



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 01

02 January 2020

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

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

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

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

H102A should be used for reporting changes to Port Information.

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

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

The following communication facilities are available:

NMs on ADMIRALTY website:	Web: 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)

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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.




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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*.

Section V - Lights

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

Section VI - Radio Signals

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

Section VII - Miscellaneous Publications

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

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

All Tides Publications

Nautical Almanac Publications, including Sight Reduction Tables.

Section VIII – ADMIRALTY Digital Services

Information relevant to ADMIRALTY Digital Services.

Further Guidance

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

CAUTIONARY NOTES**Updating**

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

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

Charts should be used with prudence: there are areas where the source data are old, incomplete or of poor quality. The mariner should use the largest scale appropriate for his particular purpose; apart from being the most detailed, the larger scales are usually updated first. When extensive new information (such as a new hydrographic survey) is received, some months may elapse before it can be fully incorporated in published charts. On small scale charts of ocean areas where hydrographic information is, in many cases, still sparse, charted shoals may be in error as regards position, least depth and extent. Undiscovered dangers may exist, particularly away from well-established routes.

Satellite-Derived Positions and Chart Accuracy

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

ADMIRALTY Charts affected by the Publication List

ADMIRALTY Charts	International Charts
54	INT 1062
186	INT 1232
188	INT 1482
518	INT 1608
562	INT 3172
806	INT 3173
837	INT 3670
898	INT 5363
1008	INT 9313
1121	
1201	ADMIRALTY Publications
1270	
1350	NP 31
1411	e-NP 31
1447	NP 82
1501	NP 131
1563	
1590	Erratum
2189	
2376	Section 1 (Week 52-19)
2409	
3136	
3190	
3230	
3231	
5142	
8152	
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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 02 January 2020

Chart	Title, limits and other remarks	Scale	Folio	2019 Catalogue page
⊙186	Adriatic Sea, Vlorë to Bar and Brindisi to Vieste. <i>Includes significant safety-related information as follows: a new submarine cable, changes to depths and restricted areas and the deletion of former mined areas.</i> <i>Note:</i> On publication of this New Edition former Notice 5915(P)/19 is cancelled.	1:300,000	27	44
⊙188	Mediterranean Sea, Entrance to the Adriatic Sea including Nísos Kérkyra. Albania, Sarandë. <i>Includes significant safety-related information as follows: a new submarine cable, port development in Sarandë, changes to depths, buoyage, restricted areas, wrecks and the deletion of former mined areas.</i> <i>Note:</i> On publication of this New Edition former Notice 5915(P)/19 is cancelled.	1:300,000 1:25,000	27	44, 48
⊙837 INT 1232	International Chart Series, Sweden - East Coast, Stockholms Skärgård, Landsort to Nynäshamn. <i>Includes significant safety-related information as follows: changes to light sectors and recommended track. (A modified reproduction of INT1232 published by Sweden.)</i> <i>Note:</i> On publication of this New Edition former Notice 5910(P)/19 is cancelled. This chart remains affected by Notice 4570(T)/19.	1:25,000	10	36
⊙1121 INT 1062	International Chart Series, United Kingdom and Ireland, Irish Sea with Saint George's Channel and North Channel. <i>Includes significant safety-related information as follows: new submarine cable, Omission of Detail areas and general updating throughout.</i> <i>Note:</i> On publication of this New Edition former Notice 5901(P)/19 is cancelled. This chart remains affected by Notices 4499(T)/18 and 5979(T)/19. This chart is to be deleted from the list of charts affected by Notice 4447(P)/19.	1:500,000	3	20, 26, 30

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 02 January 2020 (continued)

Chart	Title, limits and other remarks	Scale	Folio	2019 Catalogue page
⊙1411 INT 1608	International Chart Series, United Kingdom and Ireland, Irish Sea, Western Part. <i>Includes significant safety-related information as follows: new submarine cables and Omission of Detail areas.</i> <i>Note:</i> On publication of this New Edition former Notice 5901(P)/19 is cancelled. This chart is to be deleted from the list of charts affected by Notice 4447(P)/19.	1:200,000	3	26
⊙1447	Ireland - East Coast, Dublin and Dun Laoghaire. Ⓐ Port of Dublin. Ⓑ Port of Dublin, Entrance Channel. Ⓒ Dun Laoghaire Harbour.	1:7,500 1:7,500 1:7,500	3	26
	<i>Includes significant safety-related information as follows: a new jetty and berth and changes to lights, depths and coastline.</i> <i>Note:</i> This chart remains affected by Notice 614(T)/19. This chart is to be deleted from the list of charts affected by Notice 5832(P)/19.			
⊙1590	Adriatic Sea, Ports in Albania. Ⓐ Durrës and Approaches. Ⓑ Vlorë and Approaches. Ⓒ Vlorë 1.	1:35,000 1:80,000 1:15,000	27	44
	<i>Includes significant safety-related information as follows: new wrecks and submarine pipelines and changes to depths, buoyage, coastline, restricted areas and the deletion of former mined areas.</i> <i>Note:</i> On publication of this New Edition former Notice 5915(P)/19 is cancelled.			
⊙2189	Brazil - East Coast, Rio Amazonas, Canal do Norte. Macapá to Porto Santana.	1:250,000 1:80,000	95	120
	<i>Includes significant safety-related information as follows: changes to depths, coastline, anchorage areas, buoyage and lights.</i> <i>Note:</i> On publication of this New Edition former Notices 4830(P)/17, 2439(P)/18, 5928(P)/19 and 6546(P)/19 are cancelled. This chart remains affected by Notices 2025(T)/19, 5946(P)/19 and 72(P)/20.			

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 02 January 2020 (continued)

Chart	Title, limits and other remarks	Scale	Folio	2019 Catalogue page
⊙2409	Taiwan - West Coast, Kaohsiung Kang to Fang-Yüan Po-Ti including P'eng-Hu Ch'ün-Tao. <i>Includes significant safety-related information as follows: a new buoy and wrecks and changes to depths and lights.</i> <i>Note:</i> On publication of this New Edition former Notices 3807(T)/17, 5809(T)/17, 3256(T)/18, 5827(T)/18, 5929(P)/19 and 6645(P)/19 are cancelled. This chart remains affected by Notices 5137(T)/13, 4823(T)/18 and 5101(T)/19. This chart is to be deleted from the list of charts affected by Notice 5017(T)/18.	1:150,000	50	80
⊙3136 INT 9313	International Chart Series, Arctic Ocean, Svalbard, Northern Part. <i>Includes changes to depths, rocks, aids to navigation and unsurveyed areas. (A modified reproduction of INT9313 published by Norway.)</i> <i>Note:</i> On publication of this New Edition former Notice 6061(P)/19 is cancelled. This chart remains affected by Notices 5334(T)/19 and 5403(T)/19.	1:700,000	15	134
⊙3231	Taiwan - West Coast, Hai-K'ou P'o-Ti to Chiu-Kang P'o-Ti. Mai-Liao and Approaches. <i>Includes significant safety-related information as follows: new wrecks and buoy and changes to depths and lights.</i> <i>Note:</i> On publication of this New Edition former Notice 5929(P)/19 is cancelled. This chart remains affected by Notice 2911(T)/19. This chart is to be deleted from the list of charts affected by Notice 5017(T)/18.	1:150,000 1:40,000	50	80
5142(1)	Routeing Chart, Gulf of Mexico and Caribbean Sea (January)	1:5,000,000	-	142
5142(2)	Routeing Chart, Gulf of Mexico and Caribbean Sea (February)	1:5,000,000	-	142
5142(3)	Routeing Chart, Gulf of Mexico and Caribbean Sea (March)	1:5,000,000	-	142
5142(4)	Routeing Chart, Gulf of Mexico and Caribbean Sea (April)	1:5,000,000	-	142
5142(5)	Routeing Chart, Gulf of Mexico and Caribbean Sea (May)	1:5,000,000	-	142
5142(6)	Routeing Chart, Gulf of Mexico and Caribbean Sea (June)	1:5,000,000	-	142
5142(7)	Routeing Chart, Gulf of Mexico and Caribbean Sea (July)	1:5,000,000	-	142
5142(8)	Routeing Chart, Gulf of Mexico and Caribbean Sea (August)	1:5,000,000	-	142

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 02 January 2020 (continued)

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Folio</i>	<i>2019 Catalogue page</i>
5142(9)	Routeing Chart, Gulf of Mexico and Caribbean Sea (September)	1:5,000,000	-	142
5142(10)	Routeing Chart, Gulf of Mexico and Caribbean Sea (October)	1:5,000,000	-	142
5142(11)	Routeing Chart, Gulf of Mexico and Caribbean Sea (November)	1:5,000,000	-	142
5142(12)	Routeing Chart, Gulf of Mexico and Caribbean Sea (December)	1:5,000,000	-	142

Meteorological data has been updated throughout these routeing charts. Principal ports, shipping routes, ocean current flow and load line zones are also shown on the charts to facilitate trans-oceanic passage planning. (All twelve monthly versions of the chart are being published simultaneously).

ADMIRALTY Publications

<i>NP No.</i>	<i>Title and other remarks</i>	<i>Date</i>	<i>Remarks</i>
NP82	ADMIRALTY List of Lights and Fog Signals Volume J 2019/20. Western Side of the North Atlantic Ocean From Maine to Cabo Orange, including Gulf of Mexico, Caribbean Sea and Panama Canal. ISBN Number: 978-0-70-772-4096	02/01/2020	Updated to Week 45/19 (07/11/19). First updates in week 01/20. Volume J 2018/19 is cancelled.
NP31 & e-NP31	ADMIRALTY Sailing Directions. China Sea Pilot Volume 2 (Fourteenth Edition) 2019. ISBN Number: 978-0-70-774-5619	02/01/2020	Updated to Week 37/19 (12/09/19) First updated in NM week 01/20 This edition supersedes NP31 (Thirteenth Edition 2018) which is cancelled.

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

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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 16 JANUARY 2020

New Editions of ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio
54	China - Hainan Dao, Yangpu and Approaches. <i>Includes significant safety-related information as follows: changes to coastline, depths and pilotage.</i>	1:35,000	⊙54	47
518 INT 3172	International Chart Series, Mediterranean Sea, Spain - East Coast, Approaches to Valencia. Ⓐ Pobla de Farnals. Ⓑ Port-Saplaya.	1:25,000 1:10,000 1:10,000	⊙518 INT3172	25
<i>Includes significant safety-related information as follows: new access channels, anchor berths, submarine cable and maritime limits, and changes to pilot boarding places and harbour limits. (A modified reproduction of INT3172 published by Spain.)</i>				
562 INT 3173	International Chart Series, Mediterranean Sea, Spain - East Coast, Valencia.	1:10,000	⊙562 INT3173	25
<i>Includes significant safety-related information as follows: new anchorages and anchor berths and changes to fairway, TSS and pilot boarding place. (A modified reproduction of INT3173 published by Spain.)</i>				
806	China - Huang Hai, Rizhao Gang, Shijiu Gangqu and Approaches. <i>Includes significant safety-related information as follows: changes to anchorages and buoyage.</i>	1:25,000	⊙806	52
898	Ports on the East Coast of Korea. Ⓐ Ulsan and Mipo. Ⓑ Pohang and Approaches. Ⓒ Mukho.	1:25,000 1:35,000 1:15,000	⊙898	52
<i>Includes significant safety-related information as follows: changes to depths, buoyage and coastline.</i>				
1008	Korea - West Coast, Gunsan Hang and Approaches. <i>Includes significant safety-related information as follows: changes to depths and buoyage.</i>	1:30,000	⊙1008	52
1201	China - Huang Hai, Guanhe Kou to Rizhao Gang. <i>Includes significant safety-related information as follows: changes to anchorages and buoyage.</i>	1:120,000	⊙1201	52

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

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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 16 JANUARY 2020

New Editions of ADMIRALTY Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio
1270 INT 5363	International Chart Series, Korea - West Coast, Ando to Incheon Hang.	1:75,000	⊙1270 INT5363	52
	<i>Includes significant safety-related information as follows: changes to depths, tidal streams and fish havens.</i>			
1350 INT 1482	International Chart Series, France - North Coast, Dunkerque and Approaches.	1:20,000	⊙1350 INT1482	9
	<i>Includes changes to depths, wrecks and aids to navigation. (A modified reproduction of INT1482 published by France.)</i>			
1501	China - Yellow Sea, Approaches to Dongjiakou Gangqu and Shijiu Gangqu.	1:80,000	⊙1501	52
	<i>Includes significant safety-related information as follows: changes to depths, coastline, anchorage areas and buoyage.</i>			
1563 INT 3670	International Chart Series, Lebanon, Beyrouth (Beirut) and Approaches. Ⓐ Beyrouth (Beirut). Ⓑ Port de Joûnié.	1:30,000 1:12,500 1:10,000	⊙1563 INT3670	30
	<i>Includes changes to port developments, coastline and cables. (A modified reproduction of INT3670 published by France.)</i>			
2376	Taiwan - West Coast, Kaohsiung.	1:20,000	⊙2376	50
	<i>Includes significant safety-related information as follows: new turning areas, wrecks, V-AIS, spoil ground and changes to depths, coastline, buoyage and anchorage area.</i>			
3190	United States - Gulf of Mexico, Louisiana, Calcasieu Pass and Approaches to Lake Charles. Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ	1:50,000 1:50,000 1:50,000 1:25,000 1:25,000	⊙3190	83
	<i>Includes significant safety-related information as follows: changes to depths, project depths, dredged depths and channels.</i>			

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

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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 16 JANUARY 2020

New Editions of ADMIRALTY Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio
3230	Taiwan - West Coast, Approaches to Kaohsiung. <i>Includes significant safety-related information as follows: new wrecks, V-AIS, spoil ground and changes to depths, coastline, buoyage and anchorage area.</i>	1:60,000	⊙3230	50
8152	Port Approach Guide Qingdao. <i>Includes changes to depths, coastline and buoyage.</i>	-	8152	52

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

ADMIRALTY Charts

Chart to be WITHDRAWN	Main Title	On publication of New Chart/New Edition
186	Adriatic Sea, Vlorë to Bar and Brindisi to Vieste.	⊙186
188	Mediterranean Sea, Entrance to the Adriatic Sea including Nísos Kérkyra.	⊙188
837 INT 1232	International Chart Series, Sweden - East Coast, Stockholms Skärgård, Landsort to Nynäshamn.	⊙837 INT1232
1121 INT 1062	International Chart Series, British Isles, Irish Sea with Saint George's Channel and North Channel.	⊙1121 INT1062
1411 INT 1608	International Chart Series, British Isles, Irish Sea, Western Part.	⊙1411 INT1608
1447	Ireland - East Coast, Dublin and Dun Laoghaire.	⊙1447
1590	Adriatic Sea, Ports in Albania.	⊙1590
2189	Brazil - East Coast, Rio Amazonas, Canal do Norte.	⊙2189
2409	Taiwan - West Coast, Kao-Hsiung Kang to Fang-Yüan Po-Ti including P'eng-Hu Ch'ün-Tao.	⊙2409
3136 INT 9313	International Chart Series, Arctic Ocean, Svalbard, Northern Part.	⊙3136 INT9313

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

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ADMIRALTY Charts (continued)

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>On publication of New Chart/New Edition</i>
3231	Taiwan - West Coast, Hai-K'ou P'o-Ti to Chiu-Kang P'o-Ti.	©3231
5142(1-12)	Routing Chart, Gulf of Mexico and Caribbean Sea (January - December)	5142(1-12)

ADMIRALTY CHARTS INDEPENDENTLY WITHDRAWN

ADMIRALTY Charts

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>Date of withdrawal</i>
AUS66	Australia – North West Coast, Western Australia, Barrow Island – Town Point.	02 January 2019

ADMIRALTY CHART AGENT / DISTRIBUTOR INFORMATION

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Amendments to Part 1, ADMIRALTY Authorised Chart Agents / Distributors
Page 6, Distributor Section,
Amend:

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ERRATUM

Section 1, Wk 52-19 Pages 1.10, 11.1 and 1.12

ADMIRALTY CHARTS TO BE PUBLISHED 09 JANUARY 2019
and **CHARTS TO BE AVAILABLE 09 JANUARY 2019**

The dates of the two sections above should read **09 JANUARY 2020**

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

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98 MISCELLANEOUS UPDATES TO CHARTS

Source: UKHO


<i>Chart</i>	<i>Previous Update</i>	<i>Details</i>
2663 INT 1803	2801/19	Insert note, USE OF LARGER SCALE CHARTS, centred on: 46° 32'·70N., 1° 05'·74W. Amend chart number to read, FR7426, in position 45° 44'·80N., 1° 27'·50W.

50* ENGLAND - East Coast - Buoy. Legends.

Source: King's Lynn Conservancy Board

Note: Former Notice 6136(T)/18 is cancelled.

Chart 1200 (INT 1556) [previous update 6331/19] ETRS89 DATUM

Insert	 Fl(4)Y.10s Z2	52° 54'·05N., 0° 16'·11E.
Delete	legend, <i>Planned</i> , centred on:	53° 00'·09N., 0° 23'·66E. 52° 57'·35N., 0° 19'·04E. 52° 53'·14N., 0° 15'·44E. 52° 51'·42N., 0° 14'·53E. 52° 49'·55N., 0° 14'·04E.

54* ENGLAND - East Coast - Legend.

Source: Perenco

Chart 105 [previous update New Edition 07/03/2019] ETRS89 DATUM

Insert	legend, <i>Gas Field Decommissioning (see Note)</i> , centred on:	53° 24'·87N., 1° 14'·43E.
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Chart 1408 [previous update 6668/19] WGS84 DATUM

Insert	legend, <i>Gas Field Decommissioning (see Note)</i> , centred on:	53° 25'·6N., 1° 15'·9E.
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Chart 1503 (INT 1509) [previous update 6445/19] ETRS89 DATUM

Insert	legend, <i>Gas Field Decommissioning (see Note)</i> , centred on:	53° 24'·95N., 1° 14'·25E.
--------	---	---------------------------

82* IRELAND - South Coast - Breakwater. Legend.

Source: UKHO

Chart 3725 [previous update 4106/19] ETRS89 DATUM

Insert	breakwater, double firm line, width 10m, joining:	51° 29'·271N., 9° 22'·262W. 51° 29'·297N., 9° 22'·314W.
Delete	legend, Works in progress (2012), centred on:	51° 29'·285N., 9° 22'·260W.

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90* ENGLAND - East Coast - Wrecks. Fouls.

Source: Port of London Authority

Chart 1185 (INT 1572) [*previous update 6554/19*] ETRS89 DATUM


Replace  Wk with # 51° 29'·48N., 0° 50'·77E.
 Wk with # 51° 29'·40N., 0° 50'·80E.

Chart 1609 [*previous update 6600/19*] ETRS89 DATUM

Replace  Wk with # 51° 29'·48N., 0° 50'·77E.
 Wk with # 51° 29'·40N., 0° 50'·80E.

101* ENGLAND - South Coast - Drying heights.

Source: UKHO

Chart 871 [*previous update 6227/19*] ETRS89 DATUM

Insert drying height, Q_9 (a) 50° 25'·717N., 4° 12'·055W.
Delete drying height, Q_3 , close SE of: (a) above

117* IRELAND - North East Coast - Depths.

Source: British Government Survey

Chart 1237 [*previous update 5452/19*] ETRS89 DATUM

Insert depth, 10_9 (a) 54° 52'·879N., 5° 45'·086W.
Delete depth, 12 , close E of: (a) above
Insert depth, 12_5 , and extend 15m contour W to enclose (b) 54° 52'·840N., 5° 45'·017W.
Delete depth, 16_6 , close N of: (b) above
depth, 14_8 , close E of: (b) above
Insert depth, 19_4 , enclosed by 20m contour (c) 54° 52'·229N., 5° 44'·496W.
Delete depth, 22 , close E of: (c) above
Insert depth, 30 , enclosed by 30m contour 54° 52'·062N., 5° 44'·283W.

Chart 1753 (INT 1661) [*previous update 5303/19*] ETRS89 DATUM

Insert depth, 4_5 , and extend 5m contour N to enclose (a) 54° 41'·07N., 5° 32'·14W.
Delete depth, 5_5 , close N of: (a) above
Insert depth, 8_3 , enclosed by 10m contour 54° 40'·81N., 5° 34'·04W.

Chart 2093 [*previous update 5939/19*] ETRS89 DATUM

Insert depth, 8_3 , enclosed by 10m contour (a) 54° 40'·81N., 5° 34'·04W.
Delete depth, 10_4 , close NW of: (a) above

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117* IRELAND - North East Coast - Depths. (continued)

Chart 2198 [previous update 5303/19] ETRS89 DATUM

Insert	depth, 4 ₅ , enclosed by 5m contour	(a)	54° 41'·07N., 5° 32'·14W.
Delete	depth, 5 ₅ , close N of:	(a)	above
Insert	depth, 8 ₃ , enclosed by 10m contour	(b)	54° 40'·81N., 5° 34'·04W.
Delete	depth, 10 ₁ , close SE of:	(b)	above
Insert	depth, 30, and extend 30m contour SE to enclose		54° 52'·06N., 5° 44'·28W.

Chart 2199 [previous update 6666/19] ETRS89 DATUM

Insert	depth, 29 ₅ , enclosed by 30m contour	(a)	55° 08'·19N., 6° 00'·60W.
Delete	depth, 33, close SE of:	(a)	above
Insert	depth, 45, enclosed by 50m contour	(b)	55° 05'·41N., 5° 58'·74W.
Delete	depth, 56, close SE of:	(b)	above

Chart 2724 (INT 1606) [previous update 6666/19] ETRS89 DATUM

Insert	depth, 45, and extend 50m contour NE to enclose	(a)	55° 05'·41N., 5° 58'·74W.
Delete	depth, 56, close SE of:	(a)	above

122* ISLE OF MAN - Legend.

Source: Northern Lighthouse Board

Chart 2094 [previous update 4286/18] ETRS89 DATUM

Amend	legend to, Point of Ayre LtHo open W of 225°, clears all dangers, centred on:		54° 29'·30N., 4° 15'·00W.
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27 RUSSIA - Arctic Coast - Light.

Source: Russian Notice 49/5679/19

Chart 2684 [previous update 2824/19] WGS84 DATUM

Amend	light to, Fl.17M		73° 31'·07N., 75° 45'·68E.
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43 NORWAY - West Coast - Obstructions.

Source: Norwegian Notice 22/60844/19

Chart 1430 (INT 1404) [previous update 6123/19] WGS84 DATUM

Insert	 Obstn		65° 41'·8N., 7° 32'·8E. 65° 37'·6N., 7° 29'·3E. 65° 35'·7N., 7° 25'·4E.
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Chart 4101 (INT 101) [previous update 6229/19] WGS84 DATUM

Insert	 Obstn		65° 37'·6N., 7° 29'·3E. 65° 35'·7N., 7° 25'·4E.
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II

49 NORWAY - West Coast - Light.

Source: Norwegian Notice 22/60843/19

Chart 2366 [*previous update 2561/19*] WGS84 DATUM

Amend range of light to, 6-4M 69° 15'·65N., 17° 03'·17E.

75 NORWAY - West Coast - Lights. Beacon.

Source: Norwegian Notices 22/60861/19, 22/60872/19 and Norwegian Lights List

Chart 2321 [*previous update 1774/19*] WGS84 DATUM

Amend range of light to, 3-2M 67° 53'·03N., 12° 59'·16E.

Chart 2327 [*previous update 6495/19*] WGS84 DATUM



Amend range of light to, 3-2M 67° 53'·03N., 12° 59'·15E.

Replace  with  Oc(2)WRG.8s7-5M 68° 19'·76N., 13° 49'·63E.

Delete  Iso.WRG. 68° 19'·72N., 13° 49'·18E.

 Oc(2)WRG.5-3M 68° 19'·87N., 13° 47'·81E.

Chart 2328 [*previous update 2561/19*] WGS84 DATUM

Replace  with  Oc(2)WRG.8s7-5M 68° 19'·76N., 13° 49'·63E.

Delete  Iso.WRG. 68° 19'·71N., 13° 49'·16E.

 Oc(2)WRG.5-3M 68° 19'·88N., 13° 47'·89E.

84 NORWAY - North Coast - Light.

Source: Norwegian Notice 22/60867/19

Chart 2317 [*previous update 1120/19*] WGS84 DATUM

Amend light to, Iso.6s76m9M 70° 23'·35N., 31° 09'·43E.

Chart 2683 [*previous update 6052/19*] WGS84 DATUM

Delete  Fl.23M 70° 23'·2N., 31° 09'·4E.

Chart 4010 (INT 10) [*previous update 6538/19*] WGS84 DATUM

Delete  70° 23'·8N., 31° 11'·2E.

II


55 POLAND - Buoyage.

Source: Polish Notices 48/525-526/19

Chart 2040 (INT 1218) [*previous update 5435/19*] WGS84 DATUM

Delete	 Q.Y LK2	54° 49'·89N., 17° 46'·60E.
	 Q.Y LK1	54° 49'·12N., 17° 46'·89E.
	 Fl.Y.4s Z1	54° 51'·58N., 18° 04'·01E.
	 Q.Y Z2	54° 51'·59N., 18° 08'·30E.

Chart 2288 [*previous update 5435/19*] WGS84 DATUM

Delete	 Q.Y Z2	54° 51'·6N., 18° 08'·3E.
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66 DENMARK - Islands - Restricted area.

Source: Danish Chart Correction 47/585/19

Note: Former Notice 4627(T)/19 is cancelled.

Chart 2108 (INT 1302) [*previous update 6701/19*] WGS84 DATUM

Insert	circular limit of restricted area, entry prohibited, radius 0.5M, centred on:	55° 46'·40N., 11° 10'·67E.
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Chart 2589 (INT 1379) [*previous update 1927/19*] WGS84 DATUM

Insert	circular limit of restricted area, entry prohibited, radius 0.5M, centred on:	55° 46'·40N., 11° 10'·67E.
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Chart 2596 (INT 1370) [*previous update 4552/19*] WGS84 DATUM

Insert	circular limit of restricted area, entry prohibited, radius 0.5M, centred on:	55° 46'·40N., 11° 10'·67E.
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96 SWEDEN - South Coast - NM Block.

Source: Swedish Notice 784/14526/19

Chart 2855 (INT 1327) [*previous update 5421/19*] WGS84 DATUM

Insert	the accompanying block, centred on:	56° 09'·4N., 14° 49'·2E.
--------	-------------------------------------	--------------------------

102 SWEDEN - East Coast - Depths.

Source: Swedish Notice 784/14535/19

Chart 798 (INT 1220) (Panel C, Fårösund) [*previous update 5723/19*] WGS84 DATUM

Insert	depth, 5 ₅ , and extend 6m contour W to enclose	(a) 57° 49'·40N., 19° 06'·68E.
Delete	depth, 6 ₇ , close S of:	(a) above

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103 SWEDEN - West Coast - Marine farms.

Source: Swedish Notices 784/14511/19 and 784/14547/19

Chart 853 (INT 1314) [previous update 3882/19] WGS84 DATUM

Insert  (buoyed) 58° 16'·59N., 11° 20'·92E.

Delete  (buoyed) 58° 12'·88N., 11° 20'·49E.

Chart 869 (INT 1311) [previous update 5975/19] WGS84 DATUM

Insert  58° 16'·59N., 11° 20'·92E.

Delete  58° 12'·88N., 11° 20'·55E.

105* NORTH SEA - United Kingdom Sector - Note. Legend.

Source: Perenco

Chart 266 [previous update 6224/19] WGS84 DATUM

Insert the accompanying note, GAS FIELD DECOMMISSIONING,
centred on: 54° 57'·73N., 0° 42'·28E.
legend, *Gas Field Decommissioning (see Note)*, centred on: 54° 27'·57N., 2° 27'·10E.

Chart 2182A (INT 1043) [previous update 6698/19] WGS84 DATUM

Insert the accompanying note, GAS FIELD DECOMMISSIONING,
centred on: 51° 20'·3N., 8° 58'·5E.
legend, *Gas Field Decommissioning (see Note)*, centred on: 54° 24'·9N., 2° 31'·6E.

Chart 2182B (INT 1042) [previous update 6698/19] WGS84 DATUM

Insert legend, *Gas Field Decommissioning (see Note)*, centred on: 54° 30'·7N., 2° 26'·3E.
Replace the existing note, OIL FIELD DECOMMISSIONING, with the
accompanying note, OIL/GAS FIELD DECOMMISSIONING,
centred on: 54° 21'·0N., 1° 31'·3W.

41 ITALY - West Coast - Depth. Pontoon.

Source: Italian Notices 24.4/19 and 24.6/19

Chart 118 (Panel C, Viareggio) [previous update 5566/19] WGS84 DATUM

Insert depth, 2₃ 43° 51'·768N., 10° 14'·004E.

Chart 118 (Panel B, Rada di La Spezia) [previous update 5566/19] WGS84 DATUM

Insert pontoon, single firm line, joining: 44° 06'·078N., 9° 49'·849E.
44° 06'·022N., 9° 49'·949E.

II

45 FRANCE - South Coast - Marine farm. Buoy. Legend. Restricted area.

Source: French Notice 48/90/19

Chart 2246 (INT 3199) [*previous update 5432/19*] WGS84 DATUM



Insert		43° 39'·15N., 7° 10'·32E.
	 <i>VQ(3)5s</i>	43° 39'·13N., 7° 10'·39E.
Amend	legend to, <i>Anchoring, fishing, dredging and diving prohibited (buoyed)</i> , centred on:	(a) 43° 38'·52N., 7° 09'·03E.
Delete	symbols, diving and anchoring prohibited, close NW of:	(a) above

Chart 3166 [*previous update 5432/19*] WGS84 DATUM

Insert	 (<i>buoyed</i>)	43° 39'·15N., 7° 10'·35E.
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76 FRANCE - Corse - Depth.

Source: French Notice 49/97/19

Chart 1213 (INT 3350) [*previous update 1941/19*] WGS84 DATUM







Delete	depth, 3 ₅ , and associated 5m contour	41° 23'·22N., 9° 14'·94E.
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79 GREECE - West Coast - Outfalls. Obstructions. Buoyage.

Source: ENC GR5ZM401

Note: Former Notice 4844(T)/18 is cancelled.

Chart 2407 (INT 3493) [*previous update 2837/18*] ED50 DATUM

Insert	outfall,  , joining:	39° 39'·380N., 19° 50'·991E.
		(a) 39° 39'·328N., 19° 50'·917E.
		39° 39'·245N., 19° 50'·884E.
		and
		39° 39'·196N., 19° 50'·894E.
		(b) 39° 39'·204N., 19° 50'·963E.
	 <i>Obstn</i>	(b) above
	 <i>Obstn</i>	39° 39'·540N., 19° 51'·268E.
	 <i>Obstn</i>	39° 39'·599N., 19° 51'·332E.
Delete		(a) above
		39° 38'·851N., 19° 53'·822E.

II

81* CYPRUS - Buoyage.

Source: UKHO

Chart 849 (Panel F, Vasilikos) [*previous update 6580/19*] WGS84 DATUM

Amend light-buoy to, *Iso.4s* 34° 42'·773N., 33° 19'·384E.
34° 42'·851N., 33° 19'·593E.
34° 42'·798N., 33° 19'·805E.

89 ALGERIA - Lights.

Source: French Notice 48/143/19

Chart 1909 [*previous update 1442/19*] WGS84 DATUM

Insert ★ Fl(3)G.10s&Fl(3)R.10s (a) 36° 34'·6N., 1° 54'·5E.
Delete ★ Fl(2)G.8s&Fl(2)R.9s, close W of: (a) above

Chart 1910 [*previous update 6704/19*] WGS84 DATUM

Insert ★ Fl(3)G.10s&Fl(3)R.10s (a) 36° 34'·6N., 1° 54'·5E.
Delete ★ Fl(2)G.8s&Fl(2)R.9s, close W of: (a) above

91 ALGERIA - Buoy.

Source: French Notice 49/145/19

Chart 838 [*previous update 6197/19*] WGS84 DATUM

Move  *Fl.R.4s*, from: 35° 49'·650N., 0° 15'·600W.
to: 35° 49'·684N., 0° 15'·467W.

106 CROATIA - Light-beacon.

Source: Croatian Notice 11/7/19

Chart 1580 [*previous update 1312/19*] WGS84 DATUM

Insert  VQ.6m2M 42° 42'·71N., 17° 55'·70E.

II

107 CROATIA - Outfall. Legend.

Source: Croatian Notice 11/5/19

Chart 515 [*previous update 5327/18*] WGS84 DATUM

Insert	Outfall, joining:	
		(a) 44° 03'·16N., 15° 17'·65E.
		(b) 44° 02'·83N., 15° 16'·68E.
	legend, <i>Outfall PA</i> , along:	(a)-(b) above

Chart 2711 [*previous update 256/19*] WGS84 DATUM

Insert	Outfall, joining:	
		(a) 44° 03'·16N., 15° 17'·65E.
		(b) 44° 02'·83N., 15° 16'·68E.
	legend, <i>Outfall PA</i> , along:	(a)-(b) above

93 MOZAMBIQUE - Lights.

Source: Mozambique Chart 16205

Note: Sectors remain unchanged.

Chart 649 (Panel, Nacala) [*previous update 2273/18*] UNDETERMINED DATUM

Amend	Nacala light to, Fl(2)WRG.9s36ft12-8M	14° 26'·78S., 40° 38'·82E.
	light to, Q.98ft12M	14° 28'·83S., 40° 40'·96E.
	light to, Iso.4s157ft12M	14° 29'·10S., 40° 41'·09E.

Chart 649 [*previous update 2273/18*] UNDETERMINED DATUM

Amend	Pinda light to, Fl(2)15s210ft24M	14° 12'·42S., 40° 42'·72E.
	light to, Fl(2)4s33ft14M	14° 24'·40S., 40° 48'·31E.
	Nacala light to, Fl(2)WRG.9s36ft12-8M	14° 26'·78S., 40° 38'·83E.
	light to, Q.12M	14° 28'·83S., 40° 40'·96E.
	light to, Iso.4s12M	14° 29'·10S., 40° 41'·09E.

Chart 2926 (INT 7660) [*previous update 4513/14*] WGS84 DATUM

Amend	Pinda light to, Fl(2)15s64m24M	14° 12'·6S., 40° 42'·6E.
	light to, Fl(2)4s10m14M	14° 24'·7S., 40° 48'·3E.
	Nacala light to, Fl(2)WRG.9s11m12-8M	14° 26'·9S., 40° 38'·7E.

Chart 3877 (INT 7055) [*previous update 5677/19*] WGS84 DATUM

Amend	light to, Fl(2)15s64m24M	14° 12'·4S., 40° 42'·8E.
	light to, Fl(2)4s14M	14° 24'·8S., 40° 48'·3E.
	light to, Fl(2)WRG.9s12/8M	14° 27'·3S., 40° 39'·0E.

Chart 3878 (INT 7054) [*previous update 928/18*] WGS84 DATUM

Amend	light to, Fl(2)4s14M	14° 24'·8S., 40° 48'·3E.
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129* SRI LANKA - West Coast - Buoy.

Source: mv Sapphire Princess

Chart 1655 (INT 7387) (Panel, Colombo Harbour) [*previous update 3827/19*] WGS84 DATUM

Insert		6° 57'·312N., 79° 50'·280E.
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II

111 MALAYSIA - Peninsular Malaysia, West Coast - Buoy.

Source: ENC MY5C5416

Chart 792 [previous update 4186/19] WGS84 DATUM

Amend light-buoy to, *Fl.R.10s Dinding 2R* 4° 14'·70N., 100° 36'·45E.

56 CHINA - Bo Hai - Vessel traffic services. Legend. Note.

Source: Chinese VTS Guide 2019

Chart 1249 [previous update 5660/19] CGCS 2000 DATUM

Insert	semi-circular limit of radio reporting line, inbound and outbound, radius 13M, pecked line, centred on 38° 51'·9N., 121° 49'·5E, joining:	(a) 38° 51'·9N., 121° 32'·9E. (b) 38° 40'·7N., 121° 58'·0E.
	legend, <i>Dalian VTS</i> (see Note), along:	(a)-(b) above
Delete	former semi-circular limit of radio reporting line, inbound and outbound, pecked line, and associated legend, <i>Dalian VTS</i> (see Note), joining:	38° 52'·6N., 121° 34'·2E. 38° 41'·9N., 121° 58'·0E.

Chart 1255 [previous update 5037/19] CGCS 2000 DATUM

Insert	semi-circular limit of radio reporting line, inbound and outbound, radius 13M, pecked line, centred on 38° 51'·9N., 121° 49'·5E, joining:	(a) 39° 03'·0N., 121° 58'·1E. (b) 38° 51'·9N., 121° 32'·9E.
	legend, <i>Dalian VTS</i> (see Note), along:	(a)-(b) above
Delete	former semi-circular limit of radio reporting line, inbound and outbound, pecked line, and associated legend, <i>Dalian VTS</i> (see Note), joining:	39° 02'·0N., 121° 57'·8E. 38° 52'·6N., 121° 34'·2E.

Chart 3690 [previous update 114/19] CGCS 2000 DATUM

Insert	the accompanying block, centred on:	39° 02'·5N., 121° 59'·1E.
Delete	former semi-circular limit of radio reporting line, inbound and outbound, pecked line, and associated legend, <i>Dalian and Dayao Wan VTS</i> , joining:	39° 01'·976N., 121° 57'·785E. 39° 01'·380N., 121° 58'·890E. 39° 00'·648N., 122° 00'·000E.
Replace	the existing note, with the accompanying note, VESSEL REPORTING, centred on:	39° 03'·123N., 121° 50'·995E.

Chart 3697 [previous update 2267/18] CGCS 2000 DATUM

Insert	semi-circular limit of radio reporting line, inbound and outbound, radius 13M, pecked line, centred on 38° 51'·87N., 121° 49'·54E, joining:	(a) 39° 03'·01N., 121° 58'·14E. (b) 38° 57'·56N., 122° 04'·53E.
	legend, <i>Dalian VTS</i> (see Note), along:	(a)-(b) above
Delete	former semi-circular limit of radio reporting line, inbound and outbound, pecked line, and associated legend, <i>Dalian and Dayao Wan VTS</i> joining:	39° 01'·98N., 121° 57'·79E. 38° 54'·54N., 122° 04'·53E.
Replace	the existing note, with the accompanying note, VESSEL REPORTING, centred on:	39° 01'·26N., 121° 37'·43E.

II

58 TAIWAN - Superbuoy.

Source: UKHO

Chart 1760 [*previous update 6650/19*] WGS84 DATUM

Insert  F(5)Y.20s 23° 54'·0N., 120° 08'·5E.

80 THAILAND - Gulf of Thailand Coast - Light-beacons.

Source: Thai Notice 32/2562(2019)

Chart 999 [*previous update 5167/17*] WGS84 DATUM

Amend range of light-beacon to, 10/15M 13° 27'·87N., 100° 36'·71E.
13° 28'·67N., 100° 37'·26E.

Chart 1046 [*previous update 5656/19*] WGS84 DATUM

Amend range of light-beacon to, 10/15M 13° 27'·87N., 100° 36'·70E.
13° 28'·65N., 100° 37'·26E.

104 CHINA - South Coast - Radio reporting lines. Vessel traffic services.

Source: Chinese Notice 46/1493/19

Chart 1716 [*previous update 6482/19*] CGCS 2000 DATUM

Insert radio reporting line, inbound and outbound, pecked line,
joining: (a) 25° 09'·72N., 119° 16'·50E.
(b) 25° 07'·10N., 119° 22'·05E.
(c) 25° 09'·48N., 119° 31'·08E.
legend, *Fuzhou VTS*, along: (a)-(b) above
(b)-(c) above

Chart 1723 (Panel B, Approaches to Xinghua Wan) [*previous update 6523/19*] CGCS 2000 DATUM

Insert radio reporting line, inbound and outbound, pecked line,
joining: (a) 25° 19'·22N., 119° 20'·63E.
(b) 25° 19'·77N., 119° 23'·07E.
(c) 25° 16'·47N., 119° 30'·55E.
legend, *Fuzhou VTS*, along: (a)-(b) above
(b)-(c) above

Chart 1761 [*previous update 6482/19*] WGS84 DATUM

Insert radio reporting line, inbound and outbound, pecked line,
joining: (a) 25° 09'·5N., 119° 31'·1E.
(b) 25° 07'·1N., 119° 22'·1E.
25° 09'·7N., 119° 16'·5E.
legend, *Fuzhou VTS*, along: (a)-(b) above

II

104 CHINA - South Coast - Radio reporting lines. Vessel traffic services. (continued)

Chart 2401 [*previous update 4990/19*] CGCS 2000 DATUM

Insert	radio reporting line, inbound and outbound, pecked line, joining:	<p>(a) 25° 16'·47N., 119° 30'·55E.</p> <p>(b) 25° 19'·77N., 119° 23'·07E.</p> <p>25° 19'·22N., 119° 20'·63E.</p> <p>and</p> <p>(c) 25° 09'·48N., 119° 31'·08E.</p> <p>(d) 25° 07'·10N., 119° 22'·05E.</p> <p>25° 09'·72N., 119° 16'·50E.</p>
	legend, <i>Fuzhou VTS</i> , along:	<p>(a)-(b) above</p> <p>(c)-(d) above</p>

113 VIETNAM - NM Block.

Source: VMS-South Notice 221/19 and VMS-South

Chart 3874 [*previous update 6328/19*] WGS84 DATUM

Insert	the accompanying block, centred on:	13° 21'·8N., 109° 19'·3E.
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116 VIETNAM - Wreck.

Source: HYDROPAC 3953/19

Chart 1261 [*previous update 6165/19*] WGS84 DATUM

Insert		9° 41'·95N., 106° 43'·59E.
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Chart 3986 [*previous update 6492/19*] WGS84 DATUM

Insert		9° 42'·0N., 106° 43'·6E.
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124 CHINA - South Coast - Light-beacon. Legend. Buoyage.

Source: Chinese Notices 46/1494 and 1495/19

Chart 343 [*previous update New Edition 12/12/2019*] CGCS 2000 DATUM

Insert	legend, <i>Buoyed Channel</i> , orientated N/S, between:	<p>22° 40'·16N., 113° 45'·44E.</p> <p>22° 37'·56N., 113° 45'·66E.</p>
	 <i>Q.G BA01</i>	22° 36'·89N., 113° 45'·66E.
Replace	 Fl(2+1)G.6s5m No 2 with  Fl(2+1)G.6s No 2	22° 34'·64N., 113° 47'·69E.

II

126 CHINA - South Coast - Wreck.

Source: UKHO

Chart 343 [*previous update 124/20*] CGCS 2000 DATUM

Insert  PA 22° 26'·98N., 113° 52'·11E.

Chart 348 [*previous update New Edition 05/12/2019*] CGCS 2000 DATUM

Insert  PA 22° 26'·977N., 113° 52'·107E.

130 CHINA - South Coast - Legend.

Source: UKHO

Note: Certain Copies Only

Chart 348 [*previous update 126/20*] CGCS 2000 DATUM

Insert legend, V-AIS, at symbol, Virtual aid to navigation 22° 25'·739N., 113° 53'·322E.

28 JAPAN - Honshū - NM Block.

Source: Japanese Notice 48/972/19

Chart JP 1100 [*previous update 1728/19*] WGS84 DATUM

Insert the accompanying block, centred on: 38° 25' 07"N., 141° 16' 54"E.

29 JAPAN - Honshū - Restricted area. Depths. NM Blocks.

Source: Japanese Notice 48/973/19

Note: Former Notices 6140(P)/19 and 6295(P)/19 are cancelled.

Chart JP 87 [*previous update 5616/19*] WGS84 DATUM

Insert 20m contour, joining: (a) 35° 27'·15N., 139° 43'·34E.

(b) 35° 27'·47N., 139° 43'·68E.

Delete former 20m contour, joining: (a) above

(b) above

depth, 19₃, close E of: (a) above

II

29 JAPAN - Honshū - Restricted area. Depths. NM Blocks. (continued)

Chart JP 90 [*previous update 5617/19*] WGS84 DATUM

Insert	limit of restricted area, entry prohibited, pecked line, joining:	35° 26'·40N., 139° 41'·35E. 35° 26'·52N., 139° 41'·47E. 35° 26'·22N., 139° 41'·93E. 35° 26'·10N., 139° 41'·83E. 35° 25'·85N., 139° 41'·32E. 35° 25'·88N., 139° 41'·25E.
	depth, 15	(a) 35° 27'·45N., 139° 42'·63E.
Delete	depth, 14 ₄ , close N of:	(a) above
	depth, 19 ₃ , and associated 20m contour	35° 27'·19N., 139° 43'·71E.

Chart JP 1061 [*previous update 5617/19*] WGS84 DATUM

Insert	the accompanying block A, centred on:	35° 26'·4N., 139° 43'·7E.
	the accompanying block B, centred on:	35° 24'·3N., 139° 41'·6E.

Chart JP 1062 [*previous update 5248/19*] WGS84 DATUM

Insert	the accompanying block A, centred on:	35° 26'·6N., 139° 43'·5E.
	the accompanying block B, centred on:	35° 23'·9N., 139° 41'·4E.

30 JAPAN - Honshū - Light.

Source: Japanese Notice 48/974/19

Chart JP 1172 [*previous update 2113/19*] WGS84 DATUM

Delete	★ Fl.4s 12M	35° 31'·09N., 133° 56'·38E.
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31 JAPAN - Honshū - Lights.

Source: Japanese Notice 48/976/19

Chart JP 80 [*previous update 5370/19*] WGS84 DATUM

Amend	light to, 2F Fl(2) R G 5/2M	(a) 35° 07'·27N., 140° 09'·63E.
Delete	★ Ldg 2F R 7M, close NW of:	(a) above

Chart JP 87 [*previous update 29/20*] WGS84 DATUM

Amend	light to, 2F Fl(2) R G 5/2M	(a) 35° 07'·27N., 140° 09'·63E.
Delete	★ Ldg 2F R 7M, close NW of:	(a) above

32 JAPAN - Honshū - Legend.

Source: Japanese Notice 48/977/19

Chart JP 1062 [*previous update 29/20*] WGS84 DATUM

Delete	legend, Futtsu LNG Tanker Berth, centred on:	35° 20'·47N., 139° 49'·97E.
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II

33 JAPAN - Honshū - Light.

Source: Japanese Notice 48/979/19

Chart JP 80 [*previous update 31/20*] WGS84 DATUM

Delete  34° 41'·16N., 139° 26'·22E.

Chart JP 87 [*previous update 31/20*] WGS84 DATUM

Delete  34° 41'·16N., 139° 26'·22E.

34 JAPAN - Seto Naikai - Legend. Marina.

Source: Japanese Notice 48/981/19


Chart JP 1146 [*previous update 5009/19*] WGS84 DATUM

Insert legend, *Ruins*, orientated NW/SE, centred on: (a) 34° 36' 02·2"N., 135° 26' 03·5"E.
Delete symbol, marina, close N of: (a) above

35 JAPAN - Seto Naikai - Spoil grounds. Legends.

Source: Japanese Notice 48/986/19

Chart JP 1101 [*previous update 5367/19*] WGS84 DATUM

Insert limit of spoil ground, pecked line, joining: 33° 44'·30N., 131° 01'·57E.
(a) 33° 44'·33N., 131° 01'·68E.
33° 44'·02N., 131° 01'·75E.
33° 44'·00N., 131° 01'·62E.
legend, *Spoil Ground*, close E of: (a) above
 *Spoil Ground*
limit of spoil ground, pecked line, joining: (c) 33° 37'·85N., 131° 06'·70E.
33° 37'·78N., 131° 09'·72E.
33° 37'·80N., 131° 09'·85E.
33° 37'·70N., 131° 09'·88E.
(d) 33° 37'·68N., 131° 09'·73E.
legend, *Spoil Ground*, close W of: (c)-(d) above

II

108 KOREA - South Coast - Depths. Tidal streams.

Source: Korean Chart 2208

Chart 1259 (Panel B, Busan) [previous update 6411/19] WGS84 DATUM

Insert	depth, 15 ₇	(a)	35° 04'·05N., 129° 02'·17E.
Delete	depth, 16 ₃ , close NE of:	(a)	above
Insert	Insert symbol, flood tide stream arrow, direction 274°, 1·6kn, centred on:		35° 05'·72N., 129° 02'·10E.
	symbol, ebb tide stream arrow, direction 094°, 1·8kn, centred on:		35° 05'·73N., 129° 02'·27E.
	symbol, flood tide stream arrow, direction 241°, 0·8kn, centred on:	(b)	35° 01'·84N., 129° 01'·29E.
	symbol, ebb tide stream arrow, direction 063°, 0·8kn, close S of:	(b)	above
Delete	symbol, flood tide stream arrow, 0·5kn, centred on:	(c)	35° 05'·40N., 129° 01'·72E.
	symbol, ebb tide stream arrow, 0·6 kn, close N of:	(c)	above
	symbol, flood tide stream arrow, 1kn, centred on:	(d)	35° 02'·47N., 128° 59'·17E.
	symbol, ebb tide stream arrow, 1·5kn, close SE of:	(d)	above
	symbol, flood tide stream arrow, 1·6kn, centred on:	(e)	35° 02'·55N., 129° 00'·43E.
	symbol, ebb tide stream arrow, 1·9kn, close NE of:	(e)	above
	symbol, flood tide stream arrow, 2·9kn, centred on:	(f)	35° 01'·94N., 128° 59'·66E.
	symbol, ebb tide stream arrow, 2·3kn, close NE of:	(f)	above
	symbol, flood tide stream arrow, 1·7kn, centred on:	(g)	35° 02'·02N., 129° 00'·75E.
	symbol, ebb tide stream arrow, 1·8kn, close E of:	(g)	above
	symbol, flood tide stream arrow, 1·9kn, centred on:	(h)	35° 02'·00N., 129° 02'·29E.
	symbol, ebb tide stream arrow, 2kn, close NE of:	(h)	above

127 KOREA - South Coast - Depths.

Source: Korean Chart 2165

Chart 1065 [previous update 6411/19] WGS84 DATUM

Insert	depth, 20, enclosed by 20m contour	(a)	35° 00'·36N., 128° 30'·48E.
Delete	depth, 22, close SW of:	(a)	above
Insert	depth, 20 ₆	(b)	35° 00'·47N., 128° 31'·67E.
Delete	depth, 22 ₅ , close NE of:	(b)	above
Insert	depth, 18 ₆ , enclosed by 20m contour	(c)	34° 58'·28N., 128° 29'·85E.
Delete	depth, 21 ₅ , close NW of:	(c)	above
Insert	depth, 21		34° 58'·58N., 128° 28'·99E.
	depth, 19 ₇ , enclosed by 20m contour		34° 59'·87N., 128° 35'·32E.
	depth, 19 ₂ , enclosed by 20m contour		34° 59'·42N., 128° 35'·41E.
	depth, 19 ₅ , and extend 20m contour W to enclose		34° 59'·28N., 128° 35'·75E.
Replace	depth, 22, with depth, 19 ₂ , enclosed by 20m contour		34° 59'·33N., 128° 33'·67E.
	depth, 22 ₅ , with depth, 21 ₅		34° 57'·33N., 128° 33'·22E.

II

86 INDONESIA - Sulawesi - Light.

Source: Indonesian Notices 49/649-650/19

Chart 2953 [*previous update 6719/19*] WGS84 DATUM

Insert ★ Fl.5s14m12M & Fl.G.5s11m12M 5° 29′·0S., 123° 46′·1E.

44 AUSTRALIA - Western Australia - Miscellaneous correction.

Source: Australian Notice 24/1243/19

Chart Aus 742 [*previous update 5411/19*] WGS84 DATUM

Delete legend, Adjoining Chart Aus 741 in E border at latitude 20° 17′·50S.

46 AUSTRALIA - South Australia - Buoy.

Source: Australian Notice 24/1250/19

Chart Aus 781 [*previous update 5374/19*] WGS84 DATUM

Insert ! Fl(3)Y.30s 35° 13′·28S., 138° 27′·80E.

52 AUSTRALIA - Western Australia - Restricted area.

Source: Australian Notice 24/1246/19

Chart Aus 328 [*previous update 5152/19*] WGS84 DATUM

Delete circular limit of restricted area, TTTT, at well 19° 50′·97S., 115° 17′·20E.

53 AUSTRALIA - Victoria - Note.

Source: Australian Notice 24/1252/19

Chart Aus 357 [*previous update 5839/19*] WGS84 DATUM

Replace the existing note with the accompanying note, TRAFFIC SEPARATION, centred on: 38° 18′·4S., 146° 40′·3E.

Chart Aus 487 [*previous update 5401/19*] WGS84 DATUM

Replace the existing note with the accompanying note, TRAFFIC SEPARATION, centred on: 40° 57′·4S., 145° 16′·2E.

Chart Aus 802 [*previous update 5123/19*] WGS84 DATUM

Replace the existing note with the accompanying note, TRAFFIC SEPARATION, centred on: 38° 48′·17S., 145° 57′·15E.

II

60 AUSTRALIA - South Australia - Depths.

Source: Australian Notice 24/1251/19


Chart Aus 778 (Panel, Yarraville Shoals) [previous update 4645/19] WGS84 DATUM

Insert	depth, 20, enclosed by 20m contour	33° 16'·17S., 137° 32'·56E.
	depth, 19 ₈ , enclosed by 20m contour	33° 16'·27S., 137° 32'·41E.
	depth, 20, enclosed by 20m contour	33° 16'·70S., 137° 32'·35E.
Replace	depth, 20 ₁ , with depth, 19 ₈ , enclosed by 20m contour	33° 16'·42S., 137° 32'·62E.
	depth, 20, with depth, 19 ₇	33° 16'·54S., 137° 32'·47E.

61 AUSTRALIA - Western Australia - Buoy.

Source: Australian Notice 24/1248/19

Chart Aus 754 [previous update 6417/19] WGS84 DATUM

Insert	 Fl.Y.2.5s	31° 47'·82S., 115° 01'·07E.
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62 AUSTRALIA - Tasmania - NM Blocks.

Source: Australian Notice 24/1253/19

Chart Aus 172 (Panel, Bowen Bridge) [previous update 6085/19] WGS84 DATUM

Insert	the accompanying block A, centred on:	42° 49'·7S., 147° 18'·3E.
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Chart Aus 172 [previous update 6085/19] WGS84 DATUM

Insert	the accompanying block B, centred on:	42° 49'·7S., 147° 18'·3E.
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64 AUSTRALIA - Western Australia - Superbuoy. Obstruction.

Source: Australian Notice 24/1244/19

Chart 4603 (INT 603) [previous update 2515/19] WGS84 DATUM

Replace	 with  30 Obstn	19° 16'·6S., 116° 36'·8E.
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Chart 4708 (INT 708) [previous update 2784/19] WGS84 DATUM

Replace	 with  30 Obstn	19° 16'·6S., 116° 36'·8E.
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Chart 4722 (INT 722) [previous update 4883/19] WGS84 DATUM

Delete	 Modec Venture II	19° 16'·5S., 116° 36'·8E.
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Chart 4723 (INT 723) [previous update 6310/19] WGS84 DATUM

Delete	 Modec Venture II	19° 16'·5S., 116° 36'·8E.
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II

65 AUSTRALIA - Queensland - Buoyage.

Source: Australian Notice 24/1239/19

Chart Aus 235 [previous update 6494/19] WGS84 DATUM

Insert  *Fl.Y.3s FAD* 26° 55'·74S., 153° 31'·78E.

Chart Aus 814 [previous update 5838/19] WGS84 DATUM


Insert  *Fl.Y.3s FAD* 26° 55'·74S., 153° 31'·78E.

Delete  *Fl.Y.3s* 27° 10'·80S., 153° 35'·31E.
27° 13'·49S., 153° 35'·31E.
27° 17'·50S., 153° 35'·44E.
27° 18'·45S., 153° 33'·15E.
27° 54'·04S., 153° 44'·64E.
28° 00'·64S., 153° 46'·13E.
28° 03'·57S., 153° 39'·90E.

 *Fl.3s* 27° 52'·04S., 153° 49'·32E.

Chart Aus 815 [previous update 6494/19] WGS84 DATUM

Insert  *Fl.Y.3s FAD* 25° 53'·08S., 153° 21'·91E.
26° 15'·56S., 153° 19'·75E.
26° 32'·15S., 153° 34'·43E.
26° 55'·74S., 153° 31'·78E.

Replace  *Fl.Y.3s* with  *Fl.Y.3s FAD* 26° 35'·91S., 153° 19'·67E.

Delete  *Fl.Y.3s* 26° 31'·18S., 153° 21'·50E.

74 AUSTRALIA - Western Australia - NM Blocks. Miscellaneous correction.

Source: Australian Notice 24/1242/19

Chart Aus 325 [previous update 4883/19] WGS84 DATUM

Insert the accompanying block A, centred on: 17° 27'·0S., 120° 35'·5E.

the accompanying block B, centred on: 19° 47'·6S., 119° 00'·7E.

Delete magenta limit and chart reference, Aus 739, centred on: 18° 53'·4S., 119° 14'·5E.

II

78 AUSTRALIA - Western Australia - Obstructions.

Source: Australian Notice 24/1241/19

Chart Aus 64 [*previous update 6474/19*] WGS84 DATUM

Insert		21° 15'·75S., 115° 01'·58E.
		21° 18'·97S., 115° 10'·34E.

Chart Aus 65 [*previous update 6100/19*] WGS84 DATUM

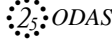
Insert		20° 39'·13S., 115° 35'·49E.
		20° 39'·86S., 115° 35'·13E.

Chart Aus 742 [*previous update 44/20*] WGS84 DATUM

Insert		20° 30'·17S., 115° 28'·26E. 20° 57'·51S., 115° 28'·25E.
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Chart Aus 743 [*previous update 6474/19*] WGS84 DATUM

Insert		20° 57'·51S., 115° 28'·25E.
		21° 07'·11S., 115° 31'·46E.
		21° 18'·97S., 115° 10'·34E.

99 AUSTRALIA - Western Australia - NM Blocks. Miscellaneous correction.

Source: Australian Notice 24/1245/19

Chart Aus 332 [*previous update 297/19*] WGS84 DATUM

Insert	the accompanying block A, centred on:	28° 37'·6S., 114° 24'·3E.
	the accompanying block B, centred on:	26° 40'·7S., 114° 13'·5E.
	the accompanying block C, centred on:	28° 35'·1S., 113° 47'·4E.
Delete	magenta limit and chart number, Aus 751, in position	28° 10'·9S., 113° 17'·4E.

II

120 PAPUA NEW GUINEA - Lights. Light-beacons. (continued)

Chart PNG 643 [*previous update New Chart 05/04/2019*] WGS84 DATUM

Amend range of light to 10M 7° 00'·81S., 147° 04'·17E.

Chart 4620 (INT 620) [*previous update 6127/19*] WGS84 DATUM

Amend range of light to 10M 8° 54'·3S., 148° 28'·2E.

Chart 4621 (INT 621) [*previous update 6127/19*] WGS84 DATUM

Amend range of light to 10M 8° 54'·1S., 148° 28'·1E.
11° 26'·9S., 154° 23'·8E.

Chart 4622 (INT 622) [*previous update 3080/19*] WGS84 DATUM

Amend range of light to 8M 6° 19'·7S., 147° 48'·6E.

Chart 4634 (INT 634) [*previous update 1514/19*] WGS84 DATUM

Amend range of light to 10M 11° 26'·9S., 154° 23'·9E.

123 NORTH PACIFIC OCEAN - Hawaiian Islands - Superbuoy. Buoy.

Source: US Coast Guard District 14 LNMs 48/19013/19 and 48/19004/19

Chart 1510 [*previous update 5640/18*] WGS84 DATUM




Move  *Fl(4)Y.20s ODAS '51003' PA*, from: 19° 20'·6N., 160° 37'·2W.
to: 19° 10'·5N., 160° 37'·5W.
 *Fl.Y.4s*, from: 22° 46'·0N., 157° 54'·0W.
to: 22° 40'·0N., 157° 57'·0W.

Chart 4809 (INT 809) [*previous update 122/19*] WGS84 DATUM

Move  *Fl(4)Y.20s ODAS 51003 PA*, from: 19° 20'·9N., 160° 37'·4W.
to: 19° 10'·5N., 160° 37'·5W.

109 UNITED STATES OF AMERICA - West Coast - Buoyage.

Source: US Coast Guard District 13 LNM 47/18526/19

Chart 2849 (Panel B) [*previous update 5345/19*] NAD83 DATUM


Delete symbol, orange and white pillar light-buoy, *Fl.4s 'A'* 45° 30'·15N., 122° 40'·04W.
symbol, orange and white pillar light-buoy, *Fl.4s 'B'* 45° 30'·35N., 122° 40'·14W.

II

112 BRAZIL - South Coast - Buoy. Fishing stakes.

Source: ENC BR502101

Chart 2002 [*previous update New Edition 12/12/2019*] WGS84 DATUM

Insert	 <i>Fl(5)Y.20s ODAS</i>	32° 08'·07S., 52° 05'·87W.
Delete	symbol, fishing stakes, centred on:	32° 01'·06S., 52° 02'·74W. 32° 02'·62S., 52° 02'·52W. 32° 03'·25S., 52° 02'·91W. 32° 03'·57S., 52° 03'·20W. 32° 03'·85S., 52° 03'·52W. 32° 03'·99S., 52° 03'·73W. 32° 04'·50S., 52° 04'·32W.

71 COLOMBIA - Caribbean Sea Coast - Light.

Source: ENC CO400606

Chart 2195 [*previous update 1039/19*] WGS84 DATUM

Amend	range of light to, 17M	11° 32'·6N., 72° 55'·8W.
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85* WEST INDIES - Turks and Caicos Islands - NM Block. Depths.

Source: British Government Survey

Chart 3907 (INT 4160) [*previous update 6206/19*] WGS84 DATUM

Insert	the accompanying block, centred on: depth, 7, enclosed by 10m contour depth, 8 ₅ , enclosed by 10m contour	21° 09'·7N., 71° 39'·3W. 21° 43'·9N., 71° 24'·0W.
Delete	depth, 10 ₅ , close W of:	(a) 21° 40'·4N., 71° 25'·0W. (a) above

Chart 3908 (INT 4162) [*previous update 6221/19*] WGS84 DATUM

Insert	the accompanying block, centred on: depth, 7, enclosed by 10m contour depth, 8 ₅ , enclosed by 10m contour	21° 12'·5N., 71° 36'·2W. 21° 43'·9N., 71° 24'·0W.
Delete	depth, 10 ₅ , close W of:	(a) 21° 40'·4N., 71° 25'·0W. (a) above

119 NICARAGUA - Caribbean Sea Coast - Depths.

Source: Colombian Chart 8

Chart 396 [*previous update 6338/19*] WGS84 DATUM

Insert	depth, 765, and extend 1000m contour S to enclose	(a) 11° 57'·4N., 81° 15'·1W.
Delete	depth, 875, close N of:	(a) above
Replace	depth, 778, with depth, 694	13° 41'·6N., 81° 01'·0W.

Chart 4400 (INT 400) [*previous update 6517/19*] WGS84 DATUM

Insert	depth, 765, enclosed by 1000m contour	11° 57'·4N., 81° 15'·1W.
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Chart 4402 (INT 402) [*previous update 6517/19*] WGS84 DATUM



Insert	depth, 765, enclosed by 1000m contour	11° 57'·4N., 81° 15'·1W.
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II

125 UNITED STATES OF AMERICA - Gulf of Mexico - Light. Buoy.

Source: US Coast Guard District 8 LNM 47/11375/19

Chart 3841 [*previous update 5203/19*] NAD83 DATUM

Replace  • Fl R 4s 17ft 4M "50" with  Fl.R.4s '50' 30° 20'·40N., 88° 33'·83W.

83 UNITED STATES OF AMERICA - East Coast - NM Block.

Source: UKHO

Chart 2603 (Panel 4, Entrance to the Chesapeake and Delaware Canal) [*previous update 6385/19*] NAD83 DATUM

Insert the accompanying block, centred on: 39° 33'·8N., 75° 33'·4W.

114 UNITED STATES OF AMERICA - East Coast - NM Block. Light. Safe vertical clearance.

Source: US Coast Guard District 1 LNM 47/13227/19 and OCS

Chart 2732 (Panel 4, Fall River Harbor) [*previous update 6674/19*] NAD83 DATUM

Insert the accompanying block, centred on: 41° 43'·2N., 71° 09'·5W.

Amend light to, F.R.18ft 41° 42'·769N., 71° 11'·463W.

Chart 2732 (Panel 3, Sandy Point to Fall River) [*previous update 6674/19*] NAD83 DATUM

Replace symbol, safe vertical clearance 145ft, with symbol, safe vertical clearance 159ft 41° 43'·40N., 71° 09'·67W.

II

69(T)/20 ENGLAND - South Coast - Buoy.

Source: Cowes Harbour Commission

1. A yellow special light-buoy, *Fl.Y.4s*, has been deployed until further notice in position 50° 46'·015N., 1° 17'·519W. (ETRS89 DATUM)

Chart affected - 2793

88(T)/20 ENGLAND - South Coast - Buoyage.

Source: Plymouth Marine Laboratory

1. Subsurface target buoys have been deployed in the following positions:

50° 13'·95N., 4° 16'·90W.

50° 14'·59N., 4° 16'·06W.

50° 14'·28N., 4° 16'·46W.

2. The subsurface targets sit 20m above the sea bed.
3. There are lit buoys, *Fl(5)20s*, within 200m of each target. (ETRS89 DATUM)

Charts affected - 442 (INT 1701) - 1267 - 1613 - 1900 - 2655 - 2656 - 2675 (INT 1070)

92(P)/20 ISLE OF MAN - Wreck.

Source: Isle of Man Harbours Notice 16/19

1. A wreck, depth 27m, exists in position 54° 07'·26N., 4° 51'·61W.
2. Mariners are advised to navigate with caution in the area.
3. This change will be included in New Editions of Charts 1411 and 1121, to be published early 2020.
4. Charts 2093, 2094 and 1826 will be updated by Notice to Mariners. (ETRS89 DATUM)

Charts affected - 1121 (INT 1062) - 1411 (INT 1608)

97(T)/20 WALES - South Coast - Buoy.

Source: Milford Haven Port Authority Notice 124/19

1. A yellow waverider data buoy, *Fl(5)Y.20s*, has been established in position 51° 42'·594N., 5° 07'·675W.
2. Mariners are advised to navigate with caution in the area. (ETRS89 DATUM)

Charts affected - 3273 (INT 1649) - 3274 (INT 1650)

II

115(T)/20 ENGLAND - West Coast - Buoy.

Source: Ørsted

1. The following light-buoy has been reported unlit:

<i>Characteristic</i>	<i>Buoy Type</i>	<i>Position</i>
<i>Fl(5)Y.20s</i> (ETRS89 DATUM)	Wave buoy	53° 30'·11N., 3° 21'·69W.

Charts affected - 1951 (INT 1642) - 1978 - 1981

118(T)/20 ENGLAND - West Coast - Buoyage.

Source: Ørsted

1. The following light-buoys have been reported unlit:

<i>Characteristic</i>	<i>Buoy Type</i>	<i>Position</i>
<i>V.Q</i>	North Cardinal	54° 09'·72N., 3° 49'·58W.
<i>Q(9)15s</i> (ETRS89 DATUM)	West Cardinal	54° 06'·63N., 3° 55'·34W.

Charts affected - 1320 - 1826 (INT 1607)

94(T)/20 SWEDEN - West Coast - Berth. Works. Buoyage.

Source: Swedish Notice 784/14551(T)/19

1. Berth 702, in position 55° 37'·578N., 12° 59'·324E., is closed for all traffic due to works.
2. Special buoys have been established in the following positions:

55° 37'·535N., 12° 59'·141E.
55° 37'·527N., 12° 59'·216E.
(WGS84 DATUM)

Charts affected - 911 (INT 1322) - 8296

95(P)/20 SWEDEN - East Coast - Dredged depths. Buoyage. Dredged area. Channel. Depth.

Source: Swedish Notice 784/14426/19

1. Numerous changes to dredged depths and buoyage have occurred in the approaches to the Port of Luleå.
2. A new dredged area, depth 11·6m, has been established, bounded by the following positions:

65° 29'·88N., 22° 22'·95E.
65° 30'·02N., 22° 23'·23E.
65° 30'·21N., 22° 22'·64E.
65° 30'·09N., 22° 22'·39E.

3. The main channel is now dredged to 11·6m between the following positions:

65° 30'·15N., 22° 22'·51E.
65° 30'·77N., 22° 20'·84E.
65° 31'·86N., 22° 19'·83E.
65° 32'·56N., 22° 17'·61E.
65° 32'·80N., 22° 14'·41E.

II

95(P)/20 SWEDEN - East Coast - Dredged depths. Buoyage. Dredged area. Channel. Depth. (continued)

4. A depth, 11.4m, exists in position 65° 32' .47N., 22° 17' .83E.
5. The following dredged area depths have been amended to 11.6m:

65° 32' .66N., 22° 17' .02E.

65° 32' .79N., 22° 15' .30E.

6. The following spar buoys have been established:

<i>Buoy Type</i>	<i>Characteristic</i>	<i>Position</i>
Port-hand	Unlit	65° 30' .87N., 22° 20' .61E.
Port-hand	Unlit	65° 31' .71N., 22° 19' .89E.
Starboard-hand	<i>FL.G.3s</i>	65° 32' .53N., 22° 17' .80E.

7. These and other changes will be included in a New Edition of Chart 1010 to be published early 2020.
(WGS84 DATUM)

Chart affected - 1010

40(T)/20 NORTH SEA - United Kingdom Sector - Scientific instrument.

Source: Marine Scotland Science

1. An unmarked subsurface scientific instrument, extending 6m from the seabed, has been established in position 56° 38' .82N., 0° 05' .64W.
(WGS84 DATUM)

Charts affected - 273 - 2182B (INT 1042)

II

110(P)/20 NORTH ATLANTIC OCEAN - Works. Submarine cables.

Source: Alcatel Submarine Networks

1. Cable installation works are planned between March and December 2020 to install a telecommunications cable joining the following positions for water less than 200m deep:

<i>Segment</i>	<i>Approximate Positions</i>
Sesimbra	38° 25'·81N., 9° 05'·40W. 38° 25'·43N., 9° 05'·37W. 38° 24'·79N., 9° 05'·69W. 38° 20'·26N., 9° 09'·29W.
Madeira	32° 41'·706N., 16° 44'·830W. 32° 42'·528N., 16° 45'·391W.
Abidjan	4° 58'·4N., 3° 46'·4W. 5° 05'·9N., 3° 47'·6W.
Accra	5° 30'·50N., 0° 10'·24E. 5° 33'·44N., 0° 07'·93E.
Lagos	6° 07'·36N., 3° 33'·21E. 6° 16'·29N., 3° 32'·77E. 6° 17'·65N., 3° 31'·88E.
St Helena	15° 54'·30S., 5° 42'·85W. 15° 52'·36S., 5° 42'·59W. 15° 51'·40S., 5° 42'·16W.
Congo (Democratic Republic)	5° 58'·52S., 12° 20'·46E. 5° 56'·38S., 11° 50'·08E. 5° 51'·38S., 11° 37'·12E. 5° 47'·33S., 11° 31'·95E.
Swakopmund	22° 41'·44S., 13° 31'·57E. 22° 39'·43S., 14° 23'·41E.
Cape Town	33° 44'·36S., 18° 21'·20E. 33° 46'·96S., 18° 12'·09E. 33° 47'·03S., 18° 12'·02E. 33° 47'·53S., 18° 08'·45E. 33° 50'·85S., 17° 52'·53E.

2. Charts will be updated when full details are available.
(WGS84 DATUM)

Charts affected - 306 (INT 2814) - 311 (INT 2089) - 595 (INT 2087) - 658 - 1381 - 1383 (INT 2806) - 1384 (INT 2807) - 1385 (INT 2808) - 1684 - 1685 (INT 1920) - 1771 (INT 2516) - 1831 - 3100 (INT 2805) - 3118 (INT 2088) - 3432 - 3635 - 3636 - 3859 (INT 2610) - 4138 (INT 2613) - 4146 - 4148 (INT 2681) - 4150 - 4151 (INT 2670) - 4152 (INT 2680) - 4175 (INT 2051) - 4176 (INT 2052)

II

42(P)/20 KENYA - Works. Buoyage. Leading lights. Pilot boarding place.

Source: Kenya Ports Authority

1. New port development works are taking place within Manda Bay.
2. The following lateral light-buoys have been established:

<i>Characteristic</i>	<i>Designation</i>	<i>Position</i>
<i>Q.G</i>	<i>No 1</i>	2° 20'·13S., 41° 01'·41E.
<i>Q.R</i>	<i>No 2</i>	2° 20'·16S., 41° 01'·25E.
<i>Q.G</i>	<i>No 3</i>	2° 18'·31S., 41° 01'·24E.
<i>Q.R</i>	<i>No 4</i>	2° 17'·38S., 41° 00'·97E.
<i>Q.G</i>	<i>No 5</i>	2° 15'·38S., 41° 00'·92E.
<i>Q.R</i>	<i>No 6</i>	2° 14'·54S., 41° 00'·62E.
<i>Q.G</i>	<i>No 7</i>	2° 14'·40S., 41° 00'·92E.
<i>Q.R</i>	<i>No 8</i>	2° 13'·57S., 41° 00'·05E.
<i>Q.G</i>	<i>No 9</i>	2° 13'·20S., 41° 00'·08E.
<i>Q.R</i>	<i>No 10</i>	2° 12'·92S., 40° 59'·04E.

Additional buoyage is planned within the inner harbour.

3. Leading lights will be established in the following approximate positions:

2° 12'·23S., 41° 00'·46E.

2° 10'·89S., 40° 58'·39E.

2° 10'·87S., 40° 55'·00E.

4. A new pilot boarding place has been established approximately 3 miles SE of *No 1* light-buoy (2° 20'·13S., 41° 01'·41E).
5. Mariners are advised to consult the Lamu port authorities for the latest information.
6. Charts will be updated when full details are available.
(WGS84 DATUM)

Chart affected - 668

77(T)/20 TAIWAN - Spoil ground. Works.

Source: UKHO

1. Dredging works are taking place in the approaches to Mai-Liao, between the following positions:

23° 47'·34N., 120° 10'·17E.

23° 46'·20N., 120° 08'·39E.

2. A dumping ground has been established, radius 0·5NM, centred on position 23° 44'·87N., 120° 09'·34E.
(WGS84 DATUM)

Charts affected - 2409 - 3231

II

87(P)/20 TAIWAN - Depths. Drying height. Wrecks. Superbuoy.

Source: UKHO

1. Numerous depths less than charted exist in the approaches to Mai-Liao. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
4.6m	23° 58'·09N., 120° 15'·98E.
6.6m	23° 52'·89N., 120° 12'·35E.
3.8m	23° 51'·96N., 120° 11'·99E.
11.5m	23° 51'·01N., 120° 08'·83E.
0.9m	23° 50'·79N., 120° 11'·23E.
17.7m	23° 47'·49N., 120° 10'·78E.
13.9m	23° 47'·24N., 120° 10'·64E.
17.7m	23° 46'·58N., 120° 05'·81E.
12.9m	23° 44'·53N., 120° 07'·49E.
19m	23° 43'·79N., 120° 05'·23E.
6.1m	23° 41'·53N., 120° 05'·42E.
1.2m	23° 36'·93N., 120° 04'·48E.
6.6m	23° 33'·45N., 120° 02'·44E.
2m	23° 31'·72N., 120° 03'·48E.

2. A drying height, 0.2m exists in position 23° 30'·91N., 120° 04'·35E.
3. A dangerous wreck exists in position 24° 01'·37N., 120° 19'·35E.
4. A stranded wreck exists in position 23° 53'·00N., 120° 13'·00E.
5. * A superbuoy, *Fl(5)Y.20s* exists in position 23° 53'·95N., 120° 08'·49E.
6. Mariners are advised to navigate with caution in the area.
7. These changes will be included in New Editions of Charts 2409 and 3231 to be published early 2020.
8. Former Notice 5929(P)/19 is cancelled.

* Indicates new or revised entry
(WGS84 DATUM)

Charts affected - 2409 - 3231

121(T)/20 CHINA - South Coast - Works.

Source: Hong Kong Notice 24/52(T)/19 and Marine Department Notice 173/19

1. Marine works are taking place within an area bounded by the following positions:

22° 17'·964N., 114° 10'·862E.
22° 17'·974N., 114° 10'·953E.
22° 17'·761N., 114° 10'·999E.
22° 17'·713N., 114° 10'·903E.

2. Former Notice 5882(T)/18 is cancelled.
(WGS84 DATUM)

Chart affected - 4118

II

36(T)/20 JAPAN - Honshū - Works.

Source: Japanese Notice 48/5562(T)/19

1. Dredging works are taking place daily, until 27 March 2020, within an area bounded by the following positions:

40° 33' 53.1"N., 141° 29' 31.2"E.
40° 33' 30.7"N., 141° 30' 10.0"E.
40° 33' 20.1"N., 141° 30' 49.3"E.
40° 33' 11.2"N., 141° 30' 54.7"E.
40° 32' 48.6"N., 141° 31' 01.6"E.
40° 32' 37.4"N., 141° 30' 49.1"E.
40° 32' 35.1"N., 141° 30' 51.7"E.
40° 32' 28.9"N., 141° 30' 59.3"E.
40° 32' 41.0"N., 141° 31' 21.4"E.
40° 32' 47.7"N., 141° 31' 22.7"E.
40° 33' 23.1"N., 141° 30' 57.5"E.

(WGS84 DATUM)

Chart affected - JP 65

37(P)/20 JAPAN - Honshū - Restricted area.

Source: Japanese Notice 48/5563(P)/19

1. The restricted area, entry prohibited, has been extended, and is now bounded by the following positions:

35° 35' 04.6"N., 139° 49' 27.2"E.
35° 34' 41.6"N., 139° 49' 45.9"E.
35° 35' 01.0"N., 139° 50' 21.7"E.
35° 35' 29.8"N., 139° 50' 02.9"E.
35° 35' 24.4"N., 139° 49' 53.3"E.

2. This change will be included in the next New Edition of Chart JP1065.

3. Charts JP1061 and JP90 will be updated by Notice to Mariners.

(WGS84 DATUM)

Charts affected - JP 90 - JP 1061 - JP 1065

38(T)/20 JAPAN - Seto Naikai - Obstruction.

Source: Japanese Notice 48/5566(T)/19

1. An obstruction, consisting of an anchor chain, exists in position 34° 37' 52"N., 135° 27' 02"E.

(WGS84 DATUM)

Chart affected - JP 123

II

39(T)/20 JAPAN - Kyūshū - Buoyage.

Source: Japanese Notice 48/5569(T)/19

1. Two yellow pillar buoys, have been established in the following positions:

30° 04'·60N., 129° 51'·88E.

30° 04'·50N., 129° 51'·52E.

(WGS84 DATUM)

Chart affected - JP 1222

128(P)/20 KOREA - East Coast - Pier. Alongside depths. Pontoons. Fouls. Depths.

Source: Korean Notice 44/1026/19 and Korean Charts 1751 and 1752

1. Changes to charted detail have taken place within Mukho and Pohang. The most significant of these are listed below.
2. A pier has been established between 37° 33'·02N., 129° 06'·78E. and 37° 33'·01N., 129° 06'·83E. .
3. Alongside depths within Mukho have changed. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
6m	37° 33'·01N., 129° 06'·77E.
4·5m	37° 33'·04N., 129° 06'·80E.

4. The pontoons within Pohang, have been removed in the following positions:

36° 00'·90N., 129° 24'·03E.

36° 00'·90N., 129° 24'·00E.

and

36° 00'·88N., 129° 24'·10E.

36° 00'·89N., 129° 24'·07E.

5. Alongside depths within Pohang have changed. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
6·8m	36° 00'·78N., 129° 24'·38E.
9·7m	36° 00'·65N., 129° 24'·54E.
4·4m	36° 00'·65N., 129° 24'·28E.
4·5m	36° 00'·75N., 129° 24'·17E.
9·7m	36° 00'·82N., 129° 24'·24E.
*17·8m	36° 01'·66N., 129° 24'·80E.
*11·5m	36° 01'·11N., 129° 23'·78E.
*10·8m	36° 00'·82N., 129° 25'·11E.
*8·2m	36° 00'·79N., 129° 25'·21E.
*9·5m	36° 00'·73N., 129° 24'·76E.
*9·2m	36° 00'·74N., 129° 24'·93E.

6. *Depths less than charted exist in the vicinity of Pohang Hang. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
6·8m	36° 00'·65N., 129° 27'·82E.
11·1m	36° 02'·09N., 129° 29'·89E.

7. *Fouls exist in the following positions:

36° 06'·29N., 129° 27'·24E.

36° 04'·75N., 129° 25'·41E.

8. Former Notice 6232(P)/19 is cancelled.
9. These changes will be included in a New Edition of Chart 898 to be published early 2020.
* Indicates new or revised entries.

(WGS84 DATUM)

Chart affected - 898

II

47(P)/20 AUSTRALIA - Queensland - Depth.

Source: Australian Notice 24/1255(P)/19

1. A depth of 16.8m exists in position 19° 51'·30S., 148° 04'·90E.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Chart affected - Aus 255

48(T)/20 AUSTRALIA - Queensland - Obstruction. Buoy.

Source: Australian Notice 24/1256(T)/19

1. An obstruction marked by a special light-buoy, *FL.Y.2.5s*, exists in position 24° 51'·67S., 152° 21'·41E.
(WGS84 DATUM)

Chart affected - Aus 242

57(P)/20 AUSTRALIA - South Australia - Works.

Source: Australian Notice 24/1291(P)/19

1. *The Entrance Channel (34° 47'·19S., 138° 24'·51E.) has been widened to 170m and the Swinging Basin (34° 46'·02S., 138° 29'·19E.) has been expanded to a diameter of 560m.
2. *Nav aids marking the southern edge of the Entrance Channel, including leading light beacons in positions 34° 46'·71S., 138° 21'·59E. and 34° 46'·74S., 138° 21'·81E., and north of the eastern Outer Harbor Swinging Basin dredged limit, have been removed.
3. Nav aids that have been removed may be replaced with Virtual Aids to Navigation (V-AIS) or temporary buoys.
4. Mariners are advised to navigate with caution in the area.
5. Former Notice 6126(P)/19 is cancelled.
*Indicates a new or revised entry
(WGS84 DATUM)

Charts affected - Aus 130 - Aus 137 - Aus 138 - Aus 781

59(T)/20 AUSTRALIA - Western Australia - Measuring instrument.

Source: Australian Notice 24/1285(T)/19

1. A measuring instrument, marked by a special light buoy, *Q*, has been established in position 20° 24'·95S., 117° 23'·35E.
(WGS84 DATUM)

Charts affected - Aus 55 - Aus 326

63(T)/20 AUSTRALIA - Western Australia - Works. Buoyage.

Source: Australian Notice 24/1283(T)/19

1. Works to establish artificial reefs are in progress in the vicinity of the following positions:
34° 59'·53S., 117° 57'·56E.
34° 59'·24S., 117° 57'·19E.
2. The construction areas will be marked by special buoys.

II

63(T)/20 AUSTRALIA - Western Australia - Works. Buoyage. (continued)

3. A barge and support vessel are on site and will display appropriate lights and shapes and monitor VHF Ch 16.
4. Mariners are advised to navigate with caution in the area and keep well clear.
(WGS84 DATUM)

Chart affected - Aus 110

67(T)/20 AUSTRALIA - Western Australia - Obstruction.

Source: Australian Notice 24/1273(T)/19

1. An obstruction, submarine cable, has been reported between the following positions:

20° 30'·66S., 116° 26'·38E.

20° 30'·09S., 116° 27'·99E.

(WGS84 DATUM)

Charts affected - Aus 57 - Aus 327 - Aus 742

68(T)/20 AUSTRALIA - Queensland - Buoy.

Source: Australian Notice 24/1270(T)/19

1. The port lateral light-buoy, *Fl.R.2.5s No4*, in position 10° 34'·054S., 142° 15'·344E. is off station.
(WGS84 DATUM)

Chart affected - Aus 299

II

70(P)/20 AUSTRALIA - New South Wales - Submarine cables.

Source: Australian Notice 24/1268(P)/19

1. Submarine cables exist between the following positions:

33° 54'·33S., 151° 16'·55E.

34° 23'·78S., 151° 49'·19E.

34° 31'·95S., 152° 18'·46E.

34° 29'·36S., 153° 13'·74E.

34° 04'·85S., 154° 18'·99E.

32° 14'·08S., 155° 21'·76E.

31° 27'·48S., 156° 41'·51E.

29° 00'·17S., 156° 46'·65E.

27° 13'·80S., 155° 59'·08E.

27° 11'·16S., 155° 58'·74E.

22° 03'·78S., 155° 56'·03E.

15° 00'·71S., 153° 28'·18E.

10° 44'·26S., 147° 41'·80E.

9° 30'·11S., 147° 10'·21E.

and

15° 02'·89S., 153° 29'·50E.

11° 00'·19S., 158° 15'·24E.

10° 07'·33S., 158° 37'·49E.

9° 42'·57S., 159° 13'·79E.

9° 42'·57S., 159° 13'·79E.

9° 11'·62S., 159° 32'·03E.

9° 15'·33S., 159° 52'·64E.

9° 25'·73S., 159° 57'·00E.

and

9° 15'·76S., 159° 58'·54E.

9° 19'·26S., 160° 29'·54E.

9° 13'·58S., 160° 36'·71E.

8° 46'·24S., 160° 41'·17E.

and

9° 25'·73S., 159° 57'·00E.

9° 15'·76S., 159° 58'·54E.

9° 00'·30S., 159° 49'·73E.

7° 53'·17S., 157° 38'·84E.

7° 54'·72S., 157° 17'·59E.

and

8° 12'·88S., 157° 12'·27E.

7° 54'·72S., 157° 17'·59E.

7° 08'·55S., 156° 25'·04E.

6° 56'·58S., 156° 21'·22E.

6° 42'·76S., 156° 23'·98E.

2. Charts will be updated when full details are available

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

(WGS84 DATUM)

Charts affected - Aus 197 - Aus 200 - Aus 379 - Aus 621 - Aus 808 - SLB 101 - SLB 102 - SLB 106 - SLB 201 - SLB 301 - SLB 302 - SLB 303 - SLB 304

II

73(P)/20 AUSTRALIA - Western Australia - Depths.

Source: Australian Notice 24/1280(P)/19

1. Depths less than charted exist in the vicinity of the islands and reefs of Houtman Abrolhos, between North Island (28° 17'·9S., 113° 35'·8E.) and Pelsaert Island (28° 56'·1S., 113° 58'·1E.).
2. The most significant depths are as follows:

<i>Position</i>	<i>Depth</i>
28° 31'·2S., 113° 42'·0E.	8.5m
28° 41'·1S., 113° 46'·6E.	9.6m
28° 41'·5S., 113° 50'·9E.	10.9m
28° 41'·9S., 113° 47'·1E.	5.0m
28° 42'·3S., 113° 51'·4E.	12.6m
28° 44'·3S., 113° 47'·6E.	7.6m
28° 44'·7S., 113° 47'·9E.	5.9m
28° 45'·2S., 113° 49'·2E.	18.4m
28° 45'·6S., 113° 48'·9E.	10.1m

3. Mariners are advised to navigate with caution in the area.
4. Chart Aus332 will be updated when full details are available.
(WGS84 DATUM)

Chart affected - Aus 332

51(T)/20 CORAL SEA - Works.

Source: Australian Notice 24/1265(T)/19

1. Cable laying operations are in progress within an area bounded by the following positions:

15° 20'·0S., 157° 05'·0E.
25° 20'·0S., 157° 05'·0E.
25° 20'·0S., 161° 20'·0E.
15° 20'·0S., 161° 20'·0E.

2. Mariners are advised to navigate with caution in the area and maintain a clearance of 2.5 nautical miles.
(WGS84 DATUM)

Charts affected - 4602 (INT 602) - 4604 (INT 604) - 4621 (INT 621) - 4634 (INT 634) - 4635 (INT 635) - 4636 (INT 636)

72(P)/20 BRAZIL - East Coast - Depths.

Source: Brazilian Notice 16/108(P)/17

1. Numerous depths less than charted exist in the region of Baía de Macapá. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
7·6m	0° 09'·11N., 50° 51'·58W.
11·8m	0° 06'·48N., 50° 54'·50W.
6·9m	0° 05'·64N., 50° 56'·75W.
10·7m	0° 03'·51N., 50° 58'·68W.
11·8m	0° 02'·52N., 50° 59'·21W.
10·6m	0° 00'·55N., 50° 58'·36W.
7·5m	0° 01'·19S., 50° 58'·62W.
4·2m	0° 03'·46S., 51° 01'·30W.

II

72(P)/20 BRAZIL - East Coast - Depths. (continued)

2. Mariners are advised to navigate with caution in the area.
3. Chart 2189 will be updated when full details are available.
(WGS84 DATUM)

Chart affected - 2189

To accompany Notice to Mariners 98/2020

On Chart 2663

USE OF LARGER SCALE CHARTS
This chart includes references to larger scale French charts. Only those listed in NP131 ADMIRALTY Maritime Data Solutions Catalogue are available from the UK Hydrographic Office. Details about other charts covering French waters can be found in the French chart catalogue at <https://diffusion.shom.fr/default/catalogues>.

To accompany Notice to Mariners 105/20

On Chart 2182A

GAS FIELD DECOMMISSIONING
Production platforms and associated structures in the areas indicated are currently being decommissioned. During the works, aids to navigation may be unreliable and certain features may not be as shown. Consult local notices to mariners issued by the oil/gas field operator for details of decommissioning progress.

To accompany Notice to Mariners 105/20

On Chart 2182B

OIL/GAS FIELD DECOMMISSIONING
Production platforms and associated structures in the areas indicated are currently being decommissioned. During the works, aids to navigation may be unreliable and certain features may not be as shown. Consult local notices to mariners issued by the oil/gas field operator for details of decommissioning progress.

To accompany Notice to Mariners 105/20

On Chart 266

GAS FIELD DECOMMISSIONING
Production platforms and associated structures in the areas indicated are currently being decommissioned. During the works, aids to navigation may be unreliable and certain features may not be as shown. Consult local notices to mariners issued by the oil/gas field operator for details of decommissioning progress.

To accompany Notice to Mariners 53/20

On Chart Aus 357

TRAFFIC SEPARATION
The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routing system. The scheme has been established to enhance maritime safety and environment protection. Ships operating in or near the scheme must comply with Rule 10 of COLREGs.

To accompany Notice to Mariners 53/20

On Chart Aus 487

TRAFFIC SEPARATION
The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routing system. The scheme has been established to enhance maritime safety and environment protection. Ships operating in or near the scheme must comply with Rule 10 of COLREGs.

To accompany Notice to Mariners 53/20

On Chart Aus 802

TRAFFIC SEPARATION
The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routing system. The scheme has been established to enhance maritime safety and environment protection. Ships operating in or near the scheme must comply with Rule 10 of COLREGs.

To accompany Notice to Mariners 56/20

On Chart 3690

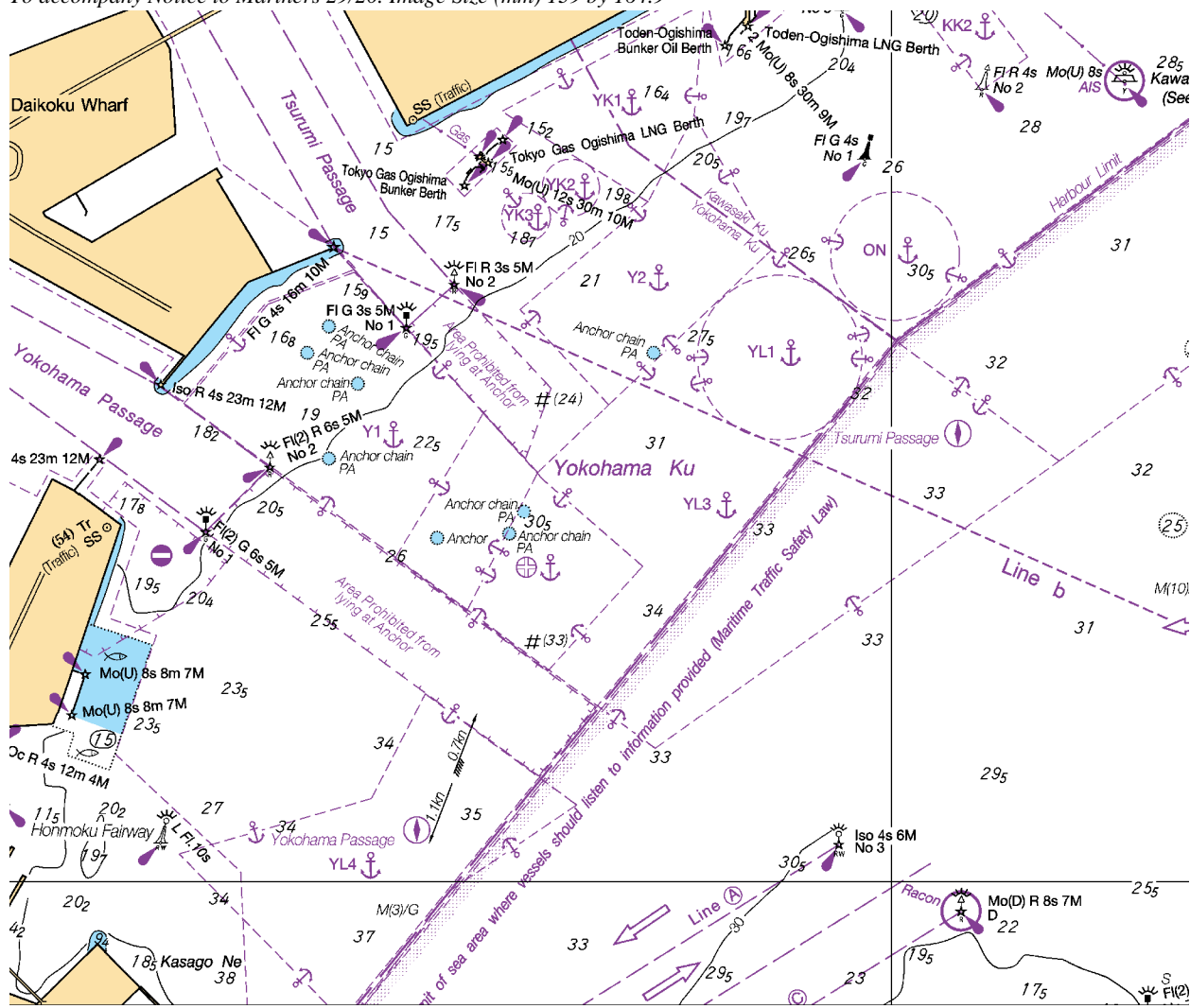
VESSEL REPORTING
For details of the Dalian Vessel Traffic Service, see Admiralty List of Radio Signals.

To accompany Notice to Mariners 56/20

On Chart 3697

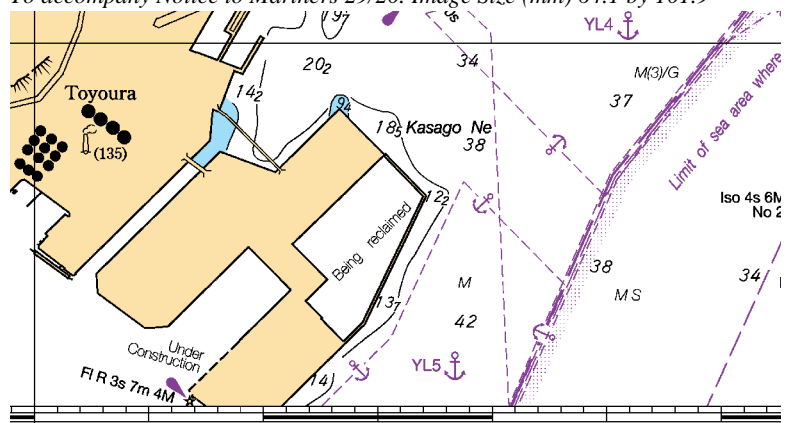
VESSEL REPORTING
For details of the Dalian Vessel Traffic Service, see Admiralty List of Radio Signals.

To accompany Notice to Mariners 29/20. Image Size (mm) 139 by 164.9



Block A for Chart No JP1061

To accompany Notice to Mariners 29/20. Image Size (mm) 64.1 by 101.9

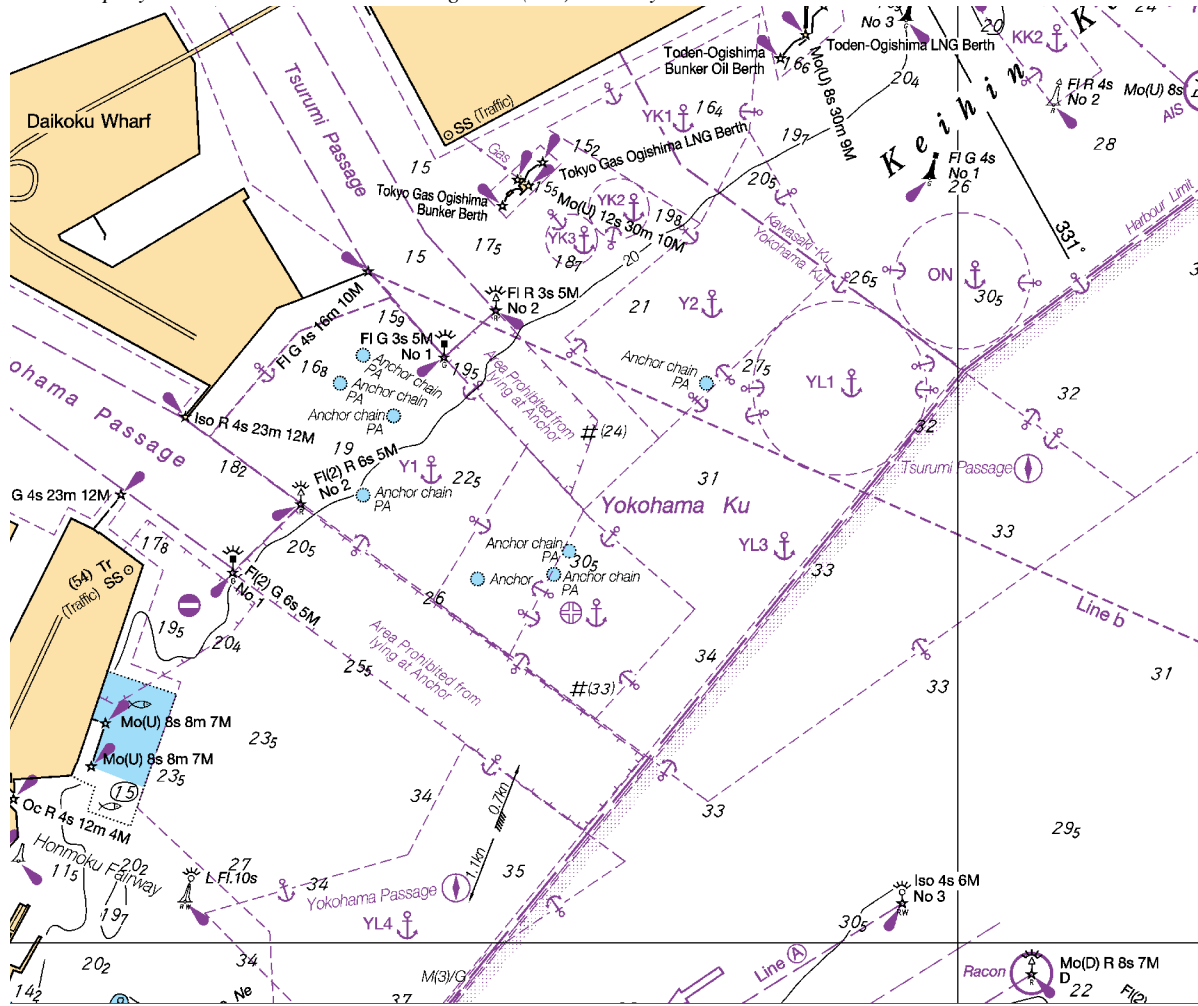


1° 40' E

Chart JP1062

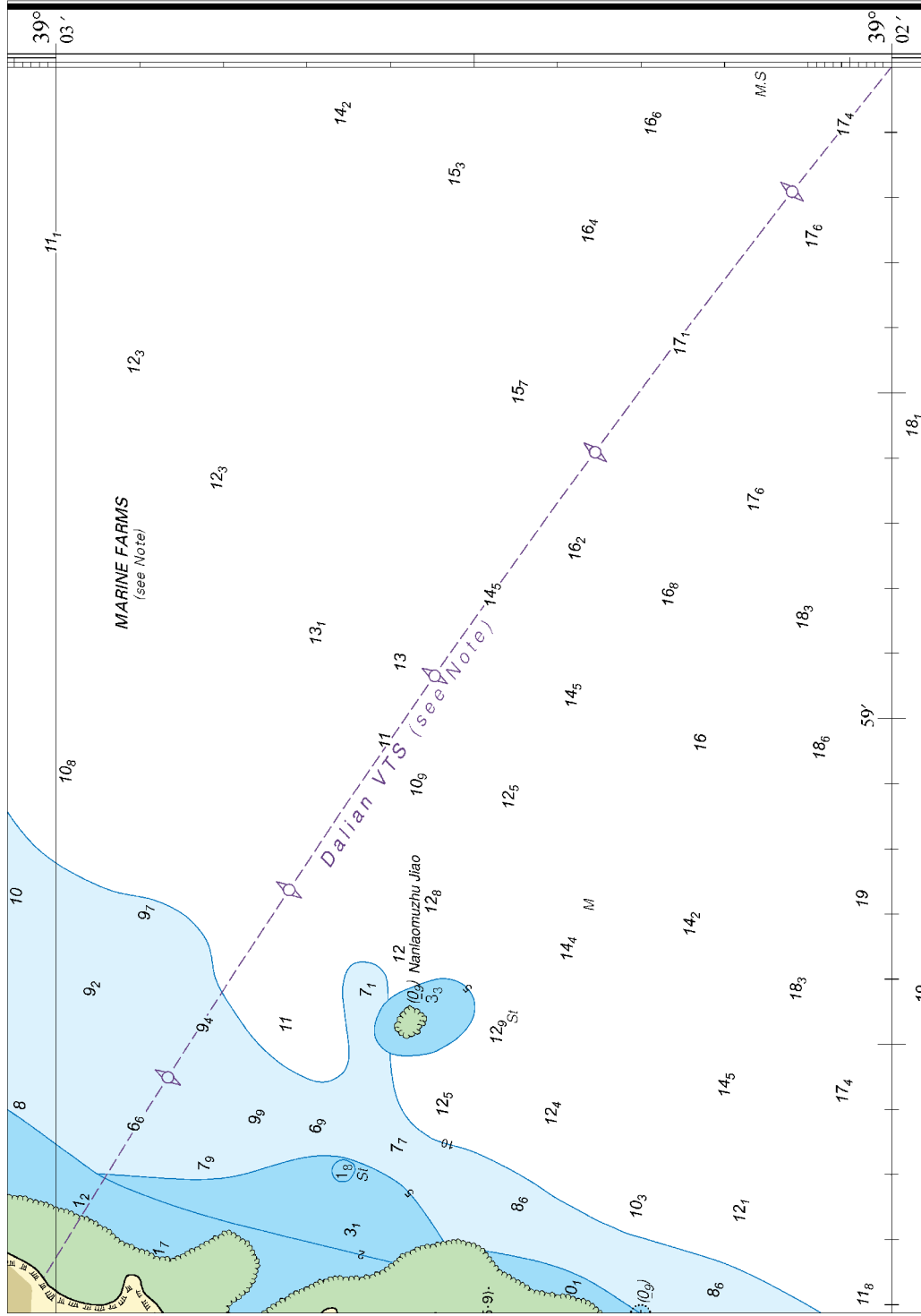
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To accompany Notice to Mariners 29/20. Image Size (mm) 131.8 by 158.6



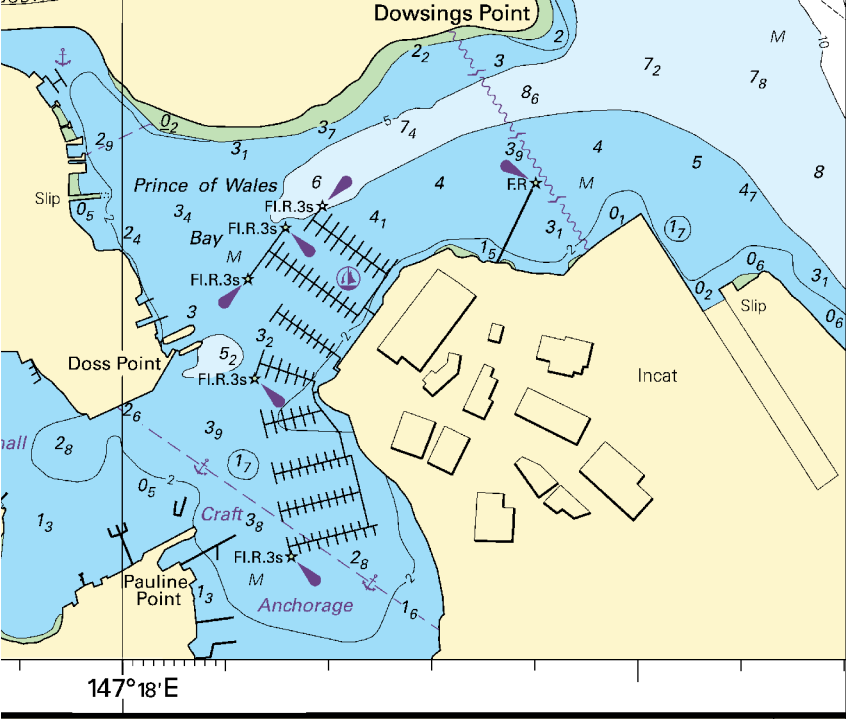
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To accompany Notice to Mariners 56/20. Image Size (mm) 193.7 by 135.6



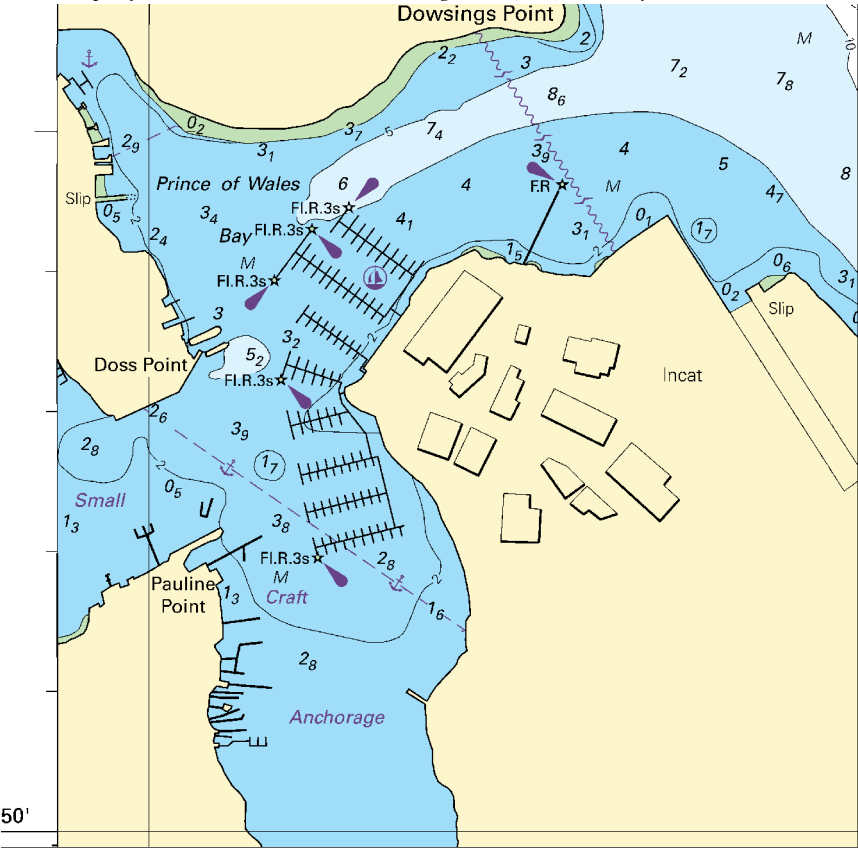
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To accompany Notice to Mariners 62/20. Image Size (mm) 95.2 by 111.7



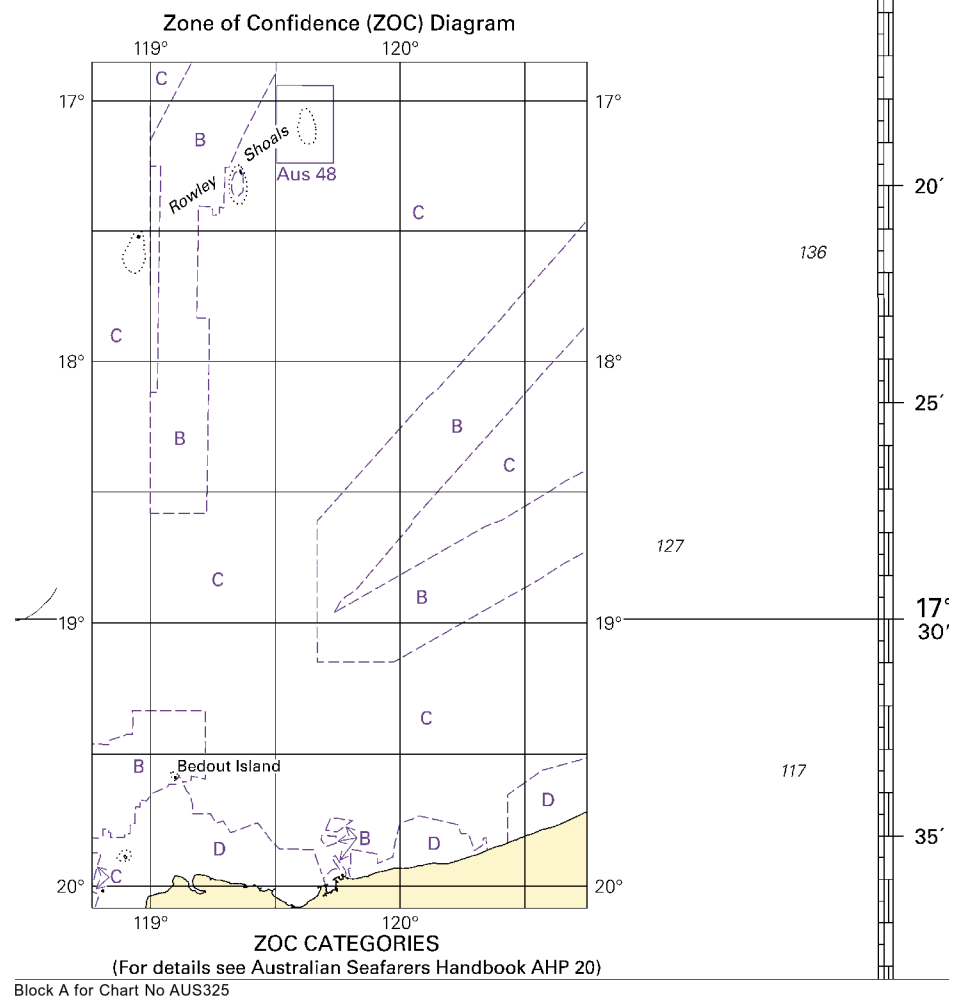
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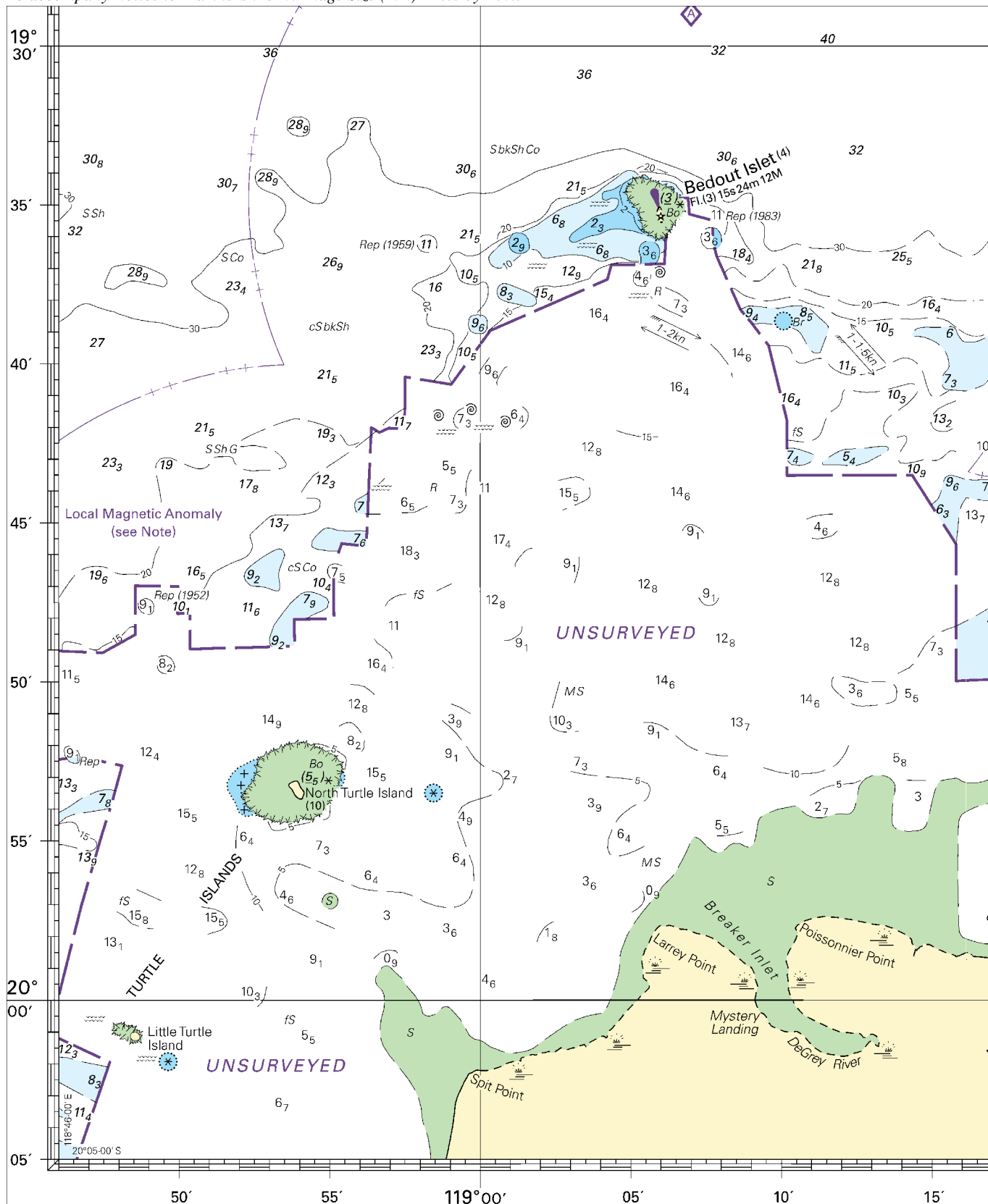
To accompany Notice to Mariners 62/20. Image Size (mm) 111.5 by 113.2



Block B for Chart No AUS172

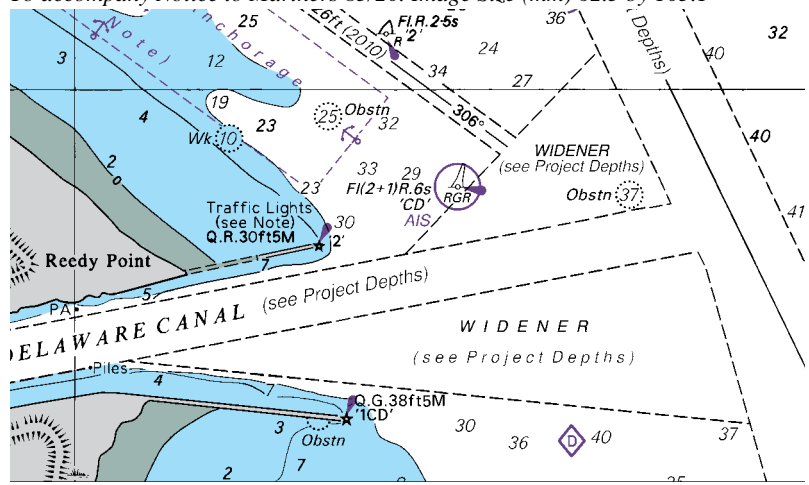
To accompany Notice to Mariners 74/20. Image Size (mm) 129.8 by 123.5





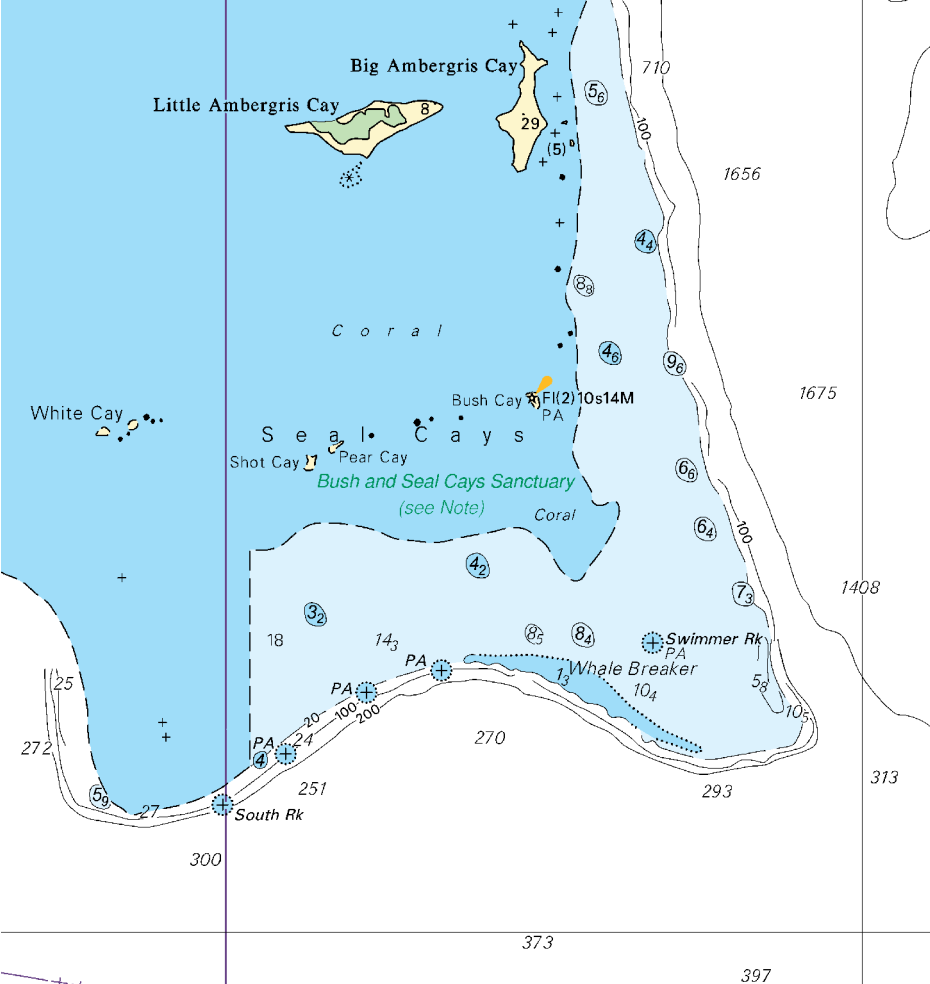
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To accompany Notice to Mariners 83/20. Image Size (mm) 62.5 by 105.1



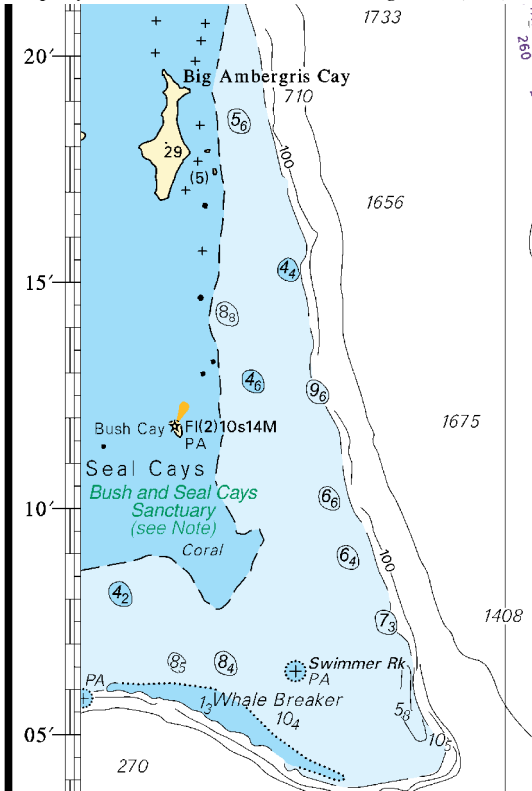
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To accompany Notice to Mariners 85/20. Image Size (mm) 130.7 by 123.1



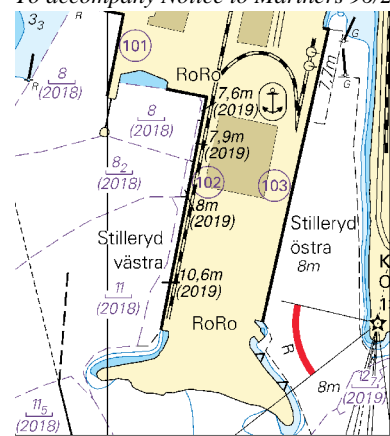
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To accompany Notice to Mariners 85/20. Image Size (mm) 104.3 by 77.2



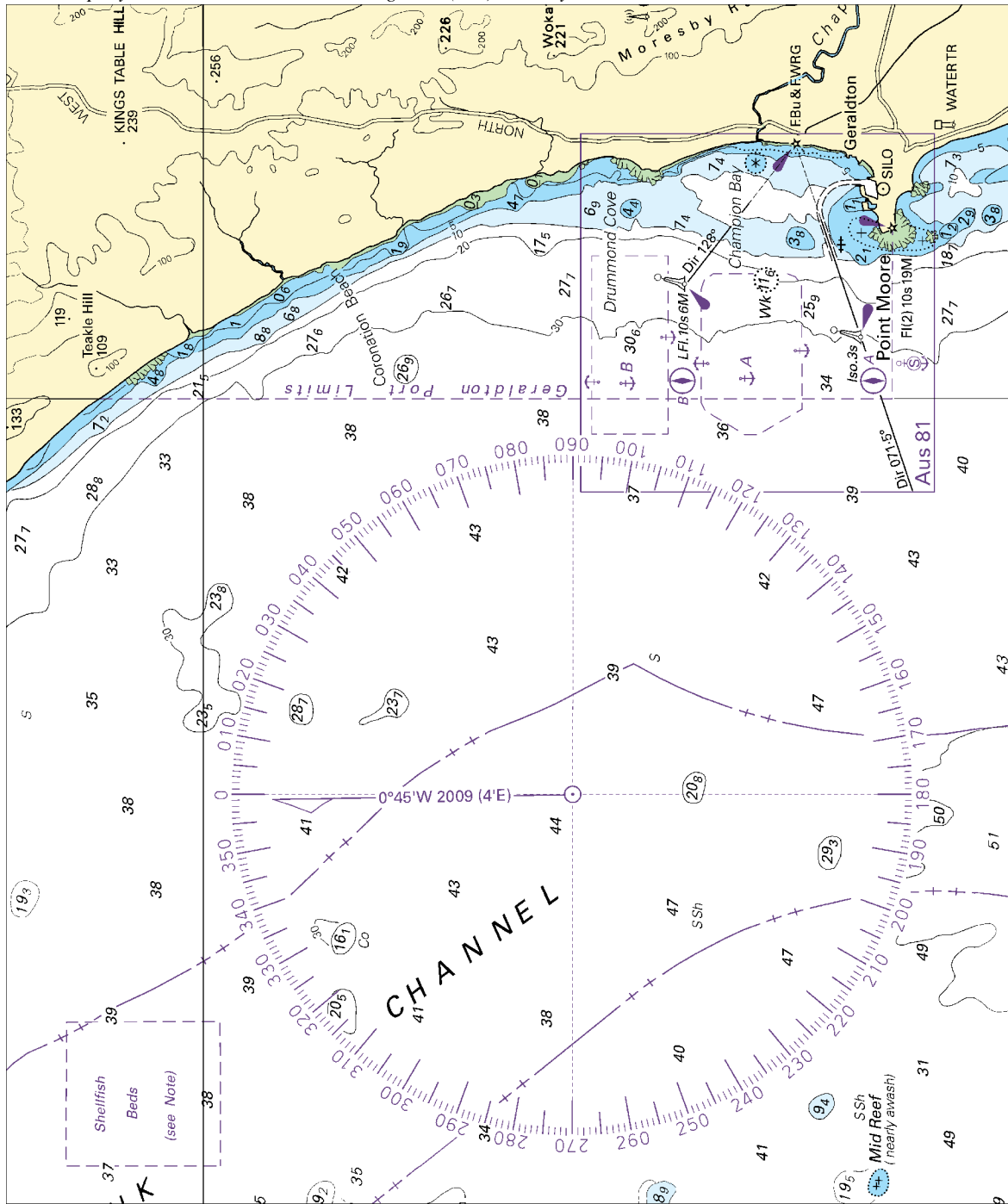
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To accompany Notice to Mariners 96/20. Image Size (mm) 56 by 49.5



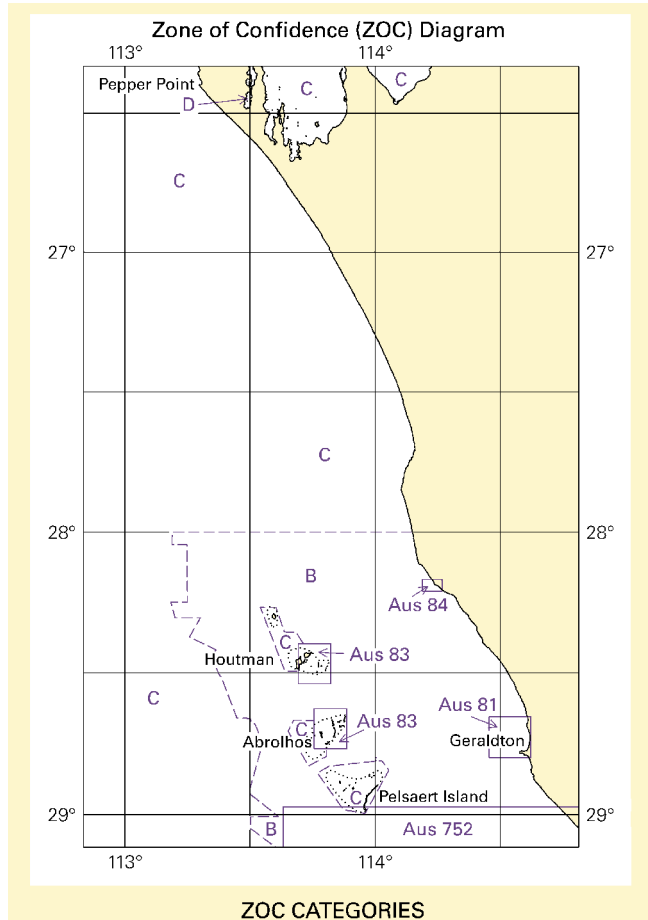
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To accompany Notice to Mariners 99/20. Image Size (mm) 184.1 by 154.4



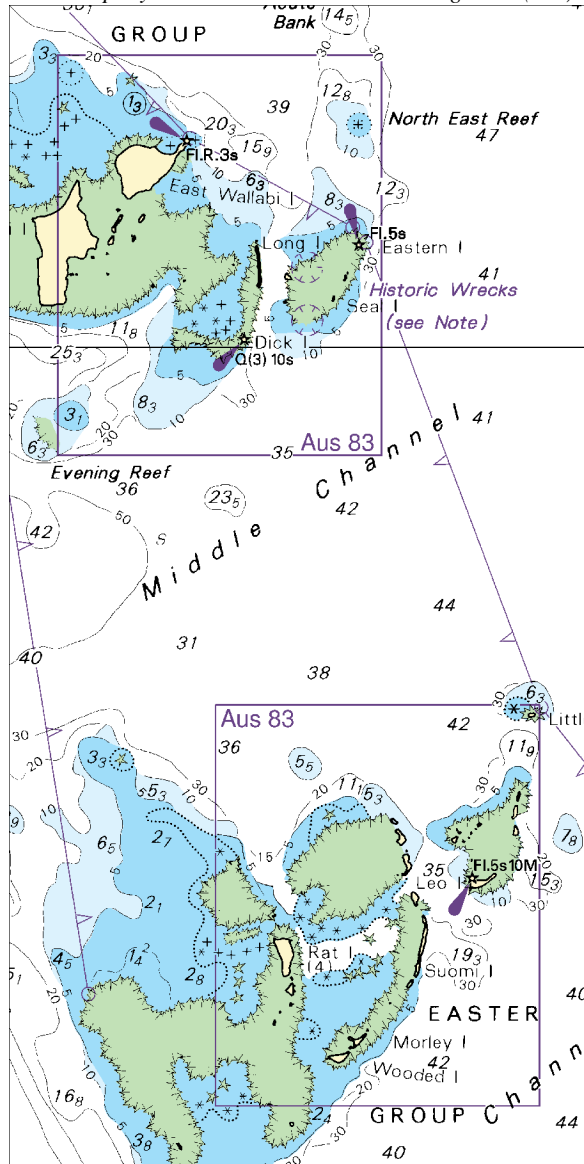
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To accompany Notice to Mariners 99/20. Image Size (mm) 121.8 by 85.4



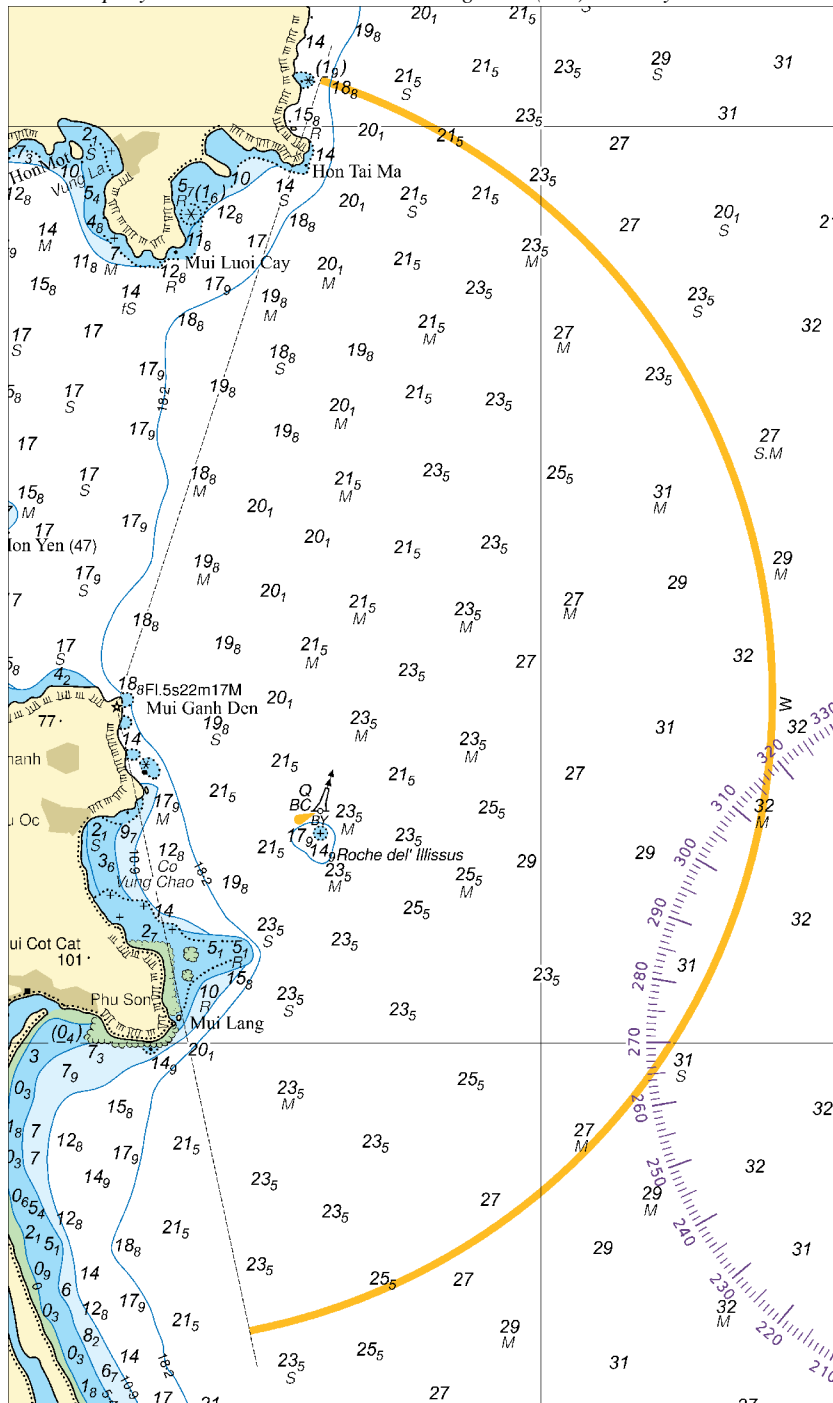
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To accompany Notice to Mariners 99/20. Image Size (mm) 153.3 by 76.5



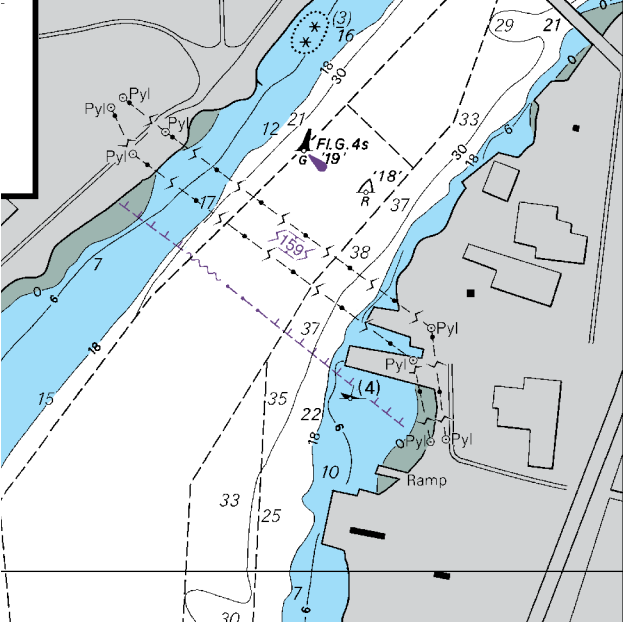
Block C for Chart No AUS332

To accompany Notice to Mariners 113/20. Image Size (mm) 184.8 by 109.4



Block for Chart No 3874

To accompany Notice to Mariners 114/20. Image Size (mm) 82.4 by 82.2



Block for Chart No 2732

III

NAVIGATIONAL WARNINGS

See *The Mariner's Handbook (2016 Edition)*. It is recommended that the warnings reprinted below should be kept in a file or book, followed by subsequent weekly reprints. Only the most convenient ADMIRALTY Chart is quoted. All warnings issued within the previous 42 days are broadcast via SafetyNET and/or NAVTEX.

The complete texts of all in-force NAVAREA I warnings, including those which are no longer being broadcast, are available from www.admiralty.co.uk/RNW. 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: nawarnings@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 1, published on the UKHO website 17 December 19.

Navarea I (NE Atlantic) *Weekly Edition 1*

The following NAVAREA I warnings were in force at 170500 UTC Dec 19.

2019 series: 127 175 197 198 199 200.

196 Cancelled. Cancel 194/19.

197 SCOTLAND, WEST COAST. Isle of Lewis. Chart GB 2720 (INT 1602).
Butt of Lewis Light, 58-30.9N 006-15.7W, temporarily changed to Flash 5 seconds 37 metres 12 miles.

198 1. Navarea I warnings in force at 131000 UTC Dec 19. 2. Cancel 192/19.

199 SOUTH-WESTERN APPROACHES TO THE BRITISH ISLES. Chart GB 2649 (INT 1063).
1. ODAS light-buoy KI, 48-43.5N 012-29.1W, reported adrift in 48-58.2N 010-43.2W at 160800 UTC Dec 19.
2. Cancel 196/19.

200 1. RIGLIST. Correct at 170500 UTC Dec 19.

Southern North Sea: 51N to 55N

52-13.3N 003-44.3E Maersk Resolute ACP P15-G

53-00.6N 002-11.2E Seafox 4 ACP Lemn Gas Field

53-14.0N 003-14.5E 590021

53-28.4N 004-29.5E Ensco 121 ACP L11-B-PA

53-33.0N 001-04.6E Energy Endeavour ACP Pickerill A

53-42.7N 003-30.7E Prospector 1 ACP K5-EN

53-49.0N 004-30.8E Prospector 5 ACP L5A-D

53-51.7N 001-13.3E Ensco 123

53-56.4N 002-44.8E Noble Hans Deul ACP Chiswick

54-03.0N 002-29.5E Ensco 100 ACP Ketch Gas Field

NEW 54-16.1N 002-19.4E Ensco 92 ACP 44/22A-M

54-24.4N 002-48.9E Maersk Resolve ACP D12-B

III

	North Sea: 55N to 60N, East of 5W		
	55-29.0N	005-06.7E	Noble Sam Turner ACP Dan Oil Field
	55-43.4N	004-48.0E	Maersk Guardian ACP Tyra Gas Field
	56-15.0N	003-20.9E	Maersk Invincible ACP Valhall Oil Field
	56-16.8N	003-24.0E	Maersk Reacher ACP Valhall Oil Field
	56-21.8N	004-08.7E	Rowan Viking
	56-38.9N	002-13.3E	Noble Sam Hartley
	56-43.5N	002-12.5E	EnSCO 120 ACP Jasmine Gas Field
	56-43.5N	001-15.8E	WilPhoenix
	56-49.1N	003-08.1E	Maersk Interceptor
	56-50.9N	001-35.7E	Ocean Endeavor
	56-58.0N	001-52.2E	Rowan Gorilla 5 ACP Franklin Gas Field
NEW	57-05.5N	000-57.6E	Ocean Valiant
	57-06.6N	002-50.8E	Maersk Integrator ACP Ula Oil Field
	57-11.7N	001-54.8E	Maersk Highlander ACP u/c Pierce Oil Field Westward
	57-48.6N	000-58.3W	Maersk Innovator ACP Buzzard Oil and Gas Field
	57-50.7N	000-54.7W	COSL Pioneer
	57-57.4N	001-50.7E	Rowan Gorilla 7 ACP Armada Gas Field
	58-19.5N	000-41.9E	Transocean 712
	58-45.8N	001-12.6E	Noble Houston Colbert
	58-46.9N	001-54.2E	West Phoenix
	58-50.7N	001-44.6E	Rowan Stavanger ACP Gudrun Oil and Gas Field
	59-02.2N	002-13.5E	Maersk Intrepid
	59-16.1N	002-17.0E	Leiv Eiriksson
	59-20.2N	002-21.8E	Deepsea Bergen
NEW	59-23.0N	001-35.1E	Ocean Patriot
	59-35.4N	001-03.4E	Noble Lloyd Noble ACP u/c Mariner Oil Field
	59-47.6N	002-10.9E	Deepsea Nordkapp

Norwegian Sea: 60N to 65N, East of 5W

	60-07.4N	004-09.3W	Transocean Leader
	60-24.7N	004-03.3W	Deepsea Aberdeen
	60-34.5N	003-26.5E	West Hercules
	60-44.4N	003-34.8E	Songa Equinox
	60-48.0N	003-27.0E	Transocean Endurance
	60-50.3N	003-30.9E	COSL Promoter
	61-09.7N	001-06.7E	Paragon MSS1
	61-23.8N	002-06.9E	Transocean Norge
	61-28.6N	002-12.2E	Transocean Spitsbergen
	64-51.9N	006-50.3E	Transocean Enabler

South and West Coasts of the British Isles.

	53-34.0N	003-27.3W	Irish Sea Pioneer ACP Hamilton 110/13
	53-52.6N	003-33.6W	Borr Ran ACP South Morecambe Gas Field.

NOTES:

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

- 2. Cancel 195/19.

Cumulative list of other NAVAREA I Warnings in-force at 170500 UTC Dec 19

2019 series:

- 127 NORTH SEA, UK SECTOR. Buchan Oil Field Eastwards. Chart GB 278.
Safety Zone, radius 500m, established at 57-55.37N 000-27.22E

- 175 SCOTLAND, EAST COAST. Moray Firth. Chart GB 115 (INT 1503)
Beatrice Offshore Windfarm, 58-16N 002-53W.
Perimeter buoyage, north, south, west and east cardinal light-buoys and four special light-buoys, permanently discontinued. Lights and AIS established on perimeter turbines.

UPDATES TO ADMIRALTY SAILING DIRECTIONS

NP5 South America Pilot Volume 1 (2017 Edition)

Uruguay - Canal de Lobos - East of Punta del Este — Anchorage

285

After Paragraph 9.25 *1* line 2 *Insert*:

Prohibited anchorage. Anchoring and fishing is prohibited in the vicinity of a submarine power cable extending SE from the shore at 34°56'·95S 54°55'·42W.

Uruguayan Chart UY20 (2017) [NP5-No 100-Wk 01/20]

Uruguay - José Ignacio Terminal — Restricted area

287

After Paragraph 9.44 *1* line 8 *Insert*:

- 2* **Restricted area.** A restricted area surrounds the Jose Ignacio Terminal SBM. Only vessels navigating to and from the terminal may enter the area.

Uruguayan Chart UY20 (2017) [NP5-No 101-Wk 01/20]

NP7 South America Pilot Volume 3 (2018 Edition)

Peru - Melchorita LNG Terminal — Port

289

After Paragraph 9.190 *Insert*:

Melchorita LNG Terminal

General information

9.190a

- 1* **Position and function.** Melchorita LNG Terminal (13°15'·55S 76°18'·77W) exports LNG from a production plant. Vessels of up to 170 000 m³ capacity can be accommodated.

Port Authority. Hunt LNG Operating Company.
Website. www.perulng.com

Limiting conditions

9.190b

- 1* **Controlling depth.** Depths in the approach channels exceed 14 m.

Navigable width. The approach channels are 300 m in width.

Arrival information

9.190c

- 1* **Pilotage.** Pilots board in an area centred on 13°15'·27S 76°20'·43W.

Harbour

9.190d

- 1* **General layout.** The T-shaped terminal consists of a long trestle bridge with an LNG loading dock at its seaward end which is sheltered by a 4½ cables long detached breakwater.

Directions

9.190e

- 1* **Entry Leading lights:**
Front light (beacon) (13°15'·41S 76°18'·63W).
Rear light (similar structure) (8 cables from front light).
From the pilot boarding station, the alignment (095·3°) of the above lights leads through a channel, marked by light buoys (lateral), passing N of the NW head of the detached breakwater from where a light is exhibited. Thence course is altered as required to the berth.

- 2* **Departure Leading Lights:**

Front light (beacon) (13°15'·41S 76°18'·63W).

Rear light (similar structure) (9½ cables from front light).

From a position E of the SE end of the breakwater, on which stands a light, the alignment (355·3°), astern, of the leading lights leads S through a channel marked by light buoys (lateral).

Berth

9.190f

- 1* The berth has alongside depths from 13 to 15 m. The flat side is 130 m in length (385 m including dolphins).

GB Chart 3086 Ed.1 (2019); IHS Seaweb;
www.perulng.com [NP7-No 58-Wk 01/20]

Peru - Melchorita LNG Terminal — Port

290

Paragraph 9.205 *1-2* including heading *Replace by*:

Spare

9.205

GB Chart 3086 Ed.1 (2019) [NP7-No 59-Wk 01/20]

NP18 Baltic Pilot Volume 1 (2018 Edition)

Germany - Warnemünde Approaches — Restricted area

403

Paragraph 13.118 *1* lines 1–10 including existing Section IV Notice Week 49/19 *Replace by*:

- 1* A restricted area (54°10'·70N 11°56'·80E), where fishing and anchoring are prohibited, lies near the coast W of Warnemünde, off Nienhagen (13.116). The area is marked at each corner by buoys (special), deployed annually from the 1st May to the 30th November. A light buoy (special) is moored in the SW part of the area.

IV

2 A second restricted area (54°13'·87N 12°00'·69E), where fishing and anchoring are prohibited lies within anchorage area No 1 (13.123).

A cable area with a radius of 2½ cables, within which anchoring is prohibited, lies in position 54°16'·85N 12°08'·58E.

3 An explosives dumping ground, within which anchoring, fishing and diving are prohibited, is situated in the vicinity of 54°19'·87N 12°16'·30E.

German Notice 47/64/19 [NP18-No 56-Wk 01/20]

NP20 Baltic Pilot Volume 3 (2019 Edition)

**Finland - Helsinki - Tiirakari Tirgrund —
Directions; leading lights**

167

Paragraph 4.186 4 line(s) 1-4 *Replace by:*

4 Rear beacon (black round concrete column, white stripe) (5½ cables ENE of front light) on Lokkiluoto (4.187).

The alignment (072·6°) of these lights, or at night the white sector (070·5°-073·5°) of Tiirakari Light, leads...

Finnish Notice 32/271.1/19 [NP20-No 48-Wk 01/20]

**Finland - Helsinki - Lokkiluoto —
Directions; leading lights**

168

Paragraph 4.187 6 line 1 *For* 140·4° *Read* 143·1°

ENC FI59S191 (10.029) [NP20-No 49-Wk 01/20]

**Russia - Gulf of Finland - Vysotsk —
LNG terminal**

215

After Paragraph 5.199 2 line 9 *Insert:*

**Vysotsk LNG Terminal
5.199a**

1 **Position and function.** The Vysotsk LNG Terminal (60°36'·24N 28°32'·98E) is located 8 cables N of Lukoil II Oil Terminal (5.199) and consists of a jetty extending NNE from a wharf.

Directions. From a position in the fairway, about 7 cables WSW of the front light of Vysotskiy Vkhodnoy Leading Lights (5.192), the track leads SSE, through a channel marked by light buoys (lateral), to the berth.

2 **Berth.** The LNG transshipment berth (60°36'·31N 28°32'·98E) is situated on the W face of the jetty, with dolphins extending NNE and SSW, the extremities of which are lit. It has an overall length, including dolphins, of about 235 m; maximum charted depth alongside about 9·5 m.

The LNG loading berth (60°36'·22N 28°32'·89E) has an overall length of about 165 m; maximum charted depth alongside about 8·5 m.

Russian Chart 28008 (2019) [NP20-No 50-Wk 01/20]

NP31 China Sea Pilot Volume 2 (2019 Edition)

**Malaysia - Sarawak - Sungai Sarawak —
Anchorage; light buoy**

97

Paragraph 4.51 5 lines 1-5 *Replace by:*

5 **Dangerous cargo anchorage** (1°34'·79N 110°26'·04E) is centred 4 cables W of Tanjung Sedap.

Caution. A lit, stranded wreck, further marked by a light beacon (special), reported ruined (2019), lies in the SW corner of the anchorage.

Malaysian Notice 8/200/19 [NP31-No 1-Wk 01/20]

**Brunei - Tanjung Baram to Tanjung Batu —
Directions; major light**

121

Paragraph 5.20 6 line(s) 5-6 *Replace by:*

Tanjung Kubong Light (5°24'·72N 115°14'·83E) (5.39).

ENC MY3C0864 6.013/19 [NP31-No 5-Wk 01/20]

Brunei - Sungai Belait — Anchorage

122

Paragraph 5.24 1 line 3 *Replace by:*

...Belait. Mooring buoys...

UKHO [NP31-No 2-Wk 01/20]

Brunei - Seria Oil Terminal — Anchorage

122

Paragraph 5.29 2 lines 3-4 *Replace by:*

...tankers using the SBMs. Tankers should not anchor outside this...

UKHO [NP31-No 3-Wk 01/20]

Brunei - Lumut Terminal — Anchorage

123

Paragraph 5.33 1 lines 7 *Replace by:*

...the LNG terminal.

UKHO [NP31-No 4-Wk 01/20]

**Brunei - Tanjung Batu to Tanjung Toulak —
Directions; major light****124**Paragraph 5.39 1 line(s) 10–11 *Replace by:*Tanjung Kubong Light (white beacon, red stripes)
(5°24'·72N 115°14'·83E).Paragraph 5.41 2 line(s) 5–6 *Replace by:*

...Labuan, from which a light (white metal framework tower, red bands, 24 m in height) is exhibited. Tanjung Kubong Light (5.39) is situated about 1¼ miles N of the head. Foul ground with rocks, awash, on which the...

ENC MY3C0864 6.013/19 [NP31-No 6-Wk 01/20]

**Brunei - Approaches to Brunei Bay —
Directions; major light****125**Paragraph 5.49 1 line(s) 8 *For* 5°23'·51N 115°15'·03E
Read 5°24'·72N 115°14'·83E

ENC MY3C0864 6.013/19 [NP31-No 7-Wk 01/20]

**Brunei - Approaches to Brunei Bay —
Directions; major light****125**Paragraph 5.52 2 line(s) 9–10 *Replace by:*

...(5.41) is exhibited; Tanjung Kubong Light (5.39) is situated about 1¼ miles N and a drying rock (5°24'·63N 115°15'·64E) lies 1¼ miles NNE. And:

ENC MY3C0864 6.013/19 [NP31-No 8-Wk 01/20]

**Malaysia - Sabah - Pulau Labuan —
Directions; wreck****128**Paragraph 5.71 2 lines 4–6 *Replace by:*

SE of a dangerous wreck (5°13'·67N 115°12'·23E), position approximate, reported (2019), thence:

Malaysian Notice 09/222/19 [NP31-No 9-Wk 01/20]

**Brunei - Brunei Bay - Muara —
Vertical clearance****129**Paragraph 5.83 1 line(s) 1–3 *Replace by:*

- 1 A bridge (5°00'·31N 115°04'·35E) links Pulau Muara Besar (5.80) to the mainland S of Muara (5.79). The vertical clearance is reported (2019) to be 28 m.

UKHO [NP31-No 10-Wk 01/20]

Brunei - Brunei Bay - Muara — Directions**131**Paragraph 5.96 1–4 including heading *Replace by:***Spare
5.96**Paragraph 5.97 1–4 including paragraph number *Replace by:***Spare
5.97**GB 2134 Ed.4 (2019) & GB 1844 Ed.4 (2019)
[NP31-No 11-Wk 01/20]**Brunei - Brunei Bay - Muara — Directions****131–132**Paragraph 5.98 1–3 *Replace by:*

- 1 From the vicinity of 5°07'·50N 115°07'·23E, SSE of Barat Banks (5°10'·00N 115°06'·20E), the track leads SE, passing:
NE of Muara SPM (5°05'·15N 115°08'·05E) (5.94).
Thence to the vicinity of 5°04'·70N 115°10'·54E at the entrance to Eastern Channel.
- 2 **Eastern Channel Inbound Leading Lights:**
Front light: X9 Light Beacon (5°02'·70N 115°10'·82E).
Rear light: X10 Light Beacon (3¾ cables from front light).
The alignment (172°) of these lights leads through Eastern Channel, marked by beacons (lateral), passing:
W of a 4·8 m shoal (5°03'·23N 115°11'·33E) marked by a light beacon (E cardinal).
- 3 **Eastern Channel Outbound Leading Lights:**
Front light: X11 Light Beacon (5°03'·27N 115°10'·89E).
Rear light: X12 Light Beacon (2¼ cables from front light).
The alignment (031·8°), astern, of these lights continues through Eastern Channel to a position between X8 and X9 Light Beacons (lateral) (5°00'·29N 115°09'·03E).
- 4 Thence the track leads SW to a position N of Y10 Light Beacon (port hand) (4°59'·13N 115°08'·00E).
Useful marks:
Sunda Spit Light (white triangle, point up, on a white framework tower) (4°58'·55N 115°10'·72E).
(Directions continue for Batang Limbang and approaches, including Tanjung Lumba-Lumba anchorage, at 5.124)

GB 2134 Ed.4 (2019) & GB 1844 Ed.4 (2019)
[NP31-No 12-Wk 01/20]

Brunei - Brunei Bay - Muara — Directions; light

132

After Paragraph 5.98 *Insert*:**Muara Bar****5.98a**

- 1 From a position N of Y10 Light Beacon (port hand) (4°59'·13N 115°08'·00E) the track leads W, passing:
N of No 26 Light Beacon (yellow square, black top, on platform on concrete pile structure) (4°59'·26N 115°05'·78E), which marks the N corner of Rambler Banks an extensive area of shoals which dry in places and extend 7 miles NE from Tanjung Kindana (4°55'·14N 115°01'·14E).
- 2 Thence, when a position is reached 2 cables SE of No 20 Light Beacon (E cardinal) (4°59'·57N 115°05'·47E), the track leads generally NW across Muara Bar, soft mud, lying close SW of Tanjung Bowong (4°59'·64N 115°05'·35E), passing:
SW of No 18 Light Beacon (port hand) (4°59'·89N 115°05'·14E), thence:
Under the Pulau Muara Besar Bridge (5.83).
Thence a course may be shaped for the allocated berth or anchorage.
- 3 **Useful marks:**
Bukit Tempayang Pisang (146 m high) (5°00'·60N 115°02'·95E), with a small beacon on its summit, which is prominent when seen from Outer Bar.
(*Directions for Brunei Channel and Simpson Channel are given at 5.110*)

GB 2134 Ed.4 (2019) [NP31-No 13-Wk 01/20]

Brunei - Brunei Bay - Sungai Brunei — Route

132

Paragraph 5.102 1 line 4 *For* Outer Bar (5.96) *Read* Eastern Channel (5.98)GB 2134 Ed.4 (2019) & GB 1844 Ed.4 (2019)
[NP31-No 14-Wk 01/20]Brunei - Brunei Bay - Muara —
Directions; light; leading line

133

Paragraph 5.111 1 lines 1-11 *Replace by*:

- 1 **Outer leading lights:**
Front light (white triangle, point up, on beacon) (4°59'·66N 115°05'·90E).
Rear light (white triangle, point down, on beacon) (1½ cables from front light).
From a position 2 cables SE of No 20 Light Beacon (E cardinal) (4°59'·57N 115°05'·47E), the alignment (052·5°), astern, of these lights leads through the NE part of Brunei Channel for 2¼ miles, and onto the alignment of:

GB 2134 Ed.4 (2019) [NP31-No 15-Wk 01/20]

NP32B China Sea Pilot Volume 4 (2019 Edition)

China - Liaodong Wan - Jinzhou —
Directions; wreck

154-155

Paragraph 4.308 3-4 *Replace by*:

- 3 **Tankers of 50 000 dwt** or less should follow the temporary tanker channel (4.304) from the vicinity of No 3 Anchorage (40°14'·96N 121°22'·04E) (4.302), passing:
SW of the oilfields (40°30'·00N 121°21'·00E), and:
Clear of a well (40°25'·71N 121°18'·03E), least depth unknown, thence:
SW of a dangerous wreck (40°32'·26N 121°12'·93E), reported (2019).
Thence the track leads to a position E of Tangwangcheng Jiao (40°32'·60N 120°53'·97E) (4.243).
- Leading lights:**
Front light (white diamond, red stripes, on white metal framework tower, 33 m in height) (40°44'·29N 121°03'·06E).
- 4 Rear light (similar construction, 55 m in height) (9¼ cables from front light).
From the position E of Tangwangcheng Jiao (40°32'·60N 120°53'·97E), the alignment (352°) of these lights leads to a position between Jinzhougang Nos 1 and 2 Light Buoys (lateral) (40°43'·54N 121°03'·20E).
Other vessels. From the vicinity of No 3 Anchorage (40°14'·96N 121°22'·04E) the track continues N, passing:
E of a well (40°24'·04N 121°24'·05E), depth 12 m, marked by a light buoy (special), thence:

Chinese Notice 46/1489/19 [NP32B-No 84-Wk 01/20]

NP49 Mediterranean Pilot Volume 5
(2018 Edition)

Turkey - İskenderun Körfezi — Prohibited area

183

After Paragraph 5.253 1 line 4 *Insert*:**Traffic regulations**
5.253a

- 1 **Prohibited area.** Entry is prohibited into an area (36°53'·40N 35°57'·80E) situated about 1¼ miles NE of Botaş (Ceyhan) Oil Terminal (5.259).

Turkish Notice 47/223/19 [NP49-No 39-Wk 01/20]

UPDATES TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

NP74, Vol A Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.
Last Updates: Weekly Edition No. 52, dated 26 December 2019.

A0247-4	- Fairway. Brixham Marina. Wave Screen. SW End	50 23-96 N 3 30-60 W	2 F R(vert)	4	2 Mast 4	2m apart
			*			
A0247-6	- Fairway. Brixham Marina. Wave Screen. NE End	50 24-08 N 3 30-44 W	2 F G(vert)	4	2 Mast 4	2m apart
			*			
A3968	NORTH MINCH. ISLE OF LEWIS - Butt of Lewis (GB:N)	58 30-92 N 6 15-72 W	Fl W 5s	52	25 Red brick tower 37	<i>fl 0-2.</i> W056°-320°(264°). TE 2019 MMSI No 992351299 <i>fl 0-2.</i> (T) 2019
	--	..	AIS	..	.. ..
	--	..	Fl W 5s	52	12 ..	
*	*	*	*	*	*	*
A4115	WEST COAST. SOUND OF MULL. TOBERMORY BAY - Tobermory Harbour. Ferry Slipway	56 37-41 N 6 03-77 W	Iso WRG 3s	5	W 4 Metal column R 4 G 4	G220°-232°(12°), W232°-244°(12°), R244°-256°(12°). Sectors accuracy of +/-2° *
A4123-5	- Fishnish Bay. Fishnish Ferry Slipway (GB:N)	56 30-89 N 5 48-61 W	Iso WRG 3s	5	W 4 Metal column R 4 G 4	G158°-170°(12°), W170°-195°(25°), R195°-230°(35°). Sectors accuracy of +/-4° *
A4292	WEST COAST. FIRTH OF CLYDE. KILBRANNAN SOUND. PENINSULA OF KINTYRE - Claonaig. Ferry Terminal	55 45-04 N 5 23-28 W	Iso WRG 3s	5	W 2 Metal column R 2 G 2	R020°-040°(20°), W350°-020°(30°), G305°-350°(45°). Shown April to October. Sectors accuracy of +/-2° *
A4352-6	- Tattie Pier. RoRo Slipway	55 47-20 N 4 53-89 W	Iso WRG 3s	5	W 4 Metal column R 4 G 4	G222°-234°(12°), W234°-246°(12°), R246°-258°(12°). Sectors accuracy of +/-2° *
A4807-12	- A11	54 04-47 N 3 31-99 W	Fl Y 5s	..	5 Wind turbine	Sync with A4807, A4807-1, A4807-11, A4807-125, A4807-13, A4807-14, A4807-15, A4808-09, A4808-1 and A4808-11 Obstruction TD 2019
	--	..	Aero F R	..	.. On hub	
	--	..	Horn 30s	..	.. ..	*
A4808-02	- A06	53 58-51 N 3 31-40 W	Fl Y 5s	..	5 Wind turbine	TE 2019
	--	..	Aero F R	..	.. On hub	Obstruction *
A4808-03	- A09	53 57-65 N 3 30-36 W	Fl Y 2.5s	..	2 Wind turbine	TE 2019
	--	..	Aero F R	..	.. On hub	Obstruction *
A4808-04	- A12	53 56-77 N 3 29-28 W	Fl Y 5s	..	5 Wind turbine	TE 2019
	--	..	Aero F R	..	.. On hub	Obstruction *
	--	..	Horn 30s	..	.. ..	*

V

NP74, Vol A Edition 2019/20 continued.

A4808-05	- E14	53 56-71 N 3 25-82 W	Fl Y 5s	..	5	Wind turbine	TE 2019
	--	..	Aero F R	..	..	On hub	Obstruction *
A4943-15	- BB38	53 30-12 N 3 12-18 W	Fl Y 5s	13	5	Wind turbine	
	--	..	Aero F R	..	..	..	Obstruction
	--	..	Horn 30s	..	..	..	TD 2019 *

NP76, Vol C Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.

Last Updates: Weekly Edition No. 52, dated 26 December 2019.

C3714	- Vilsandi Saar	58 22-97 N 21 48-76 E	FFI(3)WR 15s	40	W12	White round stone tower with balcony	(fl 1, ec 2) x 2, fl 2, ec 7. R164-5°-212°(47-5°), W212°-164-5°(312-5°)
EE, , 925					37		*

NP77, Vol D Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.

Last Updates: Weekly Edition No. 52, dated 26 December 2019.

D1562-6	- Training Wall. Head	43 26-35 N 4 02-18 W	Fl(4)R 11s	9	5	Red post	(fl 0-5, ec 1-5) x 3, fl 0-5, ec 4-5.
ES, I, 0496-2					9		TE 2019 *
D1793	- Punta Focha	42 41-98 N 9 01-59 W	Fl W 5s	28	4	White tower and round building	fl 0-5.
ES, I, 04095					5		TE 2019 *
D1891-5	- Canal de la Porta	42 08-95 N 8 51-19 W	Fl Y 5s	6	1	Yellow x on yellow round pile	fl 1.
ES, I, 05255				*			TE 2019 *
D1891-7	NORTH-WEST COAST. RIA DE VIGO - Canal de la Porta. Laxe Meixueiro	42 08-88 N 8 51-10 W	Fl Y 2s	6	1	Yellow x on yellow round pile	fl 0-5.
ES, I, 05254				*			TE 2019 *
D2349-9101	- Lock. Traffic signal. Downstream	37 19-13 N 6 00-41 W	FR	..	1	Grey post	Lock closed
ES, , 09991-19	-----	..	FG	..	..	..	Lock open
*	*	*	*	*	*	*	*
D2349-929	- Lock. Traffic signal. Upstream	37 19-09 N 6 00-46 W	2 FR (hor)	..	1	Grey post	Lock closed
ES, , 09991-11	-----	..	2 FG (hor)	..	..	..	Lock open
*	*	*	*	*	*	*	*
D2349-9325	- Lock. Traffic signal. Upstream	37 19-16 N 6 00-25 W	FR	..	1	Grey post	Lock closed
ES, , 09991-13	-----	..	FG	..	..	..	Lock open
*	*	*	*	*	*	*	*

V

NP77, Vol D Edition 2019/20 continued.

D2349-933 ES, I, 09991-14	- Lock. Beacon II	37 19-18 N 6 00-20 W	Q G 1s	6	3 On wall 1	Synchronised with D2349-934. TE 2019	*
D2349-9335 ES, , 09991-18	- Lock. Traffic signal. Downstream	37 19-21 N 6 00-21 W	2 F R (hor)	..	1 Grey post	Lock closed	
*	-----*	..*	2 F G (hor)	..	.. ..	Lock open	*
			*	*	*		
D2355-2 ES, I, 10140	- Rota	36 36-96 N 6 21-43 W	Oc W 4s	32	13 White tower, red band 28	Range 10M (T) 2019	
	--	..	AIS	..	.. ..	MMSI No 992242144	*
D2829-3 ES, I, 12875	- Puerto de San Miguel de Tajao. Central Térmica de Granadilla. Breakwater. Head	28 05-08 N 16 29-37 W	Q(3)W 10s	8	3 $\frac{\Delta}{\nabla}$ on black post, yellow band 4	(fl 0-5, ec 0-5) x 2, fl 0-5, ec 7-5	*
D7354-92	Al Hamiryah. Fishing Harbour. E Breakwater. Head	25 17-96 N 55 19-83 E	Fl R 3s	3	1 ..	TE 2019	*

NP78, Vol E Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.
Last Updates: Weekly Edition No. 52, dated 26 December 2019.

E0101-5 ES, II, 22441	- Dársena Comercial. Dársena Deportiva. Harbour Breakwater. Corner	36 49-82 N 2 27-70 W	Fl Y 5s	5	1 Yellow 3-sided column 3	fl 0-5. TE 2019	*
E0307-17 ES, II, 33260	- Serranova. Marina. Outer Breakwater. Head	39 44-41 N 3 13-21 E	Fl(3)R 10s	6	5 Red column on white base 2	(fl 0-5, ec 1-5) x 2, fl 0-5, ec 5-5	*
E0375 ES, II, 27960	- Muelle de Hierro	40 36-10 N 0 41-36 E	Q W 1s	8	3 $\frac{\Delta}{\nabla}$ on yellow post, black top 4	W082°-229°(147°). TE 2019	*
E0396-62 ES, II, 29560	Puerto de Garraf. E Breakwater. Head	41 14-92 N 1 53-94 E	Fl(3)G 9s	7	5 Green truncated tower 3	(fl 0-5, ec 1-5) x 2, fl 0-5, ec 4-5	*
E6643	Port de Gouraya Remove from list; deleted						

V

NP79, Vol F Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.
Last Updates: Weekly Edition No. 52, dated 26 December 2019.

F2747-64 PH., 0734 *	- Bugwasan Bay. Rizal Point	15 02-71 N 121 58-38 E	Fl W 10s *			
F2747-67 PH., 0690	- Bongliw	15 03-52 N 121 56-60 E	Fl(3)W 5s *	6	10	Concrete structure 6
F2822-3 PH., 733 *	- Batan Island. E Side. Mahatao (Diura) (PH:CG) *	20 24-13 N 121 57-55 E	Fl W 5s	..	18	White concrete tower, red top * *
F3156	Baie De Xuan Day. Ganh Den	13 21-83 N 109 17-64 E *	Fl W 5s	22	17	White round tower, red bands 10 * *
F3162-05	- Fairway Ldg Lts 349-7°. Front. A	13 46-07 N 109 14-69 E	Fl(3)W 10s	..	10	White ◇, red band on white framework tower, red bands 10 * *
F3162-051	- Fairway Ldg Lts 349-7°. Rear. B	13 46-29 N 109 14-64 E	Fl(3)W 10s	..	10	White ◇, red band on white framework tower, red bands 17 * *

NP80, Vol G Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.
Last Updates: Weekly Edition No. 52, dated 26 December 2019.

G2140 PE, 5020, 11015	PUERTO TALARA - Punta Talara	4 34-46 S 81 17-08 W	Fl(2)W 15s	60	19	Black tower, white bands 8 * MMSI No 997601008 *
--	--	..	AIS	..	..	..
G3037-9	- Subida Alta	2 49-05 S 80 14-76 W	Dir Iso WRG 4s	13	23	White metal truncated structure 12 * MMSI No 997350032 *
--	--	..	By day	..	5	
--	--	..	AIS	..	..	..

V

NP82, Vol J Edition 2019/20. NEW EDITION Weekly Edition No. 1, Dated 02 January 2020.

NOTE: These are the first updates issued for the New Edition.

Cut out the above and paste it in the NEW EDITION First Updates box immediately below the RECORD OF UPDATES title on page ii of NP82, Vol J Edition 2019/20 New Edition.

J0242-2 US, I, 8525	- Sprague Fuel Terminal. Center	43 06-99 N 70 48-63 W	F G	3	. . Dolphin	Private
	*	*				
VINEYARD SOUND. MARTHA'S VINEYARD ISLAND						
J0471 US, I, 15960	- Menemsha Creek. Entrance Jetty. Head. No 2	41 21-25 N 70 46-14 W	Fl R 4s	4	4 Red Δ on post	
	*	*	*	*	*	*
J0574 US, I, 18915	- Mount Hope Bay. Brayton Point Channel. Ldg Lts 324-6°. Front	41 42-72 N 71 11-41 W	F R	4	. . Red □, white stripe, on metal tower	Private
	*	*	*	*	*	*
J0574-1 US, I, 18917	- Mount Hope Bay. Brayton Point Channel. Ldg Lts 324-6°. Rear. 120m from front	41 42-77 N 71 11-46 W	F R	5	. . Red □, white stripe, on metal tower	Private
	*	*	*	*	*	*
J1328-3 US, II, 3765	- Mud Island. Lower Ldg Lts 232-5°. Front	40 02-07 N 74 59-86 W	Q W	6	. . Multi-pile structure	Intens 1-5° each side of rangeline. Shown 24 hours
	*	*	*	*	*	*
J1328-31 US, II, 3770 US, II, 3773	- Mud Island. Lower Ldg Lts 232-5°. Rear. 286m from front	40 01-98 N 75 00-02 W	Oc W 4s	15	. . Framework tower on multi-pile structure	Vis 1-5° each side of rangeline. Shown 24 hours
	*	*	*	*	*	*
	----- Passing lights	. .	2 Fl W 4s	5	4	
	*	*	*	*	*	*
CAPE FEAR RIVER AND APPROACHES TO WILMINGTON						
J2569	Remove from list; deleted					
J2853-31 US, III, 6910 US, III, 37745 US, III, 6911 US, III, 37746	- D Ldg Lts 350-5°. Rear. 1M from front	30 47-74 N 81 29-47 W	Iso R 6s	15	. . Red □, white stripe, yellow band, on framework tower on piles	
	----- Passing light	. .	2 Q W	3	5 . .	Synchronized. Located on NE and SE corners of platform
	*	*	*	*	*	*
J3166 US, III, 22600	- Cut C Channel. Inbound Range. Ldg Lts 061°. Front	27 41-92 N 82 32-83 W	Q W	6	. . Piles	Vis 1-5° each side of rangeline
	-----	. .	By day Q W	5	. . . .	Vis 1-5° each side of rangeline
	----- Passing light	. .	Q W	6	5 . .	Shown 24 hours
	*	*	*	*	*	*
MISSISSIPPI SOUND. PASCAGOULA						
J3570	Remove from list; replaced by light buoy					
HEAD OF PASSES TO NEW ORLEANS						
J3866	Remove from list; deleted					
J3979-5 US, IV, 18846	- No 55	28 27-32 N 91 17-34 W	Fl G 6s	5	3 Green □ on pile	
		*				

V

NP82, Vol J Edition 2019/20 *continued.*

J4214-41 US, IV, 28710 US, IV, 28715 *	- B East Ldg Lts 089-8°. Rear. 2-52M from front ---- ---- Passing light	27 48-66 N 97 10-87 W	Iso W 6s Iso W 6s Fl W 4s *	39 38 11	.. 3	Framework tower on piles	Vis 2° each side of rangeline
J4217-6955	CORPUS CHRISTI CHANNEL. LA QUINTA CHANNEL Remove from list; deleted						
J4286-16 *	- Entrance. Ldg Lts 231°. Rear * *	19 13-00 N 96 09-91 W *	Fl W 3s *	.. *	20 *		*
J4286-17 *	- Outbound. Ldg Lts 168°. Rear * *	19 13-01 N 96 09-85 W *	Fl W 3s *	.. *	20 *		*
J4286-18 *	- Entrance. Ldg Lts 231°. Front - Outbound. Ldg Lts 168°. Front * *	19 13-04 N 96 09-86 W .. *	Fl W 2s Fl W 2s *	.. .. *	20 20 *		*
J4838 CU, P2101, 33	BAHÍA HONDA - Cerro del Morrillo	22 58-85 N 83 09-16 W	Fl(2)W 10s	27	8	Aluminium framework tower 8	*
J4902 CU, P2101, 285	PUERTO CAIBARIÉN - Cayo Francés. W End	22 38-49 N 79 13-80 W	Fl W 10s	10	9	White concrete tower 9	<i>fl 1.</i> Range 3M (T) 2019 *
J4918 CU, P2101, 327	Cayo Paredón Grande - Reserve light	22 29-00 N 78 10-00 W ..	Fl(3)W 15s ..	48 ..	27 7	Black and yellow chequered truncated pyramidal tower 41	Aeromarine. Range 7M (T) 2019 *
J4938-9 CU, P2101, 349	- Los Cayuelos. Entry Ldg Lts 179°30'. Rear. 250m from front	21 32-72 N 77 08-05 W	Iso W 3s	7	8	White ◊, black border, on square column on piles 7	Front J4939. Unreliable (T) 2019 *
J4939-1 CU, P2101, 351	BAHÍA DE NUEVITAS - Los Cayuelos. Departure Ldg Lts 057°48'. Rear. 225m from front. Punta Sabinal	21 32-94 N 77 07-94 W	Iso W 3s	10	8	White ◊, black border, on square column 9	Unreliable (T) 2019 *
J5072 CU, P2101, 738	- Canal Cuatro Reales. Cayo Carapacho. W End	20 26-90 N 78 02-42 W	Fl W 10s	14	10	Aluminium framework tower 9	<i>fl 1</i> *
J5072-8 CU, P2101, 744	- Canal Cuatro Reales. Cayo Mosquito Grande. E. No 9	20 29-19 N 77 58-81 W	Fl G 5s	4	3	Green ◻ on green GRP tower on pile	<i>fl 0-5</i> *

V

NP82, Vol J Edition 2019/20 continued.

J5132 CU, P2101, 1025	GOLFO DE BATABANO - Cayo del Rosario. No 4	21 35-95 N 81 56-10 W	Fl R 4s	4	3	Red Δ on red GRP tower on pile	TE 2019	*
J5132-5 CU, P2101, 928-5	- Cayo del Rosario. No 5	21 38-15 N 81 57-60 W	Fl G 3s	4	3	Green \square on green GRP tower on pile	TE 2019	*
J5136 CU, P2101, 1029	- Cayo Ávalos. S End	21 32-39 N 82 09-95 W	Fl W 8s	9	7	White framework tower 8	<i>fl 1.</i> TE 2019	*
J5144-5 CU, P2101, 1041	- No 5	21 41-10 N 83 09-70 W	Fl G 3s	4	3	Green \square on green GRP tower on pile	TE 2019	*
J5673-15	Remove from list; deleted							
J5695-5	- Dir Lt 105°	17 08-58 N 61 50-40 W	Dir F WRG	26	23	..	FR102-5°-104°(1.5°). F W104°-106°(2°). F G106°-107-5°(1.5°)	*
J5714 FR, LD, 07225	- Sainte Rose. Breakwater. Head (FR)	16 20-17 N 61 41-82 W	Fl(2)G 6s	5	2	White spar, green top 6	<i>fl 0-2, ec 1-4, fl 0-2, ec 4-2</i>	*
J5841-54 TT, , 2012	- Store Bay	11 09-36 N 60 50-39 W	Q WRG	7	W 5 R 4 G 4	..	R073°-083°(10°), W083°-128°(45°), G128°-138°(10°)	*
J5914	- Galeota Point	10 08-29 N 60 59-50 W	Fl W 5s	80	13	White metal framework tower 10	<i>fl 0-5</i>	*
J6041 CO, C, 405	ARCHIPIELAGO SAN ANDRES Y PROVIDENCIA. ISLA DE PROVIDENCIA. LOW CAY - Low Cay	13 31-52 N 81 20-31 W	Fl(4)W 15s	20	15	Red tower, white band 18	<i>(fl 1, ec 2) x 3, fl 1, ec 5.</i> TE 2019	*
J6262 CO, C, 11	- Riohacha	11 32-57 N 72 55-79 W	Fl W 10s	35	17	White metal framework tower, red bands 30	<i>fl 1</i>	*
J6488	- Cumaná. Cumana Landfall	10 28-08 N 64 11-51 W	Fl W 12s	20	18	Orange GRP tower, white band 6	<i>fl 1</i>	*
J6800 VE, , V7003	ISLA COROCORO - Punta Barima	8 35-10 N 60 24-64 W	Fl W 10s	50	16	Triangular red and white metal tower 15	<i>fl 1</i>	
	--	..	Racon	24	..	..	ALRS Vol 2 Station 94607	*

V

NP82, Vol J Edition 2019/20 continued.

		RIVIÈRE DE CAYENNE. APPROACHES. L'ENFANT PERDU					
J6901	- Enfant Perdu	5 02-53 N	Fl W 4s	17	11	White truncated conical tower, red top	<i>fl 1.</i> TE 2019
FR.LD. 18700	(FR)	52 21-26 W				15	
	-- Emergency light	..	F W	17	7		*

NP84, Vol L Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.

Last Updates: Weekly Edition No. 52, dated 26 December 2019.

L2980	Olnilsøy. S Point	67 56-16 N	Iso WRG 4s	13	W6-7 Column	G235-6°-253-8°(18-2°), W253-8°-268-5°(14-7°), R268-5°-337-8°(69-3°), G337-8°-343°(5-2°), W343°-353-8°(10-8°), R353-8°-024-6°(30-8°), G024-6°-110-6°(86°), W110-6°-133-8°(23-2°), R133-8°-143-2°(9-4°)	
NO., 763600		13 06-67 E			R5-4 6 G5-4		
							*

NP85, Vol M Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.

Last Updates: Weekly Edition No. 52, dated 26 December 2019.

M6281-1 IZU SHOTO. IZU O SHIMA
Remove from list; deleted

M6281-2 IZU SHOTO. IZU O SHIMA
Remove from list; deleted

NP86, Vol N Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.

Last Updates: Weekly Edition No. 51, dated 19 December 2019.

N5809	Akliman. Karaada	42 03-14 N	Fl G 5s	20	5	White concrete tower	<i>fl 1</i>
TR., 10300		35 02-88 E			5		
	*	*	*	*	*	*	*

NP87, Vol P Edition 2019/20. Weekly Edition No. 1, Dated 02 January 2020.

Last Updates: Weekly Edition No. 52, dated 26 December 2019.

P3461-5 ZHUJIANG KOU AND APPROACHES
Remove from list; deleted; Replaced by light buoy

NP87, Vol P Edition 2019/20 *continued.*

ZHUJIANG KOU AND APPROACHES

P3464 Remove from list; deleted

P3465-308 CN, G103, 4352-025	- Dachan Shuidao. No 25	22 43-61 N 113 41-71 E *	Fl(2)G 6s	5	9	Green Δ on green pile		*
P3933-053 CN, G101, 1314-591	- HSA. Pier. N. D1	39 10-62 N 118 59-24 E *	Iso G 4s	9	7	Round GRP beacon, with red and white bands 7	*	*
P3933-055 CN, G101, 1314-592	- HSA. Pier. S. D2	39 10-40 N 118 59-31 E *	Iso W 4s	9	7	Round GRP beacon, with black and white bands 7	*	*
P3933-058 CN, G101, 1314-593	- HSA. Bank. S. D3	39 10-29 N 118 59-12 E *	Fl G 3s	9	7	Green round GRP beacon 7	*	*

NP88, Vol Q Edition 2020/21. Weekly Edition No. 1, Dated 02 January 2020.

Last Updates: Weekly Edition No. 52, dated 26 December 2019.

Q1558-28 ID., 5593-2	- Pulau Kaledupa. Karang Kaledupa (ID)	5 29-01 S 123 46-15 E *	Fl W 5s	14	12	White beacon 10	<i>fl 0-5</i>	*
Q1558-29 ID., 5593-3	- Pulau Kaledupa. Kaledupa (ID)	5 29-21 S 123 46-24 E *	Fl G 5s	11	12	Green Δ on green beacon 7	<i>fl 0-5</i>	*
Q1558-295 ID., 5593-4	- Pulau Kaledupa. Kaledupa (ID)	5 29-78 S 123 46-20 E *	Fl R 5s	11	6	Red \square on red beacon 7	<i>fl 0-5</i>	*

VI

UPDATES TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 1 dated 02 January 2020

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_2020.pdf)

VOLUME 1, NP281(1), 2019/20

Published Wk 48/19

(Last Updates: Weekly Edition No. 48 dated 28 November 2019)

MARITIME RADIO STATIONS

PAGE 191, POLAND.
WITOWO, after contacts table.

Insert:

NOTE(S): Effective 1st January 2020, a new radio station, Polish Rescue Radio (SPL), will replace the services provided by Witowo Maritime Radio Station (SPS). Witowo will cease to operate after this date and details of Polish Rescue Radio (SPL) services will be promulgated at the earliest opportunity.

[Polish Hydrographic Office correspondence \(RSDRA2019000300366\) 1/20](#)

VOLUME 2, NP282(1), 2019/20

Published Wk 13/19

(Last Updates: Weekly Edition No. 52 dated 26 December 2019)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 128, SPAIN (South West Coast).
Bajo El Quemado Lt Buoy.

Delete entry

[Spanish Notice 49/393/19 \(RSDRA2019000295507\) 1/20](#)

PAGE 128, SPAIN (South West Coast).
Bajo Las Cabezuelas Lt Buoy.

Delete entry

[Spanish Notice 49/393/19 \(RSDRA2019000295507\) 1/20](#)

VOLUME 2, NP282(2), 2019/20

Published Wk 13/19

(Last Updates: Weekly Edition No. 52 dated 26 December 2019)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 92, ANTARCTICA.

22 de Febrero Bn.

Delete entry and replace by:

22 de Febrero Bn	68°10'·45S 67°15'·63W	997016126		Real	21
------------------	-----------------------	-----------	--	------	----

[Argentine Bulletin 12/19 \(RSDRA2019000294957\) 1/20](#)

PAGE 92, ANTARCTICA, below 22 de Febrero Bn.

Insert:

Brown Base	64°53'·35S 62°52'·75W	997011095		Real	21
------------	-----------------------	-----------	--	------	----

[Argentine Bulletin 12/19 \(RSDRA2019000294957\) 1/20](#)

VI

PAGE 92, ANTARCTICA, below Cabo Burn Murdoch.

Insert:

Cabo San Eladio	64°51'·02S 63°07'·16W	997016125		Virtual	21
-----------------	-----------------------	-----------	--	---------	----

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA, below Cabo Sorle.

Insert:

Carlini Base	62°14'·32S 58°40'·22W	997011092		Real	21
--------------	-----------------------	-----------	--	------	----

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

**PAGE 92, ANTARCTICA.
Emm Rock West Cardinal.**

Delete entry

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA.

Garay Bn.

Delete entry and replace by:

Garay Bn	68°08'·61S 67°03'·87W	997016123		Real	21
----------	-----------------------	-----------	--	------	----

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA.

Lanusse Bn.

Delete entry and replace by:

Lanusse Bn	68°12'·99S 66°57'·16W	997016121		Real	21
------------	-----------------------	-----------	--	------	----

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA.

Libertad Bn.

Delete entry and replace by:

Libertad Bn	68°11'·74S 67°09'·30W	997016122		Real	21
-------------	-----------------------	-----------	--	------	----

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA.

Pig Rock East Cardinal.

Delete entry and replace by:

Roca Chanchito	62°18'·50S 58°47'·82W	997016114		Virtual	21
----------------	-----------------------	-----------	--	---------	----

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA, below Orcadas Base No 2.

Insert:

Punta Laprida	64°54'·02S 63°04'·59W	997016124		Virtual	21
Punta Rondeau	64°53'·52S 62°56'·02W	997016127		Virtual	21
Punta Vieytes	64°49'·62S 62°57'·31W	997016128		Virtual	21
Punta Winship	62°14'·60S 58°43'·67W	997016115		Virtual	21
Roca M	62°15'·63S 58°42'·50W	997016116		Virtual	21

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

VI

PAGE 92, ANTARCTICA.

San Martin Base.

Delete entry and replace by:

San Martin Base	68°07'·83S 67°06'·17W	997011094		Real	21
-----------------	-----------------------	-----------	--	------	----

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA.

Stranger Point East Cardinal.

Delete entry and replace by:

Stranger Point	62°15'·71S 58°37'·00W	997016113		Virtual	21
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Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

PAGE 92, ANTARCTICA.

Winship Point South Cardinal.

Delete entry

Argentine Bulletin 12/19 (RSDRA2019000294957) 1/20

VOLUME 3, NP283(1), 2020

Published Wk 50/19

(Last Updates: Weekly Edition No. 52 dated 26 December 2019)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

PAGE 180, POLAND.

WITOWO, NOTE(S).

Delete and replace by:

NOTE(S):	<ol style="list-style-type: none"> 1. Weather bulletins and Navigational Warnings will be announced prior to broadcast on VHF Ch 16 and 2720 kHz. 2. Broadcasts at other times on request. 3. Effective 1st January 2020, a new radio station, Polish Rescue Radio (SPL), will replace the services provided by Witowo Maritime Radio Station (SPS). Witowo will cease to operate after this date and details of Polish Rescue Radio (SPL) services will be promulgated at the earliest opportunity.
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Polish Hydrographic Office correspondence (RSDRA2019000300366) 1/20

VOLUME 3, NP283(2), 2019/20

Published Wk 50/18

(Last Updates: Weekly Edition No. 48 dated 28 November 2019)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

PAGE 217, RUSSIA (Pacific Coast), below MAGADAN.

Insert:

NEVEL'SK (UFM3, UBR6, UBR7) [3733]					
Control Centre: 46°31'·00N 141°51'·00E					
		4345 6334.5 12684.5	WT (HF)	Nevel'sk	46°38'·00N 141°51'·00E
Weather Bulletins	0800 2100	Weather and wave forecasts for SW part of the Gulf of Tartary, in Russian.			
NOTE(S): UFM3 is the Call Sign applicable for ALRS Vol.1 communications. UBR6 and UBR7 are the Call Signs applicable to ALRS Vol.3 broadcasts.					

Russian DNO correspondence (RSDRA2019000295528) 1/20

VI

VOLUME 5, NP285, 2019/20

Published Wk 28/19

(Last Updates: Weekly Edition No. 48 dated 28 November 2019)

VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1

**PAGE 128, NAVAREA I, POLAND.
WITOWO, below WITOWO heading.**

Insert:

Note Effective 1st January 2020, a new radio station, Polish Rescue Radio (SPL), will replace the services provided by Witowo Maritime Radio Station (SPS). Witowo will cease to operate after this date and details of Polish Rescue Radio (SPL) services will be promulgated at the earliest opportunity.

Polish Hydrographic Office correspondence (RSDRA2019000300366) 1/20

MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2

**PAGE 157, NAVAREA I, POLAND.
WITOWO, below WITOWO heading.**

Insert:

Note Effective 1st January 2020, a new radio station, Polish Rescue Radio (SPL), will replace the services provided by Witowo Maritime Radio Station (SPS). Witowo will cease to operate after this date and details of Polish Rescue Radio (SPL) services will be promulgated at the earliest opportunity.

Polish Hydrographic Office correspondence (RSDRA2019000300366) 1/20

DISTRESS, SEARCH AND RESCUE

**PAGE 353, NAVAREA I.
POLAND, TeleMedical Assistance Service, contacts table, row 5, WITOWO (SPS).**

Delete row:

WITOWO (SPS)	59 8109425	59 8109451	email: radio.witowo@emitel.pl
--------------	------------	------------	--------------------------------------

and replace by:

WITOWO (SPS)	59 8109425	59 8109451	email: radio.witowo@emitel.pl
	Effective 1st January 2020, a new radio station, Polish Rescue Radio (SPL), will replace the services provided by Witowo Maritime Radio Station (SPS). Witowo will cease to operate after this date and details of Polish Rescue Radio (SPL) services will be promulgated at the earliest opportunity.		

Polish Hydrographic Office correspondence (RSDRA2019000300366) 1/20

VOLUME 6, PART 6, NP 286(6), 2019/20

Published Wk 3/19

*(Last Updates: Weekly Edition No. 52 dated 26 December 2019)***PAGE 34, CHINA, FUJIAN - COASTAL VESSEL TRAFFIC SERVICE, diagram FUZHOU VESSEL TRAFFIC SERVICE.**

Delete diagram FUZHOU VESSEL TRAFFIC SERVICE and replace by diagram on page 6.6

Chinese Bulletin 46/19, (RSDRA2019000287766), 1/20**PAGE 37, CHINA, FUJIAN - COASTAL VESSEL TRAFFIC SERVICE, Fuzhou Vessel Traffic Service, PROCEDURE, section (2) (d).**

Delete and replace by:

(d) Songxia Harbour, Jianguin Harbour and Haitan Strait:

- (i) North Reporting Line: An arc of radius 10 n miles, bearing 310°-150°, centred on Zhupai Yu Lt (25°42'87N 119°43'39E)
- (ii) South Reporting Line: Lines commencing at 25°15'00N 119°45'00E running due W to 25°14'98N 119°29'89E, and due N to Haitan Dao

(e) Nanri Channel and Xinghua Wan:

- (i) Xinghua Wan South No.1: A line joining positions 25°09'72N 119°16'50E, 25°07'10N 119°22'05E and 25°09'48N 119°31'08E
- (ii) Xinghua Wan South No.2: A line joining positions 25°19'22N 119°20'63E, 25°19'77N 119°23'07E and 25°16'47N 119°30'55E

*(Former updates 3/19 & 44/19)*Chinese Bulletin 46/19, (RSDRA2019000287766), 1/20**PAGE 43, CHINA, GAOLAN, Vessel Traffic Service, REPORTING LINES.**

Delete and replace by:

REPORTING LINES:

Reporting lines have been established as follows:

- (1) **Western Reporting Line:** From position 21°45'00N 113°07'00E northwards to the coastline.
- (2) **Southern Reporting Line:** From position 21°45'00N 113°07'00E to position 21°45'00N 113°23'74E.
- (3) **Eastern Reporting Line:** From position 21°45'00N 113°23'74E to position 21°59'00N 113°27'00E.
- (4) **Northern Reporting Line:** From position 21°59'00N 113°27'00E to position 21°54'32N 113°16'73E.

*(Former update 36/19)*Chinese Notice 1530/19, (RSDRA2019000294426), 1/20**PAGE 44, CHINA, GAOLAN, diagram ZHUHAI VESSEL TRAFFIC SERVICE.**

Delete diagram ZHUHAI VESSEL TRAFFIC SERVICE and replace by diagram on page 6.7

Chinese Notice 1530/19, (RSDRA2019000294426), 1/20

VOLUME 6, PART 8, NP 286(8), 2019/20

Published Wk 14/19

*(Last Updates: Weekly Edition No. 40 dated 3 October 2019)***PAGE 19, BENIN, COTONOU, Port.**

Delete and replace by:

Port**CONTACT DETAILS:****Port Control**

Call: Cotonou Port Control
VHF Channel: Ch 16; 14
Telephone: +229 21314033

Hr Mr

Telephone: +229 21315592
+229 95859315 (Mobile)
Fax: +229 21312891

Port Authority

Telephone: +229 21312637
Fax: +229 21312891
E-mail: contacts@pac.bj
Website: www.portcotonou.com

HOURS: H24**PROCEDURE:**(1) **Notice of ETA:** Vessels should send ETA 48h prior to arrival to the Hr Mr via agent with the following information:

- (a) Vessel name
- (b) Vessel length and width
- (c) IMO number
- (d) Draught
- (e) ETA
- (f) Tonnage and nature of cargo
- (g) Number of containers to land or embark
- (h) Stopover time
- (i) Port of origin and destination
- (j) Unloading and/or loading terminal
- (k) Number or persons on board
- (l) Any damage
- (m) Information on any operational waste or cargo residues
- (n) Quantities of liquid waste on board (hydrocarbons and dirty water)
- (o) Flag and Call Sign
- (p) Requested berth
- (q) Quantity of dangerous cargo on board

(2) Vessels should confirm their ETA 24h prior to arrival.

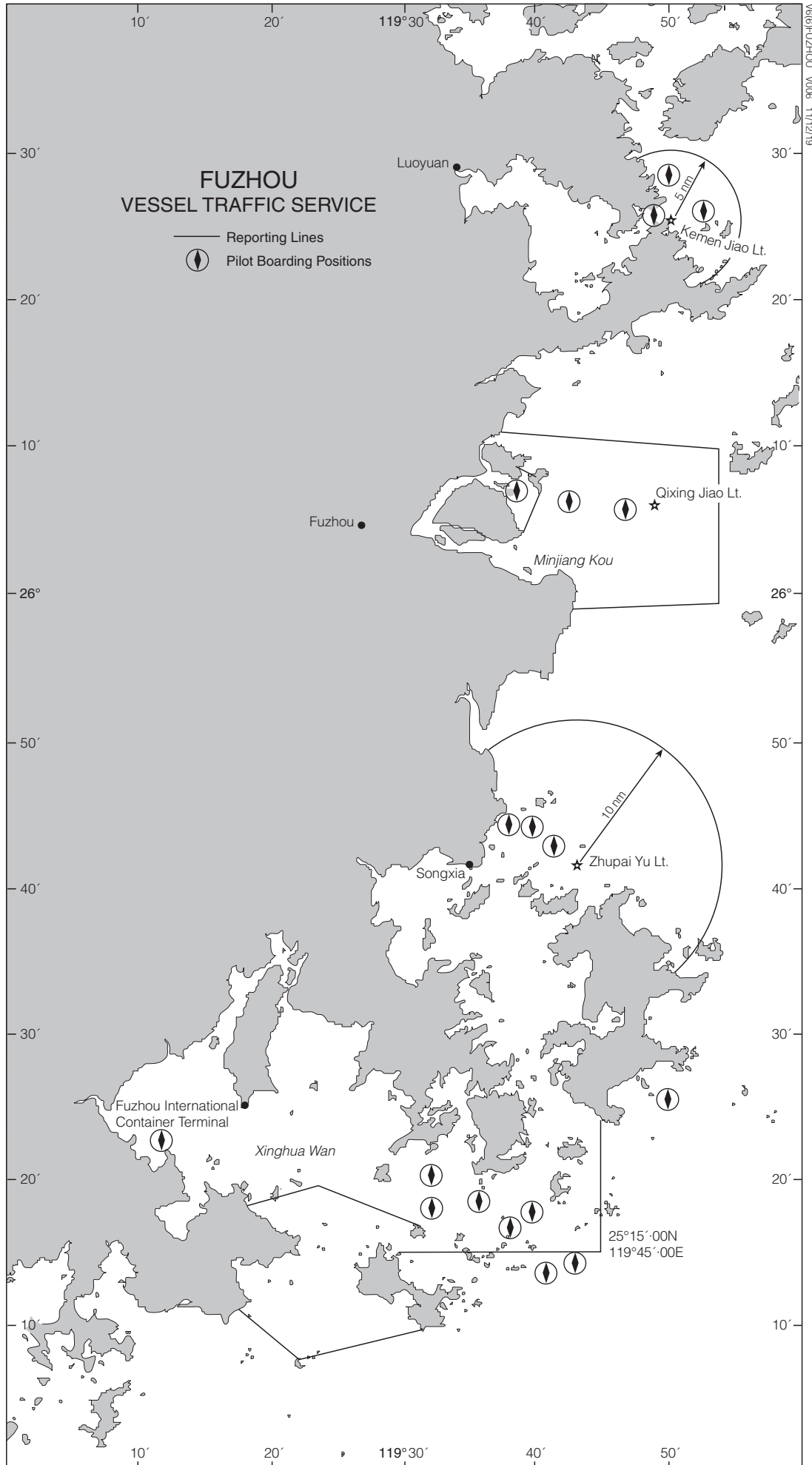
(3) Any changes to ETA should be reported immediately.

(4) **Notice of departure:** Vessels should send ETA 1h prior to departure to the Hr Mr via agent.

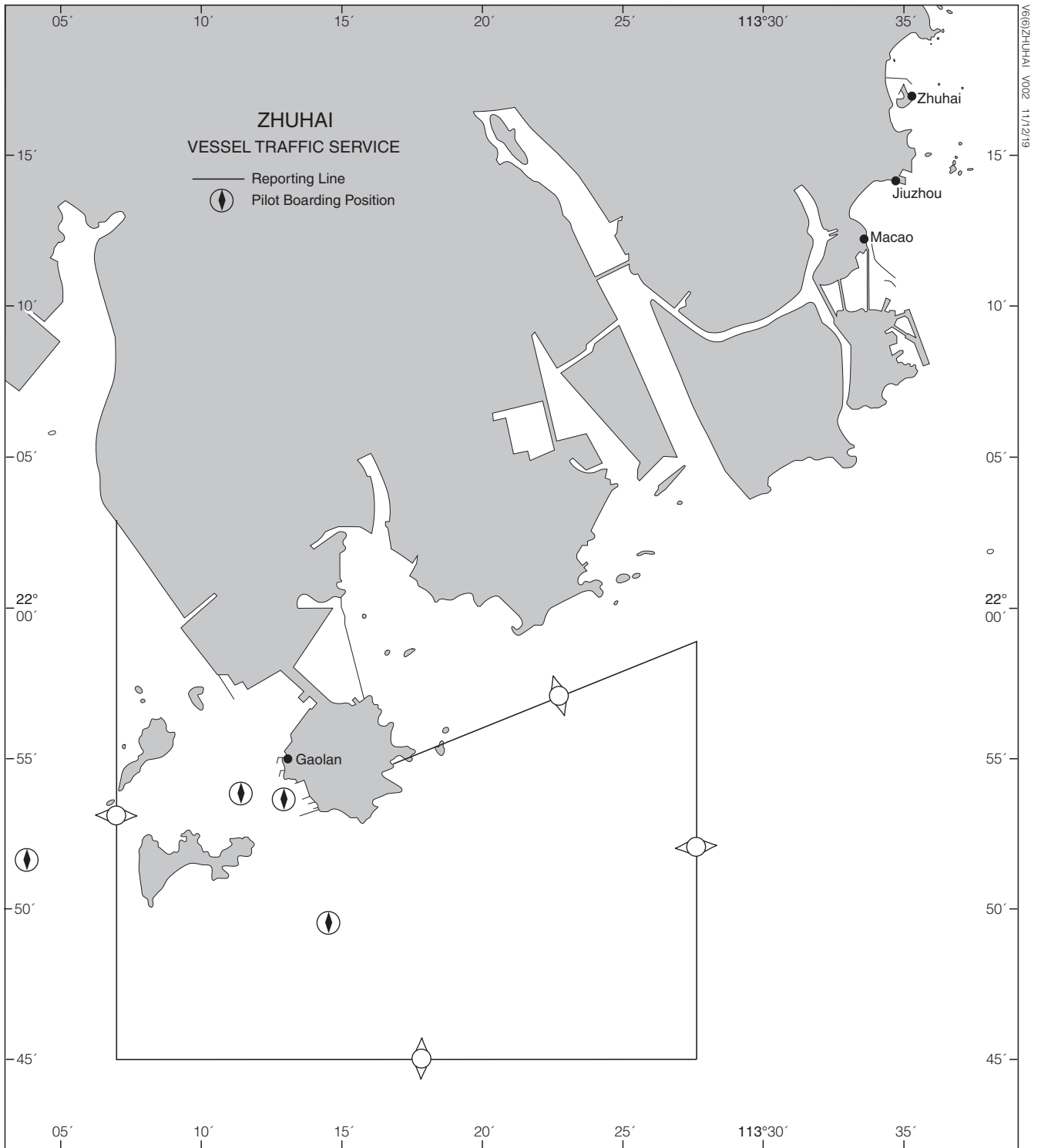
(5) Tugs are compulsory for vessels over 100 nt.

French Bulletin 49/19, (RSDRA2019000294840), 1/20

VI



VI



V6(G)ZHUHAI 0002 11/12/19

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UPDATES TO MISCELLANEOUS ADMIRALTY NAUTICAL PUBLICATIONS

There are no updates to miscellaneous Nautical Publications this week

ADMIRALTY DIGITAL SERVICES

1. ENC / ECDIS and AVCS

a) *Safety Notice*

For a graphical way to establish that the ECDIS is correctly displaying the new symbols introduced in IHO S-52 Presentation Library Edition 4.0 the mariner can check ECDIS Chart 1. ECDIS Chart 1 is a legend of the entire set of symbols that may be used within an ENC and is installed on all type-approved ECDIS systems. See iho.int for further information. ECDIS Systems have been required to use Presentation Library edition 4.0 since 1st September 2017 and previous editions are no longer SOLAS compliant.

ECDIS operating with Edition 3.4 of the IHO Presentation Library

Since 1st September 2017, ECDIS Systems have been required to use Presentation Library edition 4.0. Vessels using previous editions must upgrade as soon as possible to maintain compliance. The IHO Check Dataset is not required for Presentation Library 4.0.

b) *ENCs temporarily withdrawn from AVCS*

To review a cumulative list of ENCs temporarily withdrawn from AVCS, please visit the 'Updates' tab on: admiralty.co.uk/AVCS

c) *ENC Readme.txt file*

The README.TXT file located within the ENC_ROOT folder on the latest AVCS discs contains important safety related information relating to the use of ENCs in ECDIS. The file is also available on the support tab at admiralty.co.uk/avcs.

This file is updated on a regular basis and should be consulted to ensure that all related issues are taken into consideration.

d) *Temporary & Preliminary Notices to Mariners (T&P NMs) in ENCs*

The use of T&P NM information is considered an essential part of keeping navigational charts up to date.

The latest confirmed status of T&P NM information in the ENCs that are available in ADMIRALTY services is shown in the ENC-T&P-NM-Status.pdf file in the INFO folder on the service media and at: admiralty.co.uk/ENC-TP-NMs

ADMIRALTY Information Overlay (AIO) shows ADMIRALTY paper T&Ps where they are not already included in the ENCs. Most countries now include temporary information in their ENCs.

Further guidance can be found in the INFO folder on AIO discs.

e) *Important notice regarding AVCS CD Service*

From WK14/19, AVCS is only available by download or on the weekly DVDs. For more information, please contact your ADMIRALTY Chart Agent.

f) *Important notice for users of AVCS and ARCS Online Updating Services (AVCS OUS and ARCS OUS)*

The email service for AVCS OUS was withdrawn at the end of February 2019 due to technology infrastructure changes at UKHO.

Email calls to AVCS OUS will receive an auto-response that asks the customer to resubmit their data request online by http. Please contact your ADMIRALTY Distributor if support is required for use of the http service.

Due to the technology updates at UKHO, the ARCS Online Updating Service was withdrawn in July 2019.

2. ADMIRALTY Products Supporting Digital Navigation

- i. ADMIRALTY ENC and ECDIS Maintenance Record (NP133C). This publication is designed to hold paper records on ENC and ECDIS maintenance to assist information management and support inspections. Please note that V2.0 is the current edition.
- ii. ADMIRALTY Guide to ENC Symbols Used in ECDIS (NP5012). A companion to the ADMIRALTY Guide to Symbols and Abbreviations Used on Paper Charts, NP5011. The 2nd edition of NP5012 includes the changes highlighted in the new S-52 standards and the new presentation library 4.0.
- iii. ADMIRALTY Guide to the Practical Use of ENCs (NP231). Supports ECDIS training on the interpretation and use of ENC data.

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- 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.
- v. ADMIRALTY Port Approach Guides. Information from a range of official ADMIRALTY charts and publications on one chart, helping bridge crews to plan for particular approaches and to support Master Pilot Exchange. Expanding coverage of some of the world's most complex approaches, including Antwerp, Rotterdam and the Panama Canal. More information is available at admiralty.co.uk/port-approach-guides

3. ADMIRALTY Digital Publications (ADP)

ADP V19 is available on the ADP Weekly Update DVD.

The UKHO only supports ADP V18 and V19. Users of older versions of ADP should upgrade to a supported version at their earliest convenience. ADP V18 and V19 are the only versions that allow users to receive tidal updates as they are made available.

ADMIRALTY TotalTide (ATT): German Tidal Stations predicted on LAT

The TotalTide application computes predictions for all German tidal stations based on Lowest Astronomical Tide (LAT). Mariners using charts which refer to Mean Low Water Springs (MLWS) in German waters, must deduct 0.5m from all predicted tidal heights for these ports before applying them to the depths on those charts to determine the correct predicted depth of water. This advice will also be contained in the 'Notes' tab on the Prediction Windows in TotalTide for each German tidal station.

For information: Please note that there will not be a 2020 ADP release.

Historically we have made new versions of the ADP software available in December of each year however, there will be no commercial release of ADP this year. Previous versions have been released with yearly updates to tidal data and non-essential bug fixes however, as tidal data is now updated weekly there is no need for us to release a new version of the software at this time.

The supported ADP versions continue to remain at V18 and V19.

The ADP software and the Data updates can still be downloaded from weekly ADP and AENP Update DVDs.

Users can also download ADP directly on the Distributors FTP Site at <ftp://ukho.gov.uk>

For information: Ensure that Activation Key Requests and Update Data Requests for ADP are sent to ADPMailGateway@ukho.gov.uk

4. Status of ADMIRALTY Digital Services

Update status table			
	Product	Last issue date/Week	Reissue Date/Week
i.	ADMIRALTY Vector Chart Service (AVCS) Base CD download	05 December 2019 - 49	
ii.	ADMIRALTY Information Overlay (AIO) Base CD	04 October 2018 - 40	
iii.	ADMIRALTY Raster Chart Service (ARCS) Regional disc 1	01 August 2019 - 31	23 January 2020 - 04
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 2	31 October 2019 - 44	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 3	12 September 2019 - 37	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 4	26 September 2019 - 39	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 5	12 December 2019 - 50	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 6	22 August 2019- 34	06 February 2020 - 06
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 7	18 July 2019 - 29	20 February 2020 - 08
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 8	17 October 2019 - 42	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 9	21 November 2019 - 47	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 10	23 May 2019 - 21	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 11	23 August 2018 – 34 Small-scale Planning Charts	

ADMIRALTY Vector Chart Service (AVCS) DVDs and ADMIRALTY Information Overlay (AIO) CDs are issued weekly and contain all base and update data available at the time of issue.

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5. Supported ADMIRALTY Software Versions

Product	Supported Versions
ADP	V18, V19
ADMIRALTY e-Reader	1.3
ADMIRALTY Planning Station	3.4
ADMIRALTY gateway	4.2, 4.4
NavPac and Compact Data	3.4, 4.0

If you are using an unsupported version, contact your Chart Agent to upgrade to the latest version as soon as possible.

HYDROGRAPHIC NOTE FOR PORT INFORMATION

(To accompany Form H.102)

H.102A

(V7.0 Jan 2013)

Reporting Port Information affecting ADMIRALTY Products

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: nawarnings@ukho.gov.uk
Or alternatively contact T: +44 (0)1823 353448 (direct line) +44 (0)7989 398345 (mobile) F: +44 (0)1823 322352
For new information affecting all ADMIRALTY Charts and Publications forward to: sd@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"/>			

