	2486T
115	2430P	2134	2425P
116	2433T	2169	2477
120	2433T	2182A	2438P
122	2433T, 2457	2182B	2438P
128	2433T	2202	2401
130	2457	2205	2401
148	2436	2212	2401
155	2486T	2213	2401
207	2487T	2214	2401
222	2430P	2232	2401
266	2433T	2237	2455
267	2448	2243	2401
268	2438P	2261	2415T
527	2435T	2273	2483
537	2435T	2288	2410T
572	2435T	2294	2483
586	2440, 2447	2403	2418
811	2426	2450	2438P
869	2475	2511	2437T
871	2421	2523	2469
882	2454	2613	2438P
887	2423	2636	2410T
888	2423, 2453T	2637	2474
902	2476	2656	2438P
913	2450	2675	2438P
934	2422	2677	2410T
1007	2432	2679	2410T
1065	2449	2684	2485
1121	2414T	2687	2435T
1126	2470	2688	2410T
1143	2417	2700	2459
1144	2417	2811	2437T
1186	2443	2816	2410T, 2488T
1188	2458	2837	2402, 2469
1192	2438P	2847	2402, 2469
1270	2471	2869	2418
1274	2455	2883	2402
1275	2405	2886	2402, 2469
1304	2417, 2470	3183	2404
1312	2418	3186	2404
1346	2438P	3257	2456T
1349	2472	3365	2450
1387	2409	3480	2450
1407	2438P	3489	2419
1411	2414T	3634	2407
1457	2451	3635	2434
1468	2414T	3636	2434
1630	2457	3642	2427
1632	2433T	3749	2416
1633	2433T	3772	2402
1729	2442	3781	2402
1760	2419	3890	2406
1844	2425P	3892	2406
1874	2433T	3949	2418
1901	2421	3950	2402, 2469
1902	2421	4030	2473
1967	2421	4031	2473
1968	2419	4032	2473
1994	2452	4033	2473
2007	2452	4034	2473
2013	2438P	4035	2473
2014	2410T, 2488T	4036	2473
2015	2410T	4037	2473
2018	2410T, 2488T	4039	2473

II

INDEX OF CHARTS AFFECTED

Admiralty Chart No.	Notices	Japanese Chart No.	Notices	
4040	2473	JP 54 JP 123 JP 134B JP 137B JP 148 JP 153 JP 1033A JP 1065 JP 1107	2464	
4041	2473		2460, 2466	
4043	2473		2461	
4127	2428		2468T	
4129	2441		2463	
4140	2448		2468T	
4217	2403		2462	
4412	2480		2465	
4413	2480		2466, 2467	
4486	2479			
4492	2481T			
4640	2424		New Zealand Chart No.	Notices
4644	2429T			
4648	2424		NZ 45	2424
4777	2413T		International Chart No.	Notices
4779	2411T, 2413T			
4782	2411T, 2413T		INT 140	2448
4937	2408		INT 553	2419
4945	2412		INT 640	2424
4947	2412		INT 644	2429T
5500	2438P	INT 648	2424	
5600_19	2482	INT 1042	2438P	
5600_3	2482	INT 1043	2438P	
5602_16	2421	INT 1045	2433T, 2444	
5602_17	2421	INT 1062	2414T	
5602_5	2484	INT 1070	2438P	
5603_13	2484	INT 1174	2422	
5604_1	2438P	INT 1201	2410T	
5605_1	2438P	INT 1202	2410T, 2488T	
5605_3	2482	INT 1218	2410T	
5609_1	2414T	INT 1219	2410T, 2488T	
5610_3	2452	INT 1239	2426	
5611_9	2477	INT 1288	2410T	
5612_20	2437T	INT 1297	2410T	
5612_22	2437T	INT 1302	2439	
5612_23	2437T	INT 1311	2475	
5612_24	2414T	INT 1334	2476	
5613_15	2438P	INT 1353	2431	
5614_16	2458	INT 1355	2420	
5615_2	2438P	INT 1358	2431	
5615_23	2438P	INT 1412	2444	
5617_7	2430P	INT 1413	2444	
5621_1	2414T	INT 1416	2457	
5621_18	2414T	INT 1417	2433T	
5621_3	2414T	INT 1420	2433T	
5621_5	2414T	INT 1423	2457	
Australian Chart No.	Notices	INT 1426	2443	
Aus 357	2429T	INT 1461	2433T	
Aus 802	2429T	INT 1464	2451	
Aus 814	2446	INT 1465	2487T	
Aus 822	2445	INT 1472	2433T, 2457	
German Chart No.	Notices	INT 1473	2433T, 2457	
DE 30	2431	INT 1474	2433T	
DE 43	2431	INT 1477	2433T	
DE 50	2433T, 2444	INT 1478	2433T	
DE 87	2444	INT 1479	2433T	
DE 90	2433T	INT 1503	2430P	
DE 103	2444	INT 1505	2438P	
DE 1672	2420	INT 1506	2438P	
		INT 1553	2458	
		INT 1608	2414T	
		INT 1636	2452	
		INT 1637	2452	
		INT 1659	2437T	
		INT 1703	2438P	

II

INDEX OF CHARTS AFFECTED

International Chart No.	Notices	Admiralty Chart No.	Notices
INT 1705	2438P		
INT 1720	2484		
INT 1721	2436		
INT 1727	2421		
INT 1731	2482		
INT 1754	2459		
INT 1759	2472		
INT 1775	2423		
INT 1776	2423, 2453T		
INT 1870	2456T		
INT 2810	2409		
INT 3192	2486T		
INT 5252	2450		
INT 5254	2450		
INT 5363	2471		
INT 5364	2427		
INT 7017	2402, 2469		
INT 7018	2402, 2469		
INT 7243	2402, 2469		
INT 7244	2402, 2469		
INT 7248	2402		
INT 7249	2402		
INT 7250	2469		
INT 7260	2402		
INT 12902	2474		

II

2421* ENGLAND - South Coast - Depths.

Source: British Government

Chart 871 [*previous update New Edition 09/02/2023*] ETRS89 DATUM

Insert	depth, 14 ₉ , and extend 15m contour W to enclose	(a)	50° 22′.096N., 4° 11′.270W.
Delete	depth, 17 ₄ , close S of:	(a)	above
Insert	depth, 8 ₄	(b)	50° 23′.303N., 4° 11′.416W.
Delete	depth, 8 ₇ , close NE of:	(b)	above

Chart 1901 (INT 1727) [*previous update New Edition 09/02/2023*] ETRS89 DATUM

Insert	depth, 14 ₉ , and extend 15m contour W to enclose	(a)	50° 22′.096N., 4° 11′.270W.
Delete	depth, 17 ₄ , close S of:	(a)	above

Chart 1902 [*previous update New Edition 09/02/2023*] ETRS89 DATUM

Insert	depth, 14 ₉ , and extend 15m contour W to enclose	(a)	50° 22′.096N., 4° 11′.270W.
Delete	depth, 17 ₄ , close S of:	(a)	above
Insert	depth, 8 ₄		50° 23′.303N., 4° 11′.416W.

Chart 1967 [*previous update New Edition 09/02/2023*] ETRS89 DATUM

Insert	depth, 14 ₉ , and extend 15m contour W to enclose		50° 22′.096N., 4° 11′.270W.
--------	--	--	-----------------------------

Chart 5602_16 [*previous update New Edition 25/05/2023*] ETRS89 DATUM

Insert	depth, 14 ₉ , and extend 15m contour W to enclose		50° 22′.096N., 4° 11′.270W.
--------	--	--	-----------------------------

Chart 5602_17 (Panel A, Hamoaze) [*previous update New Edition 11/05/2023*] ETRS89 DATUM

Insert	depth, 14 ₉ , and extend 15m contour W to enclose	(a)	50° 22′.096N., 4° 11′.270W.
Delete	depth, 17 ₄ , close S of:	(a)	above
Insert	depth, 8 ₄	(b)	50° 23′.303N., 4° 11′.416W.
Delete	depth, 8 ₇ , close NE of:	(b)	above

2436* ENGLAND - South Coast - Buoyage.

Source: CEFAS

Chart 31 (INT 1721) (Panel B, Par Harbour) [*previous update 2315/23*] ETRS89 DATUM

Insert	 Fl.Y.5s		50° 19′.710N., 4° 42′.650W.
--------	---	--	-----------------------------

Chart 148 [*previous update 152/23*] ETRS89 DATUM

Insert	 Fl.Y.5s		50° 19′.71N., 4° 42′.65W. 50° 19′.45N., 4° 44′.51W. 50° 18′.43N., 4° 44′.87W. 50° 17′.90N., 4° 44′.99W. 50° 16′.97N., 4° 45′.98W. 50° 15′.96N., 4° 45′.74W.
--------	---	--	--

II

2443* ENGLAND - East Coast - Depth.

Source: Port of London Authority

Chart 1186 (INT 1426) (Panel B, Coalhouse Point to Tilbury) [*previous update 1998/23*] ETRS89 DATUM

Insert depth, 9₅ 51° 26'·959N., 0° 23'·548E.

2452* SCOTLAND - West Coast - Obstructions. Depths.

Source: Peel Ports

Chart 1994 (INT 1636) [*previous update 2308/23*] ETRS89 DATUM

Insert Obstn 55° 57'·406N., 4° 45'·677W.
Obstn 55° 57'·308N., 4° 45'·495W.
Obstn 55° 57'·279N., 4° 45'·494W.

Chart 2007 (INT 1637) (Panel A, River Clyde) [*previous update 2106/23*] ETRS89 DATUM

Insert Obstn 55° 55'·606N., 4° 28'·733W.


Chart 2007 (INT 1637) (Panel B) [*previous update 2106/23*] ETRS89 DATUM

Insert Obstn 55° 55'·606N., 4° 28'·733W.
55° 55'·560N., 4° 28'·527W.
Obstn 55° 55'·059N., 4° 27'·533W.

Chart 2007 (INT 1637) (Panel C) [*previous update 2106/23*] ETRS89 DATUM

Insert depth, 6₅ 55° 52'·294N., 4° 21'·151W.
Obstn 55° 52'·276N., 4° 20'·886W.
Obstn 55° 52'·100N., 4° 21'·173W.
depth, 6₇ 55° 52'·059N., 4° 21'·137W.

Chart 5610_3 (Panel A, Cartsydyke to Helensburgh) [*previous update 4707/22*] ETRS89 DATUM

Insert Obstn 55° 57'·406N., 4° 45'·677W.
Obstn 55° 57'·308N., 4° 45'·495W.
Obstn 55° 57'·279N., 4° 45'·494W.

II

2458* ENGLAND - East Coast - Depths.

Source: ABP Humber

Chart 1188 (INT 1553) [*previous update 1825/23*] ETRS89 DATUM

Insert depth, 2₃ (a) 53° 33′.98N., 0° 04′.70E.
Delete depth, 3₁, close S of: (a) above

Chart 5614_16 [*previous update 1825/23*] ETRS89 DATUM

Insert depth, 2₃ (a) 53° 33′.98N., 0° 04′.70E.
Delete depth, 3₁, close S of: (a) above

2477* SCOTLAND - West Coast - NM Blocks.

Source: Northern Lighthouse Board Notice 3/23

Chart 2169 [*previous update 1392/23*] ETRS89 DATUM

Insert the accompanying block, centred on: 56° 14′.3N., 5° 40′.4W.

Chart 5611_9 (Panel A, Firth of Lorn) [*previous update 1392/23*] ETRS89 DATUM

Insert the accompanying block, centred on: 56° 14′.3N., 5° 40′.4W.

2482* ENGLAND - South Coast - Buoy.

Source: ABP Southampton Notice 42/23

Chart 2037 (INT 1731) [*previous update New Edition 22/06/2023*] ETRS89 DATUM

Insert  Fl.Y.4s 50° 39′.98N., 0° 57′.15W.

Chart 2045 [*previous update 1814/23*] ETRS89 DATUM

Insert  Fl.Y.4s 50° 39′.98N., 0° 57′.15W.

Chart 5600_19 [*previous update 1390/22*] ETRS89 DATUM

Insert  Fl.Y.4s 50° 39′.98N., 0° 57′.15W.

Chart 5600_3 [*previous update New Edition 27/04/2023*] ETRS89 DATUM

Insert  Fl.Y.4s 50° 39′.98N., 0° 57′.15W.

Chart 5605_3 [*previous update New Edition 27/04/2023*] ETRS89 DATUM

Insert  Fl.Y.4s 50° 39′.98N., 0° 57′.15W.

II

2420* GERMANY - Baltic Coast - Buoyage.

Source: WSA Ostsee 188/23

Chart DE 1672 (INT 1355) (Panel, Warnemünde) [previous update 1682/23] WGS84 DATUM

Delete  Fl(5)Y.20s AS 2/22 ODAS 54° 10′.673N., 12° 05′.756E.

Chart DE 1672 (INT 1355) [previous update 1682/23] WGS84 DATUM

Delete  Fl(5)Y.20s AS 2/22 ODAS 54° 10′.673N., 12° 05′.756E.

 Fl(5)Y.20s AS 3/22 ODAS 54° 09′.749N., 12° 06′.294E.

2422 SWEDEN - East Coast - Depths. Dolphin.

Source: Swedish Notice 968/17745/23

Chart 934 (INT 1174) [previous update 2678/21] WGS84 DATUM

Insert depth, 3₅ (a) 63° 40′.93N., 20° 20′.56E.

Delete depth, 3₄, close SW of: (a) above

Insert depth, 7₃ 63° 40′.86N., 20° 20′.51E.

Dn 63° 40′.88N., 20° 20′.67E.

Replace depth, 8₁, with depth, 7₈ 63° 40′.88N., 20° 20′.73E.


2423 SWEDEN - East Coast - Buoyage.

Source: Swedish Notice 968/17671/23

Chart 887 (INT 1775) [previous update 2034/23] WGS84 DATUM

Replace  with  Q(3) 10s 59° 40′.96N., 18° 59′.60E.

 with  Q(3) 10s 59° 40′.70N., 18° 58′.68E.

 with  Q R 59° 40′.68N., 18° 59′.03E.

 with  Q(6) LFl 15s 59° 34′.46N., 18° 40′.43E.

Chart 888 (INT 1776) [previous update 1378/23] WGS84 DATUM

Replace  with  Q(3) 10s 59° 40′.96N., 18° 59′.60E.

59° 40′.70N., 18° 58′.68E.

 with  Q R 59° 40′.68N., 18° 59′.03E.

II

2426 SWEDEN - East Coast - NM Block.

Source: Swedish Notice 968/17710/23

Chart 811 (INT 1239) [*previous update New Edition 23/03/2023*] WGS84 DATUM

Insert the accompanying block, centred on: 59° 20′.9N., 18° 07′.0E.

2431* GERMANY - Baltic Coast - Wreck.

Source: WSA Ems-Nordsee 162/23

Chart DE 30 (INT 1353) [*previous update New Chart 22/06/2023*] WGS84 DATUM

Insert  Wk 54° 25′.97N., 10° 47′.71E.

Chart DE 43 (INT 1358) [*previous update 1994/23*] WGS84 DATUM

Insert  Wk 54° 25′.97N., 10° 47′.71E.

2439 DENMARK - East Coast - NM Blocks.

Source: Danish Chart Corrections 42/402-406/22 and 42/420/22

Chart 2108 (INT 1302) [*previous update 1289/23*] WGS84 DATUM

Insert the accompanying block A, centred on: 56° 19′.2N., 11° 43′.0E.
the accompanying block B, centred on: 56° 04′.3N., 11° 38′.8E.

2474 POLAND - Buoy.

Source: Polish Notice 45/552/22

Chart 2637 (INT 12902) [*previous update 4648/22*] WGS84 DATUM

Insert  Fl.R.3s 4 54° 22′.992N., 18° 39′.722E.

2475 SWEDEN - West Coast - NM Block.

Source: Swedish Notice 968/17692/23

Chart 869 (INT 1311) [*previous update 2396/23*] WGS84 DATUM

Insert the accompanying block, centred on: 58° 26′.1N., 11° 21′.1E.

II

2476 DENMARK - Islands - Legends.

Source: Danish Chart Correction 44/443/22

Chart 902 (INT 1334) (Panel A, Northern Part) [previous update 1640/23] WGS84 DATUM

Delete  legend, *Security Zone*, centred on: 55° 42′.535N., 12° 36′.443E.
55° 40′.922N., 12° 38′.477E.

Chart 902 (INT 1334) (Panel B, Southern Part) [previous update 1640/23] WGS84 DATUM

Delete  legend, *Security Zone*, centred on: 55° 39′.28N., 12° 33′.56E.

2444* GERMANY - North Sea Coast - Buoy.

Source: WSA Ems-Nordsee 131/23

Chart DE 50 (INT 1045) [previous update 2333/23] WGS84 DATUM

Move  *Iso.8s Accumer Ee*, from: 53° 46′.8N., 7° 25′.9E.
to: 53° 46′.8N., 7° 26′.4E.

Chart DE 87 (INT 1413) [previous update 1458/23] WGS84 DATUM

Move  *Iso.8s Accumer Ee*, from: 53° 46′.84N., 7° 25′.85E.
to: 53° 46′.84N., 7° 26′.43E.

Chart DE 103 (INT 1412) [previous update 1720/23] WGS84 DATUM

Move  *Iso.8s Accumer Ee*, from: 53° 46′.84N., 7° 25′.85E.
to: 53° 46′.84N., 7° 26′.43E.

2448 NORTH SEA - Netherlands Sector - Platforms. Automatic Identification Systems.

Source: Netherlands Notice 25/189/23

Chart 267 [previous update 1678/23] WGS84 DATUM



Insert  B 10 (a) 55° 23′.56N., 4° 00′.50E.
Automatic Identification System, AIS, at platform (a) above
 A 15 (b) 55° 18′.78N., 3° 48′.69E.
Automatic Identification System, AIS, at platform (b) above

Chart 4140 (INT 140) [previous update 1720/23] WGS84 DATUM

Insert  55° 23′.6N., 4° 00′.5E.
55° 18′.0N., 3° 48′.7E.

II

2451 NETHERLANDS - Depths. Drying heights.

Source: Netherlands Notice 25/193/23

Chart 1457 (INT 1464) (Panel B, Approach West-Terschelling) [*previous update 1947/23*] WGS84 DATUM

Insert	drying height, Q_4 , enclosed by 0m low water line	53° 20′.61N., 5° 09′.63E.
	drying height, L , enclosed by 0m low water line	53° 20′.59N., 5° 10′.13E.
	drying height, Q_6 , enclosed by 0m low water line	53° 20′.52N., 5° 10′.47E.
	drying height, L_1 , enclosed by 0m low water line	(a) 53° 19′.62N., 5° 10′.38E.
Delete	depth, I_1 , and associated 2m contour, close SW of:	(a) above
Insert	depth, I_6 , enclosed by 2m contour	53° 19′.58N., 5° 10′.23E.
	depth, I_1 , enclosed by 2m contour	53° 19′.60N., 5° 09′.70E.

2457 NETHERLANDS - Obstruction. Wreck.

Source: Netherlands Notice 25/194/23

Chart 110 (INT 1473) [*previous update 2329/23*] WGS84 DATUM

Insert	 <i>Wk</i>	51° 58′.55N., 3° 38′.66E.
--------	---	---------------------------

Chart 122 (INT 1472) [*previous update 1657/23*] WGS84 DATUM

Insert	 <i>Obstn</i>	52° 07′.00N., 3° 42′.95E.
	 <i>Wk</i>	51° 58′.55N., 3° 38′.66E.

Chart 130 (INT 1423) [*previous update 1657/23*] WGS84 DATUM

Insert	 <i>Obstn</i>	52° 07′.00N., 3° 42′.95E.
--------	--	---------------------------



Chart 1630 (INT 1416) [*previous update 2039/23*] WGS84 DATUM

Insert	 <i>Obstn</i>	52° 07′.00N., 3° 42′.95E.
--------	--	---------------------------

2407 PORTUGAL - West Coast - Buoyage.

Source: Portuguese Notice 10/309/22

Chart 3634 [*previous update 275/23*] WGS84 DATUM


Insert	 <i>LFl.Y.10s5M Camera</i>	(a) 41° 27′.46N., 8° 50′.57W.
Delete	 <i>Fl(5)Y.20s ODAS Waverider (2 buoys), close E of:</i>	(a) above

II

2434 PORTUGAL - West Coast - Submarine cable.


Source: Portuguese Notice 10/300/22

Chart 3635 [*previous update 1453/23*] WGS84 DATUM

Insert submarine cable, , joining:

38° 20'·7N., 9° 09'·1W.
38° 20'·0N., 9° 09'·7W.
38° 14'·3N., 9° 18'·1W.
38° 13'·5N., 9° 22'·8W.
38° 12'·5N., 9° 23'·9W.

Chart 3636 [*previous update 1453/23*] WGS84 DATUM

Insert submarine cable, , joining:

38° 20'·7N., 9° 09'·1W.
38° 20'·0N., 9° 09'·7W.
38° 14'·3N., 9° 18'·1W.
38° 13'·5N., 9° 22'·8W.
38° 05'·9N., 9° 31'·2W.
38° 01'·5N., 9° 43'·0W.

2459 FRANCE - North Coast - Depths.

Source: French Notice 46/45/22

Chart 2700 (INT 1754) [*previous update 4334/22*] WGS84 DATUM

Insert depth, 6₅ (a) 48° 39'·691N., 2° 04'·244W.
Delete depth, 7₁, close N of: (a) above
Insert depth, 4, and extend 5m contour S to enclose (b) 48° 38'·006N., 2° 02'·015W.
Delete depth, 4₈, close N of: (b) above

2472 FRANCE - North Coast - Restricted area. Legends.

Source: French Notice 47/39/22

Chart 1349 (INT 1759) (Panel D, Rade de Caen Ouistreham) [*previous update 1522/23*] WGS84 DATUM

Insert limit of restricted area, entry prohibited, pecked line, joining: (a) 49° 17'·01N., 0° 14'·14W.
(b) 49° 17'·18N., 0° 14'·18W.
(c) 49° 17'·15N., 0° 13'·88W.
(d) 49° 16'·92N., 0° 13'·90W.
(e) 49° 16'·94N., 0° 14'·01W.
legend, (*balisée*) (*buoyed*), within: (a)-(e) above
Amend legend to, *Profondeur entretenue 7m Maintained depth 7m*,
centred on: 49° 17'·59N., 0° 14'·74W.
49° 18'·43N., 0° 14'·64W.

II

2401 UKRAINE - Obstructions. Depths. Fouls. Pilot boarding places. Buoyage. Wrecks.

Source: Ukrainian Charts 3502, 3503, ENC's UA3AD392, UA5ECF76 and UA4CC812

Chart 2202 [previous update 5166/21] WGS84 DATUM

Replace	 <i>Obstn</i> with #	46° 35'·020N., 31° 04'·565E. 46° 34'·501N., 31° 04'·301E.
---------	---	--

Chart 2205 [previous update New Edition 20/04/2023] WGS84 DATUM












Insert	 <i>Obstn</i>	(a) 46° 27'·90N., 31° 12'·73E.
Delete	depth, 13, close E of:	(a) above
Replace	 <i>Obstn</i> with #	46° 35'·02N., 31° 04'·57E. 46° 34'·50N., 31° 04'·30E.
Move	<p>① from:</p> <p>to:</p> <p> <i>Q</i>, from:</p> <p>to:</p>	<p>46° 29'·78N., 30° 48'·53E.</p> <p>46° 29'·77N., 30° 49'·09E.</p> <p>46° 27'·50N., 30° 50'·29E.</p> <p>46° 27'·68N., 30° 50'·25E.</p>
Delete	<p> <i>Obstn</i></p> <p>depth, 9₇, and associated 10m contour</p> <p> <i>Obstn PA</i></p>	<p>46° 31'·40N., 30° 46'·27E.</p> <p>46° 30'·48N., 30° 46'·52E.</p> <p>46° 28'·24N., 31° 06'·80E.</p>

Chart 2212 [previous update 1993/23] WGS84 DATUM

Insert	<p>obstruction out of position.  <i>Obstn</i></p> <p>depth, 19₆, enclosed by 20m contour</p>	<p>46° 27'·90N., 31° 12'·73E.</p> <p>(a) 46° 18'·78N., 30° 45'·36E.</p>
Delete	depth, 20 ₄ , close SE of:	(a) above
Insert	depth, 19 ₄ , and extend 20m contour NE to enclose	46° 17'·66N., 30° 45'·47E.
Move	<p>① from:</p> <p>to:</p> <p> <i>Q</i>, from:</p> <p>to:</p> <p> <i>Q(6)+LFL.15s</i>, from:</p> <p>to:</p> <p>① from:</p> <p>to:</p>	<p>46° 29'·78N., 30° 48'·53E.</p> <p>46° 29'·77N., 30° 49'·09E.</p> <p>46° 27'·49N., 30° 50'·30E.</p> <p>46° 27'·68N., 30° 50'·25E.</p> <p>46° 19'·09N., 30° 56'·20E.</p> <p>46° 19'·03N., 30° 56'·18E.</p> <p>46° 04'·62N., 30° 31'·47E.</p> <p>46° 04'·61N., 30° 30'·51E.</p>
Delete	<p>depth, 9₇, and associated 10m contour</p> <p> <i>ObstnPA</i></p> <p> <i>Obstn</i></p> <p> with seabed type, <i>R</i></p>	<p>46° 30'·48N., 30° 46'·52E.</p> <p>46° 28'·24N., 31° 06'·80E.</p> <p>46° 09'·19N., 30° 54'·83E.</p> <p>46° 05'·81N., 30° 56'·90E.</p>

II

2401 UKRAINE - Obstructions. Depths. Fouls. Pilot boarding places. Buoyage. Wrecks. (continued)

Chart 2213 [previous update 1219/23] WGS84 DATUM

Move	① from:	46° 04′.60N., 30° 31′.56E.
	to:	46° 04′.61N., 30° 30′.51E.

Chart 2214 [previous update 1689/23] WGS84 DATUM

Delete	depth, 20, and associated 20m contour	(a) 46° 09′.2N., 30° 54′.8E.
	depth, 10, and associated 10m contour, with seabed type, R, close SE of:	(a) above

Chart 2232 [previous update 1993/23] WGS84 DATUM

Replace	⊕ with Ⓜ ₁₈ Wk	46° 00′.9N., 31° 25′.2E.
Delete	Ⓜ ₀₆ Obstm PA	46° 28′.2N., 31° 06′.8E.
	Ⓜ ₂₀ Obstm	46° 09′.3N., 30° 55′.0E.
	Ⓜ ₁₀ with seabed type, R	46° 05′.8N., 30° 56′.9E.

Chart 2243 (Panel A, Odesa) [previous update New Edition 20/04/2023] WGS84 DATUM

Delete	Ⓜ ₉ Obstm	46° 31′.389N., 30° 46′.236E.
	depth, 9 ₇ , and associated 10m contour	46° 30′.486N., 30° 46′.524E.

Chart 2243 (Panel C, Approaches to Chornomors'k) [previous update New Edition 20/04/2023] WGS84 DATUM

Insert	depth, 19 ₆ , enclosed by 20m contour	(a) 46° 18′.78N., 30° 45′.36E.
Delete	depth, 20 ₄ , close SE of:	(a) above
Insert	depth, 19 ₄ , enclosed by 20m contour	46° 17′.66N., 30° 45′.47E.

2405 TURKEY - Black Sea Coast - Lights. Alongside depths.

Source: ENC TR50113C

Chart 1275 (Panel B, Bartin Limani) [previous update 1471/23] WGS84 DATUM

Insert	alongside depth, 5 ₁	(a) 41° 41′.143N., 32° 13′.749E.
Delete	alongside depth, 7 ₄ , close E of:	(a) above
Insert	alongside depth, 5 ₅	(b) 41° 41′.115N., 32° 13′.882E.
Delete	alongside depth, 6, close E of:	(b) above
Amend	range of light to, 5M	41° 41′.094N., 32° 13′.452E.
	range of light to, 10M	41° 41′.177N., 32° 13′.565E.
Replace	alongside depth, 6 ₁ , with alongside depth, 5 ₁ , centred on:	41° 41′.242N., 32° 13′.409E.
		41° 41′.169N., 32° 13′.618E.

Chart 1275 [previous update 1471/23] WGS84 DATUM

Amend	range of light to, 10M	41° 41′.24N., 32° 13′.42E.
-------	------------------------	----------------------------

II

2455 TURKEY - Black Sea Coast - Anchorage areas. NM Block.

Source: Turkish Notice 25-26/124/23

Chart 1274 (Panel B, Approaches to Samsun) [*previous update New Edition 08/04/2021*] WGS84 DATUM





Insert  the accompanying block, centred on: 41° 18'·7N., 36° 26'·7E.

Chart 2237 [*previous update 1042/23*] WGS84 DATUM

Insert  limit of anchorage area, pecked line, joining: (a) 41° 18'·60N., 36° 23'·80E.
(b) 41° 18'·60N., 36° 25'·50E.
(c) 41° 17'·60N., 36° 25'·50E.

 , within:

(a)-(c) above

Delete former limit of anchorage area, pecked line, and associated symbol, , joining:

(a) above

41° 19'·60N., 36° 23'·80E.

41° 19'·61N., 36° 28'·00E.


41° 17'·60N., 36° 28'·00E.

(c) above

2409 CAMEROON - Buoy. Automatic Identification System.

Source: French Notice 44/164/22

Chart 1387 (INT 2810) [*previous update 2348/23*] WGS84 DATUM


Insert  *Fl.10s* (a) 2° 43'·0N., 9° 45'·5E.
Automatic Identification System, AIS, at light-buoy (a) above

II

2402* QATAR - Restricted areas. Note. Legend.

Source: Qatar Energy

Chart 2837 (INT 7017) [previous update 2128/23] WGS84 DATUM

Insert	limit of restricted area, entry prohibited, pecked line, joining: limit of restricted area, TTTT  TTTT , joining:	26° 25′.9N., 51° 55′.8E. 26° 37′.2N., 51° 49′.4E. 26° 45′.6N., 51° 55′.4E. 26° 36′.9N., 52° 07′.3E. 26° 25′.9N., 52° 07′.3E. 26° 15′.2N., 52° 22′.0E. 25° 54′.1N., 52° 08′.8E. 25° 48′.4N., 52° 01′.3E. 25° 55′.0N., 51° 47′.0E. 25° 58′.0N., 51° 33′.5E. 25° 57′.9N., 51° 30′.0E. 26° 14′.9N., 51° 38′.0E. 26° 26′.7N., 51° 47′.5E. 26° 36′.1N., 51° 34′.7E. 26° 39′.4N., 51° 37′.2E. (a) 26° 47′.1N., 51° 55′.4E. (b) 26° 26′.3N., 52° 19′.7E.
Delete	limit of restricted area TTTT , and associated legend, <i>Restricted Area</i> , joining:	26° 23′.0N., 52° 18′.5E. 26° 19′.1N., 52° 07′.5E. 26° 17′.7N., 52° 00′.5E. 26° 21′.9N., 51° 56′.0E. 26° 32′.9N., 51° 49′.6E. 26° 37′.9N., 51° 49′.9E. (a) above 26° 34′.1N., 52° 10′.9E. (b) above

II

2402* QATAR - Restricted areas. Note. Legend. (continued)

Chart 2847 (INT 7018) [previous update 2128/23] WGS84 DATUM

Insert	limit of restricted area, entry prohibited, pecked line, joining:	26° 25'·9N., 51° 55'·8E. 26° 37'·2N., 51° 49'·4E. 26° 45'·6N., 51° 55'·4E. 26° 36'·9N., 52° 07'·3E. 26° 25'·9N., 52° 07'·3E.
	limit of restricted area, TTTTT [⊗] TTTTT , joining:	26° 05'·9N., 52° 16'·2E. 25° 54'·1N., 52° 08'·8E. 25° 48'·4N., 52° 01'·3E. 25° 55'·0N., 51° 47'·0E. 25° 58'·0N., 51° 33'·5E. 25° 57'·9N., 51° 30'·0E. 26° 14'·9N., 51° 38'·0E. 26° 26'·7N., 51° 47'·5E. 26° 36'·1N., 51° 34'·7E. 26° 39'·4N., 51° 37'·2E. (a) 26° 47'·1N., 51° 55'·4E. 26° 29'·3N., 52° 16'·2E.

Delete	limit of restricted area TTTTT, and associated legend, <i>Restricted Area</i> , joining:	26° 22'·2N., 52° 16'·2E. 26° 19'·1N., 52° 07'·5E. 26° 17'·7N., 52° 00'·5E. 26° 22'·0N., 51° 56'·0E. 26° 32'·8N., 51° 49'·6E. 26° 37'·9N., 51° 49'·9E. (a) above 26° 34'·1N., 52° 11'·0E. 26° 29'·4N., 52° 16'·2E.
--------	--	---

Chart 2883 (INT 7260) [previous update 1790/23] WGS84 DATUM

Insert	limit of restricted area, entry prohibited, pecked line, joining:	26° 34'·8N., 51° 50'·8E. 26° 37'·2N., 51° 49'·4E. 26° 45'·6N., 51° 55'·4E. 26° 36'·9N., 52° 07'·3E. 26° 34'·8N., 52° 07'·3E.
	limit of restricted area, TTTTT [⊗] TTTTT , joining:	26° 34'·8N., 51° 36'·6E. 26° 36'·1N., 51° 34'·7E. 26° 39'·4N., 51° 37'·2E. (a) 26° 47'·1N., 51° 55'·4E. 26° 34'·8N., 52° 09'·8E.

Delete	limit of restricted area, TTTTT, and associated legend, <i>Restricted Area (see Note)</i> , joining:	26° 34'·8N., 52° 10'·1E. (a) above 26° 37'·9N., 51° 49'·9E. 26° 34'·8N., 51° 49'·7E.
--------	--	---

Replace	the existing note with the accompanying note, RESTRICTED AREAS, centred on:	28° 24'·4N., 51° 47'·9E.
---------	---	--------------------------

II

2402* QATAR - Restricted areas. Note. Legend. (continued)

Chart 2886 (INT 7243) [previous update 2128/23] WGS84 DATUM

Insert	limit of restricted area, entry prohibited, pecked line, joining:	<p>26° 25′.9N., 51° 55′.8E. 26° 37′.2N., 51° 49′.4E. 26° 45′.6N., 51° 55′.4E. 26° 36′.9N., 52° 07′.3E. 26° 25′.9N., 52° 07′.3E.</p>
	limit of restricted area, TTTT TTTT , joining:	<p>26° 15′.2N., 52° 22′.0E. 25° 54′.1N., 52° 08′.8E. 25° 48′.4N., 52° 01′.3E. 25° 55′.0N., 51° 47′.0E. 25° 58′.0N., 51° 33′.5E. 25° 57′.9N., 51° 30′.0E. 26° 14′.9N., 51° 38′.0E. 26° 26′.7N., 51° 47′.5E. 26° 36′.1N., 51° 34′.7E. 26° 39′.4N., 51° 37′.2E. (a) 26° 47′.1N., 51° 55′.4E. (b) 26° 26′.3N., 52° 19′.7E.</p>
Delete	limit of restricted area, TTTT , and associated legend, <i>Restricted Area (see Note)</i> , joining:	<p>26° 32′.9N., 51° 49′.6E. 26° 37′.8N., 51° 49′.9E. (a) above 26° 34′.1N., 52° 10′.9E. (b) above 26° 23′.1N., 52° 18′.5E. 26° 19′.1N., 52° 07′.5E. 26° 17′.7N., 52° 00′.5E. 26° 21′.9N., 51° 56′.0E.</p>
Replace	the existing note with the accompanying note, RESTRICTED AREAS, centred on:	<p>25° 11′.3N., 51° 09′.9E.</p>

Chart 3772 (INT 7249) [previous update 1595/23] WGS84 DATUM

Insert	limit of restricted area, TTTT TTTT , joining:	<p>25° 51′.74N., 51° 54′.03E. 25° 55′.00N., 51° 47′.00E. 25° 58′.01N., 51° 33′.54E. 25° 57′.91N., 51° 31′.00E.</p>
--------	--	---

II

2402* QATAR - Restricted areas. Note. Legend. (continued)

Chart 3781 (INT 7248) [*previous update 3370/20*] WGS84 DATUM



Insert limit of restricted area,  joining: 25° 55'·609N., 51° 44'·277E.
25° 57'·393N., 51° 36'·288E.

Chart 3950 (INT 7244) [*previous update 1595/23*] WGS84 DATUM

Insert limit of restricted area,  joining: 26° 02'·00N., 52° 13'·75E.
25° 54'·08N., 52° 08'·79E.
25° 48'·37N., 52° 01'·27E.
25° 55'·00N., 51° 47'·00E.
25° 58'·01N., 51° 33'·50E.
25° 57'·89N., 51° 30'·02E.
26° 02'·00N., 51° 31'·96E.

2469* QATAR - Submarine pipeline.

Source: Qatar Energy

Chart 2523 (INT 7250) [*previous update New Edition 13/04/2023*] WGS84 DATUM


Insert submarine pipeline,  joining: 25° 54'·30N., 52° 07'·75E.
25° 54'·52N., 52° 07'·51E.
25° 54'·80N., 52° 06'·55E.
25° 55'·13N., 52° 05'·53E.
25° 55'·62N., 52° 04'·50E.
25° 56'·60N., 52° 02'·84E.
25° 57'·11N., 52° 01'·82E.
25° 57'·50N., 52° 00'·93E.
25° 57'·81N., 52° 00'·48E.

Chart 2837 (INT 7017) [*previous update 2402/23*] WGS84 DATUM



Insert submarine pipeline,  joining: 25° 56'·2N., 52° 03'·4E.
25° 56'·6N., 52° 02'·8E.
25° 57'·0N., 52° 02'·0E.
25° 57'·4N., 52° 01'·1E.
25° 57'·8N., 52° 00'·5E.

Chart 2847 (INT 7018) [*previous update 2402/23*] WGS84 DATUM

Insert submarine pipeline,  joining: 25° 56'·2N., 52° 03'·4E.
25° 56'·6N., 52° 02'·8E.
25° 57'·0N., 52° 02'·0E.
25° 57'·4N., 52° 01'·1E.
25° 57'·8N., 52° 00'·5E.

II

2469* QATAR - Submarine pipeline. (continued)

Chart 2886 (INT 7243) [*previous update 2402/23*] WGS84 DATUM

Insert submarine pipeline, -----, joining:

25° 56'·2N., 52° 03'·4E.
25° 56'·6N., 52° 02'·8E.
25° 57'·0N., 52° 02'·0E.
25° 57'·4N., 52° 01'·1E.
25° 57'·8N., 52° 00'·5E.

Chart 3950 (INT 7244) [*previous update 2402/23*] WGS84 DATUM

Insert submarine pipeline, -----, joining:

25° 54'·30N., 52° 07'·75E.
25° 54'·52N., 52° 07'·51E.
25° 54'·80N., 52° 06'·55E.
25° 55'·13N., 52° 05'·53E.
25° 55'·62N., 52° 04'·50E.
25° 56'·60N., 52° 02'·84E.
25° 57'·11N., 52° 01'·82E.
25° 57'·50N., 52° 00'·93E.
25° 57'·81N., 52° 00'·48E.

2418 INDONESIA - Sumatera - Obstruction.

Source: Indonesian Notice 24/283/23

Note: Former Notice 2141(P)/23 is cancelled.

Chart 1312 [*previous update 2017/23*] WGS84 DATUM

Insert  *Obstn Rep (2023) PA*

0° 59'·3N., 104° 44'·6E.

Chart 2403 [*previous update 2384/23*] WGS84 DATUM

Insert  *Obstn Rep (2023) PA*

0° 59'·34N., 104° 44'·58E.

Chart 2869 [*previous update 1945/23*] WGS84 DATUM

Insert  *Obstn Rep (2023) PA*

0° 59'·3N., 104° 44'·6E.

Chart 3949 [*previous update 2317/23*] WGS84 DATUM

Insert  *Obstn Rep (2023) PA*

0° 59'·34N., 104° 44'·58E.

II

2473* SINGAPORE - Dredged depths. Buoyage. Light. NM Block. Depth. Foul.

Source: Maritime and Port Authority of Singapore

Note: AIS remains unchanged at Banyan light-beacon on charts 4031, 4032, 4039 and 4040.

Chart 4030 [previous update 594/23] WGS84 DATUM

Amend	dredged depth to, 23.0m (2022), centred on:	1° 15′.260N., 103° 38′.443E.
		1° 15′.261N., 103° 38′.608E.

Chart 4031 [previous update 2384/23] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 15′.1N., 103° 38′.6E.
Amend	light to, Fl(2)10s11m8/5M (Dual Intensity)	1° 13′.346N., 103° 41′.585E.

Chart 4032 [previous update 1899/23] WGS84 DATUM

Amend	dredged depth to, 11.7m (2022), centred on:	1° 15′.940N., 103° 42′.669E.
	dredged depth to, 11.6m (2022), centred on:	1° 15′.897N., 103° 42′.751E.
	dredged depth to, 10.0m (2022), centred on:	1° 15′.852N., 103° 42′.831E.
	dredged depth to, 1.5m (2022), centred on:	1° 15′.710N., 103° 43′.098E.
	dredged depth to, 3.1m (2022), centred on:	1° 15′.667N., 103° 43′.185E.
	dredged depth to, 14.2m (2022), centred on:	1° 15′.641N., 103° 43′.613E.
	light to, Fl(2)10s11m8/5M (Dual Intensity)	1° 13′.346N., 103° 41′.585E.

Chart 4033 [previous update 594/23] WGS84 DATUM

Amend	dredged depth to, 23.0m (2022), centred on:	1° 15′.259N., 103° 38′.443E.
		1° 15′.260N., 103° 38′.609E.

Chart 4034 [previous update 1668/23] WGS84 DATUM


Insert	 JPOC-WC	1° 17′.597N., 103° 45′.068E.
Amend	dredged depth to, 11.9m (2023), centred on:	1° 18′.461N., 103° 42′.987E.
	dredged depth to, 13.4m (2023), centred on:	1° 18′.394N., 103° 43′.067E.
	dredged depth to, 11.5m (2023), centred on:	1° 18′.257N., 103° 43′.230E.
	dredged depth to, 11.9m (2023), centred on:	1° 18′.190N., 103° 43′.307E.
	dredged depth to, 11.8m (2023), centred on:	1° 18′.135N., 103° 43′.392E.
	dredged depth to, 11.8m (2023), centred on:	1° 18′.093N., 103° 43′.479E.
	dredged depth to, 12.2m (2023), centred on:	1° 18′.048N., 103° 43′.568E.
	dredged depth to, 12.9m (2023), centred on:	1° 18′.011N., 103° 43′.642E.
	dredged depth to, 11.6m (2022), centred on:	1° 15′.896N., 103° 42′.751E.
	dredged depth to, 10.0m (2022), centred on:	1° 15′.854N., 103° 42′.832E.
	dredged depth to, 1.5m (2022), centred on:	1° 15′.718N., 103° 43′.107E.
	dredged depth to, 3.1m (2022), centred on:	1° 15′.667N., 103° 43′.184E.
	dredged depth to, 14.2m (2022), centred on:	1° 15′.641N., 103° 43′.612E.

Chart 4035 [previous update 1899/23] WGS84 DATUM

Amend	dredged depth to, 8.8m (2022), centred on:	1° 12′.661N., 103° 47′.584E.
	dredged depth to, 16.4m (2022), centred on:	1° 12′.601N., 103° 47′.712E.

Chart 4036 [previous update 1899/23] WGS84 DATUM

Insert	dredged depth to, 8.8m (2022), centred on:	1° 12′.661N., 103° 47′.583E.
	dredged depth to, 16.4m (2022), centred on:	1° 12′.598N., 103° 47′.709E.

Chart 4037 [previous update 1673/23] WGS84 DATUM

Replace	depth, 20, enclosed by 20m contour with # (20 ₁)	1° 15′.582N., 103° 51′.299E.
---------	--	------------------------------

II

2473* SINGAPORE - Dredged depths. Buoyage. Light. NM Block. Depth. Foul. (continued)

Chart 4039 [previous update 2384/23] WGS84 DATUM

Amend light to, Fl(2)10s11m8/5M (Dual Intensity) 1° 13′.34N., 103° 41′.59E.

Chart 4040 [previous update 2384/23] WGS84 DATUM

Insert # (20₁) 1° 15′.58N., 103° 51′.30E.

Amend light to, Fl(2)10s11m8/5M (Dual Intensity) 1° 13′.34N., 103° 41′.59E.

Chart 4041 [previous update 1899/23] WGS84 DATUM

Insert # (20₁) 1° 15′.58N., 103° 51′.30E.

 Fl.Y.4s STEUIS-1 1° 18′.51N., 103° 58′.50E.

 Fl.Y.4s STEUIS-2 1° 18′.50N., 103° 59′.62E.

Chart 4043 [previous update 1754/23] WGS84 DATUM

Insert  Fl.Y.4s STEUIS-1 1° 18′.51N., 103° 58′.50E.

 Fl.Y.4s STEUIS-2 1° 18′.50N., 103° 59′.62E.


2406 CHINA - South Coast - Light.

Source: Chinese Notice 11/270/23

Chart 3890 [previous update 1036/23] CGCS 2000 DATUM

Insert  Mo(U)15s10m5M 20° 18′.81N., 110° 34′.82E.

Chart 3892 [previous update 2229/23] CGCS 2000 DATUM

Insert  Mo(U)15s10m5M 20° 18′.8N., 110° 34′.8E.

2417 CHINA - East Coast - NM Blocks. Submarine power cables.

Source: Chinese Notices 38/1310/22, 14/483/22, 14/485/22, 14/391-392/23 and 15/422-423/23

Chart 1143 [previous update 1986/23] CGCS 2000 DATUM

Insert the accompanying block, centred on: 30° 27′.3N., 121° 51′.0E.

II

2417 CHINA - East Coast - NM Blocks. Submarine power cables. (continued)

Chart 1144 [previous update 4972/22] CGCS 2000 DATUM







Insert the accompanying block, centred on: 30° 41′·8N., 122° 01′·7E.
submarine power cable,   , joining:
30° 40′·63N., 121° 59′·84E.
30° 40′·39N., 121° 59′·43E.
30° 36′·89N., 121° 57′·46E.
30° 36′·71N., 121° 57′·00E.

Chart 1304 [previous update 1950/23] CGCS 2000 DATUM

Insert submarine power cable,   , joining:
30° 21′·40N., 121° 56′·13E.
30° 20′·53N., 121° 56′·13E.
30° 20′·10N., 121° 56′·32E.

2419 TAIWAN STRAIT - Wreck.

Source: UKHO

Chart 1760 [previous update 2361/23] WGS84 DATUM


Insert  23° 49′·0N., 119° 18′·0E.

Chart 1968 [previous update 2044/23] WGS84 DATUM


Insert  23° 49′·0N., 119° 18′·0E.


Chart 3489 (INT 553) [previous update 2044/23] WGS84 DATUM

Insert  23° 49′·0N., 119° 18′·0E.

2428 CHINA - South Coast - Submarine cable.

Source: Hong Kong Notice 5/8/23

Chart 4127 [previous update 5124/22] WGS84 DATUM


Insert submarine cable, , joining:
22° 12′·77N., 114° 12′·26E.
22° 12′·04N., 114° 12′·05E.
22° 11′·33N., 114° 12′·47E.
22° 11′·04N., 114° 13′·53E.
22° 11′·71N., 114° 15′·33E.
22° 11′·80N., 114° 16′·05E.
22° 11′·55N., 114° 16′·31E.
22° 11′·69N., 114° 17′·77E.
22° 11′·30N., 114° 21′·37E.
22° 11′·26N., 114° 22′·90E.

II

2441 CHINA - South Coast - Buoy. Automatic Identification System.

Source: Hong Kong Notice 6/11/23

Chart 4129 [previous update 2153/23] WGS84 DATUM

Insert  *Fl(5)Y.20s PWWHK* (a) 22° 14'·22N., 113° 50'·02E.
Automatic Identification System, AIS, at PWWHK light-buoy (a) above

2470 CHINA - East Coast - Fixed points. Overhead cable. Vertical clearance.

Source: Chinese Notice 11/262/23

Chart 1126 [previous update 1972/23] CGCS 2000 DATUM



Insert  (a) 29° 54'·58N., 121° 59'·65E.
(b) 29° 54'·54N., 122° 00'·19E.
overhead power cable, pecked line, joining: (a)-(b) above
symbol, vertical clearance 43m, close W of: (a) above

Chart 1304 [previous update 2417/23] CGCS 2000 DATUM

Insert  (a) 29° 54'·58N., 121° 59'·65E.
(b) 29° 54'·54N., 122° 00'·19E.
overhead power cable, pecked line, joining: (a)-(b) above
symbol, vertical clearance 43m, close W of: (a) above

2460 JAPAN - Seto Naikai - NM Block.

Source: Japanese Notice 26/295/23

Chart JP 123 [previous update 1762/23] WGS84 DATUM

Insert the accompanying block, centred on: 34° 39' 01"N., 135° 24' 28"E.

2461 JAPAN - Seto Naikai - NM Block.

Source: Japanese Notice 26/296/23

Note: Former Notice 3392(T)/22 is cancelled.

Chart JP 134B [previous update 5198/22] WGS84 DATUM

Insert the accompanying block, centred on: 34° 45' 38"N., 134° 38' 58"E.

II

2462 JAPAN - Hokkaidō - Berths.

Source: Japanese Notice 26/299/23

Chart JP 1033A [*previous update 892/23*] WGS84 DATUM

Insert	berth number, 3	42° 38′ 51.0"N., 141° 39′ 57.0"E.
Replace	berth number, 1 EAST with berth number, 2 berth number, 2 with berth number, 4 berth number, 3 with berth number, 5 berth number, 4 with berth number, 6	42° 38′ 49.4"N., 141° 39′ 50.0"E. 42° 38′ 54.8"N., 141° 40′ 07.3"E. 42° 38′ 56.4"N., 141° 40′ 12.1"E. 42° 38′ 58.0"N., 141° 40′ 16.8"E.

2463 JAPAN - Honshū - Obstruction. Legends. Danger line.

Source: Japanese Notice 26/301/23

Chart JP 148 [*previous update 1644/23*] WGS84 DATUM

Insert	limit of caisson stock area, pecked line, joining: legend, <i>Caisson Stock Area</i> , within: legend, <i>Ruins</i> , centred on:	(a) 39° 45′ 34.0"N., 140° 02′ 31.7"E. (b) 39° 45′ 32.1"N., 140° 02′ 39.7"E. (c) 39° 45′ 30.1"N., 140° 02′ 38.9"E. (d) 39° 45′ 32.0"N., 140° 02′ 30.9"E. (a)-(d) above
Delete	danger line, dotted line, joining: legend, <i>Ruins</i> , centred on:	39° 45′ 30.0"N., 140° 02′ 34.0"E. 39° 45′ 31.9"N., 140° 02′ 31.1"E. 39° 45′ 33.3"N., 140° 02′ 31.7"E. 39° 45′ 31.5"N., 140° 02′ 39.5"E. 39° 45′ 31.4"N., 140° 02′ 35.3"E.

2464 JAPAN - Honshū - Fixed points.

Source: Japanese Notice 26/302/23

Chart JP 54 (Panel, Miyako Wan) [*previous update 1645/23*] WGS84 DATUM

Insert	⊙ Y Lt	39° 38′ 30.5"N., 141° 58′ 49.5"E. 39° 38′ 24.0"N., 141° 58′ 32.8"E.
--------	--------	--

2465 JAPAN - Honshū - Dolphin. Obstruction. Danger area.

Source: Japanese Notice 26/303/23

Chart JP 1065 [*previous update 2004/23*] WGS84 DATUM

Replace	□ Dn with ☉	35° 37′ 19.0"N., 139° 48′ 34.2"E.
---------	-------------	-----------------------------------

II

2466 JAPAN - Seto Naikai - Legends. Buoy. Piles. Berth. Fixed point.

Source: Japanese Notice 26/304/23

Chart JP 123 [*previous update 2460/23*] WGS84 DATUM


Insert	legend, <i>Ruins</i> , centred on:	(a) 34° 38′ 04.3"N., 135° 27′ 07.9"E.
Delete	⊙ Y Lt, close S of:	(a) above
Amend	legend to, <i>Ruins</i> , centred on:	(b) 34° 37′ 48.3"N., 135° 26′ 51.3"E. 34° 37′ 46.4"N., 135° 26′ 51.6"E.
Delete	berth number, 13, close S of:	(b) above
	• Pile (Y Lt)	34° 39′ 36.2"N., 135° 22′ 41.2"E.
	• Piles (Y Lt)	34° 39′ 36.9"N., 135° 22′ 43.1"E.
		34° 37′ 51.9"N., 135° 26′ 51.3"E.



Chart JP 1107 [*previous update 1840/23*] WGS84 DATUM

Delete	• Pile (Y Lt)	34° 39′ 36.2"N., 135° 22′ 41.2"E.
	• Piles (Y Lt)	34° 39′ 36.9"N., 135° 22′ 43.1"E.

2467 JAPAN - Seto Naikai - Submarine pipelines.

Source: Japanese Notice 26/305/23

Chart JP 1107 [*previous update 2466/23*] WGS84 DATUM

Insert	submarine pipeline,  , joining:	(a) 34° 43′ 12.3"N., 135° 20′ 41.8"E. 34° 43′ 11.0"N., 135° 20′ 43.0"E.
Delete	former submarine pipeline,  , joining:	(a) above 34° 43′ 14.5"N., 135° 20′ 45.7"E.

2427 KOREA - West Coast - Reclamation area. Legend.

Source: Korean Notice 7/121/23

Chart 3642 (INT 5364) [*previous update 831/23*] WGS84 DATUM


Insert	limit of reclamation area, pecked line, joining:	(a) 37° 27′.568N., 126° 36′.037E. (b) 37° 27′.515N., 126° 36′.078E. (c) 37° 27′.522N., 126° 36′.092E.
Delete	legend, Being reclaimed (2023), close E of: charted detail, within:	(a)-(c) above (a)-(c) above

II

2432 KOREA - West Coast - Light.

Source: Korean Notice 12/193/23



Chart 1007 [previous update 1622/23] WGS84 DATUM

Delete  Fl(2)6s13m6M and associated circular white arc 34° 47'·307N., 126° 18'·975E.

2449 KOREA - South Coast - Submarine power cable.

Source: Korean Notice 15/250/23

Chart 1065 [previous update 2274/23] WGS84 DATUM

Insert submarine power cable,  , joining: 35° 08'·06N., 128° 40'·39E.
35° 07'·99N., 128° 40'·90E.

2450 KOREA - West Coast - Radar beacons. Buoyage.

Source: Korean Notices 11/170-172/23 and 11/174/23

Chart 913 (INT 5254) [previous update 2362/23] WGS84 DATUM



Delete radar beacon, Racon(T), at light 36° 06'·35N., 125° 59'·87E.
symbol, radar beacon, Racon(B) 35° 37'·30N., 126° 18'·31E.
 Fl(5)Y.20s B 35° 18'·53N., 125° 31'·03E.
 Fl(5)Y.20s ODAS 34° 52'·20N., 125° 41'·64E.

Chart 3365 (INT 5252) [previous update 2268/23] WGS84 DATUM

Delete  Fl(5)Y.20s ODAS 34° 52'·20N., 125° 41'·64E.

Chart 3480 [previous update 1813/23] WGS84 DATUM

Delete  Fl(5)Y.20s B 35° 18'·5N., 125° 31'·0E.

2454 KOREA - East Coast - Light.

Source: Korean Notice 14/224/23

Chart 882 (Panel, Donghae (Tonghae)) [previous update 2392/23] WGS84 DATUM

Amend range of light to, 8M 37° 29'·647N., 129° 08'·780E.

II

2471 KOREA - West Coast - Restricted area. Quarantine anchorage.

Source: Korean Notice 8/132/23

Chart 1270 (INT 5363) [previous update 2235/23] WGS84 DATUM

Insert	limit of restricted area, TTTT XXXX , joining:	<p>37° 10′·00N., 126° 25′·80E.</p> <p>(a) 37° 10′·00N., 126° 27′·29E.</p> <p>(b) 37° 09′·22N., 126° 27′·29E.</p> <p>(c) 37° 09′·22N., 126° 25′·80E.</p>
	limit of <i>Ippado</i> quarantine anchorage area, pecked line, joining:	<p>(d) 37° 09′·87N., 126° 30′·76E.</p> <p>37° 10′·00N., 126° 30′·76E.</p> <p>(a) above</p> <p>(b) above</p> <p>(c) above</p> <p>37° 08′·87N., 126° 25′·80E.</p> <p>(e) 37° 08′·87N., 126° 27′·58E.</p>
Delete	former limit of <i>Ippado</i> quarantine anchorage area, pecked line, joining:	<p>(d) above</p> <p>37° 09′·87N., 126° 27′·57E.</p> <p>(e) above</p>

2416 INDONESIA - Papua - Restricted area.

Source: ENC ID300205

Chart 3749 [previous update 2069/23] WGS84 DATUM

Insert	limit of restricted area, entry prohibited, pecked line, joining:	<p>2° 34′·5S., 131° 34′·0E.</p> <p>2° 34′·5S., 131° 40′·8E.</p> <p>2° 41′·6S., 131° 40′·9E.</p> <p>2° 41′·5S., 131° 33′·9E.</p>
--------	---	---

2479 PHILIPPINE ISLANDS - Luzon - Lights.

Source: Philippine Notice 10/55/22

Chart 4486 [previous update 262/23] WGS84 DATUM

Insert	★ Fl.G.5s	(a) 13° 24′·40N., 123° 45′·94E.
Delete	★ Fl(2)G.4s, close SW of:	(a) above

II

2480 PHILIPPINE ISLANDS - Luzon - Light.

Source: Philippine Notice 10/41/22

Chart 4412 [*previous update 1338/23*] WGS84 DATUM

Insert	★ Fl.5s	14° 57′.0N., 122° 09′.2E.
--------	---------	---------------------------

Chart 4413 [*previous update 1338/23*] WGS84 DATUM

Insert	★ Fl.5s	14° 57′.0N., 122° 09′.2E.
--------	---------	---------------------------

2445 AUSTRALIA - Queensland - Depths.

Source: Australian Notice 13/520/23

Chart Aus 822 [*previous update 1621/23*] WGS84 DATUM

Insert	depth, 9 ₇ , enclosed by 10m contour	21° 56′.86S., 149° 55′.36E.
	depth, 12 ₅ , and extend 15m contour NW to enclose	(a) 22° 02′.44S., 150° 04′.85E.
Delete	depth, 16 ₂ , close W of:	(a) above
Replace	depth, 8 ₈ , with depth, 7 ₉	21° 55′.53S., 149° 53′.87E.

2446 AUSTRALIA - Queensland - Depths.

Source: Australian Notice 13/521/23

Chart Aus 814 [*previous update 5163/22*] WGS84 DATUM

Insert	5m contour, joining:	(a) 27° 06′.20S., 153° 20′.10E. 27° 06′.36S., 153° 20′.00E.
	10m contour, joining	(b) 27° 06′.23S., 153° 19′.83E. (c) 27° 06′.39S., 153° 20′.15E. 27° 06′.48S., 153° 20′.12E. (d) 27° 06′.29S., 153° 19′.86E.
Delete	former 5m contour, joining:	(a) above (b) above
	former 10m contour, joining:	(c) above (d) above

II

2424 NEW ZEALAND - North Island - Superbuoy. Automatic Identification System.

Source: New Zealand Notice 13/48/23

Note: Former Notice 2239(T)/23 is cancelled.

Chart NZ 45 [previous update 5677/20] WGS84 DATUM


Insert	 Fl(5)Y.20s Floating Light Detecting and Ranging (FLiDAR) Automatic Identification System, AIS, at light-buoy	(a) 39° 59′.63S., 174° 08′.34E. (a) above
--------	--	--

Chart 4640 (INT 640) [previous update 3843/22] WGS84 DATUM



Insert	 Fl(5)Y Automatic Identification System, AIS, at light-buoy	(a) 39° 59′.6S., 174° 08′.3E. (a) above
--------	---	--





Chart 4648 (INT 648) [previous update 3843/22] WGS84 DATUM

Insert	 Fl(5)Y Automatic Identification System, AIS, at light-buoy	(a) 39° 59′.6S., 174° 08′.3E. (a) above
--------	---	--

2442 SOUTH PACIFIC OCEAN - Samoa Islands - Wrecks. Depths.

Source: ENC US5SP30M

Chart 1729 (Panel, Pago Pago Harbour) [previous update 2323/22] PRELIMINARY NAD27 DATUM

Insert	 27:Wk	(a) 14° 16′.58S., 170° 41′.41W. (a) above
Delete	depth, 20 ₁ , close NW of:	
Insert	 28:Wk	14° 16′.62S., 170° 41′.43W.
Delete	depth, 12 ₄ depth, 14 ₂ , close W of:	(b) 14° 16′.72S., 170° 41′.28W. (b) above
Insert	wreck out of position,  14 ₃ :Wk	(c) 14° 16′.74S., 170° 41′.26W. (c) above
Delete	 PA, close N of:	
Insert	++ depth, 0 ₀ , and extend 2m contour N to enclose	14° 16′.58S., 170° 40′.71W. (d) 14° 17′.55S., 170° 40′.53W.
Delete	depth, 4 ₁ , close N of:	(d) above
Insert	depth, 8 ₆ , and extend 10m contour NE to enclose	(e) 14° 17′.56S., 170° 40′.38W.
Delete	depth, 10 ₁ , close E of:	(e) above
Insert	depth, 1 ₈ , enclosed by 2m contour	(f) 14° 17′.60S., 170° 40′.43W.
Delete	depth, 2 ₃ , close S of:	(f) above
Insert	depth, 9 ₁ , enclosed by 10m contour	(g) 14° 17′.68S., 170° 39′.82W.
Delete	depth, 10 ₁ , close N of:	(g) above
Insert	depth, 5 ₁	(h) 14° 19′.18S., 170° 40′.27W.
Delete	depth, 5 ₇ , close SE of: depth, 3 ₅ , enclosed by 50m contour	(h) above 14° 17′.26S., 170° 40′.01W.

II

2408 CANADA - British Columbia - Rock.

Source: Canadian Notice 4/3958/23

Chart 4937 [previous update 2249/23] NAD83 DATUM

Insert



54° 18' 27.8"N., 130° 20' 31.6"W.

2412 UNITED STATES OF AMERICA - West Coast - Depths. Wreck.

Source: ENC US3WA01M

Chart 4945 [previous update 1564/23] NAD83 DATUM

Insert

depth, 100, enclosed by 100m contour
depth, 72, and extend 80m contour N to enclose

48° 24' 88N., 124° 41' 25W.

48° 24' 86N., 124° 39' 64W.

Chart 4947 [previous update 454/23] NAD83 DATUM

Insert

depth, 100, enclosed by 100m contour
depth, 72, and extend 80m contour N to enclose
depth, 13₄, and extend 20m contour E to enclose
depth, 4₈, enclosed by 5m contour

48° 24' 88N., 124° 41' 25W.

48° 24' 86N., 124° 39' 64W.

48° 22' 52N., 124° 33' 48W.

(a) 48° 21' 73N., 124° 32' 06W.

Delete

, close SW of:

(a) above

2403 CHILE - Northern Coasts - Buoy.

Source: Chilean Notice 2/9/23

Chart 4217 [previous update 5189/22] SIRGAS DATUM

Insert

buoy out of position, Fl(2)10s3M

18° 28' 15S., 70° 19' 23W.

2440 ECUADOR - Anchorage area.

Source: Ecuadorean Daily Notice 08/05/23

Chart 586 [previous update 276/23] WGS84 DATUM

Insert



3° 11' 07S., 80° 02' 70W.

2447 ECUADOR - Wreck.

Source: Ecuadorean Daily Notice 24/05/2023

Chart 586 [previous update 2440/23] WGS84 DATUM

Insert



3° 05' 74S., 80° 10' 79W.

II

2404 UNITED STATES OF AMERICA - Gulf of Mexico - Obstructions.

Source: US Coast Guard District 8 LNM 21/11324/23

Chart 3183 (Panel, Galveston and Approaches) [*previous update 2258/23*] NAD83 DATUM

Delete	 :Obstn	29° 22′.29N., 94° 48′.14W.
	 :Obstn	29° 22′.11N., 94° 48′.08W.
	 :Obstn	29° 22′.09N., 94° 48′.18W.

Chart 3186 (Panel 1) [*previous update 2201/23*] NAD83 DATUM

Delete		29° 24′.62N., 94° 49′.50W.
	 :Obstn	29° 24′.10N., 94° 49′.24W.
	 :Obstn	29° 23′.68N., 94° 48′.89W.
	 :Obstn	29° 22′.29N., 94° 48′.13W.
	 :Obstn	29° 22′.11N., 94° 48′.08W.
	 :Obstn	29° 22′.09N., 94° 48′.18W.
Replace	 :Obstns with  :Obstn	29° 24′.66N., 94° 49′.53W.

II

2414(T)/23 IRELAND - East Coast - Buoyage. Automatic Identification Systems. Scientific instruments.

Source: Irish Maritime Administration Notices 3/22 and 67-68/22

1. *Special purpose yellow light-buoys, *Fl(5)Y.20s*, have been temporarily established in the following positions:

Positions

53° 35′.66N., 5° 54′.55W.

53° 53′.08N., 5° 56′.84W.

53° 53′.00N., 5° 56′.77W.

53° 45′.43N., 5° 49′.72W.

53° 45′.38N., 5° 49′.57W.

53° 48′.88N., 5° 54′.02W.

53° 48′.88N., 5° 53′.87W.

2. Scientific instruments, extending no more than 6m vertically above the seabed, have been established in position 53° 48′.84N., 5° 53′.94W.
3. Mariners are advised to navigate with caution in the area.
4. * Former Notice 1224(T)/23 is cancelled.
* Indicates new or revised entry
(ETRS89 DATUM)

Charts affected - 44 - 1121 (INT 1062) - 1411 (INT 1608) - 1468 - 5609_1 - 5612_24 - 5621_1 - 5621_18 - 5621_3 - 5621_5

2430(P)/23 SCOTLAND - East Coast - Wind farm. Buoyage. Restricted area. Submarine cables. Works.

Source: Moray West Offshore Windfarm

1. Construction of the Moray West Wind Farm has commenced. The main Wind Farm Array work area is marked by pillar light-buoys as follows:

Characteristic	Designation	Buoy Type	Position
<i>Fl.Y.5s</i>	<i>MW1</i>	Special	58° 03′.68N., 2° 54′.23W.
<i>Fl.Y.5s</i>	<i>MW2</i>	Special	58° 02′.67N., 2° 59′.02W.
<i>Fl.Y.5s</i>	<i>MW3</i>	Special	58° 00′.83N., 3° 07′.17W.
<i>VQ(6)+LFl.10s AIS</i>	<i>MW4</i>	South Cardinal	58° 00′.07N., 3° 12′.93W.
<i>VQ(9)15s</i>	<i>MW5</i>	West Cardinal	58° 03′.03N., 3° 13′.07W.
<i>Fl.Y.5s</i>	<i>MW6</i>	Special	58° 06′.63N., 3° 08′.20W.
<i>Fl.Y.5s</i>	<i>MW7</i>	Special	58° 09′.50N., 3° 00′.38W.

2. All vessels should navigate with caution in the area. A safety zone of 500 metres becomes operational around the turbines under construction.
3. Cable laying operations will also be conducted between Moray West Wind Farm and Portsoy in position 57° 41′.19N., 2° 43′.78W.
4. These changes will be included in New Editions of Charts 115, 222 and 5617_7 to be published mid 2023.
5. Charts 223, 1409, 2182B and 2182C will be updated by Notice to Mariners.
(ETRS89 DATUM)

Charts affected - 115 (INT 1503) - 222 - 5617_7

II

2437(T)/23 IRELAND - North Coast - Scientific instruments. Buoyage.

Source: Foyle Port

1. Acoustic monitoring instruments, marked by orange buoys, have been established on the seabed in the following positions:

55° 12'·54N., 6° 57'·04W.
55° 12'·45N., 6° 57'·29W.
55° 12'·43N., 6° 56'·89W.
55° 12'·37N., 6° 57'·21W.
55° 12'·33N., 6° 57'·00W.
55° 11'·99N., 6° 56'·92W.
55° 11'·90N., 6° 57'·11W.
55° 11'·83N., 6° 56'·85W.
55° 11'·73N., 6° 57'·13W.
55° 11'·65N., 6° 56'·94W.

2. Mariners are advised to navigate with caution in the area.
(ETRS89 DATUM)

Charts affected - 2511 (INT 1659) - 2811 - 5612_20 - 5612_22 - 5612_23

2438(P)/23 ENGLAND - South Coast - Restricted areas.

Source: DEFRA

1. Highly Protected Marine Areas (HPMAs) in English waters have been designated in the following areas:

Dolphin Head

50° 11'·18N., 1° 00'·00W.
50° 16'·89N., 0° 26'·10W.
50° 09'·46N., 0° 24'·97W.
50° 07'·43N., 0° 30'·08W.
50° 08'·40N., 1° 00'·08W.

Allonby Bay

54° 47'·24N., 3° 29'·29W.
54° 46'·08N., 3° 25'·97W.
54° 43'·89N., 3° 28'·85W.
54° 44'·26N., 3° 29'·91W.
54° 44'·33N., 3° 30'·86W.
54° 45'·28N., 3° 33'·01W.
54° 46'·48N., 3° 31'·50W.

North East of Farnes Deep

55° 51'·93N., 0° 46'·75W.
55° 52'·40N., 0° 27'·93W.
55° 38'·90N., 0° 26'·95W.
55° 38'·43N., 0° 45'·58W.

2. Management measures including byelaws will be notified by the Marine Management Organisation in due course.
3. Charts will be updated when full details are available.
(ETRS89 DATUM)

Charts affected - 268 - 1192 (INT 1506) - 1346 - 1407 (INT 1505) - 2013 - 2182A (INT 1043) - 2182B (INT 1042) - 2450 (INT 1703) - 2613 (INT 1705) - 2656 - 2675 (INT 1070) - 5500 - 5604_1 - 5605_1 - 5613_15 - 5615_2 - 5615_23

II

2410(T)/23 POLAND - Measuring instruments.

Source: Polish Notices 29-30/342(T)/22, 29-30/344(T)/22, 45/553(T)/22 and 10/111(T)/23

1. Measuring instruments have been established, positioned at regular intervals, extending the length of the Polish coastline between positions 53° 59'·00N., 14° 16'·68E. and 54° 27'·38N., 19° 29'·46E.
2. The instruments are located on the seabed and are situated up to 4NM seaward from the coast.
3. Additional measuring instruments have been established on the seabed in the following positions:

54° 29'·56N., 14° 47'·78E.

54° 20'·71N., 14° 51'·44E.

54° 18'·60N., 14° 36'·81E.

54° 12'·19N., 14° 55'·53E.

54° 23'·12N., 15° 06'·55E.

54° 46'·73N., 16° 47'·97E.

54° 57'·49N., 16° 59'·66E.

54° 50'·71N., 17° 18'·28E.

54° 53'·55N., 17° 48'·66E.

54° 51'·31N., 18° 37'·57E.

54° 26'·68N., 19° 01'·87E.

54° 30'·10N., 19° 32'·12E.

*54° 56'·86N., 16° 08'·14E.

*54° 58'·73N., 16° 12'·74E.

*55° 00'·59N., 16° 17'·34E.

*54° 56'·71N., 16° 17'·52E.

*54° 54'·84N., 16° 12'·92E.

*54° 52'·98N., 16° 08'·33E.

*54° 56'·78N., 16° 12'·83E.

*54° 58'·61N., 16° 17'·45E.

*54° 54'·85N., 16° 08'·24E.

4. Mariners are advised to navigate with caution in the area and to contact the University of Gdansk for the latest information regarding the location of the instruments.
5. *Former Notice 5106(T)/22 is cancelled.
*Indicates new or revised entry
(WGS84 DATUM)

Charts affected - 2014 (INT 1219) - 2015 (INT 1201) - 2018 (INT 1202) - 2040 (INT 1218) - 2288 - 2636 - 2677 (INT 1297) - 2679 - 2688 (INT 1288) - 2816

2453(T)/23 SWEDEN - East Coast - Works.

Source: Swedish Notice 967/17660(T)/23

1. Construction works are taking place in position 59° 45'·5N., 18° 43'·1E. at the pier in Norrtälje port.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Chart affected - 888 (INT 1776)

II

2488(T)/23 DENMARK - Islands - Restricted areas. Obstructions. Submarine pipeline.

Source: Danish Notices 17/395-396(T)/23

1. Due to obstructions on the seabed in connection with damage of the gas pipeline, restricted areas have been established within a distance of 1 nautical mile of the following positions:

55° 32'·12N., 15° 42'·17E.

55° 32'·02N., 15° 41'·96E.

and

54° 52'·62N., 15° 24'·52E.

2. Anchoring, fishing and seabed activities are not recommended in these areas.
3. Mariners are advised to navigate with caution.
(WGS84 DATUM)

Charts affected - 2014 (INT 1219) - 2018 (INT 1202) - 2816

II

2433(T)/23 NORTH SEA - Netherlands Sector - Measuring instruments. Buoyage.

Source: Netherlands HO

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

Position	Largest Scale Chart(s)
51° 42' .41N. , 3° 02' .08E.	110
51° 42' .30N. , 3° 04' .90E.	110
51° 23' .47N. , 4° 10' .00E.	120
51° 23' .61N. , 3° 55' .64E.	120
51° 24' .25N. , 3° 55' .67E.	120
51° 24' .74N. , 3° 55' .38E.	120
51° 55' .70N. , 3° 39' .80E.	122
55° 01' .41N. , 3° 41' .11E.	266
53° 37' .26N. , 6° 22' .12E.	1633
53° 37' .22N. , 6° 31' .33E.	1633
54° 11' .65N. , 5° 23' .12E.	1633
54° 11' .68N. , 5° 21' .88E.	1633
54° 12' .38N. , 5° 23' .17E.	1633
54° 12' .40N. , 5° 21' .93E.	1633
54° 16' .7N. , 5° 39' .4E.	DE50
54° 16' .7N. , 5° 38' .5E.	DE50
53° 34' .22N. , 6° 37' .95E.	DE90
51° 24' .46N. , 3° 34' .65E.	116
51° 24' .66N. , 3° 36' .71E.	116
51° 24' .55N. , 3° 35' .67E.	116
51° 24' .61N. , 3° 38' .18E.	116
51° 24' .67N. , 3° 37' .70E.	116
*51° 25' .55N. , 3° 24' .00E.	116
*51° 25' .49N. , 3° 24' .01E.	116
53° 20' .38N. , 4° 03' .66E.	1632
53° 20' .39N. , 4° 03' .76E.	1632
53° 20' .46N. , 4° 04' .66E.	1632
53° 20' .47N. , 4° 03' .76E.	1632
53° 22' .74N. , 3° 07' .85E.	1632
53° 22' .80N. , 3° 08' .49E.	1632
53° 22' .60N. , 3° 08' .08E.	1632
53° 52' .57N. , 3° 42' .58E.	1632
53° 53' .69N. , 3° 41' .06E.	1632
51° 28' .23N. , 3° 19' .76E.	1874
51° 28' .29N. , 3° 19' .76E.	1874

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

3. *Former Notice 2121(T)/23 is cancelled.

* Indicates new or revised entry
(WGS84 DATUM)

Charts affected - 110 (INT 1473) - 116 (INT 1477) - 120 (INT 1479) - 122 (INT 1472) - 128 (INT 1478) - 266 - 1632 (INT 1420) - 1633 (INT 1417) - 1874 (INT 1474) - DE 50 (INT 1045) - DE 90 (INT 1461)

II

2487(T)/23 NETHERLANDS - Restricted area.

Source: Netherlands Notice 26/201(T)/23

1. A restricted area, entry prohibited, has been established bounded by the following positions:

51° 58′.23N., 3° 59′.00E.

51° 58′.24N., 3° 59′.04E.

51° 58′.10N., 3° 59′.16E.

51° 58′.08N., 3° 59′.27E.

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

Chart affected - 207 (INT 1465)

2456(T)/23 PORTUGAL - West Coast - Buoy.

Source: Portuguese Notice 10/312(T)/2022

1. The starboard hand green lateral buoy, *Fl(2)G.3s2M No 3*, in position 41° 40′.85N., 8° 50′.24W. has been removed.
(WGS84 DATUM)

Chart affected - 3257 (INT 1870)

2478(T)/23 PORTUGAL - South Coast - Buoy.

Source: Portuguese Notice 10/315(T)/2022

1. The yellow spar buoy, *Fl.Y.3s M3*, in position 37° 05′.18N., 8° 34′.75W. is unlit.
(WGS84 DATUM)

Chart affected - 83

2486(T)/23 FRANCE - South Coast - Restricted area. Buoyage.

Source: French Notice 10/9(T)/23

1. A temporary restricted area has been created for the Mistral test site until 31st December 2023, bounded by the following positions:

43° 19′.03N., 4° 54′.60E.

43° 19′.20N., 4° 55′.02E.

43° 19′.21N., 4° 55′.25E.

43° 18′.83N., 4° 55′.39E.

43° 18′.71N., 4° 54′.72E.

2. Three lit buoys have been deployed in the area: a wave recorder buoy, a special purpose buoy and an ODAS buoy.
3. In this area, navigation, the anchoring of vessels and gear of any kind, as well as swimming and scuba diving are prohibited.
4. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Charts affected - 155 (INT 3192) - 2116

II

2468(T)/23 JAPAN - Seto Naikai - Works.

Source: Japanese Notice 26/5277(T)/23

1. Dredging works are taking place, until 30 September 2023, within areas bounded by the following positions:

34° 23' 15"N., 133° 48' 25"E.

34° 23' 04"N., 133° 48' 28"E.

34° 23' 00"N., 133° 48' 09"E.

34° 23' 12"N., 133° 48' 05"E.

and

34° 23' 13"N., 133° 48' 10"E.

34° 23' 01"N., 133° 48' 14"E.

34° 22' 58"N., 133° 47' 58"E.

34° 23' 10"N., 133° 47' 54"E.

and

34° 23' 05"N., 133° 48' 35"E.

34° 22' 55"N., 133° 48' 37"E.

34° 22' 52"N., 133° 48' 20"E.

34° 23' 01"N., 133° 48' 17"E.

(WGS84 DATUM)

Charts affected - JP 137B - JP 153

2425(P)/23 BRUNEI - Works. Buoyage.

Source: Brunei Notice 34/23

1. *Dredging and reclamation works are taking place in the areas bounded by the following positions:

4° 59'·92N., 115° 08'·00E.

5° 00'·79N., 115° 09'·18E.

5° 01'·82N., 115° 09'·91E.

5° 02'·85N., 115° 09'·91E.

5° 02'·86N., 115° 08'·61E.

5° 01'·37N., 115° 08'·61E.

5° 01'·39N., 115° 04'·82E.

5° 01'·24N., 115° 04'·67E.

and

4° 59'·60N., 115° 05'·08E.

4° 59'·16N., 115° 05'·08E.

4° 59'·16N., 115° 07'·22E.

4° 59'·59N., 115° 07'·22E.

2. Lit special buoys have been established around the limits of the restricted area.

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

4. *Former Notice 4404(P)/21 is cancelled.

5. *Indicates new or revised entry

(WGS84 DATUM)

Charts affected - 1844 - 2134

II

2481(T)/23 PHILIPPINE ISLANDS - Luzon - Works. Dredging area. Reclamation area.

Source: NAMRIA NAVPHIL 339/22

1. Dredging and reclamation works are taking place, until Dec 2023, in an area bounded by the following positions:

15° 03'·57N., 120° 03'·21E.

15° 03'·48N., 120° 02'·34E.

15° 06'·43N., 120° 02'·18E.

15° 06'·16N., 120° 03'·13E.

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

(WGS84 DATUM)

Chart affected - 4492

2429(T)/23 AUSTRALIA - Victoria - Scientific instruments.

Source: Australian Notice 13/542(T)/23

1. Subsurface scientific instruments, 20m below the surface, exist in the following positions:

38° 45'·2S., 147° 05'·6E.

38° 50'·97S., 147° 17'·50E.

38° 55'·82S., 146° 49'·99E.

39° 03'·6S., 147° 39'·1E.

39° 21'·72S., 146° 58'·00E.

2. Former Notice 1517(T)/23 is cancelled.

(WGS84 DATUM)

Charts affected - 4644 (INT 644) - Aus 357 - Aus 802

2415(T)/23 COLOMBIA - Caribbean Sea Coast - Virtual aids to navigation.

Source: Colombian Notices 305(T)/22, 65/23, 72/23, 73(T)/23 and 77(T)/23

1. Virtual aids to navigation (V-AIS), have been established in the following positions:

Designation

12A

*20A

*22A

*24A

Position

11° 02'·03N., 74° 48'·32W.

11° 00'·94N., 74° 46'·65W.

11° 00'·73N., 74° 46'·34W.

11° 00'·56N., 74° 46'·20W.

2. *Former Notice 5014(T)/22 is cancelled.

*Indicates new or revised entry

(WGS84 DATUM)

Chart affected - 2261

II

2435(T)/23 GUYANA - Restricted area. Buoyage.

Source: Maritime Administration Department of Guyana Notice 89/23

1. A restricted area, entry prohibited, has been established bounded by the following positions:

6° 49′.58N., 58° 12′.63W.
6° 51′.24N., 58° 11′.45W.
6° 51′.31N., 58° 11′.56W.
6° 55′.40N., 58° 08′.63W.
6° 58′.13N., 58° 08′.63W.
7° 01′.19N., 58° 09′.66W.
7° 06′.92N., 58° 05′.54W.
7° 04′.50N., 58° 02′.17W.
7° 04′.82N., 58° 01′.94W.
7° 09′.81N., 57° 40′.19W.
7° 09′.18N., 57° 39′.52W.
7° 04′.28N., 58° 01′.19W.
7° 03′.97N., 58° 01′.42W.
7° 03′.76N., 58° 01′.13W.
6° 58′.03N., 58° 05′.24W.
6° 56′.80N., 58° 06′.79W.
6° 49′.27N., 58° 12′.19W.

2. A Northern Transiting Corridor has been established between the following positions, it is marked by lateral buoys:

6° 59′.20N., 58° 09′.19W.
6° 56′.95N., 58° 06′.01W.

3. A Southern Transiting Corridor has been established between the following positions, it is marked by lateral buoys:

6° 52′.59N., 58° 11′.16W.
6° 51′.66N., 58° 09′.81W.

(WGS84 DATUM)

Charts affected - 527 - 537 - 572 - 2687

2411(T)/23 CANADA - Saint Lawrence River - Restricted areas.

Source: Canadian Notice 4/408/23

1. To prevent collision with Beluga whales the following temporary restrictions are in place.
2. *A compulsory speed reduction is in force up to the 31st of October 2023 in the mouth of the Saguenay Fjord. All vessels, excluding cargo vessels, must not exceed 15 knots within an area enclosed by the following limits:

48° 08′.91N., 69° 39′.99W.
48° 08′.87N., 69° 39′.93W.
48° 07′.50N., 69° 40′.25W.
48° 07′.18N., 69° 40′.47W.
48° 06′.45N., 69° 41′.00W.
and
48° 06′.42N., 69° 41′.06W.
48° 05′.87N., 69° 42′.40W.
and
48° 07′.58N., 69° 43′.75W.
48° 08′.35N., 69° 43′.58W.
48° 08′.36N., 69° 43′.57W.

3. *Entry is prohibited up to the 21st of September 2023 into Baie Sainte-Marguerite to all vessels North East of a line joining the following positions:

48° 14′.41N., 69° 57′.29W.
48° 15′.36N., 69° 59′.32W.

II

2411(T)/23 CANADA - Saint Lawrence River - Restricted areas. (continued)

4. *A voluntary Transit area will be established up to the 21st of September 2023 enclosed by the following limits:

48° 14'·41N., 69° 57'·29W.

48° 13'·99N., 69° 57'·71W.

48° 14'·94N., 69° 59'·73W.

48° 15'·36N., 69° 59'·32W.

5. Navigation in this area is recommended at a speed of between 5 and 10 knots without stopping.
6. For more online information concerning regulations, consult marinepark.ca/protect/#regulations.
7. *Former Notice 2819(T)/22 is cancelled.
*Indicates new or revised entry
(NAD83 DATUM)

Charts affected - 4779 - 4782

2413(T)/23 CANADA - Saint Lawrence River - Restricted areas. Area to be avoided.

Source: Canadian Notice 4/407/23

1. To prevent collision with endangered and other species of whales, the following temporary areas have been established, with voluntary restrictions in place.
2. The restrictions apply to merchant vessels and cruise ships, with measures only to be taken when they will not jeopardise navigational safety.
3. Area to be avoided, bounded by the following positions:

48° 22'·55N., 69° 22'·03W.

48° 20'·94N., 69° 19'·92W.

48° 31'·38N., 69° 02'·62W.

48° 33'·34N., 69° 07'·46W.

4. Vessels should avoid transiting through this area to reduce noise and risk of whale collisions. If the area cannot be avoided, vessels should slow to a speed of 10 knots or less.
5. Speed reduction area, bounded by the following positions:

48° 22'·55N., 69° 22'·03W.

48° 20'·94N., 69° 19'·92W.

48° 19'·49N., 69° 22'·29W.

48° 15'·92N., 69° 26'·99W.

48° 12'·15N., 69° 33'·42W.

48° 10'·00N., 69° 29'·71W.

48° 12'·69N., 69° 24'·66W.

48° 13'·21N., 69° 22'·04W.

48° 11'·12N., 69° 24'·36W.

48° 06'·88N., 69° 31'·05W.

48° 05'·63N., 69° 33'·98W.

48° 06'·49N., 69° 36'·86W.

48° 09'·40N., 69° 38'·82W.

6. Vessels should slow down to 10 knots or less when transiting this area and post a lookout. It is further recommended for vessels to remain in the Laurentian Channel to the north of Île Rouge to minimise the impact of noise to the whales.
7. Outside of those areas' whales can be present, a heightened vigilance is critical and posting a lookout is recommended to avoid whale collisions. If bypassing the whales is not possible, slow down and wait for the animals to move away to a distance greater than 400m before resuming original speed.
8. *The restrictions are in effect until 31st of October 2023.

II

2413(T)/23 CANADA - Saint Lawrence River - Restricted areas. Area to be avoided. (continued)

9. *For more information, please see Canadian Notice to Mariners bulletin 4/23, Eastern Edition, dated 28th April 2023, Notice 407/23. This can be accessed at <https://www.notmar.gc.ca/monthly-mensuel-en.php>.
10. *Former Notice 2683(T)/22 is cancelled.
 - *Indicates new or revised entry
 - (NAD83 DATUM)

Charts affected - 4777 - 4779 - 4782

To accompany Notice to Mariners 2402/23

On Chart 2883

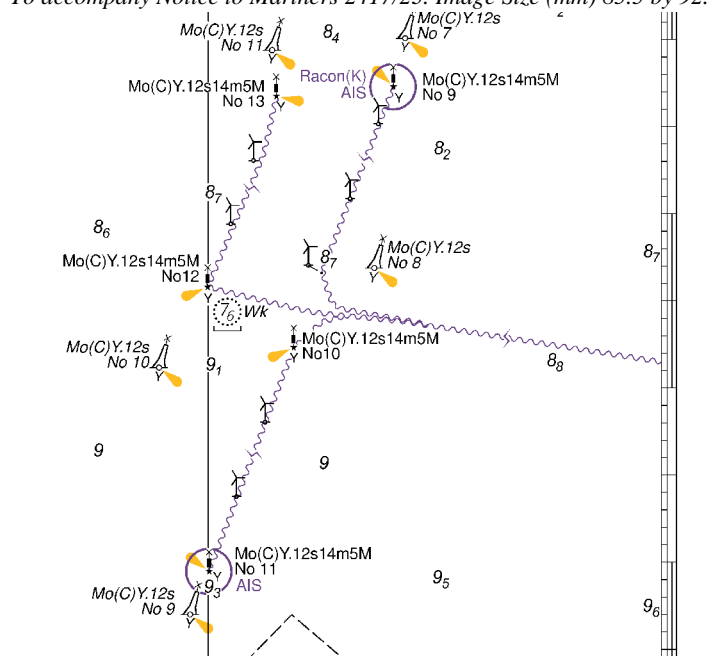
RESTRICTED AREAS
Fishing vessels are permitted to enter the
Restricted area.

To accompany Notice to Mariners 2402/23

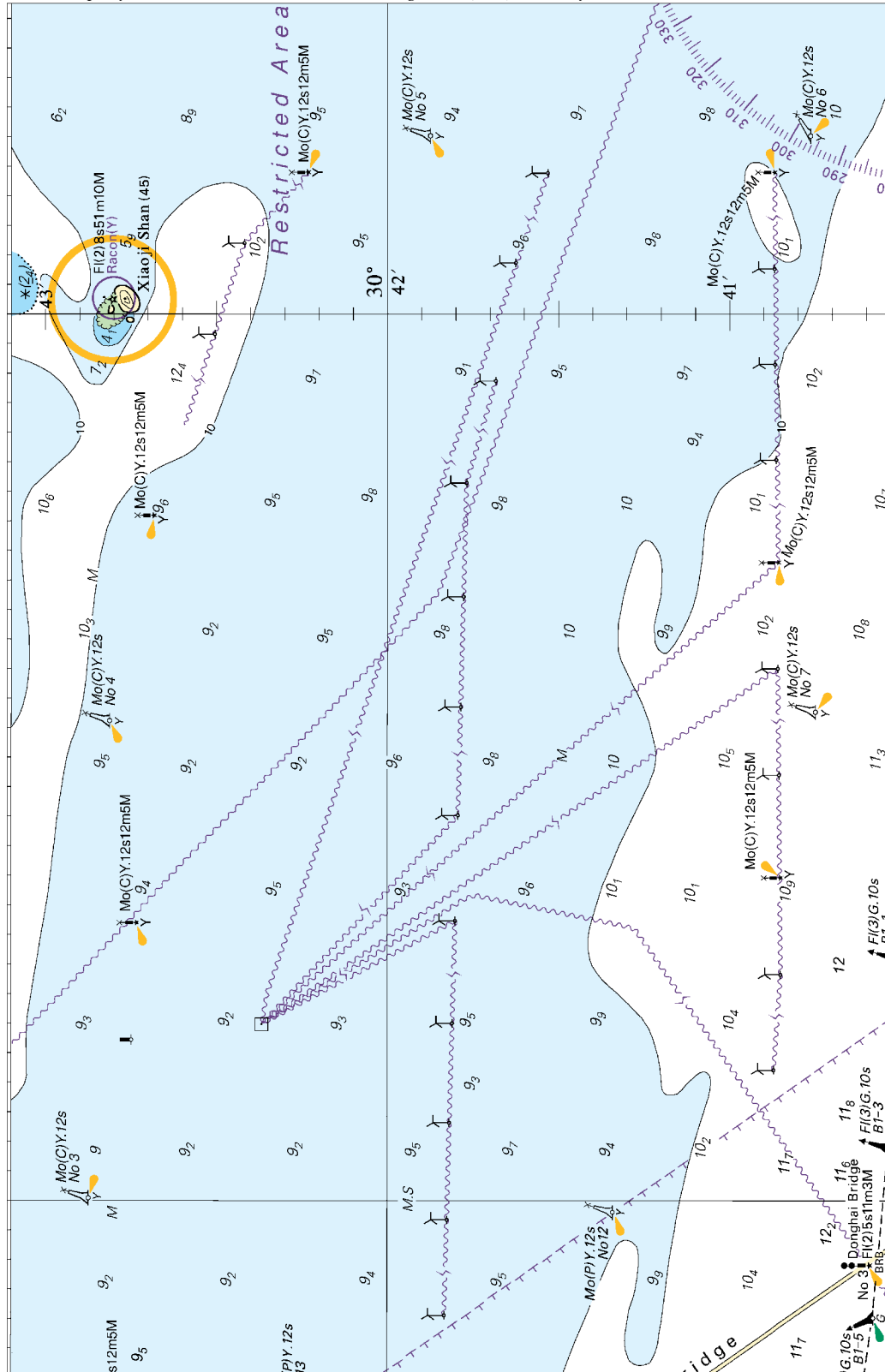
On Chart 2886

RESTRICTED AREAS
Fishing vessels are permitted to enter the
Restricted area.

To accompany Notice to Mariners 2417/23. Image Size (mm) 85.5 by 92.6

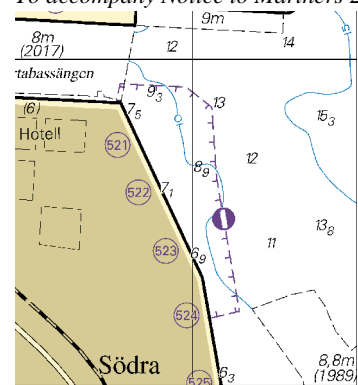


Block for Chart No 1143



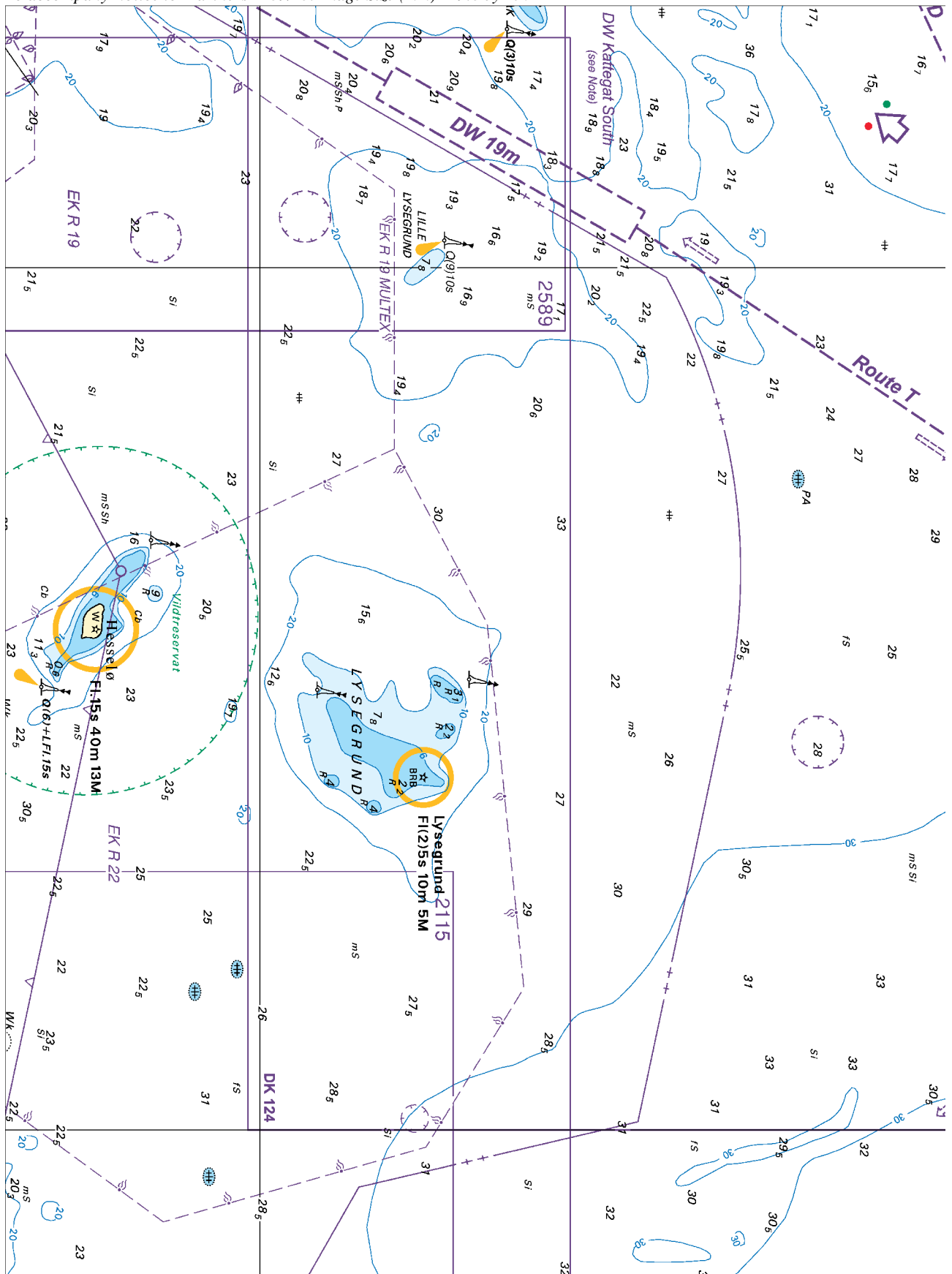
Block for Chart No 1144

To accompany Notice to Mariners 2426/23. Image Size (mm) 49.4 by 45.1

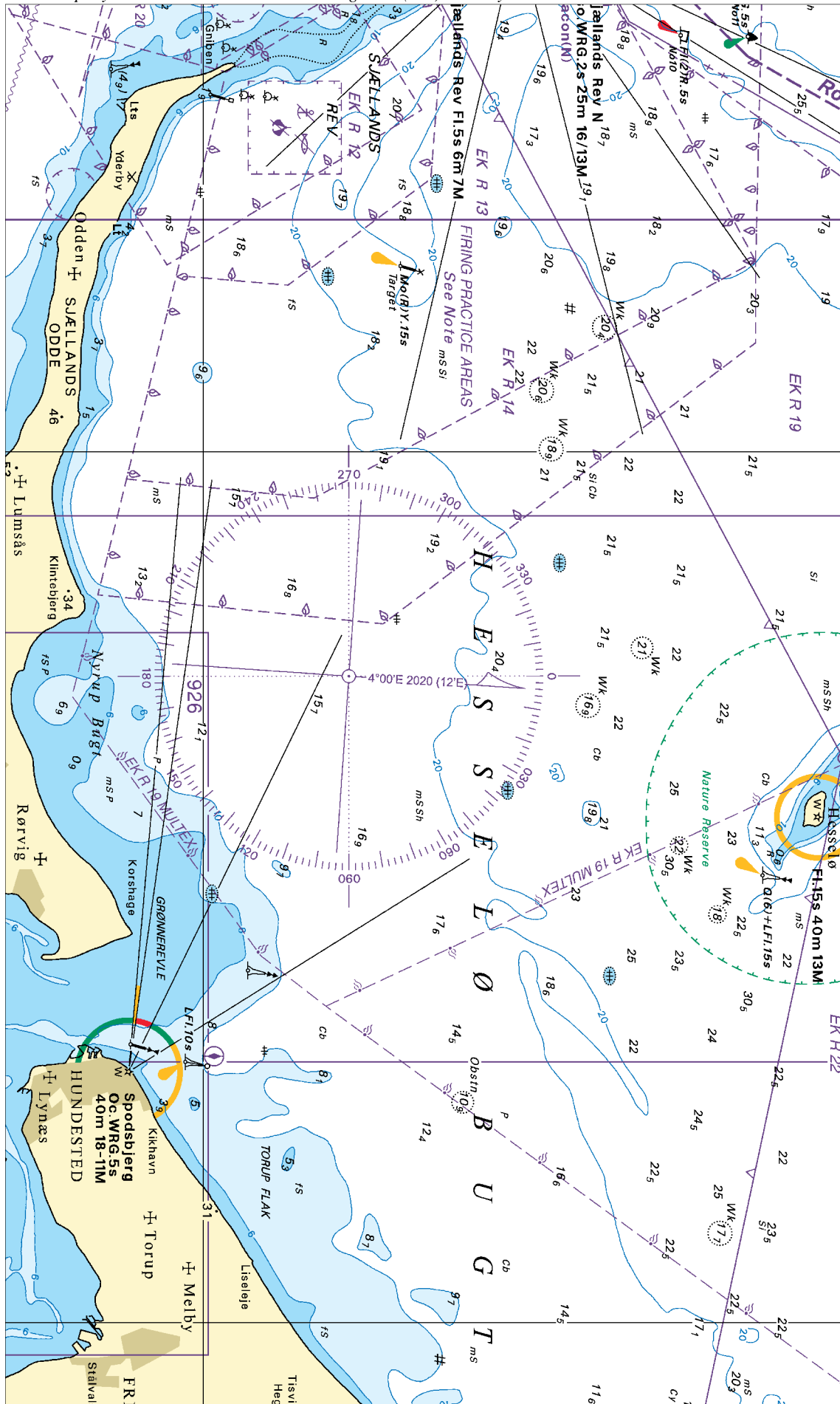


Block for Chart No 811

To accompany Notice to Mariners 2439/23. Image Size (mm) 229.8 by 170

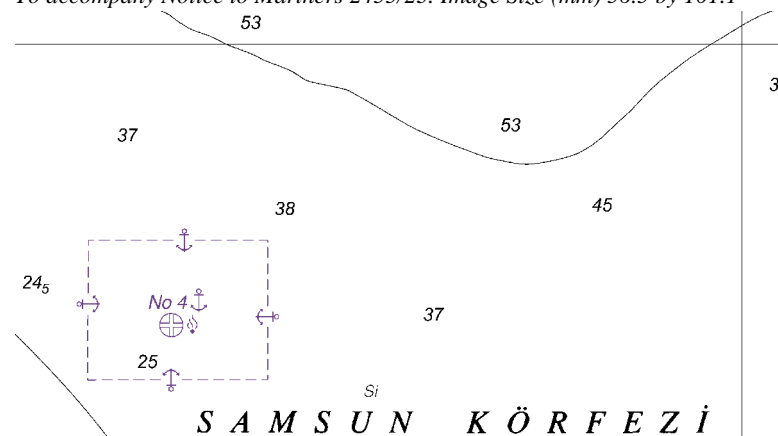


Block A for Chart No 2108



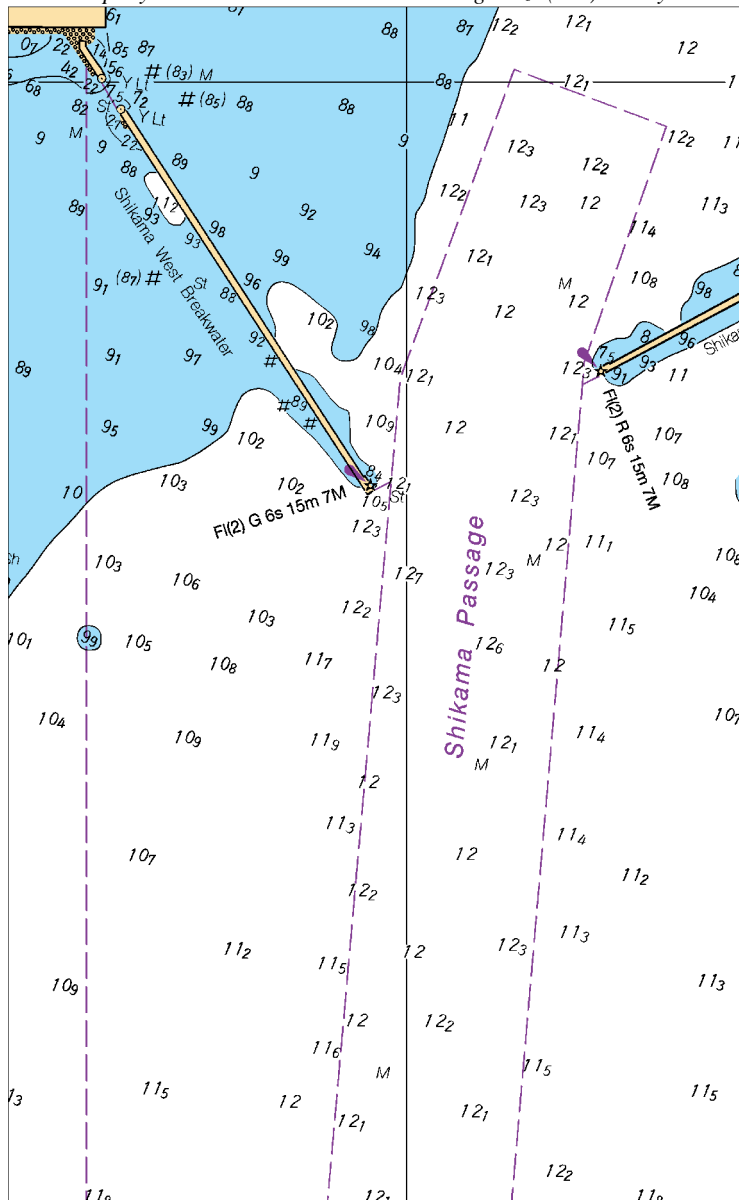
Block B for Chart No 2108

To accompany Notice to Mariners 2455/23. Image Size (mm) 56.5 by 101.1



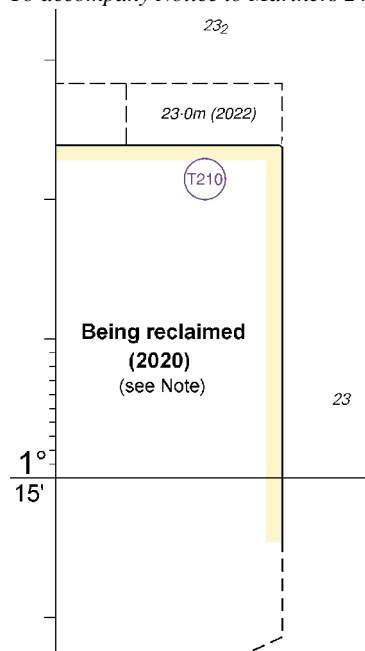
Block for Chart No 1274

To accompany Notice to Mariners 2461/23. Image Size (mm) 158 by 97



Block for Chart No JP134B

To accompany Notice to Mariners 2473/23. Image Size (mm) 84.9 by 46.9



Block for Chart No 4031

To accompany Notice to Mariners 2475/23. Image Size (mm) 109.5 by 76.9

vik

Note 110

GENERAL INFORMATION FOR THE SOTE CANAL

Bridge opening:
Before entering the canal, call Sotenäs bridge on VHF ch 6 or give following blasts 0.5 M from the bridge:
Northbound: 2 long and 1 short (– – •)
Southbound: 2 long and 2 short (– – • •)

Bridgesignals:
F R Bridge closed or unclear.
F I R Signal acknowledged, stand by.
F G Bridge open, proceed.

Attention and reply signals:
Northbound: 1 long and 1 short (– •)
Southbound: 1 short and 1 long (• –)

Sailing is prohibited in the Sote canal.
Contact information, visit www.sjofartsverket.se

ALLMÄN INFORMATION FÖR SOTEKANALEN

Broöppning:
Före ingång i kanalen anropas Sotenäsbron på VHF kanal 6 eller avge följande ljudsignal 0,5 M från bron:
Nordgående: 2 långa och 1 kort (– – •)
Sydgående: 2 långa och 2 korta (– – • •)

Brosignaler:
F R Bron stängd eller förbud att passera.
F I R Signal från fartyg uppfattad, avvakta.
F G Bron öppen, passera.

Lystrings- och svarssignaler:
Nordgående: 1 lång och 1 kort (– •)
Sydgående: 1 kort och 1 lång (• –)

Förbud mot segelföring gäller hela kanalen.
Kontaktuppgifter, besök www.sjofartsverket.se

Note 157

CHAINS BETWEEN PONTOONS

Block for Chart No 869

III

NAVIGATIONAL WARNINGS

See *The Mariner's Handbook (2020 Edition)*. Only the most convenient ADMIRALTY Chart is quoted. All warnings issued within the previous 42 days are broadcast via 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 www.admiralty.co.uk/RNW. Additionally, a quarterly cumulative list of the complete text of all in-force NAVAREA I Warnings is included in Section III of the Weekly NM Bulletin in Weeks 1, 13, 26 and 39 each year.

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

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 29 published on the UKHO website 10 Jul 23.

Navarea I (NE Atlantic) *Weekly Edition 29*

The following NAVAREA I warnings were in force at 100500 UTC Jul 23.

2023 series: 089, 094, 096, 103, 106, 127, 128, 131.

Summary of Navarea I warnings issued since Weekly Edition 28:

125 Canceled. Cancel 084/23.

126 Canceled. Cancel 099/23.

127 1. Navarea I warnings in force at 071000 UTC Jul 23. 2. Cancel 123/23.

128 NORWAY.
ISPS ANNOUNCEMENT.
1. The Maritime Security Level is set from Level 2 to Level 1 in the following Norwegian port:
NOMON-0001, Equinor Mongstad.

The following Norwegian port facilities are still at ISPS Security Level 2:

NOKAS-0059, Kaarstoe Gas Processing Plant.

NOTBO-0001, Tjelbergodden Port.

NOMLK-0001, Hammerfest LNG Melkoyea.

NOAUK-0002, Nyhamna Gas Plant.

NOAVE-0001, Norsesea Vestbase Averoy.

NOSLA-0002, Norsesea Tananger.

NOKSU-0014, Norsesea Vestbase Kristiansund.

NOSSJ-0007, Helgeland Base.

NOTAE-0002, Conoco Phillips Base Tananger.

NOSLA-0003, Offshore Terminal.

NOHAU-0003, Killingoey Subsea and Offshore Base.

Ships calling at these facilities shall respond without delay to this change in security level.

2. Cancel NAVAREA I 111/23.

129 Canceled.

130 Canceled. Cancel 129/23.

131 1. RIGLIST. Correct at 100500 UTC Jul 23.

Southern North Sea: 51N to 55N

52-15.5N 004-05.1E JB-115 ACP HZB

53-14.0N 003-14.5E 590021 ACP Allseas Test

53-14.5N 001-26.9E Shelf Drilling Perseverance (ex Noble Hans Deul) ACP Blythe

53-21.9N 001-39.1E Well Safe Protector ACP Anglia Gas Field

53-32.5N 003-25.4E Seafox 4 ACP K8-FA-3

NEW 53-41.9N 003-44.9E Noble Resolute ACP K6-N

53-47.2N 006-17.0E Valaris 123

53-48.2N 001-12.5E Haeva ACP Hoton Gas Field

NEW Dundee Valaris Norway

53-58.7N 006-55.1E Seafox 2 ACP DolWin beta

53-59.7N 006-25.3E Seafox 7 ACP DolWin gamma

NEW 54-02.5N 000-23.5E Valaris 121

54-04.4N 000-54.9E Valaris 247 ACP Ravenspurn South Gas Field

54-05.0N 000-49.5E Erda ACP Ravenspurn South Gas Field

III

	54-07.0N	004-00.7E	Swift 10 ACP F16-A
	54-13.2N	003-59.6E	Prospector 1
	54-14.7N	002-09.2E	Ensco 92 ACP Boulton Gas Field
	54-35.7N	000-26.0E	Noble Resilient (ex Maersk) ACP Breagh Gas Field
	North Sea: 55N to 60N, East of 5W		
	55-28.8N	005-06.4E	Noble Reacher (ex Maersk) ACP Dan Oil Field
	55-32.2N	005-01.9E	Shelf Drilling Winner (ex Noble Sam Turner) ACP Halfdan Oil Field
NEW	56-05.8N	004-13.3E	Noble Resolve ACP Syd Arne Gas Field
	56-10.6N	003-27.6E	Noble Integrator (ex Maersk) ACP Hod Oil Field
	56-23.5N	002-53.5E	Linus
	56-25.4N	003-13.6E	West Elara ACP Eldfisk Oil Field
	56-35.0N	002-28.5E	Valaris 120
	57-02.0N	001-56.6E	Valaris 122 ACP 22/30b-A,C
	57-09.1N	001-40.5E	Valaris Gorilla VI
	57-10.3N	001-27.1E	Noble Innovator
	57-38.2N	001-40.3E	Stena Spey
	57-48.9N	004-32.0E	Maersk Inspirer ACP YME Oil Field
	57-50.7N	000-54.7W	COSL Innovator
	57-57.3N	001-13.7E	Well Safe Defender
	57-58.1N	000-53.6E	Paul B Loyd Jr
	58-18.5N	001-41.4W	COSL Pioneer
	58-34.3N	001-41.8E	Noble Lloyd Noble ACP Gina Krog
	58-50.6N	002-14.9E	Noble Invincible (ex Maersk) ACP Edvard Grieg
	58-52.8N	002-29.2E	Deepsea Atlantic
	59-14.3N	002-26.9E	West Phoenix
	59-15.8N	002-37.3E	Deepsea Aberdeen
	59-31.3N	002-02.2E	Deepsea Nordkapp
	Norwegian Sea: 60N to 65N, East of 5W		
	60-17.9N	002-44.2E	Askepott
	60-19.9N	004-05.8W	Ocean Greatwhite
	61-01.2N	003-09.7E	Deepsea Yantai
	61-03.3N	002-02.0E	Askeladden
	61-04.9N	003-25.4E	Deepsea Stavanger
NEW	61-10.1N	001-48.5E	Stena Don
NEW	NAVAREA XIX		Transocean Norge
	61-18.0N	002-21.6E	Transocean Spitsbergen
	61-20.4N	001-59.9E	COSL Promoter
	61-26.0N	002-35.2E	Transocean Enabler
	61-36.8N	001-32.9E	Ocean Endeavor
	64-16.0N	005-15.6E	Scarabeo 8
NEW	64-19.4N	007-41.8E	Transocean Endurance
	South and West Coasts of the British Isles		
	53-38.8N	003-28.7W	Irish Sea Pioneer ACP Hamilton North Gas Field

NOTES:

- A. Rigs are protected by a 500 metre safety zone.
- B. ACP - Adjacent to Charted Platform.
- C. For Rigs located North of 65N, East of 5W, refer to Navarea XIX Warnings or visit www.navarea-xix.no

2. Cancel 124/23.

UPDATES TO ADMIRALTY SAILING DIRECTIONS

NP18 Baltic Pilot Volume 1 (2022 Edition)

Denmark - Kattegat - Horsens — Basins and berths

251

Paragraph 7.132 *1* line(s) 3-6 *Replace by:*

Berth No 5, length 120 m, depth 6.3 m.
Berth Nos 9 to 11, depth 6.3 m.
Berth No 15, T-shaped oil jetty, maximum length
150 m, depth 6.3 m.

Caution. A bathing facility (55°51'52N 9°51'73E) is situated close W of berth No 9.

Danish Notice 18/336/22; ENC DK5HORSN (12.000)
[NP18-No 29-Wk 29/23]

Denmark - Kattegat - Endelave Havn and approaches — Marine reserve

252

Paragraph 7.136 *2* line(s) 4-6 *Replace by:*

Prohibited area. Entry is prohibited into a marine reserve surrounding Møllegrund (55°46'45N 10°13'73E).

Danish Notice 18/328/22 [NP18-No 30-Wk 29/23]

NP30 China Sea Pilot Volume 1 (2021 Edition)

China - Zhujiang Kou - Shenzhen — Directions for entering harbour

307

Paragraph 8.340 including heading *Replace by:*

Spare 8.340

After Paragraph 8.341 *Insert:*

Mawan 8.341a

1 See 8.366.

Dachanwan 8.341b

1 From a position within the precautionary area (22°29'56N 113°51'45E) at Mawan, the track leads N, through a fairway marked by light buoys (lateral), for about 1½ miles and thence as required for berthing.

UKHO [NP30-No 170-Wk 29/23]

China - Zhujiang Kou - Shenzhen to Shanban Zhou — Directions; depths

309

Paragraph 8.357 *1* lines 1-5 *Replace by:*

1 From the precautionary area (22°26'59N 113°52'91E), at Shenzhen, the route leads NNW for 20 miles, through the two-way fairway, Dachan Shuidao, Fanshi Shuidao and Longxue Shuidao to a position E of Shanban Zhou (22°43'03N 113°39'46E).

Paragraph 8.359 *1* line 1 *Replace by:*

1 Depths are changeable and the Port Authority should be contacted for the latest information.

Paragraph 8.366 *1* lines 1-7 *Replace by:*

1 From the precautionary area (22°26'59N 113°52'91E) at Shenzhen, the track leads NNW through the two-way fairway, passing between the berths and the anchorages, to a position within the precautionary area (22°29'56N 113°51'45E) at Mawan, ESE of Ma Zhou.

(Directions are given for Dachanwan at 8.341b)

Paragraph 8.367 *1-4* including existing Section IV Wk 51/22 *Replace by:*

1 From the above position, the track leads NW through Dachan Shuidao (8.357), marked by light buoys (lateral), passing:

Between Ma Zhou and Dachan Dao (22°30'67N 113°50'79E), thence:

SW of a shoal (22°31'68N 113°49'51E), marked by light buoys (cardinal), thence:

2 SW of Xiya Dao (22°32'84N 113°49'13E), from where Xiya Light (white pile, 8 m in height) is exhibited.

Thence the track leads NNW, for about 5 miles, through Fanshi Shuidao, a channel marked by light buoys (lateral), keeping clear of numerous charted wrecks, passing:

WSW of No 1 Light Buoy (safe water) (22°32'97N 113°48'16E), thence:

Beneath Shenzhen Zhongshan Bridge (8.352).

Thence the track continues NNW, through Longxue Shuidao, passing:

3 ENE of a light buoy (isolated danger) (22°37'56N 113°43'40E), thence:

WSW of No 5 Light Buoy (W cardinal) (22°41'24N 113°43'14E), thence:

ENE of No 49 Light Buoy (starboard hand) (22°41'56N 113°40'98E), thence:

4 WSW of F15 Light Buoy (W cardinal) (22°42'44N 113°41'95E), and:

ENE of Nos 51 and 52 Light Buoys (lateral) (22°42'41N 113°40'76E).

The track then continues to a position in the fairway E of Shanban Zhou (22°43'03N 113°39'46E) (8.365) from where a light (8.365) is exhibited.

(Directions continue at 8.389)

UKHO [NP30-No 171-Wk 29/23]

NP40 Irish Coast Pilot (2019 Edition)**Northern Ireland – Port of Belfast —
Arrival information; VTS****206**Paragraph 7.85 *1* *Replace by:*

- 1* Vessel movements are controlled by Belfast Port Control (calling Belfast VTS). For further details and requirements for arrival and departure reports see *ADMIRALTY List of Radio Signals Volume 6(1)*.

Corr. Belfast Harbour 01/11/22

[NP40-No 53-Wk 29/23]**NP45 Mediterranean Pilot Volume 1
(2021 Edition)****Algeria - Golfe d'Annaba - Annaba —
Limiting conditions; controlling depths****255**Paragraph 6.299 *1* lines 1–3 *Replace by:*

- 1* **Controlling depths.** Depths in the approaches and mid-channel through the harbour entrance are generally more than 12 m.
Contact the local authority for the latest information on depths.

Algerian Chart 104 (2023)

[NP45-No 103-Wk 29/23]**Algeria - Golfe d'Annaba - Annaba —
Harbour; seaplane operating area****256**Paragraph 6.301 *2* lines 1–2 *Delete*

Algerian Chart 104 (2023)

[NP45-No 104-Wk 29/23]**Italy - Sicilia - Capo Molini to Cabo Santa Croce
— Prohibited area; wrecks****402***After* Paragraph 13.8 *2* *Insert:*

Within 100 m of historic wrecks (37°23'·91N
15°08'·68E and 37°16'·97N 15°13'·66E).

Italian Notice 7/7.9; 7.30/23

[P45-No 102-Wk 29/23]**NP46 Mediterranean Pilot Volume 2
(2022 Edition)****Italy – Sardegna – Golfo di Marinella —
Anchorage; wreck****287***After* Paragraph 10.94 *2* line 9 *Insert:*

Caution. A wreck (41°01'·57N 9°34'·79E) lies close ENE of the anchorage.

Italian Notice 8/8.5/23

[NP46-No 10-Wk 29/23]**Italy - West coast - Terracina —
Traffic regulations; wreck****320***After* Paragraph 12.55 *2* line 5 *Insert:*

Within 200 m of a historic wreck (41°16'·22N
13°14'·09E).

Italian Notice 8/8.6; 8.12/23

[NP46-No 11-Wk 29/23]**NP47 Mediterranean Pilot Volume 3
(2020 Edition)****Italy - Adriatic Sea -
Punta San Cataldo to Brindisi —
Directions; aero light****454**Paragraph 11.44 *3* lines 7–8 *Delete*

Italian Notice 9/9.8/23

[NP47-No 127-Wk 29/23]**Italy - Adriatic Sea - Brindisi —
Directions for entering harbour; aero light;
photograph****455**

Brindisi - Casale Aero Light photograph caption line 1
Replace by:

Le Pedagne Lighthouse from south (11.64)

UKHO

[NP47-No 128-Wk 29/23]**Italy - Adriatic Sea - Brindisi —
Limiting conditions; vertical clearance;
air draught****455**Paragraph 11.51 *Replace by:*

- 1* **Air draught.** Due to its close proximity to the airfield and constant aircraft operations, the maximum air draught for all vessels within the inner, middle and outer ports of Brindisi is generally 49 m. A maximum air draught of 41 m applies to all vessels operating within an area centred on 40°38'·90N 17°57'·57E.

Vessels with an air draught greater than 50 m inbound for a berth in Porto Esterno should contact the local authority for instructions.

Italian Notices 9/9.8; 9.20/23

[NP47-No 129-Wk 29/23]

**Italy - Adriatic Sea - Brindisi —
Arrival information; port operations**

455

Paragraph 11.53 ¹ including heading *Replace by:*

**Port operations
11.53**

- ¹ Berthing/unberthing restrictions are in force based on the allocated berth, type and size of vessel, time of the day and weather conditions. Contact the Port Authority for details.

**Vessel traffic service
11.53a**

- ¹ A VTS scheme is in operation for the control of shipping. See *ADMIRALTY List of Radio Signals Volume 6(3)*.

Italian Notice 9/9.23/23 [NP47-No 130-Wk 29/23]

**Italy - Adriatic Sea - Brindisi —
Arrival information; tugs**

456

Paragraph 11.56 ¹ *Replace by:*

- ¹ Tugs are available and their assistance may be mandatory based on the allocated berth, type and size of vessel, time of the day and weather conditions. Contact the Port Authority for details.

Italian Notice 9/9.23/23 [NP47-No 131-Wk 29/23]

**Italy - Adriatic Sea - Brindisi —
Arrival information; traffic regulations**

456

Paragraph 11.57 ³⁻⁴ *Replace by:*

- ³ Military firing and exercise areas lie close S of the TSS.

Anchoring is prohibited within the area enclosing the limits of the TSS.

Access to the Italian Naval Station on the S side of Seno di Ponente (40°38'52N 17°56'33E) is prohibited for any vessel without prior authorisation from the Brindisi Naval Station.

Prohibited areas. Due to unexploded ordnance, entry is prohibited to an area centred on 40°39'86N 17°59'59E.

Entry is prohibited into an area centred on 40°39'05N 17°57'40E.

- ⁴ **Speed limits** of 15 and 20 kn are in force for all vessels in the inbound and the outbound TSS lanes respectively.

Italian Notice 9/9.8/23 [NP47-No 132-Wk 29/23]

**Italy - Adriatic Sea - Brindisi —
Arrival information;
regulations concerning entry; air draught**

456

After Paragraph 11.58 ² line 7 Insert:

Vessels with air draught of more than 41 m are to contact Brindisi VTS (11.53a) prior to transit through Porto Medio (11.69). See also 11.51.

Italian Notice 9/9.8; 9.20/23 [NP47-No 133-Wk 29/23]

**Italy - Adriatic Sea - Brindisi —
Directions for entering harbour; aero light**

457

Paragraph 11.64 ⁴ lines 6-7 *Delete*

Italian Notice 9/9.8/23 [NP47-No 134-Wk 29/23]

**Italy - Adriatic Sea - Brindisi —
Directions for entering harbour; useful marks**

457

After Paragraph 11.66 ² line 3 Insert:

Aero light (mast, 10 m in height) (40°39'08N 17°56'72E).

Italian Notice 9/9.8/23 [NP47-No 135-Wk 29/23]

**Italy - Adriatic Sea - Brindisi —
Basins and berths**

457

Paragraph 11.67 ¹ including heading *Replace by:*

**Anchorage and moorings
11.67**

- ¹ A number of mooring buoys are laid in Porto Medio and Porto Interno-Seno di Ponente.

In the N part of Porto Medio small vessels may anchor in the central part of Seno di Bocca di Puglia (40°39'52N 17°57'92E), an inlet on the W side of Isola Sant'Andrea, in depths of about 10 m, mud and good holding ground.

Italian Notices 9/9.11; 9.21/23 [NP47-No 114-Wk 29/23]

**Italy - Adriatic Sea - Brindisi - Porto Esterno —
Berths**

457

Paragraph 11.68 *Replace by:*

- ¹ **Oil terminal** (40°39'·26N 17°59'·25E). Two submarine pipelines extend 5 cables NW from the shore, forming the oil terminal. Their direction is indicated by two beacons (black and white stripes, 160 m apart), in line bearing 143°, exhibited from the shore 2 cables SW of Capo Bianco.

Diga di Punta Riso (40°39'·795N 17°59'·404E). No 36 is 800 m in length; authorised draughts range from 18 to 25 m.

- ² **Molo Versalis** (40°38'·92N 17°59'·01E) consists of three berths. No 35, the largest berth, can accommodate a vessel up to 150 m LOA and 9·15 m draught; dangerous cargo. Contact the Port Authority for further details.

Banchina Costa Morena Est (40°38'·92N 17°58'·46E) has three berths for a total length of 500 m; vessels between 150 and 225 LOA can be accommodated; maximum draughts range between 8·5 and 11·2 m. Contact the Port Authority for further details.

- ³ **Banchina Costa Morena Nord** (40°39'·03N 17°58'·27E) has three berths for a total length of 400 m; vessels between 120 and 225 m can be accommodated; maximum draughts range between 10 and 11 m. Contact the Port Authority for further details.

Italian Notices 9/9.11; 9.12; 9.21/23

[NP47-No 115-Wk 29/33]

**Italy - Adriatic Sea - Brindisi - Porto Medio —
Berths**

457-458

Paragraph 11.69 *Replace by:*

- ¹ **Banchina Costa Morena Diga** (40°38'·86N 17°58'·19E) has two coal berths for a total length of 525 m; vessels between 150 and 185 m can be accommodated; maximum draught 12·19 m. Contact the Port Authority for further details.

Banchina Costa Morena Riva (40°38'·71N 17°58'·13E). No 24 is 300 m in length and can accommodate vessels between 150 and 230 m LOA; maximum draught 12·19 m. Contact the Port Authority for further details.

Banchina Nuovo Sporgente di Costa Morena (40°38'·78N 17°57'·99E). No 22 is 350 m in length and can accommodate gas carriers up to 150 m LOA; maximum draught 12·19 m. Contact the Port Authority for further details.

- ² **Banchina Prolungamento Nuovo Sporgente di Costa Morena** (40°38'·84N 17°57'·78E) has four berths. Nos 20 and 21 have a total length of 245 m and can accommodate vessels up to 12·5 m draught.

Nos 19a and 19b have total length of 255 m and can accommodate ferries and RoRo vessels up to 250 LOA and 12·5 m draught. Contact the Port Authority for further details.

Italian Notices 9/9.9; 9.12; 9.22/23

[NP47-No 116-Wk 29/33]

**Italy - Adriatic Sea - Brindisi - Porto Interno —
Berths**

458

Paragraph 11.70 *Replace by:*

- ¹ **Banchina Montecatini** (40°38'·48N 17°57'·08E). No 14 is 390 m in length; maximum draught 10·5 m. Contact the local authority for further details.

Banchina Punto Franco (40°38'·30N 17°57'·15E). No 13 is 285 m in length; maximum 215 m LOA and 8 m draught. Contact the local authority for further details.

Banchina Feltrinelli (40°38'·14N 17°57'·14E). No 12 is 340 m in length; maximum draught between 5 and 7 m. Contact the local authority for further details.

- ² **Stazione Marittima e Carbonifera** (40°38'·27N 17°57'·00E). Nos 6 and 7 have a total length of 350 m; vessels between 100 and 120 m can be accommodated; authorised draughts range between 7·5 and 9 m. Contact the local authority for further details.

Italian Notice 9/9.10; 9.25/23

[NP47-No 117-Wk 29/33]

**Italy - Adriatic Sea - Brindisi to Monopoli —
Directions; aero light**

459

Paragraph 11.81 ² lines 4-5 *Delete*

Italian Notice 9/9.8/23

[NP47-No 140-Wk 29/23]

**Italy - Adriatic Sea -
Fiume Tortore to Punta Penna — Marine farms**

478

Paragraph 11.240 *Replace by:*

- ¹ **Entry is prohibited** as follows:
- Within 100 m of a marine farm centred on 42°04'·50N 15°02'·22E; vessels in transit should reduce their speed when in the vicinity.
 - Within 500 m of two marine farms centred on 42°02'·19N 14°56'·87E; vessels should proceed on a course parallel to the farm perimeter when in the vicinity.
 - Within 1 mile of a marine farm centred on 42°02'·58N 14°55'·45E; vessels in transit should not exceed 10 kn.

Italian Notices 9/9.13; 9.26/23; Portolano P7

[NP47-No 141-Wk 29/23]

**Italy - Adriatic Sea -
Fiume Tortore to Punta Penna —
Directions; marine farm**

479

Paragraph 11.243 *2* line 4 *For* (42°02'·35N 14°56'·00E)
Read (42°04'·50N 15°02'·22E) (11.240)

Italian Notices 9/9.13; 9.26/23; Portolano P7
[NP47-No 142-Wk 29/23]

**Italy - Adriatic Sea - Punta Penna to Pescara —
Traffic regulations**

481

Paragraph 11.264 including heading *Replace by*:

**Traffic regulations
11.264**

- ¹ **Anchoring, fishing and underwater activities are prohibited** in the vicinity of any submarine cables and outfalls. See 1.64 and 1.85a.

Italian Chart 212 Ed.5 (2022)
[NP47-No 125-Wk 29/23]

**Italy - Adriatic Sea - Ortona —
Arrival information; regulations**

483

Paragraph 11.273 *2* *Replace by*:

- ² **Speed limit.** A speed limit of 3 kn is in force for all vessels within the port.
Restricted area. Anchoring, fishing and underwater activities are prohibited in the vicinity of any submarine cables and outfalls. See 1.64 and 1.85a.

Italian Chart 212 Ed.5 (2022)
[NP47-No 126-Wk 29/23]

**Italy - Adriatic Sea - Ravenna —
Traffic regulations; prohibited area**

509

Paragraph 12.165 including existing Section IV Notice
Week 35/22 *Replace by*:

- ¹ **Traffic separation scheme.** A TSS is in force in the approaches to Ravenna and its use is mandatory for the following vessels:
Vessels over 300 gt.
Passenger ships or carrying dangerous cargo.
Fishing vessels equal or greater than 24 m LOA.
Pleasure craft equal or greater than 45 m LOA.
This scheme is not IMO-adopted but the Authorities advise that Rule 10 of the *International Regulations for Preventing Collisions at Sea (1972)* applies.

- ² **ATBA.** An area to be avoided, encompassing the prohibited area around Terminal 4 (12.149) and a number of other oil and gas platforms, is situated between the TSS lanes.

Restricted areas. Anchoring and stopping are prohibited within the precautionary area (44°30'·00N 12°21'·70E) and the entrance channel to Ravenna.

- ³ Anchoring is prohibited as follows:
Within the TSS and the harbour.
Within a foul area (44°30'·20N 12°27'·88E) situated within AG Anchorage (12.162).
Within extensive charted areas lying to the N and the S of the TSS due to the presence of obstructions related to gas and oil exploitation and aquaculture.

- ⁴ **Prohibited areas.** Entry is prohibited as follows:
Within 200 m of a dangerous wreck (44°28'·08N 12°33'·59E), for vessels with a draught greater than 10·5 m.

Within 1 cable of a dangerous wreck (44°29'·69N 12°21'·54E) marked by a light buoy (special).

Speed limit of 15 kn is in force within the TSS, further reduced to 12 kn between May and September.

Italian Notice 7/7.15; 7.35/23
[NP47-No 123-Wk 29/23]

**Italy - Adriatic Sea - Ravenna —
Directions; wreck; prohibited area**

510

Paragraph 12.177 including heading and existing Section IV Week 15/23 *Replace by*:

**Approach and entry
12.177**

- ¹ **Caution.** On approaching the land near Porto Corsini from E, depths decrease regularly. The numerous offshore structures, and in clear weather the twin hills of Bertinoro and Monte Cappuccini (12.121) 16 miles S of Ravenna, will be sighted first, followed by the low dense pine forest (12.121) on the low flat shoreline, visible only from a short distance. Ravenna lies on low flat marshy land behind the pine forest and only the highest points of the city and the tall structures of the extensive industrial complexes in the vicinity rise above the forest and become visible from 8 miles offshore.

- ² The coast is very often obscured by mist but the two pairs of breakwaters extending from Porto Corsini show up well on radar.

Route. The recommended approach for making Ravenna from any direction lies to seaward of the numerous oil and gas structures which extend up to 15 miles offshore in the vicinity of Porto Corsini.

From a position about 12 miles E of the outer breakwaters, and remaining NNE of an ABTA (12.165), the inbound lane of the TSS leads WNW, passing:

- ³ SSW of LTA Anchorage (44°29'·30N 12°34'·00E) (12.162), thence:
Clear of a dangerous wreck (44°28'·10N 12°33'·52E) (12.165), thence:
SSW of fixed drilling platform Garibaldi D (44°28'·68N 12°32'·72E), from which a light (platform, 56 m in height) is exhibited, thence:

- 4 NNE of Terminal 4 (44°27'·57N 12°31'·36E) (12.149), thence:
SSE of AG Anchorage (44°30'·50N 12°27'·30E) (12.162), and:
NNE of Platform Armida (44°28'·83N 12°27'·23E), from which a light (platform, 55 m in height) is exhibited.

The track then leads W through the precautionary area (44°30'·00N 12°21'·70E), passing:

- 5 S of fixed drilling platforms PCMW B (44°30'·57N 12°22'·42E), connected by a walkway to PCMW C (55 m in height), from which a light is exhibited. PCMWA and PCMW T, a similar pair of interconnected platforms, (55 m in height) from which lights are exhibited, stand 6 cables WNW. Thence:
N of a light buoy (safe water) (44°29'·95N 12°20'·63E) (12.163).

- 6 The track then leads WSW into the entrance channel, 100 m wide, passing:

Between the heads of the two outer breakwaters (44°29'·79N 12°18'·84E), from each of which is exhibited a light (lateral, metal column, each 8 m in height), thence:

- 7 Between the heads of two inner breakwaters (44°29'·62N 12°17'·46E), from each of which is exhibited a light (lateral, column on pedestal, each 6 m in height).

The track then continues as required to the desired berth. The chart is sufficient guide.

- 8 **Useful marks:**

PIR Petroli Marine Terminal (44°27'·92N 12°23'·91E) (12.149).

Terminal 1 (44°28'·56N 12°21'·81E) (12.149).

Baiona Dock Sector Light (metal tower, 12 m in height) (44°29'·44N 12°15'·91E).

Italian Notice 7/7.15; 7.35/23

[NP47-No 124-Wk 29/23]

NP51 New Zealand Pilot (2021 Edition)

New Zealand — Regulations; protection of wildlife

6

Paragraph 1.51 *1-2 Replace by:*

- 1 **Marine reserves** have been established in specified areas of the territorial sea, seabed and foreshore which are managed by the Department of Conservation for scientific study for the preservation of wildlife and the marine habitat.

It is an offence to undertake fishing, collect seafood or marine life, remove any part of the seafloor or discharge any waste, sewerage or rubbish. Fines of up to \$250 000 and/or six months imprisonment may apply under the Marine Reserves Act 1971 for any offences committed.

- 2 **Marine Mammal Protection** regulations place strict requirements on any vessel or person encountering marine mammals and require commercial vessels and operators to hold a permit.

It is an offence to approach marine mammals closer than certain distances, to exceed certain speeds, or to manoeuvre in front of some marine mammals, or undertake any commercial activity without a permit.

- 3 **Nature reserves.** The outlying islands and other places in New Zealand are designated wildlife sanctuaries, as mentioned in the text. Areas designated as marine reserves and wildlife sanctuaries are shown on the charts.

Unless otherwise stated, landing and entry is by written permit issued by the Department of Conservation and is usually restricted to persons concerned with management or scientific tasks.

- 4 Some species of wildlife, particularly birds, are protected. It is a punishable offence to take or to have them, alive or dead, or their eggs or feathers in unauthorised possession.

Full details can be obtained from the Department of Conservation.

Corr. Regional Harbour Master Environment Canterbury
22/06/23 [NP51-No 57-Wk 29/23]

New Zealand — Ice conditions; icebergs

14

Paragraph 1.99 *1 Replace by:*

- 1 Icebergs may be encountered as far N as 43°55'S but their occurrence is infrequent.

Corr. Regional Harbour Master Environment Canterbury
22/06/23 [NP51-No 58-Wk 29/23]

South Island - Foveaux Strait - Dog Island — General information; wildlife reserve

197

After Paragraph 6.79 *1 line 7 Insert:*

Wildlife reserve is established on Dog Island. Landings are prohibited without permission. For further information contact the Motu Piu Charitable Trust; see also 1.51.

Corr. NZ Hydrographic Authority 10/01/23
[NP51-No 50-Wk 29/23]

North Island - East coast - Lyttelton Harbour to Akaroa Harbour — Marine farms

321

After Paragraph 10.69 *Insert:*

Marine farms 10.69a

- 1 Marine farms are located in numerous places along the coast, generally marked by buoys, beacons or lights. It should be noted however that the chart may not show all marine farms.

UKHO [NP51-No 51-Wk 29/23]

**North Island - Banks Peninsula - Big Bay —
Marine farm**

323

Paragraph 10.83 *Replace by:*

- 1 There is a jetty (43°37'·25S 172°53'·06E) in the SE corner of Big Bay. A marine farm is situated on the E side of the entrance to Big Bay.

Corr. NZ Hydrographic Authority 10/01/23
[NP51-No 52-Wk 29/23]

**Outlying islands and isolated dangers -
Auckland Islands —
General information; regulations**

351

Paragraph 11.66 *1* lines 12-13 *Replace by:*

Passage between these islands is not recommended for vessels over 40 m LOA or 500 gt; caution should be taken while doing so...

Corr. Regional Harbour Master Environment Canterbury
22/06/23 [NP51-No 53-Wk 29/23]

**Outlying islands and isolated dangers -
Auckland Islands —
Natural conditions; tidal streams**

351

Paragraph 11.69 *1* line 9 *Replace by:*

...line extending 6 miles N of Enderby Island. The...

Corr. Regional Harbour Master Environment Canterbury
22/06/23 [NP51-No 54-Wk 29/23]

**Outlying islands and isolated dangers -
Auckland Islands — Directions**

351

Paragraph 11.71 *1* line 4 *Replace by:*

...sometimes extend 6 miles N from Enderby Island...

Corr. Regional Harbour Master Environment Canterbury
22/06/23 [NP51-No 55-Wk 29/23]

**Outlying islands and isolated dangers -
Auckland Islands - Rose Island — Directions**

352

Paragraph 11.74 *1* lines 5-7 *Replace by:*

...regularly breaks right across. Passage is not recommended for anything other than small craft and only during slack water and in calm sea conditions. See the chart.

Corr. Regional Harbour Master Environment Canterbury
22/06/23 [NP51-No 56-Wk 29/23]

UPDATES TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

NP74, Vol A Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.

Last Updates: Weekly Edition No. 28, dated 13 July 2023.

A2610	- Staithes Harbour. E Breakwater. Head	54 33-61 N 0 47-31 W	Fl R 4s	..	..	Beacon	..	
*	*	*	*	*	*	*	*	*
A2610-2	- Staithes Harbour. W Breakwater. Head	54 33-64 N 0 47-32 W	Fl G 4s	..	..	Beacon	..	
*	*	*	*	*	*	*	*	*
NORTH COAST. ANGLESEY. HOLY ISLAND. HOLYHEAD HARBOUR								
A5174	- Breakwater. Head	53 19-85 N 4 37-16 W	Fl(3)G 10s	21	14	White square stone tower, black band 19	..	
---		..	Horn 20s	..	..	..		TD 2023
---		..	Fl Y	..	..	..		Y354°-046°(52°). To warn of Ferry approaching from Seaward.
								TE 2023
								*
WEST COAST. DINGLE BAY. VALENTIA HARBOUR								
A6419	Remove from list; deleted							

NP75, Vol B Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.

Last Updates: Weekly Edition No. 28, dated 13 July 2023.

B2708	- Skåtøy. Strømtangen. W Side	58 50-20 N 9 27-86 E	Oc WR 6s	7	W6-1 R4-3	White wooden hut 9	W322-9°-346-4°(23-5°), R181-6°-322-9°(141-3°)	
NO, ,053100			*		*		*	
KRAGERØFJORDEN								
B2714	- Kragerø	58 52-01 N 9 25-40 E	Oc WRG 6s	7	W5-5 R3-8 G3-6	Tripod 8	R118-7°-172-8°(54-1°), G172-8°-190°(17-2°), W190-8°-193°(2-2°), R193°-301°(108°), G301°-309°(8°), W309°-316°(7°), R316°-026-9°(70-9°)	
NO, ,053800					*	*	*	*
SKJELJANGER								
B4026	Remove from list; deleted							
B4034	- Skjeljanger. NW Side	60 36-63 N 4 56-75 E	Oc(3)WRG 10s	16	W11 R5-8 G6-3	Column 6	G343-9°-115-6°(131-7°), W115-6°-153°(37-4°), R153°-182-9°(29-9°)	
NO, ,180800			*		*		*	*

V

NP75, Vol B Edition 2023 *continued.*

B4060 NO. , 185500	- Jona (Gjona)	60 31.21 N 4 56.29 E	Oc(3)WRG 10s	11	W9-4 Post R8-3 3 G8-3	(<i>ec 1, lt 1</i>) x 2, <i>ec 1, lt 5</i> . G140.3°-160.9°(20.6°), W160.9°-170.2°(9.3°), R170.2°-316.1°(145.9°), G316.1°-328.7°(12.6°), W328.7°-334.4°(5.7°), R334.4°-351.7°(17.3°), G351.7°-003.6°(11.9°), W003.6°-005.8°(2.2°), R005.8°-036.4°(30.6°), G036.4°-090.2°(53.8°), W090.2°-096.5°(6.3°), R096.5°-140.3°(43.8°)
					* *	*
B4066 NO. , 186100	HJELTEFJORDEN - Brusundet. Ådneset	60 38.14 N 4 50.41 E	Oc WRG 6s	4	W9-4 Post R8-3 4 G8-3	R018.5°-110.8°(92.3°), G110.8°-187.8°(77°), W187.8°-250.6°(62.8°), R250.6°-269.5°(18.9°), G269.5°-274.5°(5°), W274.5°-279.4°(4.9°), R279.4°-300.3°(20.9°)
					*	*
B4122 NO. , 197600	SVELLINGEN - Yttersiden, Rongsund	60 39.31 N 4 47.19 E	Iso WRG 2s	9	W6-5 Tower R5-6 5 G5-6	G007°-082.2°(75.2°), W082.2°-087°(4.8°), R087°-163.7°(76.7°)
					* *	*
B4123 NO. , 198127	Hellesundet. Hellesøy. Mole	60 39.77 N 4 47.37 E	Iso G 4s	4	1-1 Post * *	Floodlit
B4170 NO. , 202000	HJELTEFJORDEN - Onglesundet. Marøy. NW Side	60 42.83 N 4 51.92 E	Oc(2)WRG 8s	14	W10 Post R7-7 3 G7-3	G330.5°-355.7°(25.2°), W355.7°-014.4°(18.7°), R014.4°-062.2°(47.8°), G062.2°-106.9°(44.7°), W106.9°-112.4°(5.5°), R112.4°-192.1°(79.7°), G192.1°-249.4°(57.3°), W249.4°-251.5°(2.1°), R251.5°-260°(8.5°)
						* *

NP76, Vol C Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 28, dated 13 July 2023.

C5438-6 FI. , 87483	Kuorsalo Suuntaloisto. Dir Lt 022°	60 27.17 N 27 22.41 E	Iso W 2s	17	8-8 Red □, yellow stripe	W018°-024°(6°)
						*
C5438-61	Remove from list; deleted					

V

NP77, Vol D Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 28, dated 13 July 2023.

D2973 ES, I, 13920 FR, L2, 19380	- Punta Galera	23 38-00 N 16 00-00 W	Fl(2)W 6s	7	8	White square tower 6	TE 2023		*
D7293-45 FR, , 43101 *	- Port de Tadjoura. Ldg Lts 325°. Front	11 46-77 N 42 52-02 E	VQ R	5	..	Red post, white band 5	..		*
D7293-5 FR, , 43100 *	- Port de Tadjoura. Ldg Lts 325°. Rear. 192m from front	11 46-86 N 42 51-96 E	VQ R	..	..	Red post, white band 7	..		*

NP78, Vol E Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 28, dated 13 July 2023.

E6672 DZ, , 1700	Îlot d'Arzew	35 52-42 N 0 17-38 W	Fl R 5s	19	16 15	White round tower 15	<i>fl 0-6.</i> Obscured by Cap Carbon when bearing less than 132°		*
----------------------------	---------------------	-------------------------	---------	----	-----------------	-------------------------	---	--	---

NP79, Vol F Edition 2022. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 28, dated 13 July 2023.

F1546	Kuala Kurau. Entrance	4 59-42 N 100 24-72 E	Fl W 4s	7	8	White framework tower, concrete base 9	Fishing		*
F2686 PH, , 0034	Cabaoangan (PH:CG)	15 59-08 N 119 45-72 E	Fl(3)W 15s	75	15 14	White GRP tower 14	..		*
F2686-6 PH, , 0629	Sabangan Point (PH:CG)	16 07-95 N 119 46-62 E	Fl G 5s	87	11	White concrete tower 14	..		*
F2689 PH, , 0032	LINGAYEN GULF - Silaqui Island (PH:CG)	16 26-62 N 119 55-40 E	Fl(2)W 10s	13	10	White GRP tower 9	..		*
F2690 PH, , 0031	- Bolinao Harbour (PH:CG)	16 22-73 N 119 54-88 E	Fl R 5s	69	11	White concrete tower 14	..		*
F2690-5 PH, , 0030	- Cabarruyan Island. Anda (PH:CG)	16 18-85 N 120 00-85 E	Fl R 5s	12	8	Metal post 8	..		*
F2691 PH, , 0029	- Lucap Bay (PH:CG)	16 11-57 N 120 00-23 E	Fl G 5s	37	5	White concrete tower 15	..		*

V

NP79, Vol F Edition 2022 *continued.*

F2692 PH, , 0028	- Port Sual. Portuguese Point (PH:CG)	16 04-48 N 120 06-73 E	Fl R 5s	51	15 Concrete mast 10	..	
		*		*	*		
F2694 PH, , 0027	- Dagupan River. Point Guecet (PH:CG)	16 04-37 N 120 20-13 E	Fl W 5s	36	5 White concrete tower 15	..	
		*		*	*	*	
F2696 PH, , 0026	- Damortis (PH:CG)	16 14-42 N 120 24-23 E	Fl R 5s	15	15 White concrete tower	..	
		*		*	*	*	
F2697 PH, , 0025	- Santa Rita (PH:CG)	16 21-23 N 120 20-57 E	Fl W 5s	14	10 White church bell tower 12	..	
		*	*	*	*	*	
F2698 PH, , 0024	San Fernando Harbour. San Fernando Point (PH:CG)	16 36-90 N 120 16-85 E	Fl(2)W 10s	49	18 White round metal tower and dwelling 19	..	
		*		*	*	*	
F3055 *	Tan Thuan. Wind farm. WT01	9 00-40 N 105 24-55 E	Mo(U)Y 15s	11	5 Wind turbine 15	..	
	*	*	*	*	*	*	*
F3055-1 *	Tan Thuan. Wind farm. WT11	8 59-55 N 105 25-31 E	Mo(U)Y 15s	11	5 Wind turbine 15	..	
	*	*	*	*	*	*	*
F3055-2 *	Tan Thuan. Wind Farm. WT12	8 58-14 N 105 25-62 E	Mo(U)Y 15s	11	5 Wind turbine 15	..	
	*	*	*	*	*	*	*
F3055-3 *	Tan Thuan. Wind Farm. WT24	8 56-72 N 105 25-90 E	Mo(U)Y 15s	11	5 Wind turbine 15	..	
	*	*	*	*	*	*	*
F3223-83 *	- Nghi Son. Inner Breakwater	19 21-54 N 105 47-67 E	Fl R 3s	..	.. Red □ on red beacon	..	
	*	*	*	*	*	*	*

NP80, Vol G Edition 2022. Weekly Edition No. 29, Dated 20 July 2023.

Last Updates: Weekly Edition No. 28, dated 13 July 2023.

G0202 BR, DH2, 1272	Olinda. Morro do Serapião	8 00-67 S 34 50-83 W	Fl(2)W 35s	89	46 White truncated conical concrete tower, black bands 42	<i>fl 1, ec 7-5, fl 1, ec 25-5</i>	
							*
G0826 AR, H211, 315	BUENOS AIRES. ANTEPUERTO NORTE - S Pier. Head. Km 1-350	34 35-72 S 58 21-01 W	Fl(2)G 8s	..	6 Beacon	..	
	----	..	AIS	..	..	MMSI No 997011032	
*	*	*	*	*	*	*	*

V

NP80, Vol G Edition 2022 continued.

G1326 AR, H213, 1719	- Ushuaia. Muelle de la Gobernación (AR)	54 48-41 S 68 17-37 W	Fl R 3s	9	9 Red and white metal post, on dolphin 6	<i>fl 0-5</i>
		*		*	*	*
G1381 AR, H213, 1883	DECEPTION ISLAND. PORT FOSTER - Grumete (GB)	62 58-71 S 60 39-70 W	Fl W 8s	104	5 Green round GRP tower 3	<i>fl 0-5</i> *
G1383	- Fumarole Bay. Buen Suceso (GB)	62 58-14 S 60 42-57 W	Fl W 5s	114	5 White tower, orange band 4	<i>fl 0-5</i> *
G1850 CL, 3007, 208	Punta Topocalma	34 08-02 S 72 00-16 W	Fl W 10s	117	16 White GRP tower, red band 4	<i>fl 0-3.</i> W347°-210°(223°)
*	-	..	AIS	..	..	MMSI No 997251087 *
		*	*	*	*	*
G2158 PE, 5020, 11006	Mancora	4 06-49 S 81 03-43 W	Fl(3)W 20s	55	18 White square concrete tower, red bands 14	<i>fl 0-5, ec 2-5, fl 0-5, ec 6, fl 0-5, ec 10</i> * * *
G2170 PE, 5020, 11004	GOLFO DE GUAYAQUIL - Acapulco. Pier Head	3 44-32 S 80 46-41 W	F R	..	4 Metal post	..
*	*	*	*	*	*	*
G3026 EC, , 1216	GOLFO DE GUAYAQUIL. RÍO GUAYAS. APPROACHES. CANAL DE JAMBELÍ - Punta Arenas	3 01-31 S 80 07-41 W	Fl(2)W 15s	12	20 White metal and concrete tower 18	<i>fl 1, ec 2, fl 1, ec 11.</i> Destroyed (T) 2023 *
G4867	PUGET SOUND. RICH PASSAGE Remove from list; deleted					
G5327-6	VANCOUVER ISLAND. JUAN DE FUCA STRAIT - Trial Islands. S Island	48 23-64 N 123 18-51 W	Fl(5)Y 20s	..	.. Platform	Private * * *
*	*	*	*	*	*	*
G5613 CA, P, 544	- Boat Bay	50 31-17 N 126 34-70 W	Q W	11	6 White square framework tower *	Obscured 102°-277°(175°) *
G5628-6 CA, P, 556	QUEEN CHARLOTTE STRAIT - Wedge Island. Knight Inlet	50 38-08 N 126 43-34 W	Q W	11	5 White square framework tower *	W249°-106°(217°) *
G5647-4 CA, P, 569-3	- Tribune Rock	50 51-46 N 127 33-98 W	Fl G 4s	8	6 White square framework tower, green band at top *	.. *
G5835 CA, P, 778	QUEEN CHARLOTTE ISLANDS. CUMSHEWA INLET - Kingui Island. SW End	53 01-46 N 131 37-93 W	Fl W 6s	12	5 White Square framework tower *	<i>fl 0-5.</i> W285°-157°(232°) *
				*	*	*

NP83, Vol K Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 28, dated 13 July 2023.

K3024-4	GREAT BARRIER REEF (COASTAL WATERS). HAY POINT Remove from list; deleted						
K3024-41	GREAT BARRIER REEF (COASTAL WATERS). HAY POINT - Tug Harbour. Dir Lt 215-5°	21 17-59 S 149 18-15 E	Dir WRG	..	..	..	Iso G 2s 210-6°-211-6°(1°). Oc G 4s 211-6°-212-6°(1°) <i>ec Is.</i> Oc G 3s 212-6°-213-6°(1°) <i>ec Is.</i> F W213-6°-216-6°(3°). Iso W 2s 216-6°-217-6°(1°). Oc R 3s 217-6°-218-6°(1°) <i>ec Is.</i> Oc R 4s 218-6°-219-6°(1°) <i>ec Is.</i> Iso R 2s 219-6°-220-6°(1°)
*	*	*	*	*	*	*	*
K3024-5	- Tug Harbour. Dir Lt 245° ---	21 17-34 S 149 17-94 E	Dir WRG	11	3 green Δ on green lattice beacon		Iso G 4s 240-5°-243-5°(3°). Iso W 4s 243-5°-246-4°(2-9°). Iso R 4s 246-4°-249-5°(3-1°)
*	*	*	Fl G 2-5s *	*	*	*	*
K3636-35	- Bowen Bridge. Lts in line 307-9°. Front	42 49-19 S 147 18-29 E	F Bu	..	.. Orange Δ on beacon	TE 2023	*
K4544	- Hospital Road. Waitangi (NZ)	43 57-20 S 176 33-51 W	F WRG	15	8 Brown wooden pole 15	G163°-183°(20°), W183°-195°(12°), R195°-215°(20°)	*
	*				*		*

NP84, Vol L Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 27, dated 06 July 2023.

L7009-4 RU, 2105, 4030	- Bakaritskiy. Ldg Lts 184-1°. Front	64 28-57 N 40 36-54 E	F R	15	3 Grey brick building, red stripe, with beacon lantern 10	Vis on leading line only. Destroyed (T) 2022	*
L8208 RU, 2111, 1555	- Ostrov Sibiryakova. Mys Krutova	72 43-35 N 79 32-00 E	Fl W 9s	31	13 Red truncated pyramid 27	<i>fl 1.</i> Destroyed (T) 2012	*
*	*	*	*	*	*	*	*

NP85, Vol M Edition 2022. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 28, dated 13 July 2023.

M4193-6 KR, 410, 3186-1	- No A	35 58-48 N 126 32-83 E	Fl(4)Y 8s	10	9 Yellow round GRP tower 8	Range 8M (T) 2022	*
*	*	*	*	*	*	*	*
M4206-81 KR, 410, 3152-5	- Biando Hang. N Breakwater	35 44-23 N 126 27-65 E	Fl R 4s	10	9 Red round concrete tower 9	TE 2023	*

V

NP85, Vol M Edition 2022 *continued.*

M4209-18		ANMA GUNDO							
KR, 410, 3139-6	- Anmado	35 26-99 N	Mo(U)W 10s	15	10 Yellow round steel	..			
KR, 401, 4350		126 01-97 E			post				
KR, 401, 4142	--	..	Racon	..	3				ALRS Vol 2 Station 82503.5
*	*	*	Horn 30s	*	*	*	*	*	*
M4213-8		Samdo							
KR, 410, 3064-3		34 46-21 N	Q(9)W 15s	11	9 ∇ on yellow beacon,	..			
		126 03-77 E			black band				
					13				
					*				
M4214-4		Wonsan Hang. Breakwater							
KR, 410, 3126-1		34 46-80 N	Fl W 4s	8	8 White metal post	..			
		126 07-22 E			8				
					*				
M4216-5		Jaeundo							
KR, 410, 3073		34 55-34 N	Fl(2)W 6s	32	8 White round concrete	W133°-330°(197°)			
		126 05-44 E			tower				
					9				
					*				
M4217-38		MOKPO HANG							
	Remove from list; deleted								
M4221		Chido							
KR, 410, 3064		34 40-24 N	Fl(2)W 6s	26	9 White round concrete	..			
		126 12-60 E			tower				
					11				
					*				
M4265-613		Iho Hang. A							
KR, 410, 2678-20		33 30-36 N	Fl(4)Y 8s	6	7 Yellow x on yellow	..			
		126 27-36 E			metal pipe				
					9				*
M4265-614		Iho Hang. B							
KR, 410, 2678-21		33 30-34 N	Fl(4)Y 8s	6	7 Yellow x on yellow	..			
		126 27-30 E			metal pipe				
					9				*
*	*								
M4311-2		- LNG Terminal. No A							
KR, 410, 2433-4		34 52-92 N	Fl(4)Y 8s	10	7 Yellow round tower	..			
		127 47-45 E			4				
*	*	*	*	*	*	*	*	*	*
M4311-206		- LNG Terminal. No B							
KR, 410, 2433-5		34 53-14 N	Fl(4)Y 8s	10	7 Yellow round tower	..			
KR, 401, 4365	---	127 47-50 E			4				
*	*	*	Horn 40s	*	*	*	*	*	*
			*	*	*	*	*	*	*
M4353-9		- Nakdong Gang. Noksan Channel. No 3							
KR, 410, 2066-6		35 03-63 N	Fl(2)G 6s	2	3 Green \square on green	Nakdonggangnoksan Channel is			
		128 52-35 E			pile	marked by Fl(2)G 6s and Fl(2)R 6s			
					5	light beacons			
	*	*		*	*	*			
M4430-31		Jiksan Hang. E Breakwater							
KR, 410, 1287-5		36 43-38 N	Fl R 4s	14	7 Red round metal post	..			
		129 28-48 E			9				
					*	*			*
M7434-15		- Bukhta Severnaya. N Shore. Minonosok							
RU, 2401, 85		42 55-97 N	Fl W 3s	8	4 Red metal framework	fl 0-5.			
		131 25-18 E			tower	W311°-289°(338°).			
					4	Shown 1/5 to 15/11.			
						TE 2022			*

V

NP85, Vol M Edition 2022 *continued.*

M7435-2 RU, 2401, 278	- Ivantsova	42 58-84 N 131 47-25 E	Fl G 3s	6	1 Red metal pyramid framework tower with platform 5	<i>fl 0-5.</i> TE 2022	*
M7440 RU, 2401, 181	- Inner Harbour. Bukhta Novik. Ldg Lts 167-8°. Front	43 02-79 N 131 49-25 E	Oc Y 3s	5	3 White ▽, black stripe, on metal framework tower 5	Vis 3-25° each side of leading line. Shown 15/6 to 1/12. TE 2022	*
M7440-1 RU, 2401, 181-1	- Inner Harbour. Bukhta Novik. Ldg Lts 167-8°. Rear. 0-1M from front	43 02-65 N 131 49-29 E	F Y	13	3 White ▽, black stripe, on metal framework tower 6	Vis 10° each side of leading line. Shown 15/6 to 1/12. TE 2022	*
M7584 RU, 2401, 640	Mys Nizmennyy	43 30-40 N 135 08-49 E	Fl(3)W 7-5s	63	18 White stone tower and hut 18	W220°-053°(193°)	*
M7841-5 RU, 2401, 2381	- Mramornyy	46 17-80 N 143 23-30 E	Fl R 5s	17	4 Orange round metal tower with platform 5	<i>fl 1.</i> Shown 25/4 to 1/12. TE 2022	*
M7846 RU, 2401, 2667	Mys Levenorna	46 22-34 N 143 36-91 E	Fl W 6s	58	9 White round metal tower 8	<i>fl 1-5.</i> W180°-023°(203°). Shown 15/4 to 15/1. TE 2022	*
M8050 RU, 2401, 2486	OSTROV URUP - Kastrikum	46 13-75 N 150 34-01 E	Oc W 7-5s	51	19 Red round metal tower 23	<i>ec 3.</i> W089°-049°(320°). TE 2022	*
	- - Reserve light	..	..	..	10 ..	..	*

NP86, Vol N Edition 2022. Weekly Edition No. 29, Dated 20 July 2023.

Last Updates: Weekly Edition No. 28, dated 13 July 2023.

N5779-5 Remove from list; renumbered to N5780.1

N5780-1 Renumbered; was previously N5779.5

TR, , 10018	- Arhavi. Fishing Harbour. Main Breakwater. Head	41 21-14 N 41 17-60 E	Fl G 5s	9	3 White tower, green band 6	<i>fl 1</i>	*
*	*	*	*	*	*	*	*

V

NP87, Vol P Edition 2022. Weekly Edition No. 29, Dated 20 July 2023.
 Last Updates: Weekly Edition No. 28, dated 13 July 2023.

P3682-48 CN, G102, 2621-44	Nantian Dao. Xiangshan Wind Power. No 4	29 01-97 N 121 59-49 E	Mo(C)Y 12s	21	5 Yellow × on Yellow post 2	..	MMSI No 994121557
*	---	..	AIS	*	*	*	*
P3682-481 CN, G102, 2621-45	Nantian Dao. Xiangshan Wind Power. No 5	29 01-98 N 122 00-45 E	Mo(C)Y 12s	21	5 Yellow × on Yellow post 2	..	
*	*	*	*	*	*	*	*
P3682-482 CN, G102, 2621-46	Nantian Dao. Xiangshan Wind Power. No 6	29 02-22 N 122 02-33 E	Mo(C)Y 12s	21	5 Yellow × on Yellow post 2	..	MMSI No 994121558
*	---	..	AIS	*	*	*	*
P3682-483 CN, G102, 2621-47	Nantian Dao. Xiangshan Wind Power. No 7	29 04-09 N 122 02-96 E	Mo(C)Y 12s	21	5 Yellow × on Yellow post 2	..	
*	*	*	*	*	*	*	*
P3682-484 CN, G102, 2621-41	Nantian Dao. Xiangshan Wind Power. No 1	29 05-95 N 122 03-59 E	Mo(C)Y 12s	21	5 Yellow × on Yellow post 2	..	MMSI No 994121555
*	---	..	AIS	*	*	*	*
P3682-485 CN, G102, 2621-42	Nantian Dao. Xiangshan Wind Power. No 2	29 05-93 N 122 01-52 E	Mo(C)Y 12s	21	5 Yellow × on Yellow post 2	..	
*	*	*	*	*	*	*	*
P3682-487 CN, G102, 2621-43	Nantian Dao. Xiangshan Wind Power. No 3	29 04-07 N 122 00-56 E	Mo(C)Y 12s	21	5 Yellow × on Yellow post 2	..	
*	*	*	*	*	*	*	*
P3850-9 CN, G101, 1626-2	- Ma'er Dao	36 14-20 N 120 49-10 E	Fl W 4s	69	10 White concrete column 8	<i>fl 0-5</i>	
*	--	..	AIS	*	*	*	MMSI No 994121295
P3856-1 CN, G101, 1625-4	- Yaque Shi	36 21-91 N 120 53-08 E	Fl(2)W 5s	12	8 White post, black bands 6	..	MMSI No 994121291
*	--	..	AIS	*	*	*	*
P3907-3842 CN, G101, 1377-581	- Beiran. LNG Pier. N	38 45-13 N 117 42-38 E	Fl R 3s	16	4 Red post, white bands 12	..	
*	*	*	*	*	*	*	*
P3907-3844 CN, G101, 1377-582	- Beiran. LNG Pier. S	38 44-93 N 117 42-38 E	Fl G 3s	16	4 Green post, white bands 12	..	
*	*	*	*	*	*	*	*
P3907-3846 CN, G101, 1377-583	- Beiran. Working Vessel Pier. N	38 44-86 N 117 42-36 E	LFl R 6s	15	4 Red post, white bands 12	..	
*	*	*	*	*	*	*	*

V

NP87, Vol P Edition 2022 *continued.*

P3907-3848 CN, G101, 1377-584	- Beiran. Working Vessel Pier. S	38 44-80 N 117 42-36 E	LFl G 6s	15	4 Green post, white bands 12	..	
*	*	*	*	*	*	*	*
P4624-4125 TW, 5, 31717	KAO-HSIUNG CHIANG - Kaohsiung Port. Second Entrance. S19 corner	22 32-46 N 120 17-81 E	Fl R 4s	12	9 Red metal post 4	<i>fl 1</i>	
*	*	*	*	*	*	*	*
P4624-4128 TW, 5, 31719	- Kaohsiung Port. Second Entrance. S13 corner	22 32-12 N 120 18-45 E	Fl R 4s	12	9 Red metal post 4	<i>fl 1</i>	
*	*	*	*	*	*	*	*

NP88, Vol Q Edition 2023. Weekly Edition No. 29, Dated 20 July 2023.
Last Updates: Weekly Edition No. 28, dated 13 July 2023.

Q2055-09	- No 4	34 47-26 S 138 25-23 E	Fl R 2s	..	.. □ on beacon	Destroyed; port lateral buoy, Fl R 2s and V-AIS in situ (T) 2023	
						*	

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.

UPDATES TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 29 dated 20 July 2023

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_2023.pdf)

VOLUME 1, NP281(1), Third Edition, 2022

Published Wk 42/22

(Last Updates: Weekly Edition No. 28 dated 13 July 2023)

MARITIME RADIO STATIONS

PAGES 219 to 222, NORWAY.
NORWEGIAN COASTAL RADIO NORTH (LGP).
 Delete entry and replace by:

NORWEGIAN COASTAL RADIO NORTH (LGP)					
Control Centre: 67° 16' -29N 14° 23' -29E	MMSI 002570000	DSC VHF MF HF 4 6 & 8 MHz	AMVER		Diagram page 218
Telephone: +47 75 528925			Fax: +47 78 988331		
Call: Norwegian Coast Radio			Email: kystradio.nord@telenor.com		
			Website: www.kystradio.no		
NOTE(S): Further changes to the VHF frequencies for other aerials are planned over the coming months. These will be updated by Notice to Mariner once confirmation has been received that they have been implemented.					

VHF

Central Area (North of 67° 30' N)			
Andenes (Ramnan)	69° 16' -42N 16° 00' -48E	Ch 16	H24
Fredvang	68° 05' -67N 13° 11' -00E	Ch 16	
Hagskaret	68° 09' -67N 13° 41' -75E	Ch 16	
Harstad (Harstadåsen)	68° 47' -90N 16° 30' -98E	Ch 16 66	
Harstad (Sørrollnes)	68° 43' -70N 16° 50' -42E	Ch 64	
Lenvik (Kistefjell)	69° 17' -52N 18° 08' -43E	Ch 16 28	
Lødingen (Fenes)	68° 24' -08N 15° 58' -32E	Ch 07 16	
Raften (Svolvaer)	68° 24' -18N 15° 07' -03E	Ch 01 16	
Stamnes (Sortland)	68° 48' -70N 15° 28' -90E	Ch 16 62	
Steigen (Småtindane)	67° 49' -95N 15° 00' -35E	Ch 16 60	
Storheia (Hadsel)	68° 32' -65N 14° 52' -23E	Ch 16 65	
Tjelsundet (Balstadaasen)	68° 33' -63N 16° 16' -63E	Ch 02 16	
Tysfjord (Hellandsberg)	68° 01' -77N 16° 06' -83E	Ch 03 16	
Vaerøy	67° 39' -83N 12° 37' -55E	Ch 16 64	
Veggen (Narvik)	68° 27' -80N 17° 10' -00E	Ch 05 16	
Vesterålen (Kraakenes)	68° 56' -55N 15° 01' -43E	Ch 16	
Vestvagoy (Kvalnes)	68° 20' -55N 13° 57' -65E	Ch 16 20	

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO NORTH (LGP) (Continued)

Northern Area (North of 69° 30' N)		
Alta (Helligfjell)	70°06'·80N 22°55'·95E	Ch 16 28
Båtsfjord (Haminefjell)	70°40'·15N 29°42'·70E	Ch 16 61
Berlevåg (Berlevaagfjell)	70°51'·70N 29°04'·68E	Ch 07 16
Bjørnøya	74°30'·16N 18°59'·72E	Ch 16 66
Hammerfest (Hammerfjell)	70°41'·50N 23°40'·42E	Ch 27
Hammerfest (Tyven)	70°38'·37N 23°41'·78E	Ch 05 16
Hasvik (Fuglen)	70°39'·33N 21°57'·90E	Ch 16 78
Havøysund (Havoygavlen)	71°00'·00N 24°36'·00E	Ch 16 21
Isfjord/Svalbard	78°03'·70N 13°36'·98E	Ch 16 61
Jan Mayen	70°56'·68N 8°40'·02W	Ch 16 60
Karlsøy (Torsvåg)	70°14'·53N 19°30'·10E	Ch 16 20
Kirkenes	69°45'·04N 30°07'·97E	Ch 16 65
Lebesby (Oksen)	70°57'·88N 27°21'·05E	Ch 16 20
Mehamn (Trollhetta)	71°03'·00N 28°07'·00E	Ch 16 64
Nordkapp (Honningsvåg fjell)	70°58'·97N 25°53'·90E	Ch 02 16
Platåfjellet (Longyearbyen)	78°14'·30N 15°21'·10E	Ch 16 20
Skjervøy (Stussnesfjell)	70°01'·45N 20°58'·95E	Ch 02 16
Skjervøy (Trolltind)	70°04'·47N 20°26'·00E	Ch 16 66
Skolten (Svalbard)	78°08'·97N 16°39'·48E	Ch 16 28
Tana (Algasvarre)	70°28'·08N 28°13'·42E	Ch 16 66
Tromsø	69°39'·13N 18°56'·83E	Ch 16
Tromsø (Hillesøy)	69°38'·52N 17°58'·40E	Ch 16 81
Tromsø (Røstbakken)	69°38'·82N 18°55'·32E	Ch 01 16
Tromsø (Sandøy)	70°02'·65N 18°32'·80E	Ch 16 60
Tromsø (Tønsnes)	69°43'·08N 19°07'·83E	Ch 07 16
Varangerfjord (Torsvade)	70°05'·83N 29°49'·15E	Ch 16 60
Vardø (Domen)	70°20'·13N 31°02'·00E	Ch 01 16
Zeppelinfjellet (Svalbard)	78°54'·40N 11°53'·32E	Ch 16 62
Southern Area (North of 65° 30' N)		
Bodø	67°16'·48N 14°23'·48E	Ch 16
Leirfjord (Horva)	66°00'·90N 12°49'·20E	Ch 01 16
Meløy	66°51'·27N 13°38'·87E	Ch 16 61
Mo i Rana (Vettahaugen)	66°12'·00N 13°44'·00E	Ch 16 28
Nesna	66°11'·90N 13°00'·63E	Ch 07
Norne	66°01'·63N 8°05'·30E	Ch 16 66
Rønvikfjell/ Bodø	67°18'·20N 14°26'·80E	
Sorfold (Fornesfjell)	67°25'·85N 15°27'·38E	Ch 16 62
Traenfjord (Hestmannen)	66°31'·87N 12°49'·05E	Ch 16 20
Vega (Gulsvåg fjell)	65°39'·00N 11°49'·72E	Ch 16 60
Visten (Vevelstad)	65°39'·00N 12°37'·00E	Ch 05
MARITIME SAFETY INFORMATION FOLLOWED BY TRAFFIC LISTS: All Channels shown in bold: 0233 0633 1033 1433 1833 2233		

H24

H24

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO NORTH (LGP) (Continued)

RT (MF)

	Position	Transmits	Receives	Hours of Watch
Central Area (North of 67° 30' N)				
Andenes	69° 16' .67N 16° 00' .92E	1659 (Ch 249)	2084	H24
		1803 (Ch 001)	2406	
		2177 ¹	2189-5 ¹	
		2182	2182	
		2660 (Ch 023)	3274	
Northern Area (North of 69° 30' N)				
Berlevåg	70° 51' .78N 29° 04' .57E	1695	2120	H24
		2177	2189-5	
		2182	2182	
Bjørnøya	74° 30' .16N 18° 59' .72E	1722 (Ch 270)	2066	H24
		2177 ¹	2189-5 ¹	
		2182	2182	
Hammerfest	70° 43' .02N 23° 47' .90E	1635	2060	H24
		2177	2189-5	
		2182	2182	
		2695	3168	
		3652	2442	
Hammerfest (Hammerfjell)	70° 41' .50N 23° 40' .42E	2182	2182	
Isfjord/Svalbard	78° 03' .70N 13° 36' .98E	1731 (Ch 273)	2075	
		2177 ¹	2189-5 ¹	
		2182	2182	
		2656	3210	
		3645	2541	
Jan Mayen	70° 56' .68N 8° 40' .02W	1743 (Ch 277)	2087	H24
		2177 ¹	2189-5 ¹	
		2182	2182	
Tromsø	69° 39' .13N 18° 56' .83E	1674	2099	H24
		2177	2189-5	
		2182	2182	
Vardø (Domen) MF Aerial	70° 22' .00N 31° 06' .00E	1713	2138	H24
		2177	2189-5	
		2182	2182	
		2642	3203	
		3631	2449	

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO NORTH (LGP) (Continued)

Southern Area (North of 65°30'N)				
Andenes (Ramnan)	69°16'42N 16°00'48E	2177	2189-5	H24
Bodø	67°16'48N 14°23'48E	1770	2114	
		2177 ¹	2189-5 ¹	H24
		2182	2182	
		2663	3207	
Bodøsjøen	67°16'00N 14°23'00E	2182	2182	
Sandnessjøen	66°01'17N 12°36'53E	1710 (Ch 266)	2135	
		2177 ¹	2189-5 ¹	H24
		2182	2182	

MARITIME SAFETY INFORMATION FOLLOWED BY TRAFFIC LISTS: All Channels shown in bold: 0233 0633 1033 1433 1833 2233
¹ DSC Public Correspondence frequency

RT (HF)

	Position	Transmits	Receives	Hours of Watch
Northern Area (North of 69°30'N)				
Hammerfest (Hammerfjell)	70°41'50N 23°40'42E	4125	4125	H24
		4208	4219-5	
		6215	6215	
		6312-5	6331	
		8291	8291	
		8415	8436-5	
Isfjord/Svalbard	78°03'70N 13°36'98E	4125	4125	
		4208	4219-5	
		6215	6215	
		6312-5	6331	
		8291	8291	
		8415	8436-5	

Hammerfest is used as a backup site.

(former updates 47/22, 51/22, 8/23, 12/23, 25/23)
 Telenor Coast Radio website (RSDRA2023000168534) 29/23

PAGES 222 and 224 to 226, NORWAY. NORWEGIAN COASTAL RADIO SOUTH (LGQ). Delete entry and replace by:

NORWEGIAN COASTAL RADIO SOUTH (LGQ)					
Control Centre: 58°53'35N 5°38'02E	MMSI 002570000	DSC VHF MF	AMVER		Diagram page 223
Telephone: +47 51 690044			Fax: +47 78 988331		
Call: Norwegian Coast Radio			Email: kystradio.sor@telenor.com		
			Website: www.kystradio.no		
NOTE(S): Further changes to the VHF frequencies for other aeriels are planned over the coming months. These will be updated by Notice to Mariner once confirmation has been received that they have been implemented.					

VHF

Central Area (South of 63°00'N)			
Ålesund (Aksla)	62°28'57N 6°10'75E	Ch 02 16	H24

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO SOUTH (LGQ) (Continued)

Aurland	60°54'·35N 7°11'·52E	Ch 07 16	H24	
Bangsberg (Mjøsa)	60°50'·77N 10°53'·85E	Ch 16 62		
Bergen (Lindås)	60°34'·63N 5°19'·73E	Ch 05 16		
Bergen (Rundemanen)	60°24'·77N 5°21'·93E	Ch 16 60		
Brattvåg (Gamlemstveten)	62°34'·52N 6°19'·12E	Ch 05 16		
Bremanger	61°50'·40N 4°59'·22E	Ch 16 61		
Fjærland	61°25'·37N 6°45'·52E	Ch 05		
Florø (Storåsen)	61°35'·55N 5°01'·58E	Ch 28		
Fosnavåg (Nerlandshorn)	62°20'·95N 5°33'·18E	Ch 16 21		
Geiranger	62°07'·37N 7°11'·48E	Ch 16 61		
Gudvangen	60°52'·00N 6°50'·78E	Ch 16 60		
Gulen	61°02'·06N 5°09'·30E	Ch 02 16		
Gullfaks A (The North Sea)	61°10'·90N 2°11'·43E	Ch 16 66		
Hareid (Hjørungnes)	62°21'·53N 6°07'·40E	Ch 16 81		
Hellesylt (Ljønibba)	62°05'·02N 6°53'·48E	Ch 16 20		
I. Hardanger (Grimo)	60°24'·37N 6°38'·17E	Ch 16 20		
Kinn	61°33'·42N 4°45'·50E			
Ligtvor (Balestrand)	61°06'·08N 6°32'·13E	Ch 01		
Måløy (Raudeberg)	61°59'·23N 5°09'·08E	Ch 01 16		
Molde	62°45'·16N 7°07'·97E	Ch 07 16		
Nordfjordeid (Sagtennene)	61°53'·40N 6°06'·50E			
Ørskogfjellet	62°30'·95N 6°52'·33E	Ch 16 64		
Oseberg A (The North Sea)	60°29'·90N 2°50'·05E	Ch 16 62		
Snorre (The North Sea)	61°27'·25N 2°09'·07E	Ch 16 64		
Sogndal (Storehogen)	61°10'·38N 7°07'·15E	Ch 16 65		
Sotra (Pyttane)	60°19'·09N 5°06'·54E	Ch 03 16		
Tingvoll (Reinsfjell)	62°55'·85N 7°55'·62E	Ch 16 20		
Y. Hardanger (Ljoneshøgda)	60°15'·83N 6°10'·15E	Ch 66		
Northern Area (South of 65° 30' N)				H24
Åsgård B (The North Sea)	65°07'·02N 6°47'·60E	Ch 02 16		
Buholmraen (Yttervåg)	64°17'·83N 10°17'·90E	Ch 03 16		
Draugen (The North Sea)	64°21'·25N 7°47'·35E	Ch 01 16		
Heidrun (The North Sea)	65°19'·75N 7°19'·60E	Ch 16 64		
Kristiansund (Varden)	63°06'·95N 7°42'·75E	Ch 16 66		
Littlefonna (Tjeldbergodden)	63°22'·80N 8°42'·92E	Ch 16 64		
Mosvik (Skavlen)	63°46'·32N 10°57'·05E	Ch 07 16		
Namsos (Spillumsaksla)	64°26'·53N 11°32'·27E	Ch 16 62		
Njord A (The North Sea)	64°16'·40N 7°11'·92E	Ch 22		
Norne (The North Sea)	66°01'·62N 8°05'·13E	Ch 66		
Ørland (Kopparen)	63°48'·40N 9°44'·30E	Ch 16 27		
Rørvik (Falkhetta)	64°52'·75N 11°13'·53E	Ch 16 20		
Stjørdal (Forbordsfjell)	63°31'·62N 10°53'·27E	Ch 16 65		
Vardheia (Rissa)	63°32'·15N 9°57'·70E	Ch 16		

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO SOUTH (LGQ) (Continued)

Southern Area (South of 60°00'N)			
Arendal (Hisøy)	58°26'·02N 8°44'·63E	Ch 05 16	H24
Bjerkreim (Urdalsnipa)	58°37'·99N 5°57'·64E	Ch 16 64	
Drammen (Bukten)	59°40'·38N 10°26'·02E	Ch 16 61	
Draupner (The North Sea)	58°11'·29N 2°28'·26E	Ch 16 66	
Ekofisk (The North Sea)	56°32'·56N 3°13'·03E	Ch 16 20	
Farsund	58°04'·32N 6°44'·67E	Ch 01 16	
Frigg (The North Sea)	59°53'·23N 2°04'·40E	Ch 20	
Halden (Hoyås)	59°10'·52N 11°25'·67E	Ch 07 16	
Haugesund (Steinsfjeld)	59°25'·30N 5°19'·67E	Ch 01 16	
Heimdal (The North Sea)	59°34'·42N 2°13'·63E	Ch 05 16	
Horten	59°24'·83N 10°28'·92E	Ch 02	
Kristiansand (Dolsveden)	58°08'·15N 8°08'·02E	Ch 16 61	
Lifjell (Sandnes)	58°55'·19N 5°47'·38E	Ch 16 20	
Lillesand (Justoeya)	58°12'·47N 8°20'·83E	Ch 81	
Lindesnes (Skibmannsheia)	58°01'·26N 7°03'·42E	Ch 02 16	
Lista (Storefjell)	58°09'·22N 6°42'·67E	Ch 07 16	
Lyngdal (Kalåskniben)	58°11'·55N 6°55'·95E	Ch 21	
Lysebotn (Forsand)	59°05'·50N 6°45'·75E	Ch 16 60	
Mandal (Husheia)	58°01'·45N 7°34'·71E	Ch 60	
Oslo (Tryvann)	59°59'·08N 10°40'·20E	Ch 16 66	
Porsgrunn (Vealøs)	59°14'·17N 9°51'·93E	Ch 01 16	
Risør (Ranvikheia)	58°42'·83N 9°12'·47E	Ch 16 20	
Sand (Preståsen)	59°29'·37N 6°15'·12E	Ch 02	
Sleipner A (The North Sea)	58°22'·00N 1°54'·42E	Ch 02 16	
Stavanger (Bokn)	59°13'·19N 5°25'·67E	Ch 16 28	
Stavanger (Ullandhaug)	58°56'·42N 5°42'·40E	Ch 16 61	
Stord (Kattnakken)	59°52'·43N 5°29'·63E	Ch 07 16	
Svensheia (Sogne)	58°05'·08N 7°54'·43E	Ch 20	
Tjøme	59°04'·82N 10°24'·37E	Ch 16 62	
Tønsberg	59°16'·08N 10°24'·73E	Ch 03	
Ula (The North Sea)	57°06'·67N 2°50'·82E	Ch 03 16	
Valhall (The North Sea)	56°16'·65N 3°23'·63E	Ch 16 22	

MARITIME SAFETY INFORMATION FOLLOWED BY TRAFFIC LISTS: All Channels shown in bold: 0233 0633 1033 1433 1833 2233

RT (MF)

	Position	Transmits	Receives	Hours of Watch
Central Area (South of 63°00'N)				
Bergen (MF aerial)	60°42'·72N 4°52'·20E	1728	2072	H24
		2177 ¹	2189·5 ¹	
		2182	2182	
		2642	3146	
		2667	3277	
		2670	3203	
		2878	1964	

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO SOUTH (LGQ) (Continued)

	Position	Transmits	Receives	Hours of Watch
Bergen (MF aerial)	60°42'·72N 4°52'·20E	3631	2449	
		3638	2456	
		3642	2470	
Florø	61°35'·86N 4°59'·88E	1680 (Ch 256)	2105	
		1719	2063	
		2177	2189-5	H24
		2182	2182	
		2646	3165	
		2649	3217	
		3645	2466	
Northern Area (South of 65°30'N)				
Ørlandet	63°39'·70N 9°32'·80E	1653	2078	
		1737	2081	
		1782 (Ch 290)	2126	
		2177	2189-5	H24
		2182	2182	
		2635	3200	
		3628	2463	
Southern Area (South of 60°00'N)				
Bergen (Rogaland)	58°39'·50N 5°36'·30E	2182	2182	
Farsund	58°04'·32N 6°44'·67E	1671 (Ch 253)	2096	
		1785 (Ch 291)	2129	
		2177 ¹	2189-5 ¹	H24
		2182	2182	
		2676	3214	
Jeløy	59°26'·21N 10°35'·66E	1665	2090	
		2177 ¹	2189-5 ¹		H24
		2182	2182	
Vigre (Rogaland)	58°39'·50N 5°36'·30E	1692 (Ch 260)	2117	
		1725 (Ch 271)	2069	
		2177 ¹	2189-5 ¹	H24
		2182	2182	
		2656	3210	
MARITIME SAFETY INFORMATION FOLLOWED BY TRAFFIC LISTS: All Channels shown in bold: 0233 0633 1033 1433 1833 2233				
¹ DSC Public Correspondence frequency				

(former updates 47/22, 51/22, 4/23, 8/23, 12/23, 16/23, 25/23)
Telenor Coast Radio website (RSDRA2023000168534) 29/23

VI

VOLUME 1, NP281(2), Third Edition, 2022

Published Wk 47/22

(Last Updates: Weekly Edition No. 28 dated 13 July 2023)

MARITIME RADIO STATIONS

PAGE 147, CHINA.

BASUO (XSH).

Delete entry and replace by:

BASUO (XSH)					
Control Centre: 19°05'·77N 108°38'·07E	MMSI 004123600	DSC MF HF 4 MHz			Diagram page 148
Telephone: +86 898 68621715	Fax: +86 898 68626066				
Call: Basuo Radio	Email: yjfyhk@nhhb.org.cn				

RT (MF)

	Position	Transmits	Receives	Hours of Watch
		2182	2182	H24

RT (HF)

	Position	Transmits	Receives	Hours of Watch
		4125	4125	H24

Radiotelex

	Position	Transmits	Receives	Hours of Watch
		2174-5	2174-5	H24
		4177-5	4177-5	

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 149, CHINA.

BEIHAI (XSK).

Delete entry and replace by:

BEIHAI (XSK)					
Control Centre: 21°28'·99N 109°04'·89E	MMSI 004123400	DSC VHF MF			Diagram page 148
Telephone: +86 779 3085597 +86 779 3085596	Fax: +86 779 3085596				
Call: Beihai Radio	Email: bhmsajdk@163.com				

VHF

Weizhou	21°02'·03N 109°06'·72E	Ch 16	H24
---------	------------------------	-------	-----

RT (MF)

	Position	Transmits	Receives	Hours of Watch
Hongkanchun	21°28'·27N 109°04'·95E	2182	2182	H24

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 149, CHINA.

DALIAN (XSZ).

Delete entry and replace by:

DALIAN (XSZ) [2014]					
Control Centre: 38°50'·69N 121°31'·09E	MMSI 004121300	DSC VHF MF		OBS	Diagram page 150
Telephone: +86 411 82623096	Fax: +86 411 82626051				
Call: Dalian Radio	Email: zbs@lnmsa.gov.cn				
NOTE(S): Station accepts Ships' Weather Reports addressed METEO BEIJING.					

Continued on next page

VHF

Haiyangdao	39°04'·00N 123°10'·70E	Ch 16	H24
Huangbaizui	38°54'·25N 121°42'·95E		
Laotieshan	38°43'·13N 121°34'·80E		
Tashan	39°31'·53N 121°13'·65E		

RT (MF)

	Position	Transmits	Receives	Hours of Watch
Shicao	38°52'·17N 121°41'·30E	2182	2182	H24

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

VOLUME 2, NP282(1), Fourth Edition, 2023

Published Wk 12/23

(Last Updates: Weekly Edition No. 28 dated 13 July 2023)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 84, CAMEROON, below Kribi Deep Sea Port Landing Buoy.

Insert:

Kribi Deep Sea Port Lt Buoy Alpha	2°44'·17N 9°48'·05E	996131047		Real	
Kribi Deep Sea Port Lt Buoy Bravo	2°43'·25N 9°47'·95E	996131046		Real	

(former update 23/23)

French Bulletin 23/23 (RSDRA2023000149814) 29/23

PAGE 84, CAMEROON.

Kribi Deep Sea Port Special Mark Lt Buoy No 2.

Delete entry

French Bulletin 23/23 (RSDRA2023000149814) 29/23

PAGE 98, FRANCE (English Channel).

Akrocean Fécamp Lidar Buoy.

Delete entry

French Bulletin 23/23 (RSDRA2023000149814) 29/23

PAGE 132, MOROCCO, below Tanger Med 2 Lt Bn.

Insert:

Tanger Méditerranée TM1	35°54'·70N 5°29'·10W	992425102		Virtual	
-------------------------	----------------------	-----------	--	---------	--

French Bulletin 23/23 (RSDRA2023000149814) 29/23

PAGE 164, SPAIN (North Coast), below Fugro Seawatch ODAS Lt Buoy WS073.

Insert:

Gijon ODAS Lt Buoy	43°37'·18N 5°39'·55W	992241222		Real	
--------------------	----------------------	-----------	--	------	--

(former update 25/23)

Spanish Bulletin 24/23 (RSDRA2023000160307) 29/23

VI

PAGE 210, UNITED KINGDOM.
EOLOS FLS200 Buoy E03.
 Delete entry

[UKHO \(RSDRA2023000161889\) 29/23](#)

PAGE 214, UNITED KINGDOM, below Mimas MD Offshore Platform.
 Insert:

Minsmere Kittiwake Artificial Nesting Structure No 1	52°14'·29N 1°39'·02E	992351402		Real	
--	----------------------	-----------	--	------	--

[Ørsted correspondence \(RSDRA2023000158439\) 29/23](#)

VOLUME 2, NP282(2), Fourth Edition, 2023

Published Wk 12/23
 (Last Updates: Weekly Edition No. 28 dated 13 July 2023)

RADAR BEACONS

PAGE 20, CHINA.
81287 Dabaipai Dao Lt Bn.
 Delete entry and replace by:

Xiaobaipai Dao Lt Bn	22°17'·23N 113°37'·09E	3				X		81287
----------------------	------------------------	---	--	--	--	---	--	-------

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

PAGE 20, CHINA, below 81317 Shenzen Gang Lt Buoy T17.
 Insert:

Mayou Shi Lt Vessel	22°16'·61N 113°48'·27E	3				K		81318-5
---------------------	------------------------	---	--	--	--	---	--	---------

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

PAGE 22, CHINA.
81377 Fanhe Gang Lt Buoy No 5.
 Delete entry and replace by:

Huizhou Haiwan Bridge Lt Bn No 5	22°45'·99N 114°45'·07E	3				D		81377
----------------------------------	------------------------	---	--	--	--	---	--	-------

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

PAGE 24, CHINA, below 81560 Baiyun Shan, Front Ldg Lt.
 Insert:

Langqi Daqiao Lt Bn No 26	26°05'·96N 119°32'·18E	3				B		81561-25
---------------------------	------------------------	---	--	--	--	---	--	----------

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

PAGE 24, CHINA.
81562-5 Qian Yu Lt Bn No 25.
 Delete entry and replace by:

Langqi Daqiao Lt Bn No 25	26°05'·96N 119°32'·18E	3				B		81562-5
---------------------------	------------------------	---	--	--	--	---	--	---------

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

VI

PAGE 28, CHINA.**81663 Xiangshan Gang Lt Buoy No 1.**

Delete entry and replace by:

Ningdian Lt Buoy No 1	29°40'14N 121°57'72E	3				X		81663
-----------------------	----------------------	---	--	--	--	---	--	-------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 30, CHINA.**81762 Shangyu Gang Ldg Lt.**

Delete entry and replace by:

Shangyu Gang Ldg Lt	30°10'42N 120°55'10E	3				X		81762
---------------------	----------------------	---	--	--	--	---	--	-------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 32, CHINA.**81883 Beicao Shuidao Lt Buoy D25.**

Delete entry

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 32, CHINA, below 81883 Beicao Shuidao Lt Buoy D25.

Insert:

Changjiang Kou Lt Buoy No 25	31°13'85N 122°05'92E	3				Q		81886-5
------------------------------	----------------------	---	--	--	--	---	--	---------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 34, CHINA.**81944 Changjiang Kou, Beijiao Lt.**

Delete entry and replace by:

Lianxing Port Lt	31°41'61N 121°52'82E	3				Q		81944
------------------	----------------------	---	--	--	--	---	--	-------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 34, CHINA.**81945 Changjiang Kou Lt Buoy No 1.**

Delete entry and replace by:

Qidong Lt Buoy No 1	31°41'91N 122°11'05E	3				O		81945
---------------------	----------------------	---	--	--	--	---	--	-------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 34, CHINA.**81949 Xiaoyang Gang Lt Bn.**

Delete entry and replace by:

Yangkou Gang NW Lt Bn	32°33'81N 121°02'30E	3				X		81949
-----------------------	----------------------	---	--	--	--	---	--	-------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 34, CHINA, below 81951-5 Sheyanghe Kou North Breakwater Lt No 1.

Insert:

Dafeng Gang Superbuoy	33°43'65N 120°49'11E	3				O		81952
-----------------------	----------------------	---	--	--	--	---	--	-------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

VI

PAGE 36, CHINA.
82020 Huangdao LANBY No 301.
 Delete entry and replace by:

Qingdao Gang LANBY No 301	36°01'85N 120°15'43E	3				M		82020
---------------------------	----------------------	---	--	--	--	---	--	-------

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 114, AUSTRALIA, below Victoria Western Channel Lt Buoy No 8.
 Insert:

Wide Bay Harbour Fairway	25°45'97S 153°08'39E	995036206		Virtual	
Wide Bay Harbour No 1	25°46'05S 153°07'60E	995036202		Virtual	
Wide Bay Harbour No 2	25°46'32S 153°07'72E	995036203		Virtual	
Wide Bay Harbour No 3	25°47'36S 153°05'90E	995036204		Virtual	
Wide Bay Harbour No 4	25°46'34S 153°07'22E	995036205		Virtual	
Wide Bay Harbour No 5	25°48'00S 153°04'90E	995036213		Virtual	

Australian ENC_AU426153_ED10_000 (RSDRA2023000162299) 29/23

PAGE 126, CHINA, below Baimutian Jiao Lt Buoy.
 Insert:

Ban Lu Shi	18°12'99N 109°21'03E	994136907	Broadcasts every 3 minutes	Virtual	
------------	----------------------	-----------	----------------------------	---------	--

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 128, CHINA.
Binhai Beiqu Lt Buoy No H7.
 Delete entry and replace by:

Binhai Beiqu Lt Bn No H7	34°32'33N 120°19'55E	999412180	Broadcasts every 3 minutes	Real	
--------------------------	----------------------	-----------	----------------------------	------	--

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 128, CHINA, below Binhai Bei Lt Buoy H5.
 Insert:

Binhai Beiqu Lt Bn No H8	34°32'32N 120°23'06E	999412181	Broadcasts every 3 minutes	Real	
Binhai Beiqu Lt Bn No H18	34°30'64N 120°15'13E	999412184	Broadcasts every 3 minutes	Real	

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 128, CHINA.
Binhai Beiqu Lt Buoy No H8.
 Delete entry

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 130, CHINA.
Binhai Beiqu Lt Buoy No H18.
 Delete entry

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

VI

PAGE 130, CHINA, below Binhai Nanqu Wind Tower Lt H2.

Insert:

Binzhou Gang No 9 Berth South Lt Bn	38° 17' 60N 118° 06' 78E	994121053	Broadcasts every 3 minutes	Real	
-------------------------------------	--------------------------	-----------	----------------------------	------	--

[Chinese Notice 24/778/23 \(RSDRA2023000161702\) 29/23](#)

PAGE 144, CHINA, below Dangan Shuidao Lt Vessel.

Insert:

Danger Lt Buoy	21° 53' 86N 113° 02' 14E	994136618	Broadcasts every 3 minutes	Virtual	
----------------	--------------------------	-----------	----------------------------	---------	--

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

**PAGE 148, CHINA.
EPD-1 Scientific Lt Buoy.**

Delete entry

[Hong Kong Notice 13/21/23 \(RSDRA2023000168162\) 29/23](#)

PAGE 150, CHINA, below Fu Yang 77 Wreck.

Insert:

Fushun 67 Wreck	26° 07' 35N 119° 55' 50E	994136417	Broadcasts every 3 minutes	Virtual	
-----------------	--------------------------	-----------	----------------------------	---------	--

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

**PAGE 162, CHINA.
Huangdao LANBY No 301.**

Delete entry

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

PAGE 162, CHINA, below Huarundian Gang Lt Buoy No 5.

Insert:

Huarundian Gang Lt Buoy No 6	22° 40' 70N 115° 04' 60E	994121623	Broadcasts every 3 minutes	Real	
------------------------------	--------------------------	-----------	----------------------------	------	--

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

**PAGE 170, CHINA.
LD322WHPA Platform.**

Delete entry

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

PAGE 172, CHINA, below LJJ Isolated Danger.

Insert:

Longkou Gangqu 111-1	37° 38' 31N 120° 14' 70E	994136524	Broadcasts every 3 minutes	Virtual	
----------------------	--------------------------	-----------	----------------------------	---------	--

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

PAGE 176, CHINA, below Mawan Outfalls.

Insert:

Mayou Shi Lt Vessel	22° 16' 61N 113° 48' 27E	999413095	Broadcasts every 5 minutes	Real	
---------------------	--------------------------	-----------	----------------------------	------	--

[Chinese List Of Radio Signals F101 2022 \(RSDRA2023000081328\) 29/23](#)

VI

PAGE 184, CHINA, below Pingtan Lt Buoy B1.

Insert:

Pingtan Lt Buoy K1	25°28'69N 119°39'69E	999412580	Broadcasts every 3 minutes	Real	
Pingtan Lt Buoy K2	25°28'25N 119°39'81E	999412581	Broadcasts every 3 minutes	Real	

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 184, CHINA, below Qidong H3 Offshore Wind Farm Lt Bn No 8.

Insert:

Qingdao Gang LANBY No 301	36°01'85N 120°15'43E	994131626	Broadcasts every 3 minutes	Real	
---------------------------	----------------------	-----------	----------------------------	------	--

(former update 12/23)

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 188, CHINA, below Qinhuangdao Gang Wind Measurement Lt Buoy No 1.

Insert:

Qinshan H1-1	39°54'98N 119°41'45E	994136001	Broadcasts every 3 minutes	Virtual	
Qinshan H2-2	39°54'97N 119°41'56E	994136002	Broadcasts every 3 minutes	Virtual	

(former update 12/23)

Chinese Notice 24/777/23 (RSDRA2023000161702) 29/23

PAGE 190, CHINA, below Qinzhou Gang No 66B.

Insert:

Qin Zhou Gang No 69A	21°41'11N 108°37'76E	994136716	Broadcasts every 3 minutes	Virtual	
----------------------	----------------------	-----------	----------------------------	---------	--

(former update 21/23)

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 196, CHINA, below SGN 318 Wreck.

Insert:

SH116 Wreck	25°41'47N 119°38'43E	994136466	Broadcasts every 3 minutes	Virtual	
Note: Isolated Danger Mark					

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 198, CHINA, below Shen Shui Nan Jie 13 (NJ13).

Insert:

Sheng Xing 6 Wreck	26°23'10N 119°58'45E	994136355	Broadcasts every 3 minutes	Virtual	
--------------------	----------------------	-----------	----------------------------	---------	--

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

PAGE 208, CHINA, below Wong Fa Pai Lt Buoy PWWHK.

Insert:

Wreck Wu Ming	21°03'78N 110°43'87E	994136750	Broadcasts every 3 minutes	Virtual	
---------------	----------------------	-----------	----------------------------	---------	--

(former update 15/23)

Chinese List Of Radio Signals F101 2022 (RSDRA2023000081328) 29/23

VI

PAGE 318, URUGUAY, below Paso del Farallón Lt Buoy Km 67.3.

Insert:

Terminal Portuaria Punta Pereira Metocean Lt Buoy No 1	34° 13' 38S 58° 04' 91W	997701010		Real	
Terminal Portuaria Punta Pereira Metocean Lt Buoy No 2	34° 13' 49S 58° 04' 64W	997701011		Real	

(former update 20/23)

Uruguayan Notice 5/54/23 and SOHMA - Armada Nacional correspondence (RSDRA2023000150784 & RSDRA2023000166687) 29/23

VOLUME 3, NP283(1), Third Edition, 2022

Published Wk 48/22

(Last Updates: Weekly Edition No. 28 dated 13 July 2023)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

**PAGES 183, 184, and 185, NORWAY.
NORWEGIAN COASTAL RADIO NORTH (LGP).**

Delete entry and replace by:

NORWEGIAN COASTAL RADIO NORTH (LGP)				
Control Centre: 67° 16' 29N 14° 23' 29E				
A	4210	RADIO-TELEX	Hammerfjell (Hammerfest) HF Aerial	70° 43' 01N 23° 47' 54E
B	8416-5			
C	4357			
D	1659	RT (MF)	Isfjord/Svalbard	78° 03' 70N 13° 36' 98E
	1695		Andenes	69° 16' 67N 16° 00' 92E
	1770		Berlevåg	70° 51' 78N 29° 04' 57E
	1635		Bodø	67° 16' 48N 14° 23' 48E
	1731		Hammerfest (Hammerfjell)	70° 41' 50N 23° 40' 42E
	1743		Isfjord/Svalbard	78° 03' 70N 13° 36' 98E
	1710		Jan Mayen	70° 56' 68N 8° 40' 02W
	1713		Sandnessjøen	66° 01' 17N 12° 36' 53E
			1713	Vardø (Domen) MF Aerial	70° 22' 00N 31° 06' 00E
Northern Area (North of 69° 30' N)				
E	Ch 28	VHF	Alta (Helligfjell)	70° 06' 80N 22° 55' 95E
	Ch 61		Båtsfjord (Hamnefjell)	70° 40' 15N 29° 42' 70E
	Ch 07		Berlevåg	70° 51' 78N 29° 04' 57E
	Ch 66		Bjørnøya	74° 30' 16N 18° 59' 72E
	Ch 27		Bodø	67° 16' 48N 14° 23' 48E
	Ch 05		Hammerfest (Hammerfjell)	70° 41' 50N 23° 40' 42E
	Ch 21		Hammerfest (Tyven)	70° 38' 37N 23° 41' 78E
	Ch 61		Havøysund (Havoygavlen)	71° 00' 00N 24° 36' 00E
	Ch 60		Isfjord/Svalbard	78° 03' 70N 13° 36' 98E
	Ch 20		Jan Mayen	70° 56' 68N 8° 40' 02W
	Ch 65		Karlsøy (Torsvåg)	70° 14' 53N 19° 30' 10E
	Ch 20		Kirkenes	69° 45' 04N 30° 07' 97E
	Ch 64		Lebesby (Oksen)	70° 57' 88N 27° 21' 05E
	Ch 02		Mehamn (Trollhetta)	71° 03' 00N 28° 07' 00E
	Ch 20		Nordkapp (Honningsvåg fjell)	70° 58' 97N 25° 53' 90E
	Ch 01		Platåfjellet (Longyearbyen)	78° 14' 30N 15° 21' 10E
	Ch 02		Sandnessjøen	66° 01' 17N 12° 36' 53E
			Ch 02	Skjervøy (Stussnesfjell)	70° 01' 45N 20° 58' 95E

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO NORTH (LGP) (Continued)

E	Ch 66	VHF	Skjervoy (Trolltind)	70°04'·47N 20°26'·00E		
	Ch 28		Skolten (Svalbard)	78°08'·97N 16°39'·48E		
	Ch 66		Tana (Algasvarre)	70°28'·08N 28°13'·42E		
	Ch 81		Tromsø (Hillesoy)	69°38'·52N 17°58'·40E		
	Ch 01		Tromsø (Røstbakken)	69°38'·82N 18°55'·32E		
	Ch 60		Tromsø (Sandøy)	70°02'·65N 18°32'·80E		
	Ch 07		Tromsø (Tønsnes)	69°43'·08N 19°07'·83E		
	Ch 60		Varangerfjord (Torsvade)	70°05'·83N 29°49'·15E		
	Ch 01		Vardø (Domen)	70°20'·13N 31°02'·00E		
	Ch 05		Vevelstad Vistenfjord	65°38'·98N 12°37'·47E		
	Ch 62		Zeppelinfjellet (Svalbard)	78°54'·40N 11°53'·32E		
	Central Area (North of 67° 30' N)					
	F		Ch 61	VHF	Andenes (Ramnan)	69°16'·42N 16°00'·48E
Ch 66		Harstad (Harstadåsen)	68°47'·90N 16°30'·98E			
Ch 64		Harstad (Sørrollnes)	68°43'·70N 16°50'·42E			
Ch 28		Lenvik (Kistefjell)	69°17'·52N 18°08'·43E			
Ch 07		Lødingen (Fenes)	68°24'·08N 15°58'·32E			
Ch 01		Raften (Svolvær)	68°24'·18N 15°07'·03E			
Ch 62		Stamnes (Sortland)	68°48'·70N 15°28'·90E			
Ch 60		Steigen (Småtindane)	67°49'·95N 15°00'·35E			
Ch 65		Storheia (Hadsel)	68°32'·65N 14°52'·23E			
Ch 02		Tjelsundet (Balstadaasen)	68°33'·63N 16°16'·63E			
Ch 03		Tysfjord (Hellandsberg)	68°01'·77N 16°06'·83E			
Ch 64		Værøy	67°39'·83N 12°37'·55E			
Ch 05		Veggen (Narvik)	68°27'·80N 17°10'·00E			
Ch 20		Vesterålen (Kraakenes)	68°56'·55N 15°01'·43E			
			Vestvagoy (Kvalnes)		68°20'·55N 13°57'·65E	
Southern Area (North of 65° 30' N)						
G	Ch 01	VHF	Leirfjord (Horva)	66°00'·90N 12°49'·20E		
	Ch 61		Meløy	66°51'·27N 13°38'·87E		
	Ch 28		Mo i Rana (Vettahaugen)	66°12'·00N 13°44'·00E		
	Ch 07		Nesna	66°11'·90N 13°00'·63E		
	Ch 66		Rønvikfjell/ Bodø	67°18'·20N 14°26'·80E		
	Ch 62		Sorfold (Fornesfjell)	67°25'·85N 15°27'·38E		
	Ch 20		Traenfjord (Hestmannen)	66°31'·87N 12°49'·05E		
	Ch 60		Vega (Gulsvåg fjell)	65°39'·00N 11°49'·72E		
	Diagrams pages 181 and 182					
Weather Bulletins	A: 1115 2315 B: 1100 2300	METAREA XIX bulletins for arctic waters that are not covered by the INMARSAT SafetyNet service.				
	C, D: 1203 2303	Weather forecast in English and Norwegian for coastal waters off northern Norway (65°N to 70°N and from 0° to 10°W). Area north and north-east of Iceland and north-eastern part of Denmark Strait. Norwegian, Arctic and Barents Seas (north of 70°N).				
	E-G: 0900 1200 1500 1800 2100 LT	Local weather forecasts.				

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO NORTH (LGP) (Continued)

Navigational Warnings	D-G: On receipt 0233 0633 1033 1433 1833 2233	Storm and gale warnings for coastal waters and adjoining Sea Areas in English and Norwegian. Navigational Warnings in English and Norwegian. Vital and important navigational warnings are broadcast on receipt and at the next two scheduled times. All warnings are repeated daily at 1033 for 7 days.
	A: 0645 1845 B: 0630 1830	NAVAREA XIX warnings are broadcast twice a day for arctic waters that are not covered by the INMARSAT SafetyNet service.
	A: (Tues) 2315 B: (Tues) 2300	Ice reports.
	A-G: On request	Storm and gale warnings, Navigational Warnings and ice reports.
NOTE(S): 1. Initial VHF & MF broadcasts of vital storm warnings (force 9 and up) and very important navigational warnings are made after prior announcement on DSC, followed by further announcement on VHF Ch 16 and 2182 kHz. Warnings are then broadcast on the working channels. 2. Initial VHF & MF broadcasts of important navigational and strong wind warnings (less than force 9) are announced only on VHF Ch 16 and 2182 kHz before being broadcast on the working channels.		

(former updates 48/22, 8/23, 12/23, 25/23)

Telenor Coast Radio website (RSDRA2023000168534) 29/23

PAGES 185, 186 and 187, NORWAY.
NORWEGIAN COASTAL RADIO SOUTH (LGQ).
Delete entry and replace by:

NORWEGIAN COASTAL RADIO SOUTH (LGQ)				
Control Centre: 58°53'35N 5°38'02E				
A	1728	RT (MF)	Bergen (MF aerial)	60°42'72N 4°52'20E
	1785		Farsund	58°04'32N 6°44'67E
	1680		Florø	61°35'86N 4°59'88E
	1665		Jeløy	59°26'21N 10°35'66E
	1782		Ørlandet	63°39'70N 9°32'80E
	1692		Vigre (Rogaland)	58°39'50N 5°36'30E
Northern Area (South of 65°30'N)				
B	Ch 02	VHF	Åsgård B (The North Sea)	65°07'02N 6°47'60E
	Ch 03		Buholmraen (Yttervag)	64°17'83N 10°17'90E
	Ch 01		Draugen (The North Sea)	64°21'25N 7°47'35E
	Ch 64		Heidrun (The North Sea)	65°19'75N 7°19'60E
	Ch 66		Kristiansund (Varden)	63°06'95N 7°42'75E
	Ch 64		Litlefonni (Tjeldbergodden)	63°22'80N 8°42'92E
	Ch 07		Mosvik (Skavlen)	63°46'32N 10°57'05E
	Ch 62		Namsos (Spillumsaksla)	64°26'53N 11°32'27E
	Ch 27		Ørland (Kopparen)	63°48'40N 9°44'30E
	Ch 20		Rørvik (Falkhetta)	64°52'75N 11°13'53E
	Ch 65		Stjørdal (Forbordsfjell)	63°31'62N 10°53'27E
	Central Area (South of 63°00'N)			
C	Ch 02	VHF	Ålesund (Aksla)	62°28'57N 6°10'75E
	Ch 07		Aurland	60°54'35N 7°11'52E
	Ch 62		Bangsberg (Mjøsa)	60°50'77N 10°53'85E
	Ch 05		Bergen (Lindås)	60°34'63N 5°19'73E
	Ch 60		Bergen (Rundemanen)	60°24'77N 5°21'93E
	Ch 05		Brattvåg (Gamlemstveten)	62°34'52N 6°19'12E
	Ch 61		Bremanger	61°50'40N 4°59'22E
	Ch 05		Fjærland	61°25'37N 6°45'52E
	Ch 28		Florø (Storåsen)	61°35'55N 5°01'58E
	Ch 21		Fosnavåg (Nerlandshorn)	62°20'95N 5°33'18E
	Ch 61		Geiranger	62°07'37N 7°11'48E

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO SOUTH (LGQ) (Continued)

C	Ch 60	VHF	Gudvangen	60°52'.00N 6°50'.78E
	Ch 02		Gulen	61°02'.06N 5°09'.30E
	Ch 66		Gullfaks A (The North Sea)	61°10'.90N 2°11'.43E
	Ch 81		Hareid (Hjørungnes)	62°21'.53N 6°07'.40E
	Ch 20		Hellesylt (Ljønibba)	62°05'.02N 6°53'.48E
	Ch 01		I. Hardanger (Grimo)	60°24'.37N 6°38'.17E
	Ch 07		Kinn	61°33'.42N 4°45'.50E
	Ch 64		Ligtvor (Balestrand)	61°06'.08N 6°32'.13E
	Ch 62		Måløy (Raudeberg)	61°59'.23N 5°09'.08E
	Ch 64		Molde	62°45'.16N 7°07'.97E
	Ch 65		Nordfjordeid (Sagtennene)	61°53'.40N 6°06'.50E
	Ch 03		Ørskogfjellet	62°30'.95N 6°52'.33E
	Ch 20		Oseberg A (The North Sea)	60°29'.90N 2°50'.05E
	Ch 66		Snorre (The North Sea)	61°27'.25N 2°09'.07E
			Sogndal (Storehogen)	61°10'.38N 7°07'.15E
			Sotra (Pyttane)	60°19'.09N 5°06'.54E
			Tingvoll (Reinsfjell)	62°55'.85N 7°55'.62E
	Y. Hardanger (Ljoneshøgda)	60°15'.83N 6°10'.15E		
Southern Area (South of 60°00'N)				
D	Ch 05	VHF	Arendal (Hisøy)	58°26'.02N 8°44'.63E
	Ch 64		Bjerkreim (Urdalsnipa)	58°37'.99N 5°57'.64E
	Ch 61		Drammen (Bukten)	59°40'.38N 10°26'.02E
	Ch 66		Draupner (The North Sea)	58°11'.29N 2°28'.26E
	Ch 20		Ekofisk (The North Sea)	56°32'.56N 3°13'.03E
	Ch 01		Farsund	58°04'.32N 6°44'.67E
	Ch 07		Halden (Hoyås)	59°10'.52N 11°25'.67E
	Ch 01		Haugesund (Steinsfjeld)	59°25'.30N 5°19'.67E
	Ch 05		Heimdal (The North Sea)	59°34'.42N 2°13'.63E
	Ch 02		Horten	59°24'.83N 10°28'.92E
	Ch 61		Kristiansand (Dolsveden)	58°08'.15N 8°08'.02E
	Ch 20		Lifjell (Sandnes)	58°55'.19N 5°47'.38E
	Ch 81		Lillesand (Justoeya)	58°12'.47N 8°20'.83E
	Ch 02		Lindesnes (Skibmannsheia)	58°01'.26N 7°03'.42E
	Ch 07		Lista (Storefjell)	58°09'.22N 6°42'.67E
	Ch 21		Lyngdal (Kalåskniben)	58°11'.55N 6°55'.95E
	Ch 60		Mandal (Husheia)	58°01'.45N 7°34'.71E
	Ch 66		Oslo (Tryvann)	59°59'.08N 10°40'.20E
	Ch 01		Porsgrunn (Vealøs)	59°14'.17N 9°51'.93E
	Ch 20		Risør (Ranvikheia)	58°42'.83N 9°12'.47E
	Ch 02		Sand (Preståsen)	59°29'.37N 6°15'.12E
	Ch 28		Sleipner A (The North Sea)	58°22'.00N 1°54'.42E
	Ch 61		Stavanger (Bokn)	59°13'.19N 5°25'.67E
	Ch 07		Stavanger (Ullandhaug)	58°56'.42N 5°42'.40E
	Ch 20		Stord (Kattnakken)	59°52'.43N 5°29'.63E
	Ch 62		Svensheia (Sogne)	58°05'.08N 7°54'.43E
	Ch 03		Tjøme	59°04'.82N 10°24'.37E
			Tønsberg	59°16'.08N 10°24'.73E

Continued on next page

VI

NORWAY

NORWEGIAN COASTAL RADIO SOUTH (LGQ) (Continued)

D	Ch 03	VHF	Ula (The North Sea)	57°06'·67N 2°50'·82E
	Ch 22		Valhall (The North Sea)	56°16'·65N 3°23'·63E
Diagrams pages 181 and 182				
Weather Bulletins	A-D: 1215 2315	Weather forecast in English and Norwegian for North Sea, coastal waters off southern and western Norway including Haltenbank, area from Storegga-Haltenbank to Greenwich meridian, Norwegian Sea between 63°N and 65°N and from 0° to 10°W.		
	B-D: 0900 1200 1500 1800 2100 LT	Local weather forecasts.		
Navigational Warnings	A-D: On receipt 0233 0633 1033 1433 1833 2233	Storm and gale warnings for coastal waters and adjoining Sea Areas in English and Norwegian. Navigational Warnings in English and Norwegian. Vital and important navigational warnings are broadcast on receipt and at the next two scheduled times. All warnings are repeated daily at 1033 for 7 days.		
	A-D: On request	Storm and gale warnings, Navigational Warnings and ice reports.		
NOTE(S):				
<ol style="list-style-type: none"> 1. Initial VHF & MF broadcasts: Important navigational and strong wind warnings (below force 9) are announced on VHF Ch 16 and 2182 kHz before being broadcast on the working channels. Additionally, vital storm warnings (force 9 and up) and very important navigational warnings are augmented by prior announcement on DSC. 2. Further changes to the VHF frequencies for other aerials are planned over the coming months. These will be updated by Notice to Mariner in due course. 				

(former updates 48/22, 51/22, 4/23, 8/23, 12/23, 16/23, 25/23)
Telenor Coast Radio website (RSDRA2023000168534) 29/23

VOLUME 6, NP286(2), Fourth Edition, 2023

Published Wk 24/23

*(Last Updates: Weekly Edition No. 28 dated 13 July 2023)***PAGE 427, SWEDEN, MÅLAREN and LANDSORT, Nockebybron (Bridge), CONTACT DETAILS section.**

Delete and replace by:

CONTACT DETAILS:

VHF Channel: Ch 14
 Telephone: +46(0)706 224968
 Website: www.sjofartsverket.se/en/services/bridges-and-canals

Swedish Notice 969/17764/23. (RSDRA2023000167068). 29/23

VOLUME 6, NP286(3), Fourth Edition, 2023

Published Wk 27/23

*(Last Updates: Weekly Edition No. 28 dated 13 July 2023)***PAGE 90, FRANCE (Mediterranean Coast), LUCCIANA OIL TERMINAL, Bastia, Corse, Pilots, PROCEDURE, section (1).**

Delete and replace by:

(1) **Pilotage is compulsory** for vessels of 45m and over LOA.

French Bulletin 20/23. (RSDRA2023000130900). 29/23

VOLUME 6, NP286(4), Third Edition, 2022

Published Wk 36/22

*(Last Updates: Weekly Edition No. 27 dated 06 July 2023)***PAGES 21 & 22, AUSTRALIA, BOTANY BAY, N.S.W.**

Delete entry and replace by:

BOTANY BAY, N.S.W.
UNCTAD LOCODE: AU BTB

33° 59'S 151° 15'E

See diagram SYDNEY VESSEL TRAFFIC SERVICE.

See diagram PORT BOTANY.

Pilots**CONTACT DETAILS:**

VHF Channel: Ch 12; 06
 Telephone: +61(0)2 92964999
 Fax: +61(0)2 92964744
 E-mail: pilotenquiries@portauthoritynsw.com.au

HOURS: H24**PROCEDURE:****(1) Inward-bound vessels:**

- (a) **Pilotage is compulsory** for all vessels of 30m and over LOA (unless exempted). This includes combinations of vessels, the combined length of which is between 30m and 80m LOA.
- (b) **Pilot ordering:** Preliminary arrangements for a Pilot must be made through a local agent registered with the Corporation

(2) The Pilot will establish radio contact with the inward-bound vessel on VHF Ch 12 before transferring to VHF Ch 06 for boarding instructions and operation.

(3) **Pilot boards** in position 34°01'02S 151°18'88E (4.15 n miles due E of Cape Solander).**(4) Outward-bound vessels:**

- (a) The Pilot, on boarding an outward-bound vessel, will contact Sydney VTS on VHF Ch 12 to confirm the vessels readiness to depart and to request departure clearance. The vessel will be in radio communication from this time.
- (b) An exempt Master shall contact Sydney VTS on VHF Ch 12, 15 mins prior to departure to confirm readiness to depart and to request departure clearance. The vessel will be in radio communication from this time.
- (c) Immediately prior to departure, the vessel should contact Sydney VTS on VHF Ch 12 for final departure clearance.

Vessel Traffic Service**DESCRIPTION:**

For details see SYDNEY, N.S.W

CONTACT DETAILS:

Call: Sydney VTS
 VHF Channel: Ch 16; 12 13
 Telephone: +61(0)2 92964999
 E-mail: sydneyvts@portauthoritynsw.com.au
 Website: www.portauthoritynsw.com.au

HOURS: H24**PROCEDURE:**

- (1) All vessels of LOA 30m and over are required to participate in the VTS.
- (2) Vessels towing or pushing a tow, where the combined length of tug and tow is equal to or greater than 30m are considered to be participating vessels.
- (3) Masters of vessels bound for Sydney Harbour and Botany Bay are requested to send their notice of ETA (Pre-arrival declaration Form 20), by e-mail to Sydney VTS 12-24h beforehand stating:
 - (a) ETA
 - (b) Arrival draught (forward and aft)
 - (c) Displacement on arrival
 - (d) Confirmation that bow thruster, if fitted, is 100% operational
 - (e) Information on any defects
 - (f) LOA
- (4) On receipt of the ETA notice, Sydney VTS will advise Pilot boarding time and Pilot ladder information by return e-mail.
- (5) Vessels should maintain watch on VHF Ch 12 and confirm their position and ETA on VHF Ch 12 to Sydney VTS when 2h from the Pilot boarding position.
- (6) Vessels should contact Sydney VTS on VHF Ch 12 when 5 n miles from the Pilot boarding position confirming their ETA.
- (7) Vessels must obtain clearance from Sydney VTS prior to entering port.
- (8) The Master of any vessel participating in Sydney VTS must not anchor anywhere within port limits without prior consent of the Hr Mr. The Hr Mr's consent is sought through Sydney VTS.
- (9) Vessels must advise Sydney VTS when secured to a berth or buoy or brought-up to anchor.
- (10) Vessels must maintain a VHF radio watch on the relevant channel when navigating in the VTS area, or using a berth or anchorage mentioned in the documentation on the Port Authority website, unless otherwise agreed by the Hr Mr.

*continued on next page**continued on next column*

(11) **Shifting Vessels:** The Port Authority will determine the requirement for a Marine Pilot and/or tug(s) to attend the vessel. Approval must be sought through Sydney VTS at least 24h in advance via the Port Authority Vessel Booking System unless otherwise authorised by the Hr Mr. The following information should be provided at the time of the application:

- (a) Reason for shifting
- (b) Distance to be shifted
- (c) Minimum under keel clearance at the time of shifting

(12) Vessels departing are requested to:

- (a) Send a Departure Declaration Form 6-12h before booked departure time by e-mail to Sydney VTS
- (b) Seek permission from Sydney VTS to depart port boundaries and to move or anchor within VTS coverage area

REPORTING POINTS:

Vessels, unless fitted with AIS, are required to report to Sydney VTS on VHF Ch 12 when passing the following Reporting Points:

Reporting Points	Position
S of Henry Head	34°00'·40S 151°14'·32E
S of Molineux P	33°59'·17S 151°12'·68E
N of Towra Pt (inward-bound only)	33°59'·52S 151°10'·17E
Wedding Cake Island (transiting VTS sectors)	A line extending E between Wedding Cake Island (33°55'·55S 151°15'·92E) and the VTS limit

INFORMATION BROADCASTS:

For details see SYDNEY, N.S.W.

Port

For details see SYDNEY, N.S.W.

Tugs

For details see SYDNEY, N.S.W.

Sydney Harbour and Port Botany Hr Mr Directions 2023, (RSDRA2023000125191), 29/23

PAGE 22, below AUSTRALIA, BOTANY BAY, N.S.W entry.

Insert new diagram PORT BOTANY on page 6.28

Sydney Harbour and Port Botany Hr Mr Directions 2023, (RSDRA2023000125191), 29/23

PAGES 89 & 91, AUSTRALIA, SYDNEY, N.S.W. (PORT JACKSON).

Delete entry and replace by:

SYDNEY, N.S.W. (PORT JACKSON)

33°51'S 151°13'E

UNCTAD LOCODE: AU SYD

See diagram SYDNEY VESSEL TRAFFIC SERVICE.

See diagram SYDNEY HARBOUR.

Pilots

CONTACT DETAILS:

Pilots

Telephone: +61(0)2 92964999
 Fax: +61(0)2 92964744
 E-mail: pilotenquiries@portauthoritiesnsw.com.au

Pilot Boarding

VHF Channel: Ch 06

HOURS: H24

continued on next column

PROCEDURE:

(1) Inward-bound vessels:

(a) **Pilotage is compulsory** for all vessels of 30m and over LOA (unless exempted). This includes combinations of vessels, the combined length of which is between 30m and 80m LOA.

(b) **Pilot ordering:** Preliminary arrangements for a Pilot must be made through a local agent registered with the Corporation

(2) The Pilot will establish radio contact with the inward-bound vessel on VHF Ch 13 before transferring to VHF Ch 06 for boarding instructions and operation.

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

(a) 34°01'·02S 151°18'·88E (4.15 n miles due E of Cape Solander)

(b) 33°50'·05S 151°21'·64E (4 n miles E of Hornby Lt) (by prior arrangement)

(4) Outward-bound vessels:

(a) The Pilot, on boarding an outward-bound vessel, will contact Sydney VTS on VHF Ch 13 to confirm the vessel's readiness to depart and to request departure clearance. The vessel will be in radio communication from this time.

(b) An exempt Master shall contact Sydney VTS on VHF Ch 13, 15 mins prior to departure to confirm readiness to depart and to request departure clearance. The vessel will be in radio communication from this time.

(c) Immediately prior to departure, the vessel should contact Sydney VTS on VHF Ch 13 for final departure clearance

(d) **Pilot disembarkation** is at the Pilot Boarding Area off Port Botany (see BOTANY BAY)

Vessel Traffic Service

DESCRIPTION:

(1) Sydney VTS is divided into two sectors:

- (a) Sydney Harbour
- (b) Port Botany

(2) Participating vessels are required to seek clearance to enter, leave or move within the VTS area and to report when passing Reporting Points.

(3) Sydney VTS will:

- (a) Monitor all movements of participating vessels
- (b) Provide vessel movement updates and information
- (c) Direct vessels as required
- (d) Provide an efficient communications base during any emergency situation which may develop in the ports
- (e) Advise mariners on the initiation, continuation and termination of activities within the port area which may affect the safe passage of vessels
- (f) Provide navigational information and warnings to mariners

CONTACT DETAILS:

Call: Sydney VTS
 VHF Channel: Ch 16; 12 13
 Telephone: +61(0)2 92964999
 E-mail: sydneyvts@portauthoritiesnsw.com.au
 Website: www.portauthoritiesnsw.com.au

HOURS: H24

PROCEDURE:

(1) All vessels of LOA 30m and over are required to participate in the VTS.

(2) Vessels towing or pushing a tow, where the combined length of tug and tow is equal to or greater than 30m are considered to be participating vessels.

(3) Masters of vessels bound for Sydney Harbour and Botany Bay are requested to send their notice of ETA (Pre-arrival declaration Form 20), by e-mail to Sydney VTS 12-24h beforehand stating:

- (a) ETA
- (b) Arrival draught (forward and aft)
- (c) Displacement on arrival
- (d) Confirmation that bow thruster, if fitted, is 100% operational
- (e) Information on any defects
- (f) LOA

(4) On receipt of the ETA notice, Sydney VTS will advise Pilot boarding time and Pilot ladder information by return e-mail.

(5) Vessels should maintain watch on VHF Ch 13 and confirm their position and ETA on VHF Ch 12 to Sydney VTS when 2h from the Pilot boarding position.

continued on next page

VI

(6) Vessels should contact Sydney VTS on VHF Ch 13 when 5 n miles from the Pilot boarding position confirming their ETA.

(7) Vessels must obtain clearance from Sydney VTS prior to entering port.

(8) The Master of any vessel participating in Sydney VTS must not anchor anywhere within port limits without prior consent of the Hr Mr. The Hr Mr's consent is sought through Sydney VTS.

(9) Vessels must advise Sydney VTS when secured to a berth or buoy or brought-up to anchor.

(10) Vessels must maintain a VHF radio watch on the relevant channel when navigating in the VTS area, or using a berth or anchorage mentioned in the documentation on the Port Authority website, unless otherwise agreed by the Hr Mr.

(11) **Shifting Vessels:** The Port Authority will determine the requirement for a Marine Pilot and/or tug(s) to attend the vessel. Approval must be sought through Sydney VTS at least 24h in advance via the Port Authority Vessel Booking System unless otherwise authorised by the Hr Mr. The following information should be provided at the time of the application:

- (a) Reason for shifting
- (b) Distance to be shifted
- (c) Minimum under keel clearance at the time of shifting

(12) Vessels departing are requested to:

- (a) Send a Departure Declaration Form 6-12h before booked departure time by e-mail to Sydney VTS
- (b) Seek permission from Sydney VTS to depart port boundaries and to move or anchor within VTS coverage area

REPORTING POINTS:

Vessels, unless fitted with AIS, are required to report to Sydney VTS on VHF Ch 13 when passing the following Reporting Points:

Reporting Points	Position
North Head	33°49'·80S 151°17'·73E
North of Middle Head (outward-bound only)	33°49'·25S 151°16'·28E
Junction buoy	33°49'·77S 151°16'·38E
Bradley's Head	33°51'·43S 151°14'·90E
Fort Denison	33°51'·30S 151°13'·47E
Longnose Point	33°50'·71S 151°11'·27E
Wedding Cake Island (transiting VTS sectors)	A line extending E between Wedding Cake Island (33°55'·55S 151°15'·92E) and the VTS limit

INFORMATION BROADCASTS:

Sydney VTS provides navigational, weather, tidal and shipping movement information in the table below. Masters are requested to monitor these broadcasts while approaching the port to familiarise themselves with local traffic movements. Requests for Navigational Warning broadcasts may be made to the VTS by VHF or telephone. Broadcasts of local and coastal Navigational Warnings are also made by Sydney Coast Radio (see NP283(2)).

Information	VHF Ch	Time
Navigation warnings, weather, tidal and shipping movement information	12	0005, 0205, 0405, 0605, 0805, 1005, 1205, 1405, 1605, 1805, 2005, 2205
Navigation warnings, weather, tidal and shipping movement information	13	0105, 0305, 0505, 0705, 0905, 1105, 1305, 1505, 1705, 1905, 2105, 2305

continued on next column

Port

CONTACT DETAILS:

Port Authority

Telephone: +61(0)2 92964999
 Fax: +61(0)2 92964742
 E-mail: enquiries@portauthoritynsw.com.au
 Website: www.portauthoritynsw.com.au

Hr Mr

Telephone: +61(0)2 92964650
 Fax: +61(0)2 92964744
 E-mail: harbourmaster@portauthoritynsw.com.au

Tugs

CONTACT DETAILS:

VHF Channel: Ch 08 10 68 69 72

PROCEDURE:

Notification of intended port arrival or departure routes for tug and barge operations are to be submitted to Sydney VTS a minimum of 12h prior to arrival or departure.

Sydney Harbour and Port Botany Hr Mr Directions 2023. (RSDRA2023000125191). 29/23

PAGE 90, diagram SYDNEY (PORT JACKSON) VESSEL TRAFFIC SERVICE, legend in approximate position 33°53'S 151°09'E.

Delete:

SYDNEY (PORT JACKSON) VESSEL TRAFFIC SERVICE

and replace by:

SYDNEY HARBOUR

Sydney Harbour and Port Botany Hr Mr Directions 2023. (RSDRA2023000125191). 29/23

PAGE 90, SYDNEY, NSW. (PORT JACKSON), above diagram SYDNEY (PORT JACKSON) VESSEL TRAFFIC SERVICE.

Insert new diagram SYDNEY VESSEL TRAFFIC SERVICE on page 6.29

Sydney Harbour and Port Botany Hr Mr Directions 2023. (RSDRA2023000125191). 29/23

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

Published Wk 03/23

(Last Updates: Weekly Edition No. 28 dated 13 July 2023)

PAGE 190, JAPAN, above HACHINOHE, Honshu entry.

Insert new entry:

HABU

UNCTAD LOCODE: JP HAB

34°17'N 133°12'E

Port

CONTACT DETAILS:

Telephone: +81(0)845 222298

Tugs

PROCEDURE:

Tugs are available.

Japan Coast Guard Publication 303/19. (RSDRA2019000079322). 29/23

VI

PAGE 195, JAPAN, HIROSHIMA, Honshu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Port

Call: Hiroshima Port Radio
VHF Channel: Ch 16; 11 12 14
Telephone: +81(0)82 2516033

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)82 2533111 (Hiroshima Coast Guard Office)

Port Authority

Telephone: +81(0)82 2517117 (Port and Harbour Office)
+81(0)82 2242285
Fax: +81(0)82 2232463
E-mail: dokouwan@pref.hiroshima.lg.jp
Website: www.pref.hiroshima.lg.jp

HOURS: H24

FOG WARNINGS:

Broadcast in English on VHF Chs 16 and 12 when visibility falls below 1 n mile in Kurushima Kaikyo.

Tugs

PROCEDURE:

Tugs are available.

Japan Coast Guard Publication 303/19, (RSDRA2019000079322), 29/23

PAGE 197, JAPAN, IMABARI, Shikoku, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)898 235515 (Imabari Coast Guard Office)

Port Authority

Telephone: +81(0)898 361545
E-mail: kouwanka@imabari-city.jp

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

Japan Coast Guard Publication 303/19, (RSDRA2019000079322), 29/23

PAGE 204, JAPAN, IWAKUNI, Honshu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)82 7216118 (Iwakuni Coast Guard Station)

Port Authority

Telephone: +81(0)83 9333817
Fax: +81(0)83 9333829
E-mail: a18700@pref.yamaguchi.lg.jp
Website: www.pref.yamaguchi.lg.jp/cms/a16200/cruise/info_iwakuni.html

HOURS: H24

Tugs

PROCEDURE:

Tugs are available

Japan Coast Guard Publication 303/19, (RSDRA2019000079322), 29/23

PAGE 208, JAPAN, KANDA, Kyushu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Call: Kanda Port Radio
VHF Channel: Ch 16; 07 12 14 20 64
Telephone: +81(0)93 3830106

Hr Mr

Telephone: +81(0)93 4363356 (Kanda Coast Guard Station)

Port Authority

Telephone: +81(0)93 4340585

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

Japan Coast Guard Publication 303/19 & Supplement 3/21, (RSDRA2019000079322 & RSDRA2022000048998), 29/23

VI

PAGE 221, JAPAN, KURE, Honshu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

VHF Channel: Ch 16; 12
Telephone: +81(0)82 3253333
+81(0)82 3253336
Fax: +81(0)82 3251361
E-mail: kowankan@city.kure.hiroshima.jp

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)82 3220999 (Kure Coast Guard Office)

Port Authority

Telephone: +81(0)82 3213005

HOURS: H24

PROCEDURE:

Notice of ETA: Vessels should send ETA on departure from last port, 10 days, 4 days, 48h and 24h prior to arrival.

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

PAGE 227, JAPAN, MATSUYAMA, Shikoku, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)89 9510553 (Matsuyama Coast Guard Office)

Port Authority

Telephone: +81(0)89 9512148
E-mail: kouwankaigan@pref.ehime.jp
Website: www.pref.ehime.jp

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

PAGE 228, JAPAN, MISHIMA-KAWANOE, Shikoku, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Telephone: +81(0)896 244498 (Imabari Coast Guard Office)

Port Authority

Telephone: +81(0)896 241808

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

PAGE 229, JAPAN, MITAJIRI-NAKANOSEKI, Honshu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Telephone: +81(0)835 239898 (Tokuyama Coast Guard)

Port Authority

Telephone: +81(0)835 226209
E-mail: a16200@pref.yamaguchi.lg.jp
Website: www.pref.yamaguchi.lg.jp/cms/a16200/cruise/info_nakanoseki.html

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

PAGE 239, JAPAN, NIIHAMA, Shikoku, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)897 320118 (Niihama Coast Guard Station)

Port Authority

Telephone: +81(0)897 322015
E-mail: kouwan@city.niihama.ehime.jp
Website: www.city.niihama.lg.jp

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

VI

PAGE 241, JAPAN, OITA, Kyushu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Call: Oita Port Radio
VHF Channel: Ch 16; 12 14
Telephone: +81(0)975 043161

Hr Mr

Call: Moji Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)975 232197 (Oita Coast Guard Office)

Port Authority

Telephone: +81(0)975 585111
Website: www.pref.oita.jp/14890/faz/faz1/english/faz_en.html

HOURS: H24

Tugs

PROCEDURE:

Tugs are available

[Japan Coast Guard Publication 303/19, \(RSDRA2019000079322\), 29/23](#)

PAGE 243, JAPAN, ONOMICHI, Honshu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)848 222109 (Onomichi Coast Guard Office)

Port Authority

Telephone: +81(0)848 228158
+81(0)849 211311

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19, \(RSDRA2019000079322\), 29/23](#)

PAGE 251, JAPAN, SAIKI, Kyushu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Telephone: +81(0)972 224999 (Saiki Coast Guard Station)

Port Authority

Telephone: +81(0)972 223171
Fax: +81(0)972 229543
E-mail: a17006@pref.oita.lg.jp

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19, \(RSDRA2019000079322\), 29/23](#)

PAGE 261, JAPAN, TAKAMATSU, Shikoku, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)87 8217013 (Takamatsu Coast Guard Office)

Port Authority

Telephone: +81(0)87 8513442
+81(0)87 8323550
Fax: +81(0)87 8060221
E-mail: kowan@pref.kagawa.lg.jp
Website: www.pref.kagawa.lg.jp/kowan/cruise_e01.html

HOURS: H24

[Japan Coast Guard Publication 303/19, \(RSDRA2019000079322\), 29/23](#)

PAGE 261, JAPAN, above TAKETOYO, Honshu entry.

Insert new entry:

TAKEHARA, Honshu

UNCTAD LOCODE: JP THR

34°19'N 132°54'E

Port

CONTACT DETAILS:

Port Control

Telephone: +81(0)846 220173

[Japan Coast Guard Publication 303/19, \(RSDRA2019000079322\), 29/23](#)

VI

PAGE 263, JAPAN, TOKUYAMA, Honshu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Port Radio

Call: Tokuyama-Kudamatsu Port Radio
VHF Channel: Ch 16; 11 12 18
Telephone: +81(0)83 4328667

Hr Mr

Call: Hiroshima Coast Guard Radio
VHF Channel: Ch 16; 12
Telephone: +81(0)83 4310112 (Tokuyama Coast Guard Office)

Port Authority

Telephone: +81(0)83 4211787 (Shunan Port Authority)
Website: www.pref.yamaguchi.lg.jp/cms/a16200/cruise/info_tokuyama.html

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

PAGE 270, JAPAN, TSUKUMI, Kyushu, Port section.

Delete and replace by:

Port

CONTACT DETAILS:

Hr Mr

Telephone: +81(0)972 822886 (Oita Coast Guard Office)

Port Authority

Telephone: +81(0)972 634136

HOURS: HJ

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

PAGE 270, JAPAN, UBE, Honshu.

Delete entry and replace by:

UBE, Honshu

UNCTAD LOCODE: JP UBJ

Pilots

For details see SETO NAIKAI.

HOURS: HJ

33°56'N 131°14'E

continued on next column

PROCEDURE:

(1) **Harbour pilotage is not compulsory** but is recommended.

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

- (a) Port: In the Quarantine Anchorage centred on position 33°53'44N 131°13'10E.
- (b) Seibu Sekiya Terminal: Approximately 0.3 n miles NE of the Sea Berth (33°50'00N 131°12'83E).
- (c) Vessels bound for the Ubekosan No.6 Quay:
 - (i) Vessels entering from the E: 33°51'20N 131°15'20E
 - (ii) Vessels anchoring off Ube Ko or vessels entering from the S: 33°50'50N 131°13'80E
 - (iii) Vessels entering from the W: 33°53'10N 131°08'80E

Port

CONTACT DETAILS:

Hr Mr

Telephone: +81(0)836 212410 (Ube Coast Guard Station)

Port Authority

Telephone: +81(0)839 228111
+81(0)836 313311

Fax: +81(0)839 258862

E-mail: a16200@pref.yamaguchi.lg.jp

Website: www.pref.yamaguchi.lg.jp/cms/a16200/cruise/info_ube.html

HOURS: H24

Tugs

PROCEDURE:

Tugs are available.

[Japan Coast Guard Publication 303/19 & Supplement 4/22. \(RSDRA2019000079322 & RSDRA2023000080991\). 29/23](#)

PAGE 271, JAPAN, UWAJIMA, Shikoku, Port, CONTACT DETAILS, above Port Authority section.

Insert new section:

Hr Mr

Telephone: +81(0)89 5221933 (Uwajima Coast Guard Office)

[Japan Coast Guard Publication 303/19. \(RSDRA2019000079322\). 29/23](#)

VOLUME 6, NP286(8), Fourth Edition, 2023

Published Wk 13/23

(Last Updates: Weekly Edition No. 23 dated 08 June 2023)

PAGE 208, UNITED ARAB EMIRATES, DUBAI (DUBAYY), Port, CONTACT DETAILS, above Port section.

Insert:

Water Operations

VHF Channel: Ch 73

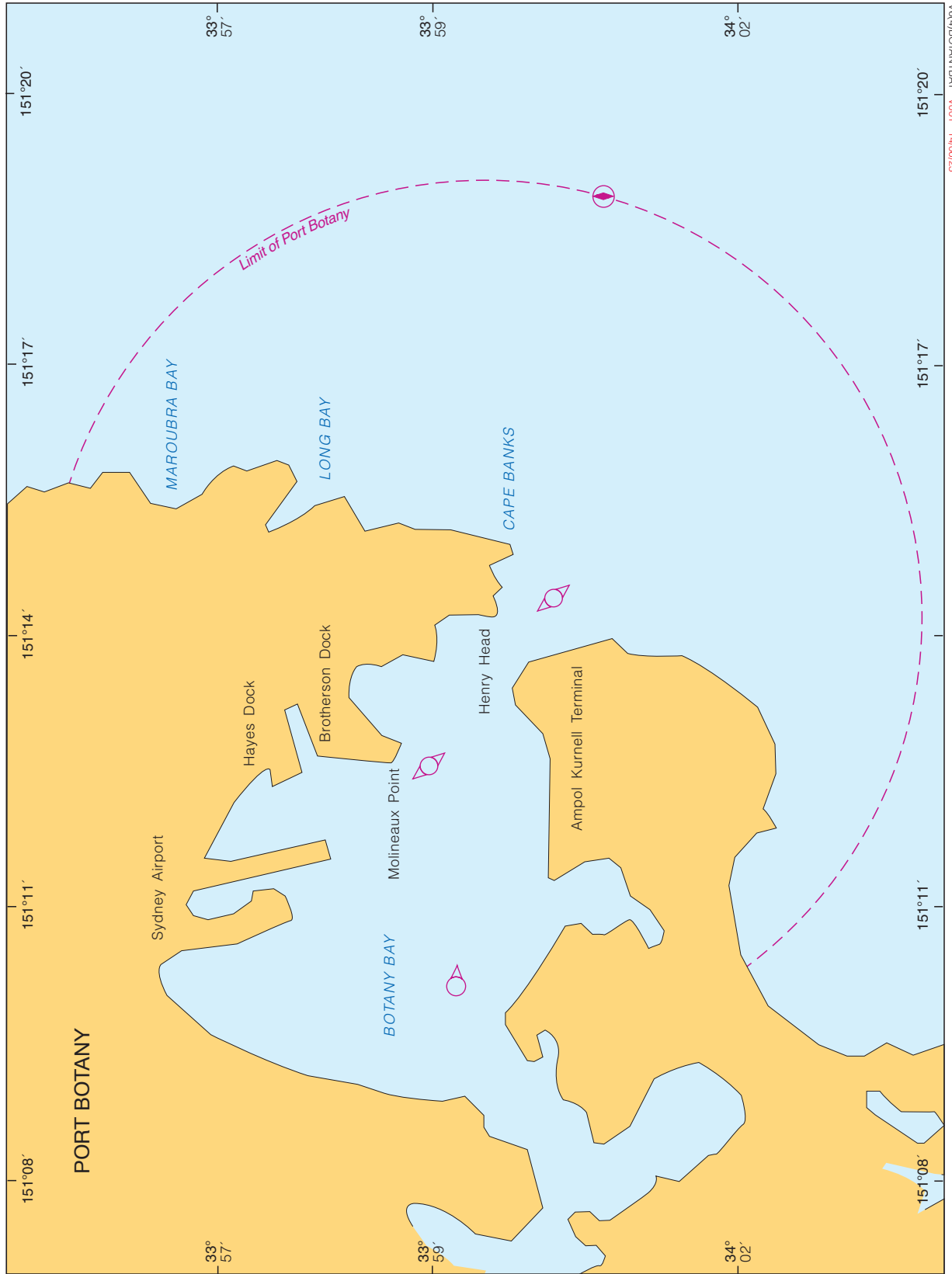
[Dubai Ports, Customs and Free Zone Corporation correspondence. \(RSDRA2023000150650\). 29/23](#)

PAGE 208, UNITED ARAB EMIRATES, DUBAI (DUBAYY), Port, HOURS section.

Delete and replace by:

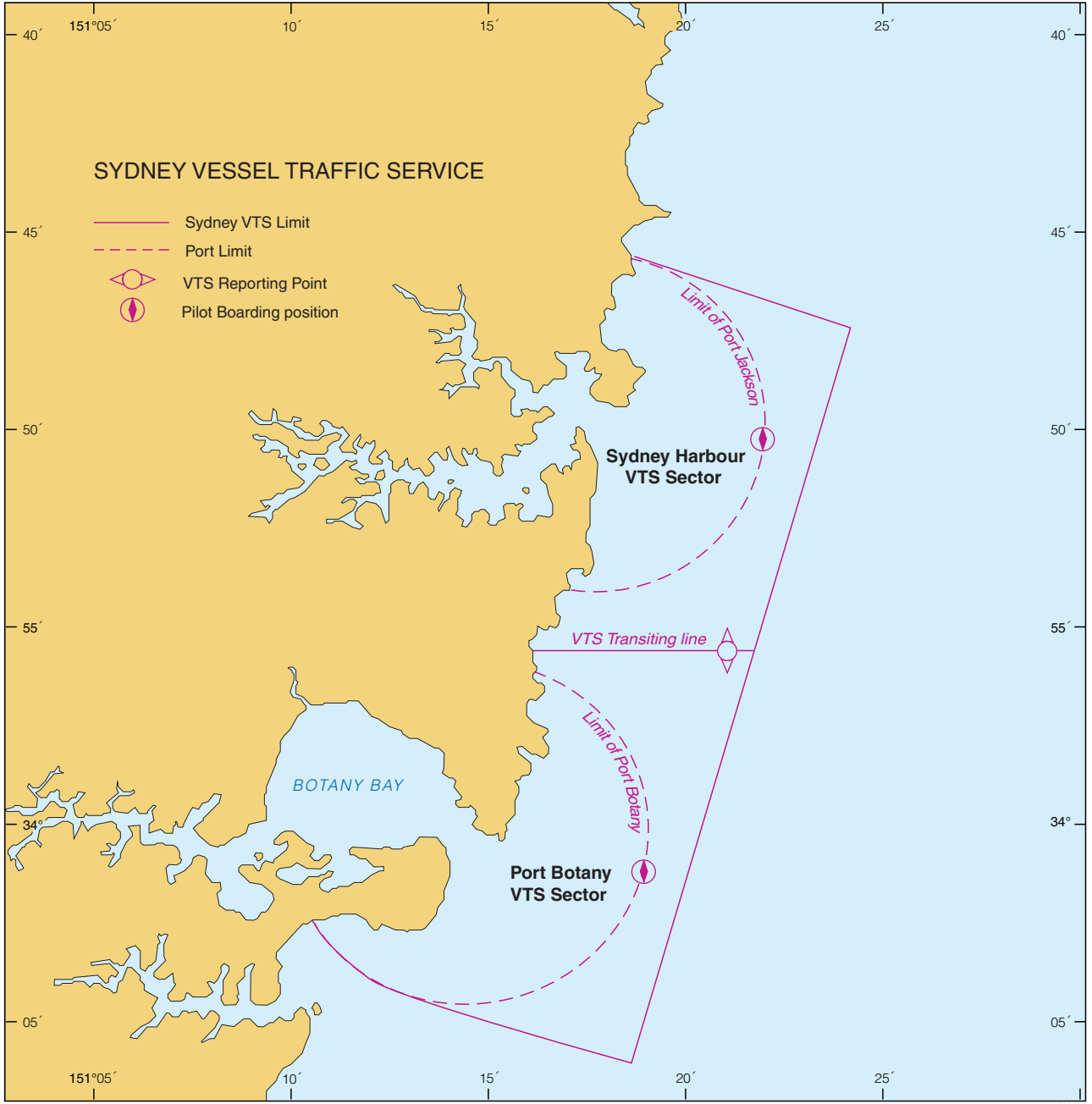
HOURS: H24 (Dubai Water Operations 0730-1530 LT)

Dubai Ports, Customs and Free Zone Corporation correspondence. (RSDRA2023000150650), 29/23



VR(4)BOTANYNAV V001 14/06/23

VI



W6(4)SYDNEY-VTS 001 21/06/23

VII

UPDATES TO ADMIRALTY TIDE TABLES

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.

NP201A United Kingdom – English Channel to River Humber (Including Isles of Scilly, Channel Islands and European Channel Ports) Volume 1A, 2024 Edition

Page v

Section: Times used for predictions in Vol. 1A

Line 6: For 29th October 2024 read 27th October 2024

UKHO

[29/23]

NP201B United Kingdom and Ireland (Excluding Isles of Scilly, English Channel to River Humber, Channel Islands and European Channel Ports), Volume 1B, 2024 Edition

Page v

Section: Times used for predictions in Vol. 1B

Line 6: For 29th October 2024 read 27th October 2024

UKHO

[29/23]

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.

Further guidance can be found in the AIO User Guide on the AVCS Support page, accessed from admiralty.co.uk/avcs.

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 V23 is available on the ADP Weekly Update DVD.

V19 and V23 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.

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 and 10 OS, to follow the Microsoft guidelines of withdrawing support for Windows 7 OS.

To enable users to activate this new application, users might need to delete one e-Reader application from their Fleet Manager Licences if the maximum 3 allowed has been reached.

Both the e-Readers 1.3 and 1.4 are supported at the UKHO.

The e-Reader 1.4 software and the Data updates can be downloaded from weekly ADP Update and Software DVDs.

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	01 December 2022 - 48	
ii.	ADMIRALTY Information Overlay (AIO) Base CD	31 March 2022 - 13	
iii.	ADMIRALTY Raster Chart Service (ARCS) Regional disc 1	11 May 2023 - 19	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 2	16 February 2023 - 07	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 3	25 May 2023 - 21	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 4	06 July 2023 - 27	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 5	06 April 2023 - 14	21 September - 38
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 6	19 January 2023 - 03	03 August 2023 - 31
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 7	23 March 2023 - 12	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 8	02 March 2023 - 09	05 October - 40
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 9	22 June 2023 - 25	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 10	02 February 2023 - 05	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 11	06 October 2022 - 40 Small-scale Planning Charts	17 August 2023 - 33

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
ADMIRALTY e-Reader	1.3, 1.4
NavPac and Compact Data	4.2

If you are using an unsupported version, contact your Chart 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:

1. Form H.102A lists the information required for ADMIRALTY Sailing Directions and has been designed to help the sender and the recipient. The sections should be used as an aide-memoir, being used or followed closely, whenever appropriate. Where there is insufficient space on the form an additional sheet should be used.
2. **Reports which cannot be confirmed or are lacking in certain details should not be withheld.** Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.

HYDROGRAPHIC NOTE FOR GNSS OBSERVATIONS AGAINST CORRESPONDING BRITISH ADMIRALTY CHART POSITIONS

(To accompany Form H.102)

H.102B
(V7.0 Jan 2014)

NOTES:

1. This form is designed to assist in the reporting of observed differences between WGS84 datum and the geodetic datum of British ADMIRALTY Charts by mariners, including yachtsmen and should be submitted as an accompaniment to Form H.102 (full instructions for the rendering of data are on Form H.102). Where there is insufficient space on the form an additional sheet should be used.
2. **Objective of GNSS Data Collection**

The UK Hydrographic Office would appreciate the reporting of Global Navigation Satellite Systems (GNSS) positions, referenced to WGS84 datum, at identifiable locations or features on British ADMIRALTY Charts. Such observations could be used to calculate positional shifts between WGS84 datum and the geodetic datum for those British ADMIRALTY Charts which it has not yet been possible to compute the appropriate shifts. These would be incorporated in future new editions or new charts and promulgated by Preliminary Notices to Mariners in the interim.

It is unrealistic to expect that a series of reported WGS84 positions relating to a given chart will enable it to be referenced to that datum with the accuracy required for geodetic purposes. Nevertheless, this provides adequate accuracy for general navigation, considering the practical limits to the precision of 0.2mm (probably the best possible under ideal conditions – vessel alongside, good light, sharp dividers etc), this represents 10 metres on the ground at a chart scale of 1:50,000.

It is clear that users prefer to have **some** indication of the magnitude and direction of the positional shift, together with an assessment of its likely accuracy, rather than be informed that a definitive answer cannot be formulated. Consequently, where a WGS84 version has not yet been produced, many charts now carry approximate shifts relating WGS84 datum to the geodetic datum of the chart. Further observations may enable these values to be refined with greater confidence.
3. **Details required**
 - a. It is essential that the chart number, edition date and its correctional state (latest NM) are stated. For ENC's, please state the ENC name and latest update applied.
 - b. Position (to 2 decimal places of a minute) of observation point, using chart graticule or, if ungraduated, relative position by bearing/distance from prominent charted features (navigation lights, trig. points, church spires etc.).
 - c. Position (to 2 decimal places of a minute) of observation point, using GNSS Receiver. Confirm that GNSS positions are referenced to WGS84 datum.
 - d. Include GNSS receiver model and aerial type (if known). Also of interest: values of PDOP, HDOP or GDOP displayed (indications of theoretical quality of position fixing depending upon the distribution of satellites overhead) and any other comments.

HYDROGRAPHIC NOTE – H.102 INSTRUCTIONS (V9.0 Dec 2017)

1. Mariners are requested to notify the United Kingdom Hydrographic Office (UKHO) when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications are seen to be necessary. Mariners can also report any ENC display issues experienced. The Mariner's Handbook (NP100) Chapter 4 gives general instructions. The provisions of international and national laws should be complied with when forwarding such reports.
2. Accurate position or knowledge of positional error is of great importance. Where latitude and longitude have been used to specifically position the details of a report, a full description of the method used to obtain the position should be given. Where possible the position should be fixed by GPS or Astronomical Observations. A full description of the method, equipment, time, estimated error and datum (where applicable) used should be given. Where the position has been recorded from a smart phone or tablet, this is to be specifically mentioned. When position is defined by sextant angles or bearings (true or magnetic to be specified), more than two should be used to provide a redundancy check. Where position is derived from Electronic Position Fixing (e.g. LORAN C) or distances observed by radar, the raw readings of the system in use should be quoted wherever possible. Where position is derived after the event, from other observations and / or Dead Reckoning, the methodology of deriving the position should be included.
3. **Paper Charts:** A cutting from the largest scale chart is often the best medium for forwarding details, the alterations and additions being shown thereon in red. When requested, a new copy will be sent in replacement of a chart that has been used to forward information, or when extensive observations have involved defacement of the observer's chart. If it is preferred to show the amendments on a tracing of the largest scale chart (rather than on the chart itself) these should be in red as above, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.
4. **ENCs:** A screen shot of the largest scale usage band ENC with the alterations and additions being shown thereon in red. If it is to report an issue with the display of an ENC, a screen shot of the affected ENC should be sent along with details of the ECDIS make, model or age and version in use at the time.
5. When **soundings** are obtained The Mariner's Handbook (NP100) should where possible be consulted. It is important to ensure that full details of the method of collection are included with the report. This should include but not limited to:
 - (a) Make, model and type of echo sounder used.
 - (b) Whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given.
 - (c) Time, date and time zone should be given in order that corrections for the height of the tide may be made where necessary, or a statement made as to what corrections for tide have already been made.
 - (d) Where larger amounts of bathymetric data have been gathered, only those areas where a significant difference to the current chart or ENC should be specifically mentioned on the H102. The full data set may also be sent in, with an additional note added to this effect. If no significant differences are noted, the bathymetric data may still be of use, and sent in accordingly. Where full data sets are included, a note as to the data owner and their willingness for the data to be incorporated into charts and ENCs included.
6. **For Echo Sounders that use electronic 'range gating', care should be taken that the correct range scale and appropriate gate width are in use.** Older electro-mechanical echo sounders frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus, with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:
 - (a) the trace being weaker than normal for the depth recorded;
 - (b) the trace passing through the transmission line;
 - (c) the feathery nature of the trace.

As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from charted depths.
7. **Reports which cannot be confirmed or are lacking in certain details should not be withheld.** Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
8. Reports of **shoal soundings**, uncharted dangers and aids to navigation out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 30 metres or 15 fathoms may be of sufficient importance to justify a radio message.
9. Changes to Port Information should be forwarded on Form H.102A and any GPS/Chart Datum observations should be forwarded on Form H.102B together with Form H.102. Where there is insufficient space on the forms additional sheets should be used.
10. Reports on ocean currents, magnetic variations and other marine observations should be made in accordance with The Mariner's Handbook (NP100) Chapter 4 with forms also available at admiralty.co.uk/MSI.

Note. - An *acknowledgement* or receipt will be sent and the information then used to the best advantage which may mean immediate action or inclusion in a revision in due course; for these purposes, the UKHO may make reproductions of any material supplied. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received from other authorities or the sender states that they do not want to be named by using the appropriate tick box on the form. An explanation of the use made of contributions from all parts of the world would be too great a task and a further communication should only be expected when the information is of outstanding value or has unusual features.



Hydrographic Note – H.102
Reporting information affecting ADMIRALTY Maritime Products & Services

For emergency information affecting safety of life at sea forward to: navwarnings@ukho.gov.uk
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 <input type="checkbox"/>	No <input type="checkbox"/>	H.102B submitted Yes <input type="checkbox"/> No <input type="checkbox"/>
Tick box if not willing to be named as source of this information <input type="checkbox"/>			

