



ADMIRALTY NOTICES TO MARINERS

Weekly Edition 42

18 October 2018

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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@btconnect.com
	Phone: +44(0)1823 353448
	Fax: +44(0)1823 322352
H102 forms	e-mail: sdr@ukho.gov.uk
(see back pages of this Weekly Edition)	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 Service on:

Tel: +44 (0) 1823 484444 (24/7)

e-mail: customerservices@ukho.gov.uk

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 UK Hydrographic Office.



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I

EXPLANATORY NOTES

Dating

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

Section I - Publications List

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

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

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

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

Section IB - Current Nautical Publications

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

Section II - Updates to Standard Nautical Charts

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

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

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

Section III - Navigational Warnings

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

Section IV - Sailing Directions

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

Section V - Lights

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

Section VI - Radio Signals

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

Section VII - Miscellaneous Publications

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

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

All Tides Publications

Nautical Almanac Publications, including Sight Reduction Tables.

Section VIII – ADMIRALTY Digital Services

Information relevant to ADMIRALTY Digital Services.

Further Guidance

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

CAUTIONARY NOTES

Updating

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

Laws and Regulations

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

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

Reliance on Charts and Associated Publications

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

Charts

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

Satellite-Derived Positions and Chart Accuracy

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

ADMIRALTY Charts affected by the Publication List

ADMIRALTY Charts	ADMIRALTY Charts	ADMIRALTY Publications
180	4248	NP 735
247	4249	e-NP 735
254	4250	NP 131
597	4255	
795	4258	
822	4259	
859	4262	
860	4263	
1076	4264	
1362	4265	
1607	4266	
1679	4267	
1693	4271	
1694	4272	
2104	4273	
2153	4274	
2214	5506	
2625	8039	
2629	8094	
2631	8175	
2721	8176	
2722	8177	
2754	8288	
3006	AUS 812	
3076	NZ 5321	
3104	NZ 5322	
3267	NZ 5324	
3625		
4217	International Charts	
4218		
4219	INT 1453	
4220	INT 1454	
4222	INT 1562	
4223	INT 1603	
4224	INT 1604	
4225	INT 1732	
4227	INT 1975	
4230	INT 2804	
4231	INT 3661	
4232	INT 3794	
4235		
4237		
4238		
4239		
4240		
4242		
4243		
4245		
4246		
4247		

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW ADMIRALTY CHARTS AND PUBLICATIONS

New ADMIRALTY Charts published 18 October 2018

Chart	Title, limits and other remarks	Scale	Folio	2018 Catalogue page
©1679	Malaysia - Sabah, Pelabuhan Lahad Datu. 5° 01'·95 N. — 4° 54'·94 N., 118° 18'·15 E. — 118° 28'·76 E. <i>A new chart providing improved coverage of Pelabuhan Lahad Datu. (A modified reproduction of Chart 8502 published by Malaysia.)</i>	1:20,000	59	78

ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 18 October 2018

Chart	Title, limits and other remarks	Scale	Folio	2018 Catalogue page
©247 INT 3794	International Chart Series, Turkey - South East Coast, İskenderun Körfezi Northern Terminals. <i>Includes significant safety-related information as follows: changes to anchorage areas.</i> <i>Note:</i> On publication of this New Edition former Notice 4444(P)/18 is cancelled.	1:25,000	30	46
©254	West Indies - Leeward Islands, Montserrat and Barbuda. Ⓐ Montserrat. Ⓑ Barbuda. Ⓒ Little Bay.	1:50,000 1:60,000 1:7,500	86	124
	<i>Includes changes to depths, coastline and lights.</i> <i>Note:</i> On publication of this New Edition former Notice 4672(P)/18 is cancelled.			
©597	West Indies, Saint Vincent to Grenada. <i>Includes changes to depths from the latest British Government Surveys.</i> <i>Note:</i> On publication of this New Edition former Notice 2353(T)/17, 3692(P)/17 are cancelled.	1:175,000	87	124

© 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 18 October 2018 (continued)

Chart	Title, limits and other remarks	Scale	Folio	2018 Catalogue page
⊙795	West Indies, The Grenadines - Southern Part. Carriacou to Grenada. 12° 32'·00 N. — 12° 11'·65 N., 61° 10'·71 W. — 61° 44'·50 W. Ⓐ Carriacou, Watering Bay and Approaches. Ⓑ Carriacou, Hillsborough Bay. 12° 30'·60 N. — 12° 26'·70 N., 61° 26'·70 W. — 61° 30'·70 W.	1:60,000 1:25,000 1:25,000	87	124
<i>Includes changes to depths from the latest British Government Surveys. The limits of the main sheet and Panel B have been changed to provide improved coverage of Hillsborough Bay.</i>				
<i>Note: On publication of this New Edition former Notice 3692(P)/17 is cancelled.</i>				
⊙2153	Malacca Strait - Malaysia, Southern Approaches to Pelabuhan Klang. Ⓐ Southern Approaches to Pelabuhan Klang. Ⓑ Selat Klang Selatan. Ⓒ Continuation of Selat Lumut.	1:25,000 1:15,000 1:25,000	45	66
<i>Includes significant safety-related information as follows: changes to anchorage areas.</i>				
<i>Note: This chart is to be deleted from the list of charts affected by Notice 4349(P)/18.</i>				
⊙2721 INT 1603	International Chart Series, Scotland - West Coast, Saint Kilda to Butt of Lewis.	1:200,000	6	28
<i>Includes changes to depths, firing practice areas and WETREP.</i>				
⊙2722 INT 1604	International Chart Series, Scotland - West Coast, Skerryvore to Saint Kilda.	1:200,000	5	28
<i>Includes changes to depths and firing practice areas.</i>				
⊙3267 INT 1454	International Chart Series, North Sea - Germany, The Elbe - Krautsand to Schulau. Stadersand.	1:30,000 1:15,000	9	32
<i>Includes changes to depths. (A modified reproduction of INT1454 published by Germany.)</i>				

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

New Editions of ADMIRALTY Charts published 18 October 2018 (continued)

Chart	Title, limits and other remarks	Scale	Folio	2018 Catalogue page
⊙3625 INT 1453	International Chart Series, North Sea - Germany, The Elbe - Belum to Krautsand. Ⓐ The Oste. Ⓑ Brunsbüttel. Ⓒ Glückstadt. Ⓓ Dornbusch. Ⓔ The Stör, Wewelsfleth to Hörn. Ⓕ The Stör, Hörn to Itzehoe.	1:30,000 1:50,000 1:15,000 1:10,000 1:30,000 1:30,000 1:30,000	9	32

Includes changes to depths and obstructions. (A modified reproduction of INT1453 published by Germany.)

Note: On publication of this New Edition former Notices 3846(T)/18 and 4798(P)/18 are cancelled. This chart remains affected by Notice 3439(T)/18.

8288	Port Approach Guide, Approaches to Venezia, Marghera, Malamocco and Chioggia.	-	27	141
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Includes a new Vessel Traffic Service. The overview diagram has been removed.

Note: On publication of this New Edition former Notice 2805(P)/18 is cancelled. This chart is to be deleted from the list of charts affected by Notice 2563(P)/18.

⊙ 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

Reproductions of Australian Government Charts

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

Chart	Published	Title and other remarks	Scale	Folio	2018 Catalogue page
⊙AUS812	21/09/2018	Australia - East Coast, New South Wales, Nambucca Heads to Clarence River.	1:150,000	66	90
<i>Includes changes to depths. (A modified reproduction of Chart AUS812 published by Australia.)</i>					

Reproductions of New Zealand Government Charts

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

Chart	Published	Title and other remarks	Scale	Folio	2018 Catalogue page
⊙NZ5321	01/09/2018	New Zealand, North Island - East Coast, Mahurangi Harbour to Rangitoto Island.	1:40,000	71	94
<i>Includes general updating throughout. (A modified reproduction of Chart NZ5321 published by New Zealand.)</i>					
<i>Note: This chart is to be deleted from the list of charts affected by Notice 3635(P)/17. This chart remains affected by Notice 3140(T)/18.</i>					
⊙NZ5322	01/09/2018	New Zealand, North Island - East Coast, Auckland Harbour East. Commercial Harbour. Calliope Wharves.	1:18,000 1:7,500 1:5,000	71	94
<i>Includes general updating throughout. (A modified reproduction of Chart NZ5322 published by New Zealand.)</i>					
⊙NZ5324	01/09/2018	New Zealand, North Island - East Coast, Tamaki Strait and Approaches including Waiheke Island.	1:40,000	71	94
<i>Includes general updating throughout. (A modified reproduction of Chart NZ5324 published by New Zealand.)</i>					
<i>Note: This chart is to be deleted from the list of charts affected by Notice 3635(P)/17. This chart remains affected by Notice 1494(T)/17.</i>					

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

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ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

ADMIRALTY Publications

NP No.	Title and other remarks	Date	Remarks
NP735 & e-NP735	ADMIRALTY Miscellaneous Publications. IALA Maritime Buoyage System. 2018 Edition. ISBN Number: 978-0-70-774-6043	18/10/2018	This Edition supersedes the 2012 Edition.

ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS TO BE PUBLISHED 01 NOVEMBER 2018

New ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio
3104 INT 2804	International Chart Series, North Atlantic Ocean, Liberia and Ivory Coast, Greenville to Sassandra. 2° 50'·0N. — 5° 12'·5N., 5° 54'·0W. — 9° 22'·0W. <i>A new chart providing improved coverage of the coasts of Liberia and Ivory Coast. This chart is referred to WGS84 Datum. (A modified reproduction of INT2804 published by France.) (This chart is included in the International Chart Series.)</i>	1:350,500	⊙1362	34

New Editions of ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio
180	Mediterranean Sea, Aegean Sea. <i>Includes general updating throughout. This chart is referred to WGS84 Datum.</i>	1:1,100,000	⊙180	28
822	Algeria, Approaches to Oran, Arzew and Mostaganem. <i>Includes changes to depths, coastline, lights and anchorage areas.</i>	1:120,000	⊙822	24
859 INT 1975	International Chart Series, Morocco - West Coast, Approaches to Mohammedia. <i>Includes changes to anchorage areas, maritime limits, lights and leading lines. (A modified reproduction of INT1975 published by France.)</i>	1:10,000	⊙859 INT 1975	20

⊙ 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 01 NOVEMBER 2018

New Editions of ADMIRALTY Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio
860	Morocco - West Coast, Approaches to Casablanca and Mohammedia. <i>Includes changes to maritime limits, lights and leading lines. (A modified reproduction of Chart 7706 published by France.)</i>	1:50,000	⊙860	20
1076	Wales - South Coast, Linney Head to Oxwich Point. Continuation of Afon Tywi. <i>Includes changes to depths from the latest British Government Surveys.</i>	1:75,000 1:75,000	⊙1076	2
1607 INT 1562	International Chart Series, England - East Coast, Thames Estuary Southern Part. <i>Includes changes to depths from the latest British Government, Port of London Authority, Medway Port Authority and Trinity House Surveys.</i>	1:50,000	⊙1607 INT 1562	8
2104 INT 3661	International Chart Series, Turkey - South Coast, İskenderun to Yakacik. <i>Includes significant safety-related information as follows: changes to depths, coastline and aids to navigation.</i>	1:25,000	⊙2104 INT 3661	30
2214	Black Sea including Marmara Denizi and Sea of Azov. <i>Includes general updating throughout. This chart is referred to WGS84 Datum.</i>	1:1,200,000	⊙2214	31
2625	England - South Coast, Approaches to Portsmouth. <i>Includes changes to depths from the latest British Government Surveys.</i>	1:7,500	⊙2625	1
2629	England - South Coast, Portsmouth Harbour Southern Part. <i>Includes changes to depths from the latest British Government Surveys.</i>	1:5,000	⊙2629	1

⊙ 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 01 NOVEMBER 2018

New Editions of ADMIRALTY Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be WITHDRAWN	Folio
2631 INT 1732	International Chart Series, England - South Coast, Portsmouth Harbour. Continuation of Fareham Lake.	1:7,500 1:7,500	⊙2631 INT 1732	1
	<i>Includes changes to depths from the latest British Government Surveys.</i>			
2754	United States - East Coast, Fire Island Inlet to Block Island Sound including Long Island Sound.	1:150,000	⊙2754	81
	<i>Includes changes to depths, wrecks and obstructions.</i>			
5506	Mariners' Routeing Guide, Turkish Straits, Strait of İstanbul and Southern Approaches.	-	5506	29
	<i>Includes changes to bridges and anchorages. Plans B and C have been replaced by a diagram.</i>			
8039	Port Approach Guide Kiel.	-	8039	10
	<i>Includes changes to depths, restricted areas, coastline and buoyage.</i>			
8094	Port Approach Guide Puertos Ingeniero White, Nacional and Galván. Ⓐ Bahía Blanca. Ⓑ Puertos Ingeniero White, Nacional and Galván.	-	8094	96
	<i>Includes new port developments and changes to depths, dredged areas, anchorages, berths and lights.</i>			
8175	Port Approach Guide Singapore, Tuas View to Pasir Panjang Terminal including Jurong Channels.	-	8175	45
	<i>Includes changes to dredged depths, depths, reclaimed areas, works and anchorages.</i>			
8176	Port Approach Guide Singapore, Sinki Fairway to Southern Fairway.	-	8176	45
	<i>Includes new port developments and changes to fairways, dredged depths and berths.</i>			
8177	Port Approach Guide Singapore, Southern Fairway to Changi.	-	8177	45
	<i>Includes changes to dredged depths, depths, fairways and coastline.</i>			

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

I

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

ADMIRALTY Charts

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>	<i>On publication of New Chart/New Edition</i>
247 INT 3794	International Chart Series, Turkey - South East Coast, İskenderun Körfezi Northern Terminals.	⊙247 INT 3794
254	West Indies - Leeward Islands, Montserrat and Barbuda.	⊙254
597	West Indies, Saint Vincent to Grenada.	⊙597
795	West Indies, The Grenadines - Southern Part.	⊙795
2153	Malacca Strait – Malaysia, Southern Approaches to Pelabuhan Klang.	⊙2153
2721 INT 1603	International Chart Series, Scotland - West Coast, Saint Kilda to Butt of Lewis.	⊙2721 INT 1603
2722 INT 1604	International Chart Series, Scotland - West Coast, Skerryvore to Saint Kilda.	⊙2722 INT 1604
3267 INT 1454	International Chart Series, North Sea – Germany, The Elbe – Krautsand to Schulau.	⊙3267 INT 1454
3625 INT 1453	International Chart Series, North Sea – Germany, The Elbe – Belum to Krautsand.	⊙3625 INT 1453
8288	Port Approach Guide Approaches to Venezia, Marghera, Malamocco and Chioggia.	8288
AUS812	Australia - East Coast, New South Wales, Nambucca Heads to Clarence River.	⊙AUS812
NZ5321	New Zealand, North Island - East Coast, Mahurangi Harbour to Rangitoto Island.	⊙NZ5321
NZ5322	New Zealand, North Island - East Coast, Auckland Harbour East.	⊙NZ5322
NZ5324	New Zealand, North Island - East Coast, Tamaki Strait and Approaches including Waiheke Island.	⊙NZ5324

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

I

INTENTION TO WITHDRAW CHARTS - FROM ARCS ONLY

SNC and AVCS coverage will be unaffected.

It is proposed to withdraw without replacement the following ADMIRALTY Charts from ARCS only on 01 November 2018:-

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>
⊙1693	Primera Angostura Segunda Angostura.
⊙1694	Segunda Angostura to Punta Arenas.
⊙3006	Estrecho de Magallanes.
⊙3076	Ports of Iquique Mejillones del Sur.
⊙4217	Chile - Arica.
⊙4218	Chile - Arica to Bahia de Iquique.
⊙4219	Chile - Bahia de Iquique Tocopilla.
⊙4220	Chile - Arica to Bahia Mejillones.
⊙4222	Apprs Caletas Patillos and Patache.
⊙4223	Tocopilla to Antofagasta.
⊙4224	Puerto Tocopilla.
⊙4225	Bahia Mejillones del Sur to Caldera.
⊙4227	Rada de Antofagasta.
⊙4230	Bahia Coquimbo to Puerto Caldera.
⊙4231	Apprs Puertos Caldera Calderilla.
⊙4232	Puerto Huasco.
⊙4235	Bahia Valparaiso to Bahia Coquimbo.
⊙4237	Bahia Coquimbo and Bahia Herradura.
⊙4238	Bahia Valparaiso to Bahia Quintero.
⊙4239	Bahia Quintero.
⊙4240	Bahia Valparaiso to Golfo de Arauco.
⊙4242	Valparaiso.
⊙4243	San Antonio.
⊙4245	Golfo de Arauco to Bahia Corral.

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

I

INTENTION TO WITHDRAW CHARTS - FROM ARCS ONLY

SNC and AVCS coverage will be unaffected.

**It is proposed to withdraw without replacement the following ADMIRALTY Charts from ARCS only on 01 November 2018:-
(continued)**

<i>Chart to be WITHDRAWN</i>	<i>Main Title</i>
⊙4246	Golfo de Arauco to Cabo Carranza.
⊙4247	Bahia Concepcion and San Vicente.
⊙4248	Puertos Talcahuano Lirquen and Pen.
⊙4249	Bahia San Vicente.
⊙4250	Bahia Corral to Isla Guafo.
⊙4255	Isla Guafo to Golfo de Penas.
⊙4258	Golfo de Penas to Golfo Trinidad.
⊙4259	Canal Trinidad to Estrecho de Magal.
⊙4262	Paso Tortuoso and Canal Jeronimo.
⊙4263	Paso Ingles.
⊙4264	Paso del Mar Islotes Evangelistas.
⊙4265	Paso Tortuoso to Paso del Mar.
⊙4266	Paso del Hambre to Paso Tortuoso.
⊙4267	Paso Nuevo to Paso del Hambre.
⊙4271	Canal Chacao.
⊙4272	Eastern Entrance to Canal Chacao.
⊙4273	Seno Reloncavi.
⊙4274	Golfo de Ancud.

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

I

ADMIRALTY CHART AGENT / DISTRIBUTOR INFORMATION

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Amendments to Part 1, Admiralty Authorised Chart Agents / Distributors

Page 8, Sub-Distributor section

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4895 MISCELLANEOUS UPDATES TO CHARTS

Source: UKHO

<i>Chart</i>	<i>Previous Update</i>	<i>Details</i>
494	3977/18	Effective from 11/10/18 on publication of Charts 369 and 368 Insert magenta limit and chart number, 369, as follows: North: - East: - South: 14° 34'·30N. West: - Insert magenta limit and chart number, 368, as follows: North: 14° 37'·10N. East: 60° 58'·88W. South: 14° 31'·00N. West: 61° 08'·06W. Delete magenta limit and chart reference, See Plan B on 371, in position 14° 32'·16N., 60° 59'·29W. Delete reference, Adjoining Chart 371, in N border at longitudes 61° 06'·75W. and 60° 51'·70W.
594	3977/18	Effective from 11/10/18 on publication of Chart 369 Insert magenta limit and chart number, 369, as follows: North: 14° 58'·60N. East: - South: 14° 34'·30N. West: 61° 17'·78W. Delete magenta limit and chart number, 371, in the following positions: 14° 56'·32N., 61° 16'·83W. 14° 44'·25N., 60° 45'·29W.
596	3977/18	Effective from 11/10/18 on publication of Chart 369 Insert magenta limit and chart number, 369, as follows: North: - East: 60° 41'·08W. South: 14° 34'·30N. West: 61° 17'·78W. Delete magenta limit and chart number, 371, in position 14° 30'·29N., 61° 16'·84W.

4909 MISCELLANEOUS UPDATES TO CHARTS

Source: UKHO

<i>Chart</i>	<i>Previous Update</i>	<i>Details</i>
1820	1524/18	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, 2667, in position 53° 46'·43N., 10° 19'·85W. Amend chart reference to read, 2706, in position 53° 42'·29N., 9° 48'·32W. Amend chart reference to read, 2709, in position 53° 10'·71N., 10° 03'·56W. Delete note, CHARTS 2667, 2706 AND 2709: POSITIONS, centred on 53° 26'·90N., 9° 54'·59W.
2057	5794/14	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Delete note, CHART 2667: POSITIONS, centred on 53° 49'·59N., 9° 32'·44W.
2096	4905/16	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, Adjoining Chart 2709, in W border at latitude 53° 15'·00N. Delete note, CHARTS 2709: POSITIONS, centred on 53° 20'·17N., 9° 53'·01W.
2173 INT 1616	4121/18	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, 2709, in position 53° 10'·80N., 10° 03'·16W. Delete note, CHART 2709: POSITIONS, centred on 52° 48'·85N., 9° 07'·15W.

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4909 MISCELLANEOUS UPDATES TO CHARTS (continued)

Source: UKHO

Chart	Previous Update	Details
2420 INT 1617	1524/18	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, 2667, in position 53° 42'·20N., 10° 19'·30W. Amend chart reference to read, 2704, in position 53° 56'·81N., 10° 29'·42W. Amend chart reference to read, 2709, in position 53° 10'·79N., 10° 03'·30W. Replace existing note, CHARTS 2704, 2706, 2709, 2667 AND 2767: POSITIONS, with the accompanying note, CHART 2767: POSITIONS, centred on 54° 02'·55N., 9° 40'·56W.
2703	3850/17	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, Adjoining Chart 2704, in S border at longitude 10° 13'·00W. Replace existing note, CHART 2704 AND 2767: POSITIONS, with the accompanying note, CHART 2767: POSITIONS, centred on 54° 12'·00N., 9° 44'·09W.
2707	New Edition 28/07/2016	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, Adjoining Chart 2706, in E border at latitude 53° 38'·50N. Delete note, CHARTS 2667 AND 2706: POSITIONS, centred on 53° 39'·56N., 10° 19'·10W.
2708	New Edition 28/07/2016	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, Adjoining Chart 2709, in E border at latitude 53° 20'·75N. Delete note, CHART 2709: POSITIONS, centred on 53° 17'·70N., 10° 08'·85W.
2725	4231/17	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, 2704, in position 54° 13'·60N., 10° 29'·00W. Delete note, CHART 2704: POSITIONS, centred on 54° 06'·85N., 8° 14'·00W.
3339	4121/18	Effective from 11/10/18 on publication of Charts 2667, 2704, 2706 and 2709. Amend chart reference to read, 2709, in position 53° 10'·66N., 9° 46'·85W. Delete note, CHART 2709: POSITIONS, centred on 53° 00'·82N., 9° 18'·03W.

4862 ENGLAND - South East Coast - Depths. Wrecks.

Source: Trinity House

Chart 323 (INT 1564) [previous update 4615/18] ETRS89 DATUM

Insert	 Wk	51° 16'·67N., 1° 27'·94E.
	depth, 5 ₂	(a) 51° 14'·48N., 1° 26'·74E.
Delete	depth, 5 ₆ , close SE of:	(a) above

II

4862 ENGLAND - South East Coast - Depths. Wrecks. (continued)

Chart 1828 (INT 1563) [*previous update 3111/18*] ETRS89 DATUM

Insert	depth, 8 ₄ , and extend 10m contour NW to enclose	51° 16′·78N., 1° 28′·58E.
	depth, 6 ₂	51° 14′·87N., 1° 27′·38E.
	depth, 7 ₄	51° 14′·56N., 1° 26′·43E.
	depth, 5 ₂	(a) 51° 14′·48N., 1° 26′·74E.
Delete	depth, 5 ₆ , close SE of:	(a) above
Replace	depth, 8 ₅ , with depth, 7 ₉	51° 17′·95N., 1° 29′·47E.
	depth, 9 ₁ , with depth, 8 ₆	51° 17′·63N., 1° 29′·28E.
	 Wk with  Wk	51° 16′·67N., 1° 27′·94E.
	depth, 8 ₅ , with depth, 8 ₂	51° 15′·97N., 1° 27′·74E.

4899* ENGLAND - East Coast - Depths.

Source: Port of London Authority

Chart 3337 [*previous update 4232/18*] ETRS89 DATUM

Insert	depth, 4 ₉ , and extend 5m contour NE to enclose	(a) 51° 30′·246N., 0° 00′·559E.
Delete	depth, 2 ₈ , close SW of:	(a) above
Insert	depth, 1 ₁ , and extend 2m contour E to enclose	(b) 51° 29′·446N., 0° 00′·098W.
Delete	depth, 1 ₈ , close S of:	(b) above

4947* WALES - South Coast - Depths.

Source: Trinity House

Chart 1152 [*previous update 4721/18*] ETRS89 DATUM

Insert	depth, 7 ₈	(a) 51° 20′·73N., 3° 13′·08W.
Delete	depth, 9 ₁ , close SW of:	(a) above

Chart 1179 (INT 1610) [*previous update 4721/18*] ETRS89 DATUM

Replace	depth, 9 ₂ , with depth, 7 ₈	51° 20′·73N., 3° 13′·08W.
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Chart 1182 (INT 1653) [*previous update 4721/18*] ETRS89 DATUM

Insert	depth, 7 ₈ , and extend 10m contour E to enclose	(a) 51° 20′·73N., 3° 13′·08W.
Delete	depth, 9 ₂ , close W of:	(a) above

II

4884 FINLAND - West Coast - Buoyage.

Source: Finnish Notice 25/268/18

Chart 2145 (Panel A, Kaskinen) [*previous update 3112/16*] WGS84 DATUM

Delete



62° 20′·83N., 21° 12′·97E.

62° 20′·81N., 21° 12′·97E.

Chart 3822 (INT 1135) [*previous update 3312/18*] WGS84 DATUM

Delete



62° 20′·83N., 21° 12′·96E.

62° 20′·81N., 21° 12′·97E.

4918 FINLAND - West Coast - Buoyage.

Source: Finnish Notices 25/266-267/18

Chart 2164 (INT 1151) [*previous update New Edition 16/11/2017*] WGS84 DATUM

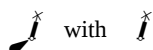
Delete



61° 36′·229N., 21° 28′·093E.

Chart 3830 (INT 1133) [*previous update 1675/18*] WGS84 DATUM

Replace



61° 36′·16N., 21° 27′·63E.

61° 36′·18N., 21° 27′·82E.

Delete



61° 36′·23N., 21° 28′·09E.

4944 RUSSIA - Baltic Sea Coast - Foul.

Source: Russian Notice 38/5017/18

Chart 2264 [*previous update 3074/18*] WGS84 DATUM

Insert



60° 06′·47N., 29° 22′·81E.

4977 POLAND - NM Block.

Source: ENC PL3E0000

Chart 2014 (INT 1219) [*previous update 4824/18*] WGS84 DATUM

Insert

the accompanying block, centred on:

54° 25′·0N., 16° 22′·4E.

II

4864 NETHERLANDS - Buoyage. Restricted area.

Source: Netherlands Notice 37/320/18

Note: Former Notice 235(T)/16 is cancelled.

Chart 208 (INT 1466) [*previous update 3598/18*] WGS84 DATUM

Insert



Fl.Y.5s MK 1

(a) 51° 54'·68N., 4° 29'·30E.



Fl(3)Y.10s MK 7

(b) 51° 54'·79N., 4° 29'·48E.



Fl.Y.5s MK 13

(c) 51° 54'·90N., 4° 29'·67E.

limit of restricted area, $\pi\pi\pi\pi$, joining:

51° 54'·66N., 4° 29'·33E.

(a) above

(b) above

(c) above

51° 54'·89N., 4° 29'·68E.

4883 GERMANY - North Sea Coast - Depths.

Source: German Notice 37/2/18

Chart 3617 (INT 1456) [*previous update 4778/18*] WGS84 DATUM

Insert

depth, 14₆

53° 44'·84N., 8° 03'·59E.

depth, 12₉

(a) 53° 44'·77N., 8° 04'·88E.

Delete

depth, 13₆, close S of:

(a) above

4922 NORTH SEA - Norwegian Sector - Obstruction. Moored storage tanker. Legend.

Source: Norwegian Notice 17/59293/18

Note: Restricted area remains

Chart 294 [*previous update 3158/18*] WGS84 DATUM

Replace



Loading System with  Martin Linge FSO

60° 29'·87N., 2° 04'·42E.

Chart 1427 (INT 1401) [*previous update 4606/18*] WGS84 DATUM

Replace



Loading System with  Martin Linge FSO

60° 29'·9N., 2° 04'·4E.

Delete

legend, Ru, centred on:

60° 31'·8N., 2° 02'·3E.

II

4926 NETHERLANDS - Buoyage.

Source: Netherlands Notice 38/332/18

Chart 209 (INT 1467) (Part B, Dordrecht to Moerdijk) [previous update 3598/18] WGS84 DATUM

Insert		51° 43'·01N., 4° 36'·89E.
Replace	 with symbol, green and white spar buoy with triangle topmark	51° 43'·14N., 4° 37'·02E.
Move	 , from:	51° 43'·10N., 4° 36'·78E.
	to:	51° 43'·01N., 4° 36'·72E.
	 , from:	51° 43'·06N., 4° 36'·52E.
	to:	51° 43'·01N., 4° 36'·51E.

4932 NETHERLANDS - Wind turbine.

Source: Netherlands Notice 38/340/18

Note: Former Notice 3344(P)/18 is cancelled.

Chart 125 (INT 1422) [previous update New Edition 30/08/2018] WGS84 DATUM

Insert	symbol, wind turbine, Mo(U)Y.15s18m5M	52° 36'·18N., 4° 11'·61E.
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Chart 1631 (INT 1418) [previous update 4196/18] WGS84 DATUM

Insert	symbol, wind turbine, Mo(U)Y.15s18m5M	52° 36'·18N., 4° 11'·61E.
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4973 NETHERLANDS - Depths.

Source: Netherlands Notice 38/341/18

Chart 120 (INT 1479) (Panel A, Continuation to Nauw van Bath) [previous update 4739/18] WGS84 DATUM

Insert	depth, 2 ₈	(a) 51° 22'·87N., 4° 05'·59E.
Delete	depth, 3 ₄ , close NW of:	(a) above
	depth, 3 ₂ , close SE of:	(a) above
Insert	depth, 2 ₉	(b) 51° 22'·47N., 4° 05'·99E.
Delete	depth, 3 ₆ , close N of:	(b) above

Chart 120 (INT 1479) [previous update 4739/18] WGS84 DATUM

Insert	depth, 0 ₉ , and extend 2m, 5m and 10m contours S to enclose	(a) 51° 21'·78N., 3° 51'·69E.
Delete	depth, 3 ₃ , close NE of:	(a) above
Insert	depth, 3, enclosed by 5m contour	51° 21'·97N., 3° 52'·23E.
	depth, 1 ₇ , and extend 2m, 5m and 10m contours SE to enclose	51° 22'·60N., 3° 55'·39E.
	drying height, 0 ₅ , enclosed by 0m low water line	(b) 51° 23'·95N., 3° 55'·24E.
Delete	depth, 1 ₂ , close NE of:	(b) above
Insert	drying height, 0 ₂ , enclosed by 0m low water line	51° 25'·92N., 3° 57'·41E.
	depth, 3 ₂ , and extend 5m and 10m contours NE to enclose	51° 25'·97N., 4° 00'·12E.
	depth, 1 ₅ , and extend 2m and 5m contours NE to enclose	51° 25'·66N., 4° 00'·90E.
Replace	depth, 1 ₅ , with depth, 1	51° 22'·28N., 3° 54'·65E.
	depth, 2 ₁ , with depth, 1 ₇ , enclosed by 2m contour	51° 22'·38N., 3° 54'·91E.

II

4942 FRANCE - West Coast - Buoy. Fog signal. Automatic Identification System.

Source: French Notice 37/56/18

Chart 2350 [*previous update 4065/18*] WGS84 DATUM

Delete  *Fl(2)6s Whis Swansea Vale*, associated symbol, fog signal, and associated Automatic Identification System, AIS 48° 18'·27N., 4° 38'·85W.

Chart 2356 [*previous update 3827/18*] WGS84 DATUM

Delete  *Fl(2)6s Whis Swansea Vale*, associated symbol, fog signal, and associated Automatic Identification System, AIS 48° 18'·27N., 4° 38'·85W.

Chart 2643 (INT 1800) [*previous update 4065/18*] WGS84 DATUM

Delete  *Fl(2) Whis Swansea Vale*, associated symbol, fog signal, and associated Automatic Identification System, AIS 48° 18'·19N., 4° 38'·93W.

Chart 3427 (INT 1832) [*previous update 3560/18*] WGS84 DATUM

Delete  *Fl(2)6s Whis Swansea Vale*, and associated Automatic Identification System, AIS 48° 18'·28N., 4° 38'·84W.

4948 FRANCE - North Coast - Automatic Identification System.

Source: French Notice 37/41/18

Chart 3655 (Panel, Cap de Carteret to Cap de Flamanville) [*previous update 3584/18*] WGS84 DATUM

Delete Automatic Identification System, AIS, at light 49° 22'·42N., 1° 48'·42W.

Chart 3655 [*previous update 3584/18*] WGS84 DATUM

Delete Automatic Identification System, AIS, at light 49° 22'·41N., 1° 48'·41W.

4965 FRANCE - North Coast - Wrecks. Automatic Identification System.

Source: French Notice 37/39/18

Chart 1432 [*previous update 3404/18*] WGS84 DATUM

Replace ++ PD with:  Wk 48° 39'·44N., 4° 36'·69W.

Chart 1892 (INT 1741) [*previous update 3809/18*] ETRS89 DATUM

Replace  with:  Wk 50° 42'·55N., 1° 28'·02E.

Chart 2028 [*previous update 3380/18*] WGS84 DATUM

Replace  Wk (PD) with:  Wk 48° 52'·15N., 2° 43'·34W.
 Wk PD with:  Wk PD 48° 50'·00N., 2° 48'·00W.

II

4965 FRANCE - North Coast - Wrecks. Automatic Identification System. (continued)

Chart 2029 [*previous update 3380/18*] WGS84 DATUM

Replace  Wk PD with  Wk PD 48° 50'·00N., 2° 48'·00W.

Chart 2451 (INT 1704) [*previous update 4366/18*] WGS84 DATUM

Insert Automatic Identification System, AIS, at *Vergoyer Est* light-buoy 50° 35'·75N., 1° 19'·67E.

Replace  Wk PD with  Wk 50° 42'·55N., 1° 28'·02E.

Chart 2669 [*previous update 3584/18*] WGS84 DATUM

Replace  Wk with  Wk 48° 52'·15N., 2° 43'·34W.

 Wk PD with  Wk PD 48° 50'·00N., 2° 48'·00W.

Chart 2675 (INT 1070) [*previous update 4366/18*] ETRS89 DATUM

Insert Automatic Identification System, AIS, at *Vergoyer E* light-buoy 50° 35'·7N., 1° 19'·9E.

4886 RUSSIA - Black Sea Coast - Obstructions. Anchorage area.

Source: ENC RU5MELJ0

Chart 2216 [*previous update 4206/18*] WGS84 DATUM

Delete  *Obstns* 45° 09'·72N., 36° 33'·95E.



45° 04'·57N., 36° 38'·47E.

Chart 2242 [*previous update 4206/18*] PULKOVO 1942 DATUM

Delete  *Obstn* 45° 09'·83N., 36° 33'·97E.

 *Obstn* 45° 09'·69N., 36° 33'·98E.

circular limit of anchorage area, pecked line, centred on: 45° 04'·58N., 36° 38'·45E.

4949 TURKEY - South Coast - Buoy.

Source: Turkish Notice 36/178/18

Note: This update is included in New Edition 2104, published 1 November 2018

Chart 246 (INT 3660) [*previous update 4523/18*] WGS84 DATUM

Insert  *Fl.Y.3s* 36° 41'·61N., 36° 11'·08E.

II

4975 EQUATORIAL GUINEA - Submarine cable. Reported anchorages.

Source: French Notice 37/151/18

Chart 1322 (Panel B, Bata Anchorage) [*previous update 2094/18*] WGS84 DATUM

Insert	submarine cable,  , joining:	1° 52'·33N., 9° 46'·23E.
		(a) 1° 52'·53N., 9° 45'·91E.
		1° 52'·70N., 9° 45'·10E.
		1° 52'·65N., 9° 44'·38E.
		1° 52'·74N., 9° 42'·91E.
		1° 52'·89N., 9° 42'·35E.
Delete		1° 52'·56N., 9° 45'·65E.
		(a) above

Chart 1387 (INT 2810) [*previous update 3702/18*] WGS84 DATUM

Insert	submarine cable,  , joining:	1° 52'·3N., 9° 46'·2E.
		1° 52'·7N., 9° 45'·1E.
		1° 52'·7N., 9° 42'·9E.
		1° 55'·4N., 9° 35'·2E.
		2° 06'·3N., 9° 21'·8E.
		and
		3° 45'·2N., 8° 54'·7E.
		3° 45'·6N., 8° 55'·8E.
		3° 45'·2N., 8° 57'·1E.
		3° 44'·7N., 8° 57'·5E.
		3° 38'·5N., 9° 00'·4E.
		3° 33'·0N., 9° 01'·4E.

Chart 3118 (INT 2088) [*previous update 4589/18*] WGS84 DATUM

Insert	submarine cable,  , joining:	1° 52'·3N., 9° 46'·2E.
		1° 55'·4N., 9° 35'·2E.
		2° 06'·3N., 9° 21'·8E.
		and
		3° 45'·2N., 8° 54'·7E.
		3° 45'·2N., 8° 57'·1E.
		3° 38'·5N., 9° 00'·4E.
		3° 33'·0N., 9° 01'·4E.

Chart 3327 (INT 2811) [*previous update 1062/18*] WGS84 DATUM

Insert	submarine cable,  , joining:	1° 52'·3N., 9° 46'·2E.
		1° 52'·7N., 9° 45'·1E.
		1° 52'·7N., 9° 42'·9E.
		1° 55'·4N., 9° 35'·2E.
		2° 06'·3N., 9° 21'·8E.

II

4894 UNITED ARAB EMIRATES - NM Block.

Source: Hutchison Ajmān International Terminals Limited F.Z.E

Chart 3405 (INT 7215) (Panel A, 'Ajmān) [*previous update 58/18*] WGS84 DATUM

Insert the accompanying block, centred on: 25° 24'·7N., 55° 27'·3E.

4900 INDIA - West Coast - Wrecks. Depth.

Source: Indian Chart 216

Chart 1509 [*previous update 4485/18*] INDIAN DATUM

Insert  Wk, and extend 20m contour N to enclose (a) 13° 55'·3N., 74° 24'·6E.
Delete , close S of: (a) above
depth, 11₉, close S of: (a) above

Chart 1564 [*previous update 4728/18*] INDIAN DATUM

Replace , with  Wk and extend 20m contour N to enclose (a) 13° 55'·3N., 74° 24'·6E.
Delete depth, 11₉, close SW of: (a) above

4923 SRI LANKA - West Coast - Depths.

Source: UKHO

Chart 1587 [*previous update 4663/18*] CEYLON 1933 DATUM

Insert depth, 17, enclosed by 20m contour 7° 02'·3N., 79° 45'·9E.
depth, 18, enclosed by 20m contour (a) 6° 51'·9N., 79° 49'·3E.
Delete depth, 22, close E of: (a) above

4929 INDIA - West Coast - Wreck.

Source: Indian Notice 17/147/18 and Indian Chart 217

Chart IN 293 (INT 7022) [*previous update 4728/18*] WGS84 DATUM

Replace  Masts with  12° 48'·0N., 74° 44'·4E.

Chart 1564 [*previous update 4900/18*] INDIAN DATUM

Insert  12° 48'·1N., 74° 44'·2E.

Chart 2738 [*previous update 4728/18*] UNDETERMINED DATUM

Insert  12° 48'·0N., 74° 44'·5E.

II

4966 INDIA - East Coast - Landmarks. Lights.

Source: Indian Notice 18/150/18

Chart IN 3004 (INT 7403) [previous update 5046/17] WGS84 DATUM

Replace	 RADIO TOWER (R Lts) (PA) to  RADIO TOWER (R Lts) (PA)	13° 05'·980N., 80° 17'·420E.
	 TV TOWER (Fl&3F,R Lts) (PA) to  TV TOWER (Fl&3F,R Lts) (PA)	13° 04'·012N., 80° 16'·856E.

4927 SINGAPORE STRAIT - Pilot boarding places.

Source: Malaysian Notice 8/178/18

Chart 2403 [previous update 4718/18] WGS84 DATUM

Insert	① EPBG (A)	1° 18'·16N., 104° 12'·20E.
Move	① WPBG , from:	1° 17'·77N., 104° 08'·04E.
	to:	1° 17'·35N., 104° 07'·46E.
	① EPBG , from:	1° 19'·36N., 104° 15'·64E.
	to:	1° 18'·97N., 104° 16'·62E.

Chart 3831 [previous update 4845/18] WGS84 DATUM

Insert	① East (A)	1° 18'·16N., 104° 12'·20E.
	① East	1° 18'·97N., 104° 16'·90E.
Delete	former ① East	1° 19'·35N., 104° 15'·63E.
Move	① West, from:	1° 17'·77N., 104° 08'·04E.
	to:	1° 17'·35N., 104° 07'·37E.

Chart 3833 [previous update 4845/18] WGS84 DATUM

Move	① Tanjung Pelepas, from:	1° 14'·69N., 103° 32'·10E.
	to:	1° 13'·93N., 103° 31'·81E.

Chart 4038 [previous update 4443/18] WGS84 DATUM

Insert	① Tanjung Pelepas	1° 13'·93N., 103° 31'·87E.
Delete	former ① Tanjung Pelepas	1° 14'·69N., 103° 32'·10E.

Chart 4042 [previous update 4443/18] WGS84 DATUM

Insert	① West Pilot Boarding Ground	1° 17'·35N., 104° 07'·45E.
Delete	former ① West Pilot Boarding Ground	1° 17'·77N., 104° 08'·04E.
Insert	① East Pilot Boarding Ground (A)	1° 18'·16N., 104° 12'·20E.
	① East Pilot Boarding Ground	1° 18'·97N., 104° 16'·90E.
Delete	former ① East Pilot Boarding Ground	1° 19'·35N., 104° 15'·63E.

II

4927 SINGAPORE STRAIT - Pilot boarding places. (continued)

Chart 4043 [*previous update 4845/18*] WGS84 DATUM

Insert	① <i>West Pilot Boarding Ground</i>	1° 17′·35N., 104° 07′·45E.
Delete	former ① <i>West Pilot Boarding Ground</i>	1° 17′·77N., 104° 08′·04E.

Chart 5524 [*previous update New Edition 06/09/2018*] WGS84 DATUM

Move	① <i>TP</i> , from:	1° 14′·7N., 103° 32′·1E.
	to:	1° 13′·9N., 103° 31′·9E.

Chart 5527 [*previous update 4718/18*] WGS84 DATUM

Insert	① <i>EPBG (A)</i>	1° 18′·2N., 104° 12′·2E.
Move	① <i>EPBG</i> , from:	1° 19′·3N., 104° 15′·6E.
	to:	1° 19′·0N., 104° 16′·9E.
	① <i>WPBG</i> , from:	1° 17′·8N., 104° 08′·0E.
	to:	1° 17′·4N., 104° 07′·5E.

4971 SINGAPORE STRAIT - Buoyage.

Source: Marine Department, Malaysia Notice 121/18

Chart 3831 [*previous update 4927/18*] WGS84 DATUM

Insert	 <i>Fl.R.2s SPJ W2</i>	1° 19′·45N., 104° 06′·31E.
	 <i>Fl.G.2s SPJ W1</i>	1° 19′·24N., 104° 06′·48E.
	 <i>Fl(2)R.10s SPJ W4</i>	1° 19′·94N., 104° 07′·13E.
	 <i>Fl(2)G.10s SPJ W3</i>	1° 19′·63N., 104° 07′·14E.
	 <i>Fl.R.5s SPJ E3</i>	1° 19′·26N., 104° 08′·00E.
	 <i>Fl(2)R.6s SPJ E2</i>	1° 18′·95N., 104° 08′·34E.
	 <i>Fl(2)G.6s SPJ E1</i>	1° 19′·17N., 104° 08′·50E.

II

4971 SINGAPORE STRAIT - Buoyage. (continued)

Chart 4042 [previous update 4927/18] WGS84 DATUM

Insert	 Fl.R.2s SPJ W2	1° 19′.45N., 104° 06′.31E.
	 Fl.G.2s SPJ W1	1° 19′.24N., 104° 06′.48E.
	 Fl(2)R.10s SPJ W4	1° 19′.94N., 104° 07′.13E.
	 Fl(2)G.10s SPJ W3	1° 19′.63N., 104° 07′.14E.
	 Fl.R.5s SPJ E3	1° 19′.26N., 104° 08′.00E.
	 Fl(2)R.6s SPJ E2	1° 18′.95N., 104° 08′.39E.
	 Fl(2)G.6s SPJ E1	1° 19′.17N., 104° 08′.50E.

Chart 4043 [previous update 4927/18] WGS84 DATUM

Insert	 Fl.R.2s SPJ W2	1° 19′.45N., 104° 06′.31E.
	 Fl.G.2s SPJ W1	1° 19′.24N., 104° 06′.48E.
	 Fl(2)R.10s SPJ W4	1° 19′.94N., 104° 07′.13E.
	 Fl(2)G.10s SPJ W3	1° 19′.63N., 104° 07′.14E.
	 Fl.R.5s SPJ E3	1° 19′.26N., 104° 08′.00E.
	 Fl(2)R.6s SPJ E2	1° 18′.95N., 104° 08′.39E.
	 Fl(2)G.6s SPJ E1	1° 19′.17N., 104° 08′.50E.

4863 CHINA - South Coast - Automatic Identification System.

Source: Chinese Notice 36/1506/18

Chart 3890 [previous update 4789/18] CGCS 2000 DATUM

Insert	Automatic Identification System, AIS, at light-buoy	20° 13′.91N., 110° 25′.64E.
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4892 CHINA - East Coast - NM Block.

Source: Chinese Chart 13391

Chart 1126 [previous update 4833/18] CGCS 2000 DATUM

Insert	the accompanying block, centred on:	29° 54′.6N., 122° 15′.1E.
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II

4893 CHINA - Bo Hai - Wrecks.

Source: Chinese Notice 36/1488/18

Chart 1249 [*previous update 4768/18*] CGCS 2000 DATUM

Delete



Rep (2017)

38° 34′·7N., 119° 25′·1E.

38° 33′·5N., 119° 32′·9E.

Chart 1250 [*previous update 4815/18*] CGCS 2000 DATUM

Delete



Rep (2017)

38° 34′·7N., 119° 25′·1E.

38° 33′·5N., 119° 32′·9E.

Chart 1256 [*previous update 4768/18*] WGS84 DATUM

Delete



Rep (2017)

38° 34′·7N., 119° 25′·1E.

38° 33′·5N., 119° 32′·9E.

4910 TAIWAN - Light.

Source: Taiwanese Notice 52/18

Chart 1761 [*previous update 4474/18*] WGS84 DATUM

Amend

range of light to, 12M

25° 08′·2N., 121° 17′·2E.

Chart 3658 [*previous update 4772/18*] WGS84 DATUM

Amend

range of light to, 12M

25° 08′·15N., 121° 17′·21E.

4946 CHINA - South Coast - Light.

Source: Chinese Notice 37/103/18

Chart 103 [*previous update 3952/18*] CGCS 2000 DATUM

Insert



Fl(2)6s11m8M

18° 26′·2N., 110° 08′·5E.

II

4950 CHINA - South Coast - Lights. Automatic Identification Systems.

Source: Chinese Notice 37/1536-1538/18

Chart 1784 [*previous update 4604/18*] CGCS 2000 DATUM

Insert	★ Mo(U)15s12m10M	(a) 22° 49′·70N., 116° 41′·40E.
	★ Mo(U)15s13m10M	(b) 22° 42′·16N., 116° 26′·41E.
		(c) 22° 39′·14N., 116° 16′·80E.
	Automatic Identification System, AIS, at light	(a) above
		(b) above
		(c) above

Chart 1792 [*previous update 4831/18*] CGCS 2000 DATUM

Insert	★ Mo(U)15s11m10M	(a) 23° 13′·17N., 117° 02′·70E.
	Automatic Identification System, AIS, at light	(a) above

4953 VIETNAM - Depths.

Source: VMS-South Notice 181/18

Chart 1100 [*previous update 3878/18*] WGS84 DATUM

Insert	depth, 1_4	10° 13′·54N., 106° 49′·91E.
	depth, 1_5	(a) 10° 13′·38N., 106° 50′·37E.
Delete	depth, 1_9 , close SE of:	(a) above

4957 CHINA - South Coast - Buoyage.

Source: Hong Kong Notice 17/45/18

Chart 4126 [*previous update 5640/17*] WGS84 DATUM

Replace	 with  Q.Y	22° 23′·02N., 114° 17′·40E.
		22° 23′·03N., 114° 17′·53E.
		22° 23′·04N., 114° 17′·64E.

4958 CHINA - East Coast - Wind turbine.

Source: Chinese Notice 37/1562(T)/18

Chart 1281 [*previous update 4629/18*] CGCS 2000 DATUM

Insert	symbol, wind turbine	33° 10′·88N., 121° 49′·93E.
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II

4960 CHINA - Yellow Sea Coast - Buoyage. Light.

Source: Chinese Notice 37/1535/18

Chart 841 [previous update 2714/18] CGCS 2000 DATUM

Insert	 Iso.G.4s15m8M	35° 06′·073N., 119° 24′·648E.
	 Fl.G.4s No 345	35° 06′·098N., 119° 25′·015E.
	 Q.G No 343	35° 05′·902N., 119° 25′·762E.
Move	 Q(3)10s No 341, from:	35° 05′·840N., 119° 26′·030E.
	to:	35° 05′·873N., 119° 25′·973E.
Delete	former  Iso.G.4s15m8M	35° 05′·838N., 119° 24′·403E.
	former  Fl.G.4s No 345	35° 05′·838N., 119° 25′·144E.
	former  Q.G No 343	35° 05′·808N., 119° 25′·710E.

Chart 880 [previous update 2714/18] CGCS 2000 DATUM

Insert	 Iso.G.4s8M	35° 06′·07N., 119° 24′·65E.
Move	 Q(3)10s No 341, from:	35° 05′·84N., 119° 26′·03E.
	to:	35° 05′·87N., 119° 25′·97E.
Delete	former  Iso.G.4s8M	35° 05′·84N., 119° 24′·40E.

4962 CHINA - South Coast - Buoyage. Legend.

Source: Chinese Notices 37/1542-1543/18

Chart 1728 [previous update 4130/18] CGCS 2000 DATUM

Insert	 Fl(2)5s D6	21° 03′·57N., 109° 35′·36E.
	 Fl(2)5s D7	21° 06′·36N., 109° 32′·62E.
	 Fl(2)5s D8	21° 07′·25N., 109° 32′·65E.
	 Fl(2)5s D9	21° 06′·93N., 109° 26′·64E.

Chart 3890 [previous update 4863/18] CGCS 2000 DATUM

Insert	 Fl(2)5s D3	20° 16′·99N., 109° 43′·51E.
	 Q D4	20° 15′·33N., 109° 47′·32E.
	 Q(6)+LFl.15s D5	20° 13′·84N., 109° 48′·70E.
	 Fl.G.4s No 1	20° 27′·12N., 109° 50′·70E.
	legend, Buoyed channel, centred on:	20° 27′·33N., 109° 51′·26E.
Delete	 Fl.G.4s	20° 27′·35N., 109° 53′·40E.

II

4962 CHINA - South Coast - Buoyage. Legend. (continued)

Chart 3892 [*previous update 4789/18*] CGCS 2000 DATUM

Insert



Fl(2)5s D9

21° 06′·9N., 109° 26′·6E.



Q(9)15s D1

20° 14′·7N., 109° 36′·1E.



Q(3)10s D2

20° 14′·2N., 109° 38′·7E.



Fl(2)5s D3

20° 17′·2N., 109° 43′·6E.



Q D4

20° 15′·3N., 109° 47′·3E.



Q(6)+*LFl*.15s D5

20° 13′·8N., 109° 48′·7E.

Chart 3990 [*previous update 4552/18*] WGS84 DATUM

Insert



Fl(2)5s D9

21° 06′·9N., 109° 26′·5E.



Fl(2)5s D8

21° 07′·2N., 109° 32′·6E.



Q(9)15s D1

20° 14′·7N., 109° 36′·1E.



Q(3)10s D2

20° 14′·2N., 109° 38′·7E.



Fl(2)5s D3

20° 16′·9N., 109° 43′·7E.



Q D4

20° 15′·4N., 109° 47′·4E.



Q(6)+*LFl*.15s D5

20° 13′·8N., 109° 48′·7E.

II

4976 MALAYSIA - Peninsular Malaysia, East Coast - Light-beacons. Buoy.

Source: Marine Department, Malaysia Notices 72/18 and 122/18

Chart 1379 [previous update 4056/18] WGS84 DATUM

Insert	 Fl(3)G.5s15m8M KP.7	3° 57′·57N., 103° 27′·44E.
	 Fl(3)R.5s15m8M KP.6	(a) 3° 56′·95N., 103° 27′·47E.
Delete	 Fl.R.5s8M No 2, close NE of:	(a) above
Insert	 Fl(2)G.5s15m8M KP.3	3° 56′·53N., 103° 29′·55E.
Delete	 Fl.G.5s No 1	3° 56′·95N., 103° 28′·01E.

Chart 1379 (Panel A, Kuantan Port) [previous update 4056/18] WGS84 DATUM

Insert	 Fl(3)G.5s15m8M KP.7	3° 57′·567N., 103° 27′·444E.
	 Fl(3)R.5s15m8M KP.6	(a) 3° 56′·947N., 103° 27′·471E.
Delete	 Fl.R.5s17m8M No 2, close NE of:	(a) above
	 Fl.G.5s No 1	3° 56′·949N., 103° 28′·011E.

Chart 3445 [previous update 4498/18] WGS84 DATUM

Delete	 Fl.R.5s8M	3° 57′·01N., 103° 27′·55E.
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Chart 3446 [previous update 4934/18] WGS84 DATUM

Delete	 Fl.R.5s8M	3° 57′·01N., 103° 27′·55E.
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4865 JAPAN - Honshū - NM Blocks. Foul. Wreck.

Source: Japanese Notice 38/661/18

Note: Former Notice 1303(T)/18 is cancelled.

Chart JP 70 [previous update New Edition 06/06/2018] WGS84 DATUM

Insert	#, enclosed by 10m contour,(7 ₅)	(a) 34° 54′·07N., 136° 47′·10E.
Delete	 Wk, close NE of:	(a) above

Chart JP 95 [previous update 3405/18] WGS84 DATUM

Insert	the accompanying block, centred on:	34° 53′·7N., 136° 47′·4E.
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Chart JP 1051 [previous update 3521/18] WGS84 DATUM

Insert	#, enclosed by 10m contour,(7 ₅)	(a) 34° 54′·07N., 136° 47′·10E.
Delete	 Wk, close NE of:	(a) above

Chart JP 1055B [previous update 143/18] WGS84 DATUM

Insert	the accompanying block, centred on:	34° 53′ 49·2"N., 136° 47′ 20·6"E.
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II

4866 JAPAN - Honshū - Buoyage.

Source: Japanese Notice 38/664/18

Chart JP 1051 [previous update 4865/18] WGS84 DATUM

Insert		34° 44′·43N., 137° 12′·35E. 34° 44′·41N., 137° 12′·51E.
Move	 , from: to:  , from: to:  , from: to:  , from: to:	34° 45′·76N., 137° 12′·64E. 34° 45′·43N., 137° 12′·57E. 34° 45′·73N., 137° 12′·80E. 34° 45′·41N., 137° 12′·73E. 34° 46′·74N., 137° 12′·84E. 34° 46′·44N., 137° 12′·78E. 34° 46′·72N., 137° 13′·01E. 34° 46′·42N., 137° 12′·95E.

Chart JP 1052 [previous update 3622/18] WGS84 DATUM

Insert	 Fl(2) G 6s No 1  Fl(2) R 6s No 2  Fl G 3s No 3  Fl R 3s No 4  Fl G 3s No 5  Fl R 3s No 6	34° 44′·43N., 137° 12′·35E. 34° 44′·41N., 137° 12′·51E. 34° 45′·43N., 137° 12′·57E. 34° 45′·41N., 137° 12′·73E. 34° 46′·44N., 137° 12′·78E. 34° 46′·42N., 137° 12′·95E.
Delete	former No 1 light-buoy former No 2 light-buoy, close SE of: former No 3 light-buoy former No 4 light-buoy, close SE of:	(a) 34° 45′·76N., 137° 12′·63E. (a) above (b) 34° 46′·75N., 137° 12′·84E. (b) above

II

4866 JAPAN - Honshū - Buoyage. (continued)

Chart JP 1057A [previous update 3622/18] WGS84 DATUM

Insert		<i>Fl(2) G 6s No 1</i>	34° 44' 25.9"N., 137° 12' 21.0"E.
		<i>Fl(2) R 6s No 2</i>	34° 44' 24.5"N., 137° 12' 30.7"E.
		<i>Fl G 3s No 3</i>	34° 45' 26.0"N., 137° 12' 34.0"E.
		<i>Fl R 3s No 4</i>	34° 45' 24.4"N., 137° 12' 43.6"E.
		<i>Fl G 3s No 5</i>	34° 46' 26.1"N., 137° 12' 47.0"E.
		<i>Fl R 3s No 6</i>	34° 46' 25.1"N., 137° 12' 56.7"E.
Amend		designation of light-buoy to, No 9	34° 47' 43.9"N., 137° 13' 03.3"E.
		designation of light-buoy to, No 10	34° 47' 42.5"N., 137° 13' 13.1"E.
		designation of light-buoy to, No 7	34° 47' 25.9"N., 137° 12' 59.9"E.
Replace		<i>Mo (A) G 8s No 1</i> , with 	34° 47' 42.0"N., 137° 12' 53.5"E.
		<i>Fl G 3s No 3</i> , with 	34° 48' 09.0"N., 137° 12' 18.0"E.
Delete		former No 3 light-buoy	34° 46' 44.6"N., 137° 12' 50.7"E.
		former No 4 light-buoy	34° 46' 43.3"N., 137° 13' 00.5"E.
		former No 1 light-buoy	34° 45' 45.5"N., 137° 12' 38.1"E.
		former No 2 light-buoy	34° 45' 43.9"N., 137° 12' 47.8"E.

Chart JP 1057B [previous update 3621/18] WGS84 DATUM

Insert		<i>Fl(2) G 6s No 1</i>	34° 44' 25.9"N., 137° 12' 21.0"E.
		<i>Fl(2) R 6s No 2</i>	34° 44' 24.5"N., 137° 12' 30.7"E.
		<i>Fl G 3s No 3</i>	34° 45' 26.0"N., 137° 12' 34.0"E.
		<i>Fl R 3s No 4</i>	34° 45' 24.4"N., 137° 12' 43.6"E.

4867 JAPAN - Kyūshū - Breakwaters. Jetty. Legend.

Source: Japanese Notice 38/666/18

Chart JP 1228 [previous update 2582/18] WGS84 DATUM

Insert	breakwater, single firm line, joining:	33° 47' 00"N., 130° 27' 32"E. 33° 47' 08"N., 130° 27' 27"E. and 33° 45' 80"N., 130° 28' 22"E. 33° 45' 85"N., 130° 28' 00"E. 33° 45' 92"N., 130° 27' 98"E.
	danger line, dotted line, joining:	(a) 33° 44' 45"N., 130° 27' 53"E. 33° 44' 37"N., 130° 27' 45"E.
	legend, <i>Submerged Jetty</i> , close W of:	(a) above

II

4868 JAPAN - Kyūshū - Breakwater.

Source: Japanese Notice 38/667/18

Chart JP 1228 [*previous update 4867/18*] WGS84 DATUM

Insert breakwater, single firm line, joining:

33° 35′·38N., 130° 06′·40E.
33° 35′·33N., 130° 06′·35E.
and
33° 37′·02N., 130° 09′·37E.
33° 36′·96N., 130° 09′·30E.
33° 36′·92N., 130° 09′·32E.
33° 36′·83N., 130° 09′·38E.

4887 KOREA - South Coast - Light.

Source: Korean Notice 37/730/18

Chart 1259 (Panel B, Busan) [*previous update 3984/18*] WGS84 DATUM

Insert ★ Fl.R.4s16m6M

35° 04′·08N., 129° 03′·85E.

4959 KOREA - South Coast - Buoy.

Source: Korean Notice 38/753/18

Chart 3390 (INT 5362) [*previous update 4642/18*] WGS84 DATUM

Delete  Fl.Y.4s

34° 52′·35N., 127° 45′·27E.

4968 KOREA - West Coast - Buoyage.

Source: Korean Notice 38/762/18

Chart 3642 (INT 5364) [*previous update 3435/18*] WGS84 DATUM

Delete  Fl(4)Y.8s D

37° 25′·573N., 126° 36′·028E.

 Fl(4)Y.8s C

37° 25′·390N., 126° 35′·903E.

4972 KOREA - West Coast - Light.

Source: Korean Notice 38/758/18

Chart 3365 (INT 5252) [*previous update 4654/18*] WGS84 DATUM

Insert ★ Fl.G.5s14m7M

34° 25′·14N., 126° 20′·69E.

Chart 3928 [*previous update 2997/18*] WGS84 DATUM

Insert ★ Fl.G.5s14m7M

34° 25′·14N., 126° 20′·69E.

II

4911 PHILIPPINE ISLANDS - Mindanao - Light.

Source: ENC PH5GSN40

Chart 957 (Panel, Makar Cove and General Santos (Dadiangas)) [*previous update 3244/18*] UNDETERMINED DATUM

Delete  Fl.5s8m5M 6° 05′·12N., 125° 09′·21E.

Chart 4419 [*previous update 2663/18*] WGS84 DATUM

Delete  Fl.5s5M 6° 05′·0N., 125° 09′·3E.

Chart 4420 [*previous update 3726/18*] WGS84 DATUM

Delete  Fl.5s5M 6° 05′·0N., 125° 09′·3E.

Chart 4468 [*previous update New Edition 19/04/2018*] WGS84 DATUM

Delete  Fl.5s5M 6° 05′·04N., 125° 09′·30E.

Chart 4469 [*previous update 2471/17*] WGS84 DATUM

Delete  Fl.5s8m5M 6° 05′·04N., 125° 09′·30E.

4920 MALAYSIA - Sarawak - Platform.

Source: Royal Malaysian Navy

Chart 3837 (INT 5709) [*previous update 2639/18*] WGS84 DATUM

Insert  SERENDAH 3° 20′·64N., 112° 40′·50E.

4934 MALAYSIA - Sabah - Submarine cable. Note. Well.

Source: Malaysian Notices 8/182-183/18

Note: Former Notice 5399(P)/16 is cancelled.

Chart 1338 [*previous update 4788/18*] WGS84 DATUM

Insert submarine cable, , joining:

5° 57′·0N., 116° 02′·6E.

5° 56′·7N., 116° 01′·7E.

5° 58′·0N., 115° 43′·1E.

5° 59′·2N., 115° 39′·2E.

6° 10′·5N., 115° 26′·6E.

6° 12′·1N., 115° 24′·1E.

6° 12′·1N., 115° 09′·9E.

6° 10′·8N., 115° 04′·9E.

II

4934 MALAYSIA - Sabah - Submarine cable. Note. Well. (continued)

Chart 2111 [*previous update New Edition 26/07/2018*] WGS84 DATUM

Insert submarine cable, , joining:

5° 57'·07N., 116° 02'·63E.
 5° 56'·66N., 116° 01'·68E.
 5° 57'·99N., 115° 43'·05E.
 5° 59'·18N., 115° 39'·20E.
 6° 06'·79N., 115° 30'·70E.

Chart 2112 [*previous update 2062/17*] WGS84 DATUM

Insert submarine cable, , joining:

5° 57'·94N., 115° 43'·66E.
 5° 57'·99N., 115° 43'·05E.
 5° 59'·18N., 115° 39'·20E.
 6° 10'·46N., 115° 26'·59E.
 6° 12'·07N., 115° 24'·05E.
 6° 12'·13N., 115° 10'·25E.

Replace the existing note, PIPELINES, with the accompanying note, SUBMARINE CABLES AND PIPELINES, centred on:

5° 58'·77N., 116° 23'·40E.

Chart 2414 [*previous update 4498/18*] WGS84 DATUM

Insert submarine cable, , joining:

4° 06'·6N., 103° 40'·3E.
 4° 08'·3N., 103° 41'·7E.
 4° 30'·4N., 105° 30'·8E.
 4° 32'·6N., 106° 04'·2E.
 4° 37'·6N., 106° 26'·9E.
 4° 37'·1N., 106° 52'·4E.
 4° 58'·0N., 107° 07'·4E.
 5° 21'·4N., 107° 49'·0E.

Chart 2422 [*previous update 4718/18*] WGS84 DATUM

Insert submarine cable, , joining:

4° 06'·3N., 103° 40'·1E.
 4° 08'·3N., 103° 41'·7E.
 4° 12'·6N., 103° 57'·4E.
 4° 30'·5N., 105° 30'·2E.
 4° 31'·1N., 105° 40'·0E.

Chart 2869 [*previous update 4718/18*] WGS84 DATUM

Insert submarine cable, , joining:

4° 24'·5N., 104° 59'·4E.
 4° 30'·5N., 105° 30'·2E.
 4° 32'·6N., 106° 04'·2E.
 4° 37'·6N., 106° 26'·9E.
 4° 37'·1N., 106° 52'·4E.
 4° 47'·3N., 106° 58'·1E.
 4° 50'·8N., 107° 03'·8E.
 4° 51'·6N., 107° 04'·0E.

II

4934 MALAYSIA - Sabah - Submarine cable. Note. Well. (continued)

Chart 3446 [*previous update 4056/18*] WGS84 DATUM

Insert submarine cable, , joining:

4° 06′·28N., 103° 40′·08E.
 4° 08′·27N., 103° 41′·69E.
 4° 12′·55N., 103° 57′·43E.
 4° 18′·26N., 104° 27′·00E.

Chart 3482 (INT 550) [*previous update 4498/18*] WGS84 DATUM

Insert submarine cable, , joining:

4° 06′·6N., 103° 40′·3E.
 4° 08′·3N., 103° 41′·7E.
 4° 30′·4N., 105° 30′·8E.
 4° 32′·6N., 106° 04′·2E.
 4° 37′·6N., 106° 26′·9E.
 4° 37′·1N., 106° 52′·4E.
 4° 58′·0N., 107° 07′·4E.
 5° 22′·2N., 107° 50′·2E.
 5° 22′·1N., 108° 17′·1E.
 5° 17′·5N., 108° 25′·2E.
 5° 50′·3N., 109° 46′·0E.
 5° 52′·2N., 110° 01′·3E.
 4° 38′·1N., 111° 36′·8E.

 Well

Chart 3483 (INT 551) [*previous update 4354/18*] WGS84 DATUM

Insert  Well

4° 38′·1N., 111° 36′·8E.

Chart 3626 [*previous update 2262/18*] WGS84 DATUM

Insert submarine cable, , joining:

5° 57′·07N., 116° 02′·64E.
 5° 56′·66N., 116° 01′·68E.
 5° 56′·99N., 115° 57′·00E.

4912 AUSTRALIA - Queensland - Light-beacon.

Source: Australian Notice 19/811/18

Chart Aus 236 (Panel, Manly Boat Harbour) [*previous update 3971/18*] WGS84 DATUM

Delete  Fl.Y.3s No9

27° 27′·13S., 153° 11′·49E.

II

4914 AUSTRALIA - Tasmania - Landmarks. Legend.

Source: Australian Notice 19/824/18

Chart Aus 167 [*previous update 963/18*] WGS84 DATUM

Delete  (R.Lts) (a) 41° 06'·17S., 146° 47'·02E.
, close S of: (a) above

Chart Aus 799 [*previous update 963/18*] WGS84 DATUM

Delete  (R.Lts) 41° 06'·19S., 146° 47'·01E.

4915 AUSTRALIA - Queensland - Buoy. Light-beacon.

Source: Australian Notice 19/808/18

Chart Aus 238 [*previous update 4701/18*] WGS84 DATUM

Replace  Fl.G.3s with  Fl.G.3s 27° 25'·664S., 153° 07'·790E.

4919 AUSTRALIA - Queensland - Light-beacon. Depth.

Source: Australian Notice 19/809/18

Chart Aus 237 [*previous update 4701/18*] WGS84 DATUM

Move  Fl.R.2·5s, from: 27° 23'·958S., 153° 09'·292E.
to: (a) 27° 23'·984S., 153° 09'·282E.
Delete depth, 4_g, close W of: (a) above

4933 AUSTRALIA - Western Australia - Legend.

Source: Australian Notice 19/816/18

Chart Aus 32 (Panel, Approaches to Wyndham Wharf) [*previous update 3988/18*] WGS84 DATUM

Delete legend, *Secondary Channel*, centred on: 15° 19'·95S., 128° 06'·72E.

II

4936 AUSTRALIA - Victoria - Light-beacons. Fish haven. Light.

Source: Australian Notices 19/820-821/18

Chart Aus 143 [*previous update 4702/18*] WGS84 DATUM

Insert	 Q	38° 06'·81S., 144° 37'·29E.
Amend	light to, Fl.G.6s	38° 06'·64S., 144° 39'·45E.

Chart Aus 157 [*previous update 4516/18*] WGS84 DATUM

Insert	 Q	38° 06'·85S., 144° 37'·19E.
		38° 06'·81S., 144° 37'·29E.
		38° 06'·84S., 144° 37'·25E.
Amend	light-beacon to, Fl.G.6s	38° 06'·64S., 144° 39'·45E.

4939 AUSTRALIA - New South Wales - NM Block.

Source: Australian Notice 19/807/18

Chart Aus 811 [*previous update 3877/17*] WGS84 DATUM

Insert	the accompanying block, centred on:	31° 42'·8S., 152° 57'·3E.
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4941 PAPUA NEW GUINEA - NM Block.

Source: Australian Notice 19/813/18

Chart Aus 680 (Panel, Simpson and Matupit Harbours) [*previous update 1281/17*] WGS84 DATUM

Insert	the accompanying block, centred on:	4° 12'·2S., 152° 10'·0E.
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4943 AUSTRALIA - South Australia - NM Block. Light.

Source: Australian Notice 19/817/18

Chart Aus 485 [*previous update 4699/18*] WGS84 DATUM

Delete	★ Fl.WR.9/7M	34° 29'·7S., 137° 28'·8E.
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Chart Aus 776 [*previous update 1109/18*] WGS84 DATUM

Insert	the accompanying block, centred on:	34° 29'·4S., 137° 23'·3E.
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Chart Aus 777 [*previous update 2789/18*] WGS84 DATUM

Insert	the accompanying block, centred on:	34° 27'·3S., 137° 23'·2E.
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II

4945 AUSTRALIA - South Australia - Depth. Pilot boarding place.

Source: Australian Notice 19/818/18

Chart Aus 135 (Panel, Whyalla) [previous update New Edition 13/07/2018] WGS84 DATUM

Insert	① Whyalla	33° 03′·800S., 137° 38′·800E.
Delete	former, ① Whyalla	33° 03′·449S., 137° 39′·011E.

Chart Aus 778 [previous update 4699/18] WGS84 DATUM

Move	① Whyalla (see Note), from:	33° 03′·44S., 137° 39′·01E.
	to:	(a) 33° 03′·80S., 137° 38′·80E.
Delete	depth, 18 ₂ , close E of:	(a) above

4964 AUSTRALIA - Queensland - Maritime limits. Legends.

Source: Australian Notice 19/810/18

Chart Aus 249 [previous update 3745/18] WGS84 DATUM

Insert	maritime limit, pecked line, joining:	21° 20′·98S., 149° 18′·53E. 21° 20′·00S., 149° 56′·00E. 21° 06′·58S., 149° 56′·00E.
	legend, Hay Point VTS Limit (see Note), centred on:	(a) 21° 01′·85S., 149° 50′·00E. 21° 20′·84S., 149° 21′·01E. 21° 20′·33S., 149° 41′·41E.
	legend, Hay Point VTS Limit (see Note), orientated S/N, centred on:	21° 16′·98S., 149° 55′·90E.
Delete	former maritime limit, pecked line, joining:	21° 19′·99S., 149° 17′·94E. 21° 19′·99S., 149° 54′·99E. 21° 06′·57S., 149° 54′·99E.
	former legend, Hay Point VTS Limit (see Note), centred on:	(a) above 21° 03′·36S., 149° 51′·45E. 21° 19′·92S., 149° 54′·14E.

II

4964 AUSTRALIA - Queensland - Maritime limits. Legends. (continued)

Chart Aus 823 [previous update 3745/18] WGS84 DATUM

Insert	maritime limit, pecked line, joining:	21° 20′.98S., 149° 18′.53E. 21° 20′.00S., 149° 56′.00E. 21° 06′.58S., 149° 56′.00E. (a) 21° 01′.85S., 149° 50′.00E. 21° 20′.19S., 149° 42′.94E.
	legend, <i>Hay Point VTS Limit (see Note)</i> , centred on: legend, <i>Hay Point VTS Limit (see Note)</i> , orientated S/N, centred on:	21° 10′.32S., 149° 55′.82E.
Delete	former maritime limit, pecked line, joining:	21° 20′.00S., 149° 17′.94E. 21° 20′.00S., 149° 55′.00E. 21° 06′.57S., 149° 55′.00E. (a) above
	former legend, <i>Hay Point VTS Limit (see Note)</i> , centred on:	21° 19′.80S., 149° 49′.68E.

Chart Aus 824 [previous update 3745/18] WGS84 DATUM

Insert	maritime limit, pecked line, joining:	21° 05′.30S., 149° 54′.37E. (a) 21° 01′.85S., 149° 50′.00E.
Delete	former maritime limit, pecked line, joining:	(a) above 21° 05′.30S., 149° 53′.64E.

4913 SOUTH PACIFIC OCEAN - Solomon Islands - Beacons. Depths. Legend.

Source: Australian Notice 19/825/18

Chart SLB 201 [previous update 4712/18] WGS84 DATUM

Insert		(a) 9° 08′.05S., 160° 12′.59E.
Delete	 , close NW of:	(a) above
Insert		(b) 9° 07′.34S., 160° 11′.63E.
Delete	depth, 25, close NE of:	(b) above
Insert		9° 06′.62S., 160° 10′.36E. 9° 03′.55S., 160° 18′.15E.
Replace	 , with 	9° 06′.39S., 160° 10′.97E.
	 , with 	(c) 9° 06′.48S., 160° 11′.42E.
Delete	depth, 29, close NE of:	(c) above

4916 SOUTH PACIFIC OCEAN - Solomon Islands - Buoyage.

Source: Australian Notice 19/826/18

Chart SLB 101 (Panel, Marau Sound) [previous update New Edition 06/04/2018] WGS84 DATUM

Insert	 Fl.G.3s	9° 46′.54S., 160° 50′.48E.
	 Fl.R.3s	9° 46′.81S., 160° 51′.08E. 9° 49′.36S., 160° 50′.83E.

II

4969 SOUTH PACIFIC OCEAN - Fiji Islands - Depth.

Source: Fiji Coastal Navigational Warning 48/18

Chart 4060 (INT 60) [*previous update 3049/17*] WGS84 DATUM

Insert



14° 56′·5S., 174° 50′·8E.

Chart 4061 (INT 61) [*previous update 2278/17*] WGS84 DATUM

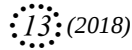
Insert



14° 56′·5S., 174° 50′·8E.

Chart 4604 (INT 604) [*previous update 3479/18*] WGS84 DATUM

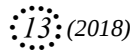
Insert



14° 56′·5S., 174° 50′·8E.

Chart 4605 (INT 605) [*previous update 738/17*] WGS84 DATUM

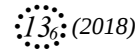
Insert



14° 56′·5S., 174° 50′·8E.

Chart 4633 (INT 633) [*previous update 694/18*] WGS84 DATUM

Insert



14° 56′·5S., 174° 50′·8E.

4954 ECUADOR - NM Block.

Source: ENC EC61001A

Chart 2799 (Panel E, Esmeraldas) [*previous update 4609/18*] WGS84 DATUM

Insert

the accompanying block, centred on:

0° 59′·6N., 79° 38′·7W.

4861 ARGENTINA - Buoyage.

Source: Argentine Notice 9/142/18

Chart 1327 [*previous update 4566/18*] WGS84 DATUM

Insert



Fl(4)G.16s Km 292·5

(a) 33° 37′·67S., 59° 44′·92W.



Fl(4)R.16s Km 291·2

(b) 33° 37′·60S., 59° 44′·22W.

Delete



Fl(4)R.16s Km 292, close NE of:

(a) above



Fl(4)G.16s Km 291·2, close SW of:

(b) above

II

4891 ARGENTINA - Buoyage.

Source: Argentine Notice 9/141/18

Chart 1335 (Panel A, Continuation of Río Paraná) [previous update 3118/18] WGS84 DATUM

Insert	 Fl(4)G.16s Km 514.4	32° 12'·50S., 60° 41'·02W.
	 Fl(4)R.16s Km 513.4	32° 13'·07S., 60° 40'·83W.
	 Fl(4)G.16s Km 511.6	(a) 32° 13'·97S., 60° 40'·44W.
Delete	 Fl(4)G.16s Km 511.8, close NW of:	(a) above
Insert	 Fl(4)G.16s Km 509.6	(b) 32° 14'·98S., 60° 40'·38W.
Delete	 Fl(4)G.16s Km 509.1, close SW of:	(b) above

4952 BRAZIL - East Coast - Depths.

Source: Brazilian Notice 17/117/18

Chart 551 (Panel A, Barra do Riacho) [previous update New Edition 12/07/2018] WGS84 DATUM

Insert	depth, 13 ₅	19° 50'·331S., 40° 03'·532W.
	depth, 13 ₁	(a) 19° 50'·389S., 40° 03'·531W.
Delete	depth, 12 ₈ , close E of:	(a) above
Insert	depth, 13 ₁	(b) 19° 50'·434S., 40° 03'·471W.
Delete	depth, 12 ₈ , close SE of:	(b) above
Insert	depth, 11 ₄	19° 50'·573S., 40° 03'·538W.
	depth, 10 ₉	(c) 19° 50'·647S., 40° 03'·543W.
Delete	depth, 12 ₅ , close E of:	(c) above
Insert	depth, 9 ₁ , and extend 10m contour S to enclose	(d) 19° 50'·652S., 40° 03'·270W.
Delete	depth, 10 ₁ , close W of:	(d) above
Replace	depth, 13 ₄ , with depth, 13 ₁	19° 50'·538S., 40° 03'·404W.

4901 UNITED STATES OF AMERICA - Gulf of Mexico - Dredged depth.

Source: US Coast Guard District 8 LNM 35/11311/18

Chart 3184 (Panel A, Port Aransas to Corpus Christi) [previous update New Edition 27/09/2018] NAD83 DATUM

Amend	dredged depth to, 13ft for a width of 50ft (2018), centred on:	27° 49'·21N., 97° 21'·59W.
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II

4903 WEST INDIES - Trinidad and Tobago - Platform.

Source: Trinidad and Tobago Ministry of Works and Transport Navigational Warning 57/18

Chart 501 [*previous update 2459/17*] WGS84 DATUM

Insert	 Angelin	10° 21'·90N., 60° 36'·21W.
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Chart 1044 [*previous update 3012/18*] WGS84 DATUM

Insert	 Angelin	10° 21'·9N., 60° 36'·2W.
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Chart 1045 [*previous update 3682/16*] WGS84 DATUM

Insert	 Angelin	10° 21'·9N., 60° 36'·2W.
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4955 UNITED STATES OF AMERICA - Gulf of Mexico - Dredged depth. Channel depths.

Source: US Coast Guard District 8 LNM 35/11309-A/18 and 35/11311-11312/18

Note: Former Notice 4689(P)/18 is cancelled.

Chart 3184 (Panel A, Port Aransas to Corpus Christi) [*previous update 4901/18*] NAD83 DATUM

Amend	dredged depth to, <i>Aransas Channel 9ft (2018) (marked)</i> , centred on:	27° 52'·53N., 97° 05'·48W.
Replace	existing table with the accompanying table, CHANNEL DEPTHS (Corpus Christi Channel), centred on:	27° 52'·1N., 97° 12'·3W.

Chart 3184 (Panel B, Corpus Christi Harbor) [*previous update 4901/18*] NAD83 DATUM

Replace	existing table with the accompanying table, CHANNEL DEPTHS (Corpus Christi), centred on:	27° 50'·2N., 97° 28'·3W.
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4970 VENEZUELA - Light.

Source: Venezuelan Notice 57/18

Chart 483 [*previous update 1287/18*] UNDETERMINED DATUM

Amend	range of light to, 25M	10° 38'·28N., 61° 52'·04W.
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Chart 1044 [*previous update 4903/18*] WGS84 DATUM

Amend	range of light to, 25M	10° 38'·3N., 61° 52'·0W.
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4974 UNITED STATES OF AMERICA - Gulf of Mexico - Lights.

Source: US Coastguard District 8 LNM 35/11309/18

Chart 3184 (Panel A, Port Aransas to Corpus Christi) [*previous update 4955/18*] NAD83 DATUM

Insert	★ Iso.G.6s127ft	27° 52'·33N., 97° 14'·42W.
Amend	light to, Iso.G.6s65ft & Q.G.39ft	27° 52'·89N., 97° 17'·09W.
	light to, Iso.G.6s93ft & Fl.G.6s63ft	27° 52'·95N., 97° 17'·38W.

II

4885 UNITED STATES OF AMERICA - East Coast - Obstructions. Depth.

Source: US Coast Guard District 5 LNM 37/12200/18

Chart 2710 [*previous update 4143/18*] UNDETERMINED DATUM

Insert	 <i>Obstn Rep(1933)</i>	38° 30′·0N., 74° 10′·0W.
	 <i>Obstn Rep(1919)</i>	36° 40′·0N., 75° 15′·0W. 36° 50′·0N., 75° 04′·0W. 36° 48′·0N., 74° 31′·0W. 36° 45′·0N., 73° 50′·0W.
Replace	depth, 15, with  <i>Obstn Rep(1929)</i>	37° 30′·0N., 75° 07′·5W.

Chart 2861 [*previous update 4754/18*] NAD83 DATUM

Insert	 <i>Unexploded Ordnance Rep(1933)</i>	38° 30′·0N., 74° 10′·0W.
	 <i>Unexploded Ordnance Rep(1929)</i>	37° 30′·0N., 75° 07′·5W.
	 <i>Obstn Rep(1919) PA</i>	36° 40′·0N., 75° 15′·0W.
	 <i>Unexploded Ordnance Rep(1919)</i>	36° 50′·0N., 75° 04′·0W. 36° 48′·0N., 74° 31′·0W. 36° 45′·0N., 73° 50′·0W.

4905 CANADA - Newfoundland and Labrador - Submarine power cables.

Source: UKHO

Note: ***Certain Copies Only***

Chart 2666 [*previous update 4738/18*] WGS84 DATUM

Insert	submarine power cable,    , joining:	47° 05′·9N., 56° 22′·8W. 47° 08′·2N., 56° 08′·2W. 46° 50′·2N., 56° 08′·4W. 46° 46′·9N., 56° 04′·5W. 46° 45′·1N., 56° 08′·1W. 46° 46′·1N., 55° 57′·9W.
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II

4928(P)/18 ENGLAND - East Coast - Depths.

Source: Trinity House

- Depths less than charted exist within Holm Channel and Corton Road. The most significant are as follows:

<i>Depth</i>	<i>Position</i>
5.3m	52° 30'·53N., 1° 46'·98E.
5.2m	52° 30'·98N., 1° 46'·81E.
9.7m	52° 32'·46N., 1° 48'·75E.
9.1m	52° 32'·60N., 1° 48'·49E.
9.9m	52° 33'·46N., 1° 47'·34E.

- Mariners are advised to navigate with caution in the area.
- Charts 1534, 1535 and 1543 will be updated by Notice to Mariners following New Edition publication on 11 October 2018. (ETRS89 DATUM)

Charts affected - 1534 (INT 1558) - 1535 (INT 1559) - 1543

4951(T)/18 NORWEGIAN SEA - Svalbard - Measuring instruments.

Source: Norwegian Notice 17/59281(T)/18

- Unmarked subsurface ODAS measuring instruments have been established in the following positions:

<i>Position</i>	<i>Depth Below Surface</i>	<i>Largest Scale Chart</i>
79° 00'·7N., 7° 02'·1E.	153m	3136
79° 00'·0N., 8° 32'·5E.	On the seabed	3136
79° 00'·0N., 8° 19'·7E.	40m	3136
79° 00'·1N., 7° 59'·7E.	40m	3136
79° 00'·0N., 7° 00'·0E.	53m	3136
79° 10'·0N., 6° 20'·0E.	60m	3136
76° 26'·3N., 13° 56'·7E.	800m	3137
79° 00'·7N., 6° 57'·8E.	18m	3136
72° 03'·2N., 14° 43'·6E.	100m above the seabed	2683
78° 29'·2N., 2° 28'·5W.	149m	4010

- Vessels trawling are requested to maintain a safe distance.
- Former Notices 4478(T)/15, 4447(T)/16 and 5401(T)/16 are cancelled. (WGS84 Datum)

Charts affected - 2683 - 3136 (INT 9313) - 3137 (INT 9311) - 4010 (INT 10)

4940(T)/18 GERMANY - Baltic Coast - Light. Measuring instrument.

Source: German Notice 37/1513(T)/18

- An ODAS measuring instrument has been deployed, until further notice, in position 53° 48'·00N., 14° 15'·60E.
- The measuring instrument is marked by a lit yellow post with a X-topmark, Fl(5)Y.20s. (WGS84 DATUM)

Chart affected - 2677 (INT 1297)

II

4902(P)/18 GERMANY - North Sea Coast - Note.

Source: German Notice 35/20061/18

1. Updated Section: GENERAL INFORMATION Text Box, Extraordinarily large vessels
Replace:

Extraordinarily large vessels are defined as those exceeding the following dimensions:

- Length: 400m; bulk carriers 350m
- Beam: 60m
- Draught: inward bound 18m, outward bound 17m

With:

Extraordinarily large vessels are defined as those exceeding the following dimensions:

- *• Length: 430m; bulk carriers 350m
- *• Beam: 65m; bulk carriers 60m
- Draught: inward bound 18m, outward bound 17m
- * Indicates new or revised entry.

Chart affected - 8135

4890(T)/18 PORTUGAL - West Coast - Buoy.

Source: Portuguese Notice 8/222(T)/18

1. The light-buoy, *Q.G.3M No 1 CS*, in position 38° 27'·922N., 8° 49'·718W. has been temporarily removed.
(WGS84 DATUM)

Charts affected - 3259 (INT 1880) - 3260 (INT 1881)

4937(P)/18 FRANCE - West Coast - Buoy.

Source: French Notice 37/56/18

- 1.

<i>Update Feature</i>	<i>Position</i>
Delete isolated danger light-buoy, <i>Swansea Vale</i> , and associated Automatic Identification System, <i>AIS</i>	48° 18'·28N., 4° 38'·84W.

Chart affected - 8247

4896(T)/18 UKRAINE - Buoy. Spoil ground.

Source: Ukrainian Notice 33/410(T)/18

1. A spoil ground has been established within an area bounded by the following positions:

46° 49'·74N., 31° 54'·49E.

46° 49'·64N., 31° 54'·71E.

46° 49'·16N., 31° 54'·29E.

46° 49'·26N., 31° 53'·99E.

2. An unlit special purpose buoy has been established in position: 46° 49'·62N., 31° 54'·52E.
(WGS84 DATUM)

Chart affected - 2203

II

4897(P)/18 TURKEY - West Coast - Anchorage areas.

Source: Turkish Notice 35/171/18

1.

<i>Update</i>	<i>Feature</i>		<i>Position</i>
Insert	limit of anchorage area, pecked line, joining:	(a)	38° 53'·00N., 26° 59'·50E.
		(b)	38° 53'·00N., 27° 00'·80E.
		(c)	38° 52'·60N., 27° 00'·80E.
		(d)	38° 52'·20N., 26° 59'·50E.
	symbol, explosives anchorage, No 8, within: limit of anchorage area, pecked line, joining:		(a)-(d) above
		(e)	38° 53'·00N., 26° 56'·00E.
Delete	former limit of anchorage area, pecked line, joining:		38° 53'·70N., 26° 56'·00E.
			38° 53'·70N., 26° 57'·80E.
		(f)	38° 53'·00N., 26° 57'·80E.
			(e) above
			(f) above

Chart affected - 8110

4907(T)/18 UKRAINE - Buoy.

Source: Ukrainian Notice 33/409(T)/18

1. The south cardinal light-buoy, Q(6)+LFl.15s No 10, in position 46° 19'·810N., 30° 39'·567E. is reported missing.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Chart affected - 2243

II

4924(P)/18 TANZANIA - Depths. Lights. Buoyage. Beacons. Leading line. Submarine pipelines. Jetty. Rocks.

Source: Indian Chart 2693 and UKHO

1. Numerous changes to charted detail within Tanga Port and its approaches have been reported. The most significant are as follows:
2. Depths less than charted have been reported in the following positions:

Depth	Position
16.0m	5° 01' 393S., 39° 10' 501E.
0.2m	5° 01' 986S., 39° 08' 715E.
15.8m	5° 02' 104S., 39° 10' 374E.
4.6m	5° 02' 216S., 39° 09' 258E.
7.7m	5° 02' 871S., 39° 08' 746E.
11.1m	5° 02' 873S., 39° 09' 722E.
7.2m	5° 03' 088S., 39° 08' 703E.
6.5m	5° 03' 205S., 39° 09' 665E.
3.5m	5° 03' 539S., 39° 09' 490E.
21m	5° 03' 628S., 39° 10' 618E.
4.9m	5° 03' 633S., 39° 08' 340E.
5.0m	5° 03' 748S., 39° 09' 400E.
8.5m	5° 04' 038S., 39° 09' 643E.
13.1m	5° 04' 121S., 39° 10' 238E.
15.6m	5° 04' 178S., 39° 10' 514E.

3. Numerous navigational aids are reported to be in different positions to those charted, the most notable being:

Feature	Character	Former Position	New Position
Front leading light	Fl.2s11m7M	5° 03' 260S., 39° 06' 636E.	5° 03' 268S., 39° 06' 634E.
Rear leading light	Fl.7s8M	5° 03' 281S., 39° 06' 607E.	5° 03' 283S., 39° 06' 613E.
Front leading mark	White beacon	5° 03' 710S., 39° 06' 786E.	5° 03' 728S., 39° 06' 789E.
Rear leading mark	White beacon	5° 03' 740S., 39° 06' 775E.	5° 03' 761S., 39° 06' 774E.
Front leading light	Q	5° 03' 847S., 39° 05' 988E.	5° 03' 875S., 39° 05' 987E.
Rear leading light	Fl.5s	5° 03' 949S., 39° 05' 747E.	5° 03' 973S., 39° 05' 768E.
Isolated danger buoy	Fl(2)10s	5° 03' 666S., 39° 09' 550E.	5° 03' 633S., 39° 09' 474E.
*Lit Beacon	Fl.G.6s7m	5° 02' 444S., 39° 09' 820E.	5° 02' 439S., 39° 09' 856E.
*Buoy	Q.G	5° 03' 250S., 39° 06' 939E.	5° 03' 225S., 39° 06' 876E.
*Light	F.R	5° 03' 921S., 39° 06' 345E.	5° 03' 932S., 39° 06' 359E.

4. The lights in position 5° 03' 871S., 39° 06' 453E. and 5° 03' 991S., 39° 06' 357E. and associated leading line are reported to have been removed.
5. Two submarine pipelines are reported to have been laid joining the following positions:

5° 03' 903S., 39° 05' 659E.
 5° 03' 875S., 39° 05' 702E.
 5° 03' 466S., 39° 06' 721E.
 and
 5° 03' 375S., 39° 07' 764E.
 5° 03' 184S., 39° 07' 820E.

6. Mooring buoys are reported to have been established in the following positions:

5° 03' 478S., 39° 06' 646E.
 5° 03' 513S., 39° 06' 673E.
 5° 03' 436S., 39° 06' 688E.
 5° 03' 410S., 39° 06' 736E.
 5° 03' 057S., 39° 07' 798E.
 5° 03' 213S., 39° 07' 935E.

7. The jetty in the vicinity of position 5° 03' 280S., 39° 07' 869E. is reported destroyed.
8. *The lateral buoy, Fl(2)R.10s PA, in position 5° 03' 027S., 39° 07' 174E. has reportedly been replaced by a mooring buoy.

II

4924(P)/18 TANZANIA - Depths. Lights. Buoyage. Beacons. Leading line. Submarine pipelines. Jetty. Rocks. (continued)

9. *Numerous dangerous underwater rocks have been reported to exist in the approaches to Tanga, the most significant of which are in the following positions:

4° 55'·71S., 39° 15'·94E.
 4° 55'·91S., 39° 15'·57E.
 4° 56'·06S., 39° 15'·27E.
 4° 56'·31S., 39° 14'·76E.
 4° 56'·51S., 39° 14'·81E.
 4° 56'·71S., 39° 14'·79E.
 4° 57'·13S., 39° 14'·24E.
 4° 57'·36S., 39° 14'·27E.
 4° 57'·67S., 39° 12'·62E.
 4° 58'·00S., 39° 12'·77E.
 4° 58'·11S., 39° 12'·73E.
 4° 58'·79S., 39° 12'·67E.
 5° 02'·46S., 39° 09'·65E.

10. Mariners are advised to navigate with caution in this area and consult the local port authorities for the latest information.
 11. Charts will be updated when full details are available.
 12. * Indicates new or revised entry.
 13. Former Notice 1433(P)/18 is cancelled.
 (WGS84 DATUM)

Charts affected - 663 (INT 7698) - 3310 (INT 7690) - 3361 (INT 7700)

4921(T)/18 BANGLADESH - Wreck.

Source: Bangladeshi Hydrographic and Oceanographic Centre Notice 19(T)/18

1. A stranded wreck exists in position 22° 18'·6N., 91° 26'·1E.
 2. Mariners are advised to navigate with caution in the area.
 (WGS84 DATUM)

Chart affected - 90

4925(P)/18 SINGAPORE - Breakwater.

Source: Maritime and Port Authority of Singapore

1.

<i>Update</i>	<i>Feature</i>	<i>Position</i>
Insert	breakwater, single firm line, joining:	1° 18'·68N., 103° 59'·37E. 1° 18'·63N., 103° 59'·21E.

Chart affected - 8177

II

4930(P)/18 MALAYSIA - Peninsular Malaysia, West Coast - Pilot boarding place.

Source: Malaysian Notice 8/178/18

1.

<i>Update</i>	<i>Feature</i>	<i>Position</i>
Insert	Pilot boarding place, <i>Tanjung Pelepas</i>	1° 13'·93N., 103° 31'·87E.
Delete	Pilot boarding place, <i>Tanjung Pelepas</i>	1° 14'·70N., 103° 32'·09E.

Chart affected - 8284

4889(P)/18 CHINA - East Coast - Depths. Works.

Source: Chinese Chart 13391

1. Depths less than charted exist within Shenjiamen Nagangqu. The most significant are as follows:

<i>Depth (m)</i>	<i>Position</i>
9·7	29° 54'·39N., 122° 15'·53E.
8·7	29° 55'·37N., 122° 13'·34E.
9·5	29° 54'·86N., 122° 13'·71E.
10·9	29° 54'·56N., 122° 13'·61E.
10·3	29° 54'·65N., 122° 14'·49E.
9·7	29° 55'·83N., 122° 15'·27E.

2. Works have been completed in the vicinity of position 29° 57'·51N., 122° 11'·40E.

3. These and other changes will be included in a New Edition of Chart 1130 to be published 15 November 2018.
(CGCS 2000 DATUM)

Chart affected - 1130

II

4904(P)/18 CHINA - Yellow Sea Coast - Note.

Source: Chinese Chart 12571

1. Updated Section: BERTH INFORMATION Text Box

Replace:

Rizhao Coal Terminal Wharf (35° 21′·99N., 119° 34′·27E.)

- The coal wharf, at the head of an L-shaped jetty about 470m in length, provides a berth on each side, with charted depths from 13·2 to 15·6m. The terminal can handle vessels with a maximum LOA 291m and 125 000dwt.

New Port Facility

- A port facility with about 1800m of berth space handling solid bulk cargoes lies on reclaimed land in the vicinity of 35° 18′·63N., 119° 31′·29E. Charted depths alongside range from 9·5 to 15·5m.

With:

Rizhao Coal Pier (35° 21′·99N., 119° 34′·27E.)

- The coal wharf, at the head of an L-shaped jetty about 470m in length, provides a berth on each side, with charted depths from 13·2 to 15·6m. The terminal can handle vessels with a maximum LOA 291m and 125 000dwt.

***South Port** (35° 18′·46N., 119° 30′·95E.)

- South Port is undergoing further expansion (2017) and is accessed through its own buoyed (lit) channel. The Coke Wharf is 1760m in length and has eight berths with maximum depths alongside of 5·5 m

* Indicates new or revised entry.

Chart affected - 8168

II

4906(P)/18 CHINA - East Coast - Note.

Source: Chinese Chart 13179

- Updated Section: **ANCHORAGES** Text Box, **River anchorages**
Replace:

•Beicao Shuidao

Anchorage	Position	Remarks
Beicao Anchorage	31° 15'·00N., 122° 02'·55E.	2·9 to 11·7m. A waiting anchorage for large vessels awaiting the tide or visibility improvement.
Hengsha East Anchorage	31° 17'·00N., 121° 51'·00E.	7 to 9·8m. For large vessels waiting for the tide, berthing instructions or weather improvement.
Hengsha Tanker and Dangerous Cargo Anchorage	31° 17'·80N., 121° 48'·80E.	4·6 to 12·1m. For tankers and dangerous cargoes. Maximum stay 72 hours.
Henghsa West	31° 18'·40N., 121° 46'·50E.	6·8 to 13·1m. For large vessels waiting for the tide, berthing instructions or weather improvement.
Yuanyuansha Large Vessel Emergency Anchorage	31° 18'·30N., 121° 44'·00E.	11 to 13·2 m. Bounded by D42, Q35, A51 and A53 light buoys (lateral).

With:

•Beicao Shuidao

Anchorage	Position	Remarks
Hengsha Tanker and Dangerous Cargo Anchorage	31° 17'·00N., 121° 51'·00E.	8 to 10m. Vessels carrying dangerous goods or explosives.
Hengsha East	31° 17'·80N., 121° 48'·80E.	5 to 11m. Unrestricted.
Henghsa West	31° 18'·40N., 121° 46'·60E.	8 to 15m. Unrestricted.
Yuanyuansha Emergency Anchorage	31° 18'·30N., 121° 44'·00E.	11 to 13m. Bounded by D42, Q35, A51 and A53 light-buoys (lateral).

- Former Notice 3927(P)/18 is cancelled.

Chart affected - 8126

4908(T)/18 CHINA - Bo Hai - Breakwaters. Works.

Source: Chinese Notices 36/1524(T)-1525(T)/18

- Breakwater construction works are taking place, within areas bounded by the following positions:

39° 12'·392N., 119° 04'·672E.
 39° 12'·603N., 119° 04'·483E.
 39° 13'·530N., 119° 06'·210E.
 39° 14'·250N., 119° 05'·572E.
 39° 14'·395N., 119° 05'·842E.
 39° 13'·463N., 119° 06'·668E.
 and
 39° 11'·153N., 119° 01'·917E.
 39° 10'·983N., 119° 02'·068E.
 39° 12'·463N., 119° 04'·822E.
 39° 12'·635N., 119° 04'·670E.

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

II

4908(T)/18 CHINA - Bo Hai - Breakwaters. Works. (continued)

3. Former Notice 5053(T)/16 is cancelled.
4. NOTE: Content of Notice unchanged, re-issued to include Chart 8142 (CGCS 2000 DATUM)

Charts affected - 2641 - 2642 - 8142

4935(P)/18 TAIWAN - Foul.

Source: Taiwanese Notice 51/18

- 1.

<i>Update</i>	<i>Feature</i>	<i>Position</i>
Insert	Foul	25° 10′.50N., 121° 21′.30E.

Chart affected - 8062

4869(T)/18 JAPAN - Honshū - Buoy.

Source: Japanese Notice 38/5460(T)/18

1. Until further notice, the special light-buoy, *Fl(5)Y 20s* in position 33° 28′.18N., 134° 28′.78E. has been removed. (WGS84 DATUM)

Charts affected - 1648 - JP 77 - JP 108

4870(P)/18 JAPAN - Seto Naikai - Submarine cable.

Source: Japanese Notice 38/5461(P)/18

1. A submarine cable has been laid, joining the following positions:

33° 17′.9N., 134° 11′.3E.
33° 17′.7N., 134° 12′.7E.
33° 18′.0N., 134° 14′.4E.
33° 17′.9N., 134° 16′.5E.
33° 17′.5N., 134° 17′.4E.
33° 15′.3N., 134° 19′.6E.
33° 14′.4N., 134° 20′.1E.
33° 06′.1N., 134° 22′.7E.
33° 03′.3N., 134° 22′.4E.
33° 01′.6N., 134° 20′.6E.
32° 59′.1N., 134° 19′.9E.
32° 56′.3N., 134° 20′.6E.
32° 55′.1N., 134° 21′.7E.
32° 52′.5N., 134° 22′.0E.

2. Charts will be updated by Notice to Mariners. (WGS84 DATUM)

Charts affected - JP 77 - JP 108

II

4871(T)/18 JAPAN - Seto Naikai - Buoy.

Source: Japanese Notice 38/5463(T)/18

1. Until further notice, the isolated danger light-buoy *Fl(2)5s*, in position $34^{\circ} 06' 09.7''\text{N}$., $135^{\circ} 06' 07.0''\text{E}$. has been removed.
(WGS84 DATUM)

Charts affected - JP 106 - JP 150C - JP 1144

4872(T)/18 JAPAN - Seto Naikai - Buoyage.

Source: Japanese Notice 38/5464(T)/18

1. Light-buoys in Izumi-Sano Passage have been moved as follows:

<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
<i>No 1</i>	$34^{\circ} 27' 20''\text{N}$., $135^{\circ} 19' 14''\text{E}$.	about 71m NNE of charted.
<i>No 2</i>	$34^{\circ} 27' 20''\text{N}$., $135^{\circ} 19' 05''\text{E}$.	about 214m NNE of charted.
<i>No 3</i>	$34^{\circ} 26' 47''\text{N}$., $135^{\circ} 19' 14''\text{E}$.	about 54m NNE of charted.
<i>No 4</i>	$34^{\circ} 26' 47''\text{N}$., $135^{\circ} 19' 04''\text{E}$.	about 29m NNE of charted.

(WGS84 DATUM)

Charts affected - JP 1103 - JP 1141

4873(T)/18 JAPAN - Seto Naikai - Buoy.

Source: Japanese Notice 38/5465(T)/18

1. The light-buoy, *Fl R 3s No 6* in position $34^{\circ} 30' 03''\text{N}$., $135^{\circ} 22' 01''\text{E}$. has been moved 34m ENE of the charted position.
(WGS84 DATUM)

Charts affected - JP 1103 - JP 1141

4874(T)/18 JAPAN - Seto Naikai - Buoyage.

Source: Japanese Notice 38/5466(T)/18

1. Light-buoys have been moved as follows:

<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
<i>S No 3</i>	$34^{\circ} 33' 03''\text{N}$., $135^{\circ} 23' 10''\text{E}$.	about 89m NE of charted
<i>S No 4</i>	$34^{\circ} 32' 57''\text{N}$., $135^{\circ} 22' 58''\text{E}$.	about 164m NNE of charted
<i>No 4</i>	$34^{\circ} 32' 15''\text{N}$., $135^{\circ} 22' 37''\text{E}$.	about 255m NE of charted

(WGS84 DATUM)

Charts affected - JP 1103 - JP 1110

II

4875(T)/18 JAPAN - Seto Naikai - Buoyage.

Source: Japanese Notice 38/5467(T)/18

1. Light-buoys in Sakai Passage have been moved as follows:

<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
<i>No 1</i>	34° 36' 30"N., 135° 22' 21"E.	about 66m NNE of charted.
<i>No 2</i>	34° 36' 21"N., 135° 22' 21"E.	about 74m NNE of charted.
<i>No 3</i>	34° 36' 30"N., 135° 22' 57"E.	about 450m NE of charted.
<i>No 4</i>	34° 36' 21"N., 135° 22' 57"E.	about 520m NNE of charted.
<i>No 6</i>	34° 36' 21"N., 135° 23' 28"E.	about 40m NNW of charted.
<i>No 8</i>	34° 36' 18"N., 135° 23' 42"E.	about 82m N of charted.
<i>No 9</i>	34° 36' 11"N., 135° 24' 15"E.	about 51m NE of charted.
<i>No 10</i>	34° 36' 04"N., 135° 24' 11"E.	about 170m NNW of charted.

(WGS84 DATUM)

Charts affected - JP 123 - JP 1103 - JP 1146

4876(T)/18 JAPAN - Seto Naikai - Buoyage.

Source: Japanese Notice 38/5468(T)/18

1. Light-buoys have been moved as follows:

<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
<i>No 1</i>	34° 38' 24"N., 135° 23' 10"E.	about 66m NE of charted
<i>No 2</i>	34° 38' 01"N., 135° 23' 11"E.	about 92m NNE of charted
<i>No 2</i>	34° 37' 44"N., 135° 22' 41"E.	about 120m NNE of charted
<i>No 4</i>	34° 37' 23"N., 135° 23' 55"E.	about 41m NE of charted

(WGS84 DATUM)

Charts affected - JP 123 - JP 1103 - JP 1146

4877(T)/18 JAPAN - Seto Naikai - Depths.

Source: Japanese Notice 38/5469(T)/18

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

<i>Depth</i>	<i>Position</i>
2·7m	34° 40' 45·7"N., 135° 28' 04·6"E.
3·4m	34° 40' 43·5"N., 135° 27' 55·9"E.

2. Depths between 0·5m and 1m less than charted exist on and in the vicinity of a line joining the following positions:

34° 40' 50·8"N., 135° 28' 22·2"E.
 34° 40' 58·2"N., 135° 28' 42·4"E.
 and
 34° 40' 32·8"N., 135° 27' 23·9"E.
 34° 40' 39·5"N., 135° 27' 44·8"E.

(WGS84 DATUM)

Chart affected - JP 123

II

4878(T)/18 JAPAN - Seto Naikai - Buoyage.

Source: Japanese Notice 38/5470(T)/18

1. Light-buoys have been moved as follows:

<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
No 4	34° 40' 34"N., 135° 23' 34"E.	about 37m NE of charted
No 6	34° 41' 04"N., 135° 23' 59"E.	about 150m NE of charted
No 2	34° 39' 41"N., 135° 22' 40"E.	about 160m SW of charted

(WGS84 DATUM)

Charts affected - JP 123 - JP 1103 - JP 1107

4879(T)/18 JAPAN - Seto Naikai - Buoyage.

Source: Japanese Notice 38/5471(T)/18

1. Light-buoys have been moved as follows:

<i>Designation</i>	<i>Former Position</i>	<i>New Position</i>
No 3	34° 40' 34"N., 135° 22' 01"E.	about 45m N of charted
No 4	34° 40' 29"N., 135° 22' 07"E.	about 150m N of charted

(WGS84 DATUM)

Charts affected - JP 123 - JP 1103 - JP 1107

4880(T)/18 JAPAN - Seto Naikai - Light.

Source: Japanese Notice 38/5472(T)/18

1. The light, F Fl G 3s 12m 7/4M in position 34° 39' 09.7"N., 135° 11' 15.2"E., has been replaced by Fl G 3s 11m 7M.
(WGS84 DATUM)

Charts affected - JP 101A - JP 101B - JP 106 - JP 131 - JP 150A - JP 1103

4881(T)/18 JAPAN - Seto Naikai - Depths.

Source: Japanese Notice 38/5473(T)/18

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

<i>Depth</i>	<i>Position</i>
5.6m	33° 47' 52.8"N., 131° 01' 19.2"E.
5.1m	33° 47' 49.2"N., 131° 01' 15.6"E.

(WGS84 DATUM)

Chart affected - JP 129

II

4888(T)/18 BRUNEI - Dredging area. Piles.

Source: Brunei Notice 49(T)/18

1. In connection with dredging works to extend the Eastern Channel of Pulau Muara Besar, steel piles marked by yellow flashing light, have been established in the following positions:

<i>Pile designation</i>	<i>Position</i>
X1	5° 04′.69N., 115° 10′.47E.
X2	5° 04′.05N., 115° 10′.58E.
X3	5° 03′.43N., 115° 10′.67E.
X4	5° 03′.14N., 115° 10′.65E.
X5	5° 02′.80N., 115° 10′.53E.
X6	5° 02′.00N., 115° 10′.04E.
X7	5° 01′.18N., 115° 09′.53E.
X8	5° 00′.33N., 115° 08′.99E.
X9	5° 02′.71N., 115° 10′.81E.
X10	5° 02′.33N., 115° 10′.87E.
Y1	5° 04′.71N., 115° 10′.59E.
Y2	5° 04′.06N., 115° 10′.68E.
Y3	5° 03′.44N., 115° 10′.76E.
Y4	5° 03′.07N., 115° 10′.82E.
Y5	5° 02′.75N., 115° 10′.62E.
Y6	5° 01′.95N., 115° 10′.13E.
Y7	5° 01′.12N., 115° 09′.61E.
Y8	5° 00′.26N., 115° 09′.07E.
Y9	4° 59′.49N., 115° 08′.71E.
Y10	4° 59′.13N., 115° 08′.00E.

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

Charts affected - 1844 - 2134

4938(T)/18 INDONESIA - Nusa Tenggara - Buoy.

Source: Indonesian Notice 37/415/18

1. A lit green, conical buoy, with triangular topmark, has been established in position 8° 42′.46S., 116° 01′.07E.
(WGS84 DATUM)

Chart affected - 946

4963(T)/18 AUSTRALIA - Queensland - Obstruction. Buoy.

Source: Australian Notice 19/828(T)/18

1. The special light-buoy, *Fl.Y.4s E1* in position 19° 08′.24S., 146° 55′.81E. has been temporarily withdrawn, an obstruction, least depth 12m exists in situ.

Charts affected - Aus 256 - Aus 827

II

4882(T)/18 NORTH PACIFIC OCEAN - General information.

Source: Japanese Notice 38/5482(T)/18

1. A rocket launch is due to take place from the Tanegashima Space Center between 29 October and 29 November 2018.
2. A sea warning area will be established, bounded by the following positions:

30° 25'·67N., 130° 58'·37E.
30° 25'·82N., 130° 58'·53E.
30° 25'·82N., 131° 12'·00E.
30° 17'·40N., 131° 12'·00E.
30° 17'·40N., 130° 57'·82E.
30° 21'·95N., 130° 57'·82E.
30° 22'·38N., 130° 57'·67E.

3. Between 30 October and 30 November 2018, rocket debris is predicted to fall within areas bounded by the following positions:

29° 30'·00N., 132° 48'·23E.
29° 40'·93N., 133° 03'·77E.
29° 12'·28N., 133° 57'·43E.
28° 44'·00N., 133° 42'·00E.
29° 16'·00N., 132° 41'·00E.
and

27° 04'·05N., 135° 22'·27E.
25° 33'·00N., 136° 26'·00E.
24° 45'·00N., 135° 18'·00E.
26° 06'·02N., 134° 21'·92E.
26° 18'·57N., 134° 18'·58E.
and

14° 16'·00N., 134° 09'·00E.
10° 31'·00N., 134° 08'·00E.
10° 32'·00N., 131° 46'·00E.
14° 16'·00N., 131° 46'·00E.

(WGS84 DATUM)

Charts affected - 763 - 2347 - 2412 - 3237 - 4507 (INT 507) - 4509 (INT 509) - 4510 (INT 510) - JP 1221

4931(T)/18 ARGENTINA - Obstructions.

Source: Argentine Notices 8/86/10 and 6/53-54(T)/11

1. *Obstructions have been reported in the following positions:

34° 34'·16S., 58° 18'·37W.
34° 31'·42S., 58° 20'·23W.
34° 31'·36S., 58° 20'·13W.
34° 31'·34S., 58° 19'·54W.
34° 31'·26S., 58° 19'·52W.
34° 31'·20S., 58° 19'·47W.

The crossing route for recreational boats is temporarily cancelled.

2. Mariners are advised to navigate with caution in the vicinity.
3. Former Notice 2399(T)/14 is cancelled.

(WGS84 DATUM)

*Indicates new or revised entries.

Charts affected - 1323 - 3561

II

4956(P)/18 BRAZIL - South Coast - Obstructions.

Source: Brazilian Notice 17/123(P)/18

1. A 2·8m obstruction exists within an area bounded by the following positions:

22° 49′·88S., 43° 10′·66W.

22° 49′·88S., 43° 10′·54W.

22° 49′·94S., 43° 10′·54W.

22° 49′·94S., 43° 10′·66W.

2. A 3·1m obstruction exists within an area bounded by the following positions:

22° 49′·98S., 43° 10′·82W.

22° 49′·98S., 43° 10′·75W.

22° 50′·01S., 43° 10′·75W.

22° 50′·01S., 43° 10′·82W.

3. Mariners are advised to navigate with caution in the area.
4. These changes will be included in the next New Edition of Chart 566.
(WGS84 DATUM)

Chart affected - 566

4961(P)/18 BRAZIL - North Coast - Port developments. Jetty.

Source: Brazilian Notice 17/115/18

1. Port developments have taken place within Porto de Itaqui. The most significant is a jetty extended from position 2° 34′·325S., 44° 22′·472W. to 2° 34′·199S., 44° 22′·665W.
2. Mariners are advised to navigate with caution in the area.
3. These changes will be included in a New Edition of Chart 541 to be published 22 November 2018.
(WGS84 DATUM)

Chart affected - 541

4967(P)/18 BRAZIL - North Coast - Jetties.

Source: Brazilian Notices 8/65/17 and 17/115/18

1. The jetty in Terminal da Ponta da Madeira has been extended from position 2° 33′·123S., 44° 22′·716W. to 2° 32′·889S., 44° 22′·683W.
2. The jetty in Porto de Itaqui has been extended from position 2° 34′·325S., 44° 22′·472W. to 2° 34′·199S., 44° 22′·665W.

Chart affected - 8129

4898(P)/18 WEST INDIES - Trinidad and Tobago - Platforms. Submarine pipeline.

Source: Trinidad and Tobago Ministry of Works and Transport Navigational Warnings 48/18 and 57/18

1. *A submarine pipeline will be established between Angelin platform in position 10° 21′·90N., 60° 36′·21W. and Serrette platform in position 10° 26′·54N., 60° 26′·07W.
2. Mariners are advised to navigate with caution in the area.

II

4898(P)/18 WEST INDIES - Trinidad and Tobago - Platforms. Submarine pipeline. (continued)

3. Charts will be updated when full details are available.
 4. Former Notice 3841(P)/18 is cancelled.
 - * Indicates new or revised entry
- (WGS84 DATUM)

Charts affected - 500 - 501 - 1044 - 1045

4917(T)/18 WEST INDIES - Trinidad and Tobago - Wreck.

Source: Trinidad and Tobago Ministry of Works and Transport Navigational Warning 59/18

1. A stranded wreck exists in position 10° 41'·32N., 61° 36'·39W.
 2. Mariners are advised to navigate with caution in the area.
- (WGS84 DATUM)

Chart affected - 474

To accompany Notice to Mariners 4909/2018

On Chart 2420

CHART 2767: POSITIONS
To agree with larger scale chart 2767 which is referred to OSI Datum, positions from chart 2420 must be adjusted by 0-01 minutes SOUTHWARD and 0-03 minutes EASTWARD.

To accompany Notice to Mariners 4909/2018

On Chart 2703

CHART 2767: POSITIONS
To agree with smaller scale chart 2767 which is referred to OSI Datum, positions read from chart 2703 must be adjusted by 0-01 minutes SOUTHWARD and 0-03 minutes EASTWARD.

To accompany Notice to Mariners 4955/18

On Chart 3184

CHANNEL DEPTHS (see Note)								
CORPUS CHRISTI CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2018								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL	48.0	49.0	49.0	45.0	3-18	600-700	2.79	49
JETTY CHANNEL	51.0	52.0	50.0	44.0	3-18	600	1.28	49
INNER BASIN AT MAIN CHANNEL	51.0	53.0	54.0	53.0	3-18	600-728	0.40	47
INNER BASIN AT HARBOR ISLAND	43.0	50.0	43.0	37.0	3-18	600-1559	0.32	47
HUMBLE BASIN TO JCT LA QUINTA CH	42.0	45.0	46.0	45.0	3-18	600-500	10.0	47
LA QUINTA CH JCT TO BCN 82	41.0	49.0	49.0	42.0	3-18	400	9.66	47
BCN 82 TO MAIN TURNING BASIN	45.0	49.0	49.0	45.0	3-18	400-300	0.91	47
CHANNEL TO LA QUINTA	45.0	46.0	46.0	43.0	3-18	300-400	5.31	47
TURNING BASIN	45.0	46.0	47.0	47.0	3-16	1200	0.42	45
CHANNEL EXTENSION	40.0	45.0	45.0	44.0	3-17	400-1250	1.38	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 4955/18

On Chart 3184

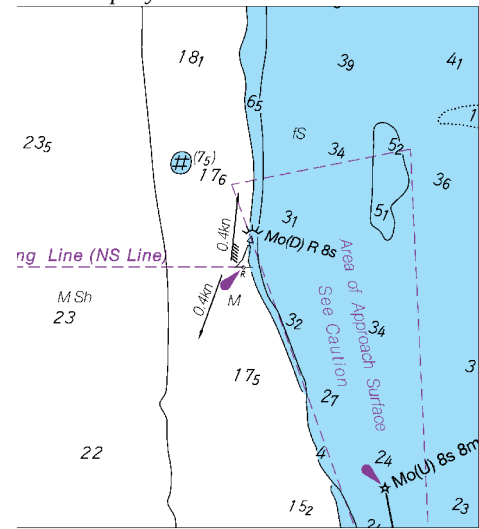
CHANNEL DEPTHS (see Note)								
CORPUS CHRISTI								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2018								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
CORPUS CHRISTI TURNING BASIN	43.0	47.0	44.0	42.0	3-18	300-800	1.21	47
INDUSTRIAL CANAL	47.0	48.0	49.0	47.0	3-18	400	0.66	47
AVERY POINT TURNING BASIN	46.0	47.0	47.0	46.0	3-18	400-975	0.47	47
CHEMICAL TURNING BASIN	45.0	47.0	45.0	43.0	3-18	200-400	1.10	47
TULE LAKE CHANNEL	44.0	49.0	48.0	43.0	3-18	400-1200	2.70	47
TULE LAKE TURNING BASIN	48.0	48.0	47.0	46.0	3-18	1200-300	0.45	47
VIOLA CHANNEL	48.0	49.0	49.0	43.0	3-18	350-300	1.71	47
VIOLA TURNING BASIN	48.0	49.0	48.0	48.0	3-18	350-1200	0.30	47
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

To accompany Notice to Mariners 4934/18

On Chart 2112

SUBMARINE CABLES AND PIPELINES
Mariners are advised not to anchor or trawl in
the vicinity of submarine cables and pipelines.

To accompany Notice to Mariners 4865/18. Image Size (mm) 68.9 by 61



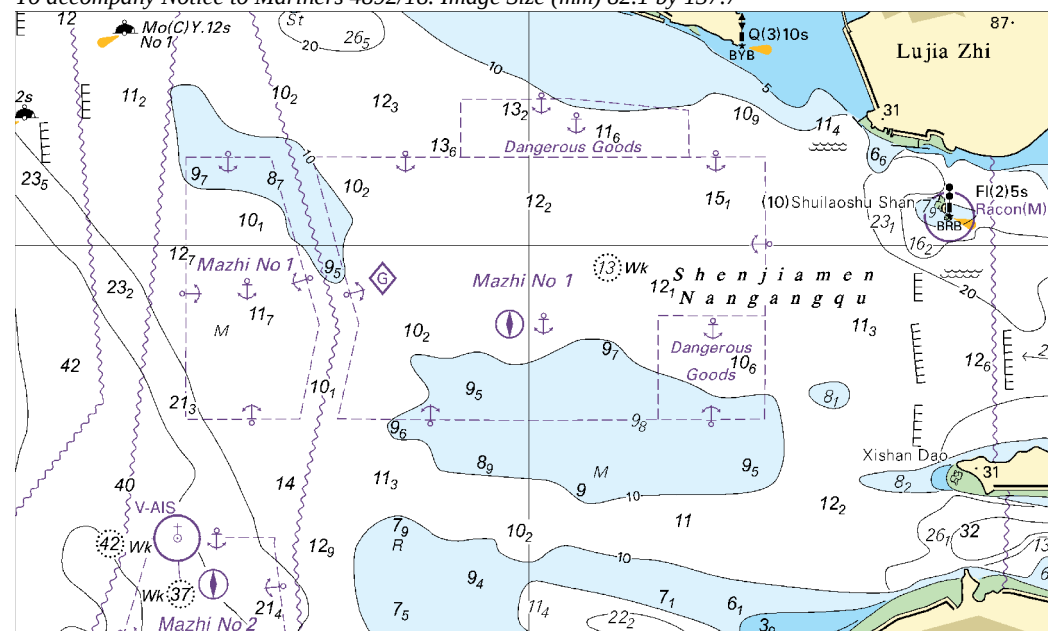
Block for Chart No JP95

This is a detailed nautical chart of the Port of Los Angeles, California. The chart shows the harbor, surrounding land, and various navigational aids. Key features include:

- Harbor and Land:** The harbor is shown in blue, with the surrounding land in white. The coastline is marked with numerous depth soundings (e.g., 181, 193, 169, 177, 176, 194, 186, 195, 182, 187, 175, 193, 20, 205, 206, 207, 21, 215, 22, 5).
- Navigational Aids:** Several buoys are marked with numbers and symbols. A prominent red buoy is labeled 'Mo(D) R 8s'. Other buoys include '181', '193', '169', '177', '176', '194', '186', '195', '182', '187', '175', '193', '20', '205', '206', '207', '21', '215', '22', '5'.
- Area of Approach:** A large red-shaded area is labeled 'Area of Approach' and 'See Caution'. This area is bounded by a red line and extends from the harbor entrance towards the top right of the chart.
- Scale and Chart Information:** A scale bar at the bottom indicates 47 nautical miles. The chart is labeled 'Chart W1025'.

Chart W1025

To accompany Notice to Mariners 4892/18. Image Size (mm) 82.1 by 137.7

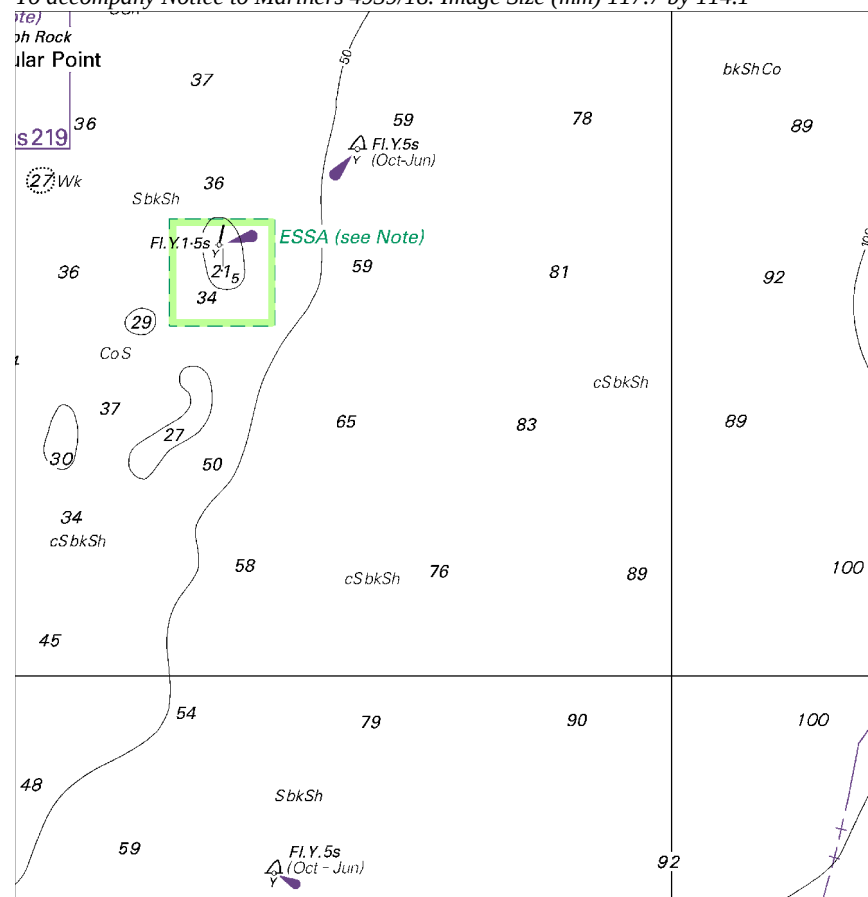


Block for Chart No 1126

To accompany Notice to Mariners 4894/18. Image Size (mm) 243.6 by 183.1

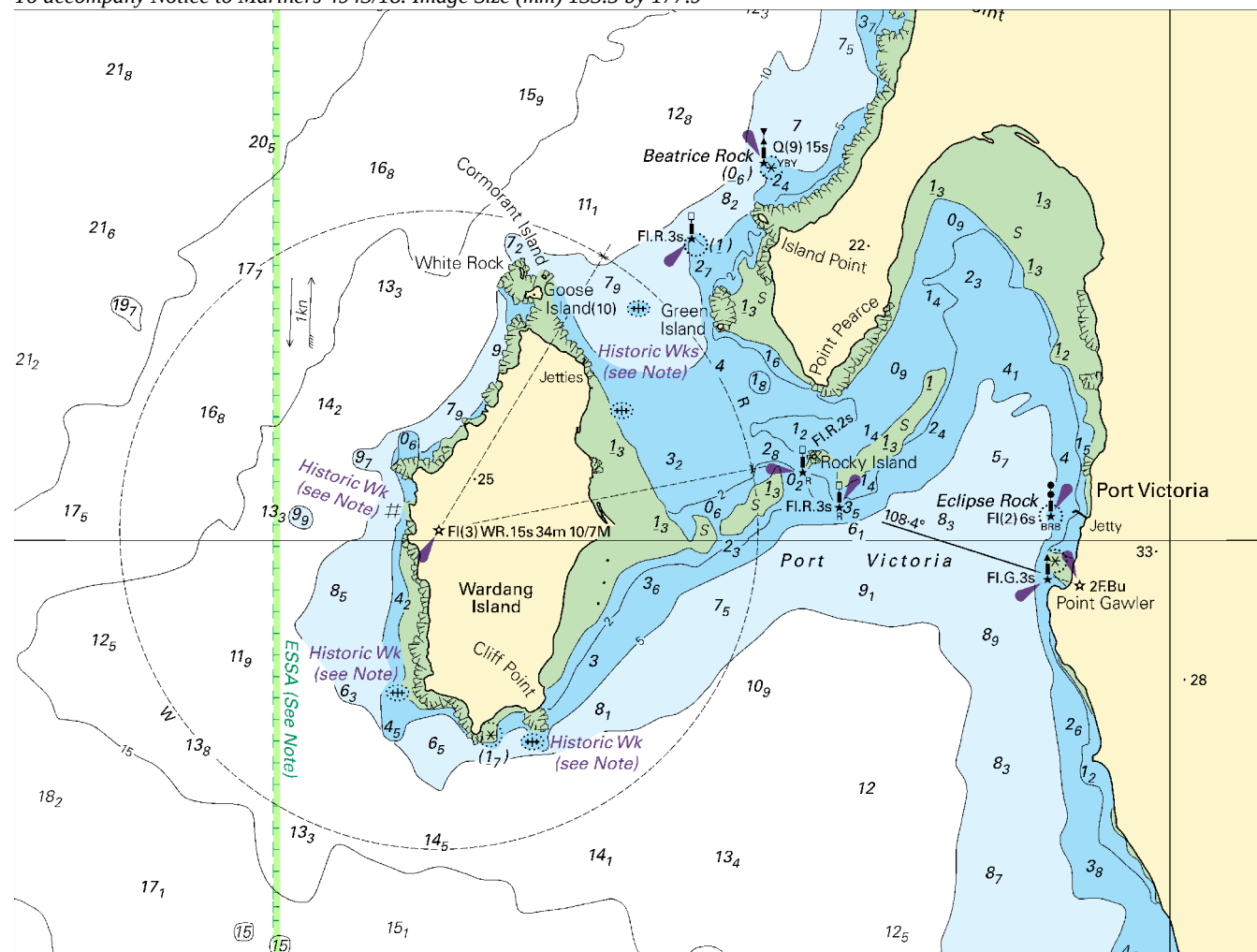


To accompany Notice to Mariners 4939/18. Image Size (mm) 117.7 by 114.1



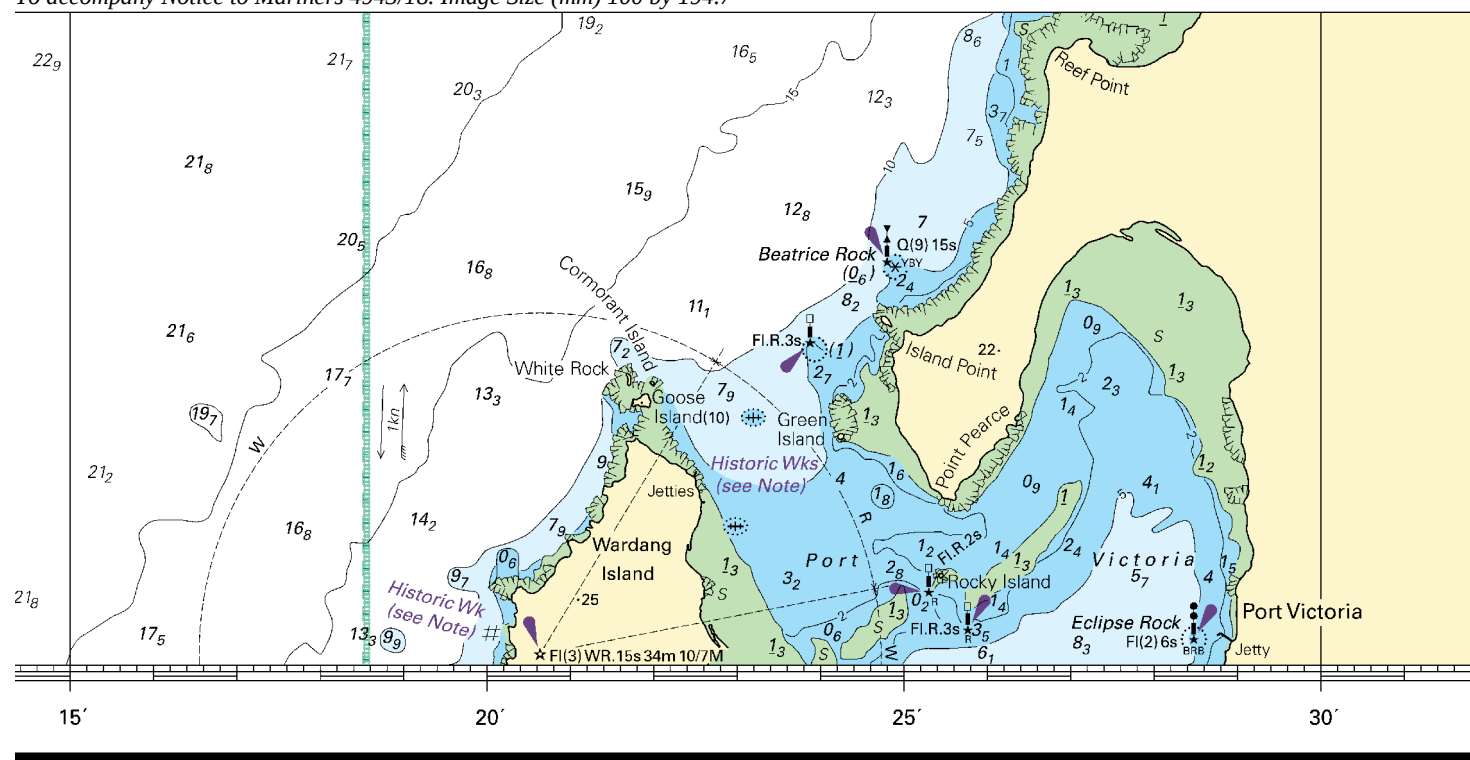
Block for Chart No Aus811

To accompany Notice to Mariners 4943/18. Image Size (mm) 133.5 by 177.9



Block for Chart No Aus776

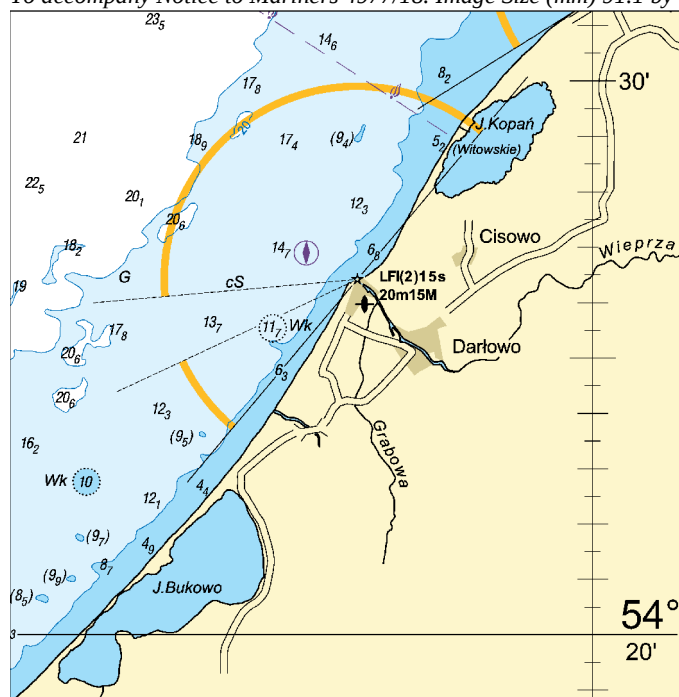
To accompany Notice to Mariners 4943/18. Image Size (mm) 100 by 194.7



Block for Chart No Aus777

Wk42/18

To accompany Notice to Mariners 4977/18. Image Size (mm) 91.1 by 88.8



Block for Chart No 2014

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: navwarnings@btconnect.com

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 42, 18 October 2018 (published on the UKHO website 8 October 2018).

Navarea I (NE Atlantic) Weekly Edition 42

The following NAVAREA I warnings were in force at 080500 UTC Oct 18.

2017 series: 163.

2018 series: 083 106 125 129 133 136 137 139.

136 NORTH SEA. UK and Norwegian Sectors. Long Forties Eastwards. Chart GB 1405 (INT1400).
Seismic survey in progress by M/V *Ramform Atlas*, towing 12 x 5 mile long cables within area bounded by;
56-55.5N 002-12.5E, 57-27.5N 001-42.5E, 57-33.6N 002-02.9E, 57-28.7N 002-07.5E, 57-30.1N 002-12.0E,
57-25.5N 002-16.3E, 57-27.1N 002-22.2E and 57-04.5N 002-42.8E.
Guard vessel, M/V *Thor Freyja* in attendance.
Wide berth 3 miles ahead and abeam and 6 miles astern requested.

137 1. Navarea I warnings in force at 051000 UTC Oct 18. 2. Cancel 134/18.

138 Cancelled. Cancel 130/18

139 1. RIGLIST. Correct at 080500 UTC Oct 18.

Southern North Sea: 51N to 55N

52-15.0N	002-30.5E	GMS Endurance 6101 ACP East Anglia One Windfarm
52-53.2N	002-35.7E	Ensco 72
53-04.6N	002-11.1E	Seafox 4 ACP Leman Gas Field
53-14.0N	003-14.5E	590021
53-14.8N	002-01.4E	Seajacks Leviathan ACP Vulcan Gas Field
53-36.8N	001-31.6E	Ensco 122 ACP Barque Gas Field
NEW 53-41.0N	001-55.6E	Paragon B391
53-42.2N	001-09.0E	Seafox 1 ACP West Sole Gas Field
53-49.4N	004-03.1E	Paragon C20051 ACP L4-PN
53-56.4N	002-44.8E	Noble Hans Deul ACP Chiswick Gas Field
54-12.2N	002-27.1E	Ensco 92 ACP Caister Gas Field

III

North Sea: 55N to 60N, East of 5W			
NEW	55-06.2N	003-50.0E	Maersk Resolute ACP A18
	55-32.2N	005-01.9E	Maersk Resilient ACP Halfdan Oil Field
	55-42.9N	004-44.9E	Maersk Guardian ACP Tyra Gas Field
	55-48.2N	004-33.6E	Noble Sam Turner ACP Valdemar Oil Field
	56-43.5N	002-12.5E	Ensco 120 ACP Jasmine Gas Field
	56-44.6N	000-40.7E	Ensco 100
	56-50.1N	001-42.9E	Blackford Dolphin
	56-50.2N	001-50.9E	Wilphoenix
	56-58.0N	001-52.2E	Rowan Gorilla 5 ACP Franklin Gas Field
	57-04.3N	003-03.8E	Maersk Interceptor
	57-06.9N	002-50.6E	Safe Scandinavia ACP Ula Oil Field
	57-10.7N	001-06.6E	Prospector 5
	57-11.7N	001-54.8E	Maersk Highlander ACP u/c Pierce Oil Field Westward
	57-24.3N	001-35.9E	Ensco 101
	57-48.6N	000-58.3W	Maersk Innovator ACP Buzzard Oil and Gas Field.
	57-54.0N	000-36.5W	COSL Pioneer
	57-58.2N	000-53.7E	Paul B Loyd Jnr
	58-00.2N	000-22.7W	Rowan Viking ACP Goldeneye
	58-01.7N	001-42.9E	Rowan Gorilla 7
	58-17.6N	001-50.9W	Ocean Guardian
	58-21.8N	001-32.9E	Deepsea Atlantic
	58-34.3N	001-41.8E	Maersk Integrator ACP Gina Krog under construction
	59-02.2N	002-13.5E	Maersk Intrepid
	59-27.0N	001-37.2E	Ocean Patriot
	59-30.6N	002-04.4E	Deepsea Stavanger
NEW	59-34.9N	001-39.3E	Ocean Valiant
	59-35.2N	001-03.2E	Safe Boreas ACP u/c Mariner Oil Field
	59-35.4N	001-03.4E	Noble Lloyd Noble ACP u/c Mariner Oil Field
	59-37.5N	001-44.7E	Transocean Leader
Norwegian Sea: 60N to 65N, East of 5W			
	60-20.2N	004-02.1W	Deepsea Aberdeen
	60-44.1N	002-29.4W	Safe Caledonia ACP u/c Clair Ridge Oil Field
	60-48.0N	003-26.5E	Songa Endurance
	60-54.9N	003-31.2E	Songa Equinox
	60-55.9N	002-14.1W	Stena Don
	60-56.6N	003-34.5E	COSL Promoter
	61-02.0N	001-07.8E	Paragon MSS1
	61-08.9N	003-17.0E	Deepsea Bergen
	61-17.6N	001-28.3E	Transocean 712
	64-35.8N	006-51.3E	Scarabeo 8
NEW	64-48.5N	006-26.9E	West Phoenix
NEW	64-53.4N	007-04.3E	Songa Encourage

South and West Coasts of the British Isles.

53-34.0N 003-27.3W Irish Sea Pioneer ACP Hamilton 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 135/18.

UPDATES TO ADMIRALTY SAILING DIRECTIONS

NP1 Africa Pilot Volume 1 (2017 Edition)

Spain - Islas Canarias - Isla de la Gomera — Wreck

114

Paragraph 3.151 1 line 5 *Replace by:*

...in depths of 5 m to 11 m, sand. A dangerous wreck (28°04'·63N 17°19'·56W) lies about 3½ cables ESE of Puerto Vueltas outer molehead.

Spanish Notice 38/317/18 [NP1-No 28-Wk 42/18]

NP8 Pacific Coasts of Central America and United States Pilot (2016 Edition)

Mexico — National regulations

6

After Paragraph 1.42 2 line 10 *Insert:*

Marine exploitation safety zones

1.42a

- 1 Entry is prohibited within 500 m from the outer rim, around wells, platforms and other facilities for the exploitation of hydrocarbons.

Anchoring of vessels carrying out activities not related to the exploitation of hydrocarbons is prohibited within 2500 m from the above installations.

ENC MX408323 [NP8-No 60-Wk 42/18]

NP12 Arctic Pilot Volume 3 (2018 Edition)

Greenland - West coast - Sarfartoq - Kangerlussuaq — Berth

181

After Paragraph 3.53 1 line 10 *Insert:*

Berth. A quay (66°33'·53N 52°03'·80W) consisting of a permanently moored barge has been established on the W side of Kangerlussuaq, 1 mile N of Sarfartoq. The berth is 90 m in length and has a depth alongside of 25 m.

Danish Notice 38/749/18 [NP12-No 1-Wk 42/18]

NP14 Australia Pilot Volume 2 (2016 Edition)

Tasmania - North Coast - Port Dalrymple — Directions; radio masts

215

Paragraph 7.111 1 lines 2-3 *Delete*

Paragraph 7.112 1-3 *Replace by:*

- 1 **Main approach.** The shoals at the entrance to the port are mostly covered at half tide, so that half-flood, or even shortly before, is the best time to enter for almost all the dangers are then visible.
- 2 From the pilot boarding position, the approach track leads SSE to a position onto the alignment (127·7°) of Middle Channel Leading Lights (7.113).
- 3 This approach leads between Hebe Reef (41°02'·99S 146°44'·29E), to the SW, and the 15 m depth contour to the NE.

Australian Notice 19/824/18 [NP14-No 40-Wk 42/18]

NP15 Australia Pilot Volume 3 (2018 Edition)

Australia - New South Wales - Perpendicular Point — Directions; ESSA

124

Paragraph 3.145 5 line 6 *Replace by:*

...And:

Clear of light buoy (31°40'·82S 152°54'·62E) (special) marking the centre of an ESSA. Restrictions on access and activities apply (see 1.80). Thence:

Australian Notice 19/807/18 [NP15-No 11-Wk 42/18]

Australia - Queensland - Whitsunday Passage - Grassy Island — Anchorage

251

Paragraph 7.122 2 lines 1-4 *Replace by:*

- 2 **Anchorage** may be obtained in sand 1 mile S of Grassy Island. This anchorage is the only one on this stretch of coast with shelter from N winds.
- Caution.** Depths greater than charted have been reported (2018) in the anchorage.

Correspondence Australian Hydrographic Office
[NP15-No 10-Wk 42/18]

IV

NP19 Baltic Pilot Volume 2 (2018 Edition)

Germany - Approaches to Wolgast — Speed limit

323

Paragraph 8.114 2 lines 1–4 *Replace by:*

- 2 **Speed limit.** From Light Buoy PN1 (lateral) (54°11'·05N 13°45'·80E) to Wolgast Road Bridge (8.118) the maximum speed is 10 kn.

German Notice 37/20031 - S. 154/18

[NP19-No 41-Wk 42/18]

Germany - Wolgast Hafen — Speed limit

325

Paragraph 8.126 3 line 2 *For* 4·3 kn *Read* 6·5 kn

German Notice 37/20031 - S. 154/18

[NP19-No 42-Wk 42/18]

NP25 British Columbia Pilot Volume 1 (2017 Edition)

United States of America - Seattle - Lake Washington — Bridge clearance

104

Paragraph 3.127 1 including existing Section IV Notice Week 25/18 *Replace by:*

- 1 A pontoon bridge (47°38'·45N 122°15'·56W) extends from the S side of the entrance to Union Bay, 1½ miles ESE to a position 4 cables S of Evergreen Point (47°38'·74N 122°14'·40W) on the E side of Lake Washington. The fixed span of the bridge close inshore at its W end has a horizontal clearance of 43·3 m (142 ft) and vertical clearance of 12·5 m (41 ft). The fixed span close inshore at the E end has a horizontal clearance of 68·9 m (226 ft) and vertical clearance of 20·4 m (67 ft).

US Notice 37/18447/2018

[NP25-No 16-Wk 42/18]

NP28 Dover Strait Pilot (2017 Edition)

England - Felixstowe - Sledway — Anchorage

273

Paragraph 12.28 1 including heading *Replace by:*

**Spare
12.28**

BA Chart 2052 Ed 25

[NP28-No 26-Wk 42/18]

NP30 China Sea Pilot Volume 1 (2018 Edition)

China - Hainan Dao - Lingshui Jiao — Directions; platform

249

Paragraph 7.219 2 lines 4–9 *Replace by:*

SE of a platform (18°19'·82N 110°01'·03E) from which a light is exhibited, and:
NW of an extensive area of explosives obstructions (18°15'·20N 110°04'·63E), thence:

Chinese Notice 38/1578/18

[NP30-No 23-Wk 42/18]

NP32B China Sea Pilot Volume 4 (2018 Edition)

China - Yellow Sea - Qingdao Gang — Prohibited area

61

Paragraph 2.64 1 lines 4–5 *Replace by:*

...Hujiashan Zui (35°36'·87N 119°52'·43E), generally SSE for 5½ miles, thence NNE to a shoal patch off...

Chinese Notice 38/1572/18

[NP32B-No 71-Wk 42/18]

NP40 Irish Coast Pilot (2016 Edition)

Ireland - East Coast - Dundalk Bay — Directions; leading marks; landfall mark

191

Paragraph 6.74 5 lines 1–12 and 6 line 1 *Replace by:*

- 5 The channel is marked by Pile Light (white house on green piles, 10 m in height) (53°58'·56N 6°17'·72W) and No 1 Light Beacon (starboard hand), thereafter by light beacons and light buoys.

From the pilot boarding position (53°57'·30N 6°16'·31W) the track leads NW towards the landfall mark, passing:

Clear of the landfall mark (yellow pile) (53°58'·00N 6°17'·12W), thence:

- 6 Close SW of No 1 Light Beacon (starboard hand)...

Dublin Port Company

[NP40-No 34-Wk 42/18]

NP43 South and East Coasts of Korea, East Coast of Siberia and Sea of Okhotsk Pilot (2018 Edition)

Russia - Gulf of Tartary - Zaliv Chikhacheva — Arrival information

304

After Paragraph 8.103 1 line 6 *Insert*:

Vessel Traffic Service. A VTS is in operation for the control of shipping within the port waters and its approaches. For details see *ADMIRALTY List of Radio Signals Volume 6(6)*.

Paragraph 8.103 2 lines 5-7 *Replace by*:

Anchorage. Russian Regulated Area No 174 (Appendix II) is the quarantine anchorage and lies 2 miles SE of De-Kastri pier. Russian regulated Area No 174D (Appendix II) is the anchorage for STS operations.

Russian Notice 39/5148; 5173/18
[NP43-No 34-Wk 42/18]

Russia - Gulf of Tartary - Zaliv Chikhacheva — Pilotage

304

Paragraph 8.103 4 lines 5-8 *Replace by*:

Pilotage is compulsory and available 24 hours. The pilot boards in Russian Regulated Area No 175. Special pilots for tankers board and disembark in position 51°27'·15N 140°55'·37E.

Russian Notice 39/5173/18 [NP43-No 35-Wk 42/18]

Russia - Gulf of Tartary - Zaliv Chikhacheva — Appendix II; STS anchorage

428

Left hand column:

After **Zaliv Chikhacheva - Area No 174** line 9 ...of cargo ships. *Insert*:

Zaliv Chikhacheva - Area No 174D

The area bounded by the line joining the following positions:

- (1) 51°27'·17 140°48'·20
- (2) 51°27'·17 140°49'·20
- (3) 51°26'·53 140°49'·40
- (4) 51°26'·53 140°48'·20

Note. The area is the anchorage for STS operations.

Russian Notice 39/5149; 5173/18
[NP43-No 36-Wk 42/18]

NP48 Mediterranean Pilot Volume 4 (2017 Edition)

Turkey - North Aegean - Aliğa — Pilotage

437

Paragraph 11.289 1 lines 1-2 *Replace by*:

- 1 **Pilotage** is compulsory. The pilot boarding place is in position 38°50'·18N 26°51'·63E; an alternative pilot boarding place (38°50'·18N 26°52'·97E) lies 1 mile closer inshore.

Turkish Notice 37/183/18 [NP48-No 28-Wk 42/18]

NP56 Norway Pilot Volume 1 (2018 Edition)

Norway - Oslofjorden - Horten — Depth

189

Paragraph 6.60 1 lines 6-7 *Replace by*:

Inner harbour. The least charted depth in the entrance channel is 6·8 m.

Norwegian Notice 17/59337/18
[NP56-No 2-Wk 42/18]

Norway - Oslofjorden - Horten — Directions; underwater rocks

190-191

Paragraph 6.72 3 lines 3-10 *Replace by*:

...extending 2 cables N from Vealøs and clear of an underwater rock (59°26'·84N 10°29'·21E) with a depth of 12·5 m, thence:

Close E of a shoal patch (59°26'·79N 10°29'·13E) with a depth of 6·8 m and clear of an underwater rock (59°26'·73N 10°29'·19E) with a depth of 3·9 m, thence:

- 4 Between the breakwater (59°26'·65N 10°29'·16E) on the NW extremity of Vealøs, and the E edge of foul ground (59°26'·68N 10°29'·03E), fringing the E side of Østøya, marked by an iron pole with a light, thence:

Close E of an underwater rock (59°26'·50N 10°29'·02E) with a depth of 6·5 m.

Norwegian Notice 17/59337/18
[NP56-No 3-Wk 42/18]

NP57A Norway Pilot Volume 2A (2016 Edition)

Hardangerfjorden - Sørfjorden - Odda — Underwater rocks

222

After Paragraph 6.257 1 line 9 *Insert*:

Caution. Underwater rocks with a least depth of 1·5 m, reported (2018), lie close N of berths 1 and 2 at 60°04'·37N 06°32'·99E and 60°04'·36N 06°32'·94E.

Norwegian Notice 17/59336/18
[NP57A-No 21-Wk 42/18]

IV

NP61 Pacific Islands Pilot Volume 2 (2017 Edition)

Fiji Islands - Balmoral Reef — Shoal

360

Paragraph 11.10 *Replace by:*

<i>1</i>	<i>Depth/Position</i>	<i>Description and remarks</i>
		<i>(date reported)</i>
	10.7 m 15°57'·00S 175°38'·00E	Shoal (2001).
	7 m 15°39'·00S 175°52'·00E	Balmoral Reef; 2½ miles long, 1¾ miles wide. Reported (1991) to lie 5 miles NE of its charted position.
	13.6 m 14°56'·53S 174°50'·77E	Shoal (2018).

Fijian Notice 48/18

[NP61-No 24-Wk 42/18]

NP62 Pacific Islands Pilot Volume 3 (2016 Edition)

Hawaiian Islands – Oahu Island – Pearl Harbor — Controlling depth

312

Paragraph 13.66 *1* lines 1–2 *Replace by:*

- 1* The project depth is 12.2 m in the entrance channel. For the latest controlling depths, charts and local harbour and pilotage authorities should be consulted.

US Notice 38/19366/18

[NP62-No 16-Wk 42/18]

NP69A East Coasts of Central America and Gulf of Mexico Pilot (2015 Edition)

Mexico — National regulations

6

After Paragraph 1.44 1 line 10 Insert:

Mexico

1.44a

- 1* **Marine exploitation safety zones.** Entry is prohibited within 500 m from the outer rim, around wells, platforms and other facilities for the exploitation of hydrocarbons.

Anchoring of vessels carrying out activities not related to the exploitation of hydrocarbons is prohibited within 2500 m of the above installations.

BA Chart 359/18; ENC MX408323

[NP69A-No 43-Wk 42/18]

Mexico - East coast - Dos Bocas Terminal — National regulations

131

After Paragraph 6.96 1 line 5 Insert:

Prohibited areas. See 1.44a.

BA Chart 359/18; ENC MX408323

[NP69A-No 44-Wk 42/18]

UPDATES TO ADMIRALTY LIST OF LIGHTS AND FOG SIGNALS

NP74, Vol A Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.

Last Updates: Weekly Edition No. 41, dated 11 October 2018.

A2328-0901	-	52 36.18 N 4 11.61 E	Mo(U)Y 15s	18	5	Wind turbine	
			*	*	*	*	*
A3276-8	- AWF 04	57 14.40 N 1 58.55 W	Fl Y 5s	18	5	Wind turbine	
	--	..	Horn Mo(U) 30s	..	2		
	--	..	Aero Mo(W) R 5s	..	..	On hub	Obstruction
	--	..	AIS	..	..	..	MMSI No 992356039
*	*	*	*	*	*	*	*
A3279	- AWF 09	57 12.47 N 2 00.62 W	Fl Y 5s	18	5	Wind turbine	
	--	..	Horn Mo(U) 30s	..	2		
	--	..	Aero Mo(W) R 5s	..	..	On hub	Obstruction
	--	..	AIS	..	..	..	MMSI No 992356040
*	*	*	*	*	*	*	*

NP75, Vol B Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.

Last Updates: Weekly Edition No. 41, dated 11 October 2018.

B2906	KRISTIANSAND HAVN. RANDØYSUND Remove from list; deleted						
B3119 NO, , 087401 *	- Hidra. Mysseskjaeran. Fedafjorden *	58 12.52 N 6 40.91 E *	Iso R 2s *	6	3-4 Post 7	Floodlit	*
B3220-1 NO, , 099000	Ldg Lts 151°. Rear. 0-76M from front. Obrestad - - - -	58 39.48 N 5 33.26 E ..	FFL W 30s Racon	38	18 Tower 16	W343°-180°(197°). TE 2018 ALRS Vol 2 Station 64930 *	
B3635 NO, , 139859 *	- Hordaland. Goddo *	59 50.18 N 5 04.25 E *	Iso G 4s *	11	2 Post 15		*
B3766-3	HUNDVÅKOSEN Remove from list; deleted						

NP76, Vol C Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.
Last Updates: Weekly Edition No. 41, dated 11 October 2018.

C0260-7 DK, , 1100	- Nykøbing. Lystbådehavn. Shelter Mole. Head	55 54-77 N 11 40-56 E	Fl R 3s	4	4 White wooden structure, red top 2	<i>fl 0-75.</i> Floodlit. Unreliable (T) 2018 *
C2026 DK, , 2898	- Prøvestenshavn. N Breakwater. E Head	55 40-82 N 12 38-38 E	Fl G 3s	6	6 Green round tower 3	<i>fl 0-75</i> *

NP77, Vol D Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.
Last Updates: Weekly Edition No. 41, dated 11 October 2018.

D1847-5 ES, I, 04538	NORTH-WEST COAST. ENSENADA DE LA LANZADA - Pedras Negras Marina. Breakwater. Head	42 27-47 N 8 55-08 W	Fl(4)WR 11s	6	3 Red round tower 3	<i>(fl 0-5, ec 1-5) x 3, fl 0-5, ec 4-5.</i> W305°-315°(10°), R315°-305°(350°). TE 2018 *
D2502 ES, II, 20550 FR, LB, 71590	- Breakwater. Head	35 47-47 N 5 47-60 W	Fl(3)G 12s *	20 *	12 Metal framework tower *	<i>(fl 1, ec 1-5) x 2, fl 1, ec 6</i>
D2503 ES, II, 20560 FR, LB, 71610 *	- S Wharf. Pier No 2. Head	35 47-29 N 5 47-87 W	Fl(3)R 12s *	12 *	6 Red and white column 6	
D2574 FR, LC, 18650 ES, I, 13450	- Pointe d'el Hank	33 36-60 N 7 39-28 W	Fl(3)W 15s	65	30 White round tower 49	<i>(fl 0-1, ec 2-9) x 2, fl 0-1, ec 8-9.</i> TE 2018 *
D4170 FR, LC, 33400	Punta Mbonda	2 05-63 N 9 45-71 E	Fl(3+1)W 20s	36	20 8-sided brickwork tower 35	Aeromarine. <i>(fl 0-1, ec 2-4) x 2, (fl 0-1, ec 7-4) x 2.</i> TE 2018 *
D4176 FR, LC, 33550	RÍO BENITO - Punta Mbode	1 37-30 N 9 36-37 E	Q(4)W 9s	14	6 Grey pylon 12	<i>(fl 0-2, ec 0-8) x 3, fl 0-2, ec 5-8.</i> TE 2018 *

NP78, Vol E Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.
Last Updates: Weekly Edition No. 41, dated 11 October 2018.

E0345 ES, II, 36490	- Puerto de Ciudadella. Entrance. N Side. Punta El Bancal	39 59-82 N 3 49-48 E	Fl(3)R 9s	10	5 Red □ on red 3-sided column 4	<i>(fl 0-5, ec 1-5) x 2, fl 0-5, ec 4-5.</i> TE 2018 *
E6345 TN, , 5720	GULF OF GABÈS - Zarat. Entrance. N Side	33 42-11 N 10 21-90 E	Fl(3)G 10s	6	5 . .	<i>(fl 0-6, ec 0-6) x 2, fl 0-6, ec 7</i> *

V

NP78, Vol E Edition 2018/19 *continued.*

E6387 TN, , 2490	- El Kantaoui. Pleasure Harbour. N Breakwater. Head	35 53-60 N 10 36-00 E	Fl G 6s	9	6	Green tower 6	<i>fl 1.</i> TE 2018	*
E6389-6 TN, , 2345	- Beni Khiar. Fishing Harbour. S Jetty. Head	36 27-00 N 10 47-80 E	Fl R 5s	5	6	..	<i>fl 0-5</i>	*
E6396 TN, , 1460	PORT DE LA GOULETTE - Commercial Port. Jetty N. S Corner. No 9	36 48-39 N 10 18-53 E	Fl(3)W 12s	13	11	Grey pylon, green top 8	<i>(fl 1, ec 1-5) x 2, fl 1, ec 6.</i> W090°-121°(31°), W215°-035°(180°). TE 2018 TE 2018	*
	- - - - - Emergency light	..	F W	..	8	..		*
E6397 TN, , 1410	- Marina and Fishing Harbour. Breakwater N. Head	36 48-39 N 10 18-61 E	Fl G 4s	9	7	Tower	<i>fl 1.</i> TE 2018	*
E6420 TN, , 0410	BIZERTE - Port de Commerce. Outer Breakwater. S Head	37 16-58 N 9 53-88 E	Fl G 4s	15	9	White pylon, black top 8	<i>fl 1.</i> TE 2018	*
E6428 TN, , 0430	- Port de Commerce. Jetée Est. Head	37 16-50 N 9 53-42 E	Fl R 5s	24	10	Red tower 17	<i>fl 1.</i> TE 2018	*
E6464 TN, , 0100 TN, , 0110	ÎLE DE LA GALITE - Galiton de l'Ouest	37 29-89 N 8 52-52 E	Fl(4)W 20s	168	24	Black tower, cupola, on grey building 14	<i>(fl 0-4, ec 2-9) x 3, fl 0-4, ec 9-7.</i> Obscured 227°-250°(23°) by Île de la Galite. May appear as Fl(2)W 20s at a distance R064°-069°(5°) over Les Sorelles	*
	- - Auxiliary light	..	F R	160	22	..		*

NP79, Vol F Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018. *Last Updates: Weekly Edition No. 41, dated 11 October 2018.*

F0523	- Naval Dockyard. Inner Breakwater. Head	18 55-66 N 72 50-42 E	F R	8	5	Metal column 5	TE 2018	*
F0734	TUTICORIN HARBOUR - Pāndiyan Tivu. N End	8 47-14 N 78 11-82 E	Fl W 10s	48	28	White round concrete tower, black stripes 23	<i>fl 0-5.</i> Storm Signals. TE 2018	
	- - -	..	Racon	..	..	..	ALRS Vol 2 Station 79100	
	- - -	..	AIS	..	..	..	MMSI No 004194416	*
F1320-25	Peudada	5 12-66 N 96 34-81 E	Fl G 3s	12	10	Green △ on green beacon		*
*	*	*	*	*	*	*		*

V

NP79, Vol F Edition 2018/19 *continued.*

F1320-3	Peudada	5 12-66 N 96 34-85 E	Fl R 3s	12	10	Red □ on red beacon	
*	*	*	*	*	*	*	*
F2857-5	KUANTAN PORT Remove from list; deleted						
F9522-55 ID, , 2213	- (ID)	4 07-97 N 105 07-81 E	Mo(U)W 15s	25	11	Platform	Other installations, some marked by lights, exist in this field.
	-	..	Racon	..	..	Storage tanker	Decommissioned platform (P) 2018 ALRS Vol 2 Station 80410. Located closeby *

NP80, Vol G Edition 2017/18. Weekly Edition No. 42, Dated 18 October 2018. *Last Updates: Weekly Edition No. 41, dated 11 October 2018.*

G0059	RIO AMAZONAS Remove from list; deleted						
G0059-2	RIO AMAZONAS Remove from list; deleted						
G0059-3	RIO AMAZONAS Remove from list; deleted						
G0059-32	RIO AMAZONAS Remove from list; deleted						

NP82, Vol J Edition 2017/18. Weekly Edition No. 42, Dated 18 October 2018. *Last Updates: Weekly Edition No. 41, dated 11 October 2018.*

J2428-21 US, II, 34520	- Atlantic Channel. Atlantic Channel. Warning Light. A	34 51-84 N 76 20-75 W	Fl W 4s	5	4	White ◇, orange border, marked DANGER SHOALING	
	*		*			*	
J2428-22 US, II, 34525	- Atlantic Channel. Warning Light. B	34 51-45 N 76 21-18 W	Fl W 4s	5	4	White ◇, orange border, marked DANGER SHOALING	
	*		*			*	
J4217-6965 US, IV, 29101-25	- A. Inner Range. Ldg Lts 283-1°. Front	27 52-89 N 97 17-11 W	Q G	20	..	Red □, white stripe, on framework tower on piles	Vis 1-5° each side of rangeline. Shown 24 hours
			*				

V

NP82, Vol J Edition 2017/18 *continued.*

GULF OF PARIA. BOCAS DEL DRAGON. BOCA GRANDE. ISLA DE PATOS						
J6517	- Isla de Patos. Summit	10 38-28 N 61 52-03 W	Fl W 5s	114	25 Orange metal framework tower, white band 36	<i>fl 1</i>
VE, , V5019						
VE, , V5019-A						
	---	..	Racon	114	 * *	ALRS Vol 2 Station 94620 *
GULF OF PARIA. PROMONTORIO DE PARIA						
J6518	- Marcuro	10 39-70 N 61 56-15 W	Fl W 4s	76	11 Orange GRP tower, white band 6	<i>fl 1</i>
VE, , V5019-1						*

NP83, Vol K Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.
Last Updates: Weekly Edition No. 41, dated 11 October 2018.

K2239	- Portarlinton. Breakwater. Head	38 06-64 S 144 39-45 E *	Fl G 6s *	..	.. Green Δ on green beacon	
K2239-7	- Point Richards	38 06-81 S 144 37-29 E *	Q W *	..	.. Δ on yellow beacon, black top *	*
K2239-75	- Point Richards	38 06-85 S 144 37-19 E *	Q W *	..	.. Δ on yellow beacon, black top *	*
K2545	- Entrance. E Side	37 53-32 S 147 58-39 E	F W	20	7 Metal column on wooden framework tower 5	
	- - Marks in line. Rear	..	F Bu	15		LED ∇ light. Shown 24 hours but extinguished when location and alignment of the last dredged line is uncertain; extreme caution should be exercised
				*	*	*
K2871-15	- Lytton Rocks Reach. E Side. Beacon	27 23-98 S 153 09-28 E *	Fl R 2-5s	..	.. $\square$ on beacon	*
K2872-2	- Pinkenba Reach. Aquarium Passage	27 25-66 S 153 07-79 E *	Fl G 3s *	..	.. Green Δ on green beacon *	*
K2885-29	MORETON BAY. SOUTH PART Remove from list; deleted					
K3845-2	- Motuihe Island. E Reef	36 48-55 S 174 57-68 E *	Q(3)W 5s *	4	1 $\diamond$ on black wood pile beacon, yellow band	*
K3845-4	HAURAKI GULF. AUCKLAND. WAITEMATA HARBOUR. WAIHEKE ISLAND					
	- Matiatia Bay. Dir Lt 077°10'	36 46-80 S 174 59-55 E *	Dir Oc WRG 6s	20	3 White metal structure	<i>ec 2.</i> Oc G074-6°-076-6°(2°). Oc W076-6°-077-7°(1-1°). Oc R077-7°-079-7°(2°) *

V

NP83, Vol K Edition 2018/19 *continued.*

K3849-98	HAURAKI GULF. AUCKLAND. TAMAKI STRAIT - Cockle Bay	36 53-59 S 174 57-52 E	Fl G 5s	4	. . Green $\triangle$ on pile beacon	
	*				*	*
K4883	BOUGAINVILLE ISLAND. MADEHAS ISLAND - Madehas Island . Summit	5 27-63 S 154 38-06 E	Fl W 10s	137	16 White framework tower 15	<i>fl 1.</i> For continuation westward, see K3514
						*
K4896-41	- Munda Harbour. Ldg Lts 052-7°. Rear. 0-549M from front	8 19-83 S 157 14-09 E	Fl(3)W 5s	10	5 Red and yellow $\square$ on black beacon	Vis 10° each side of leading line
		*				*
K4898	NEW GEORGIA GROUP. SOUTH ISLAND - South Island	8 48-87 S 157 45-24 E	Fl W 10s	11	10 White column	<i>fl 1.</i> W274°-170°(256°)
						*
K4944	- Taivu Point	9 24-54 S 160 21-02 E	LFl(2)W 20s	10	5 White column	<i>fl 2, ec 2, fl 2, ec 14.</i> TE 2018
						*
K4947	GUADALCANAL ISLAND. MARAU SOUND. TAWARA'O ISLAND - Tawara'o Island	9 49-39 S 160 54-24 E	Fl W 10s	10	10 White column	TE 2018
						*

NP84, Vol L Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.
Last Updates: Weekly Edition No. 41, dated 11 October 2018.

L0313-1 NO. , 254202	- Florsvikfluene. Florø	61 35-13 N 4 56-87 E	F R	8	2 Post 15	Floodlit
*	*			*	*	*
L1078 NO. , 385000	- Bøfjord. Stakknes	63 00-53 N 8 20-79 E	Oc WRG 6s	3	W3-8 Pile R2-5 3 G2-3	G053-2°-054-7°(1-5°), W054-7°-061°(6-3°), R061°-069°(8°), W069°-084-1°(15-1°), G084-1°-196-8°(112-7°), W196-8°-202-3°(5-5°), R202-3°-236-3°(34°), W236-3°-249-2°(12-9°), G249-2°-256-6°(7-4°), R256-6°-260-2°(3-6°)
						*
L1140 NO. , 401700	- Hammarsundet	63 12-38 N 7 57-72 E	Iso WRG 6s	5	W3-4 Tripod R2-2 6 G 2	G075-2°-081-3°(6-1°), W081-3°-107-8°(26-5°), R107-8°-190-7°(82-9°), W190-7°-233-5°(42-8°), G233-5°-006-5°(133°)
					*	*
L2149-6	Remove from list; deleted					
L2149-7	Remove from list; deleted					
L2149-8	Remove from list; deleted					

NP84, Vol L Edition 2018/19 *continued.*

L2178-2	ALSTFJORD Remove from list; deleted					
L2240-5	ALDERSUNDET Remove from list; replaced by buoy					
L3364 NO, , 835500	- Årneset. Ibbestad	68 47-56 N 17 10-59 E	Iso WRG 6s	10 W6-9 Post R5-5 5 G5-5		G126-9°-150-4°(23-5°), W150-4°-162-7°(12-3°), R162-7°-244-2°(81-5°), G244-2°-325-5°(81-3°), W325-5°-340-4°(14-9°), R340-4°-345-3°(4-9°) *
		*		*		
L3366 NO, , 835700	- Lilleviknes	68 40-48 N 17 05-92 E	Iso WRG 6s	4 W5-2 Post R 4 3 G 4		G131-7°-144-2°(12-5°), W144-2°-159-4°(15-2°), R159-4°-219-8°(60-4°), G219-8°-251-8°(32°), W251-8°-255-8°(4°), R255-8°-261-3°(5-5°) *
				*		
L3370 NO, , 835900	GRATANGEN - Lille Grønsnes	68 44-18 N 17 19-32 E	Iso WRG 6s	6 W5-2 Post R 4 4 G 4		G267-4°-269-4°(2°), W269-4°-281-6°(12-2°), R281-6°-093-5°(171-9°), G093-5°-097-8°(4-3°), W097-8°-121-4°(23-6°), R121-4°-131-9°(10-5°) *
				*		
L3376 NO, , 836000	Revholm. NE Point. Salangen	68 54-14 N 17 43-00 E	Iso WRG 6s	15 W5-1 Tripod R3-5 4 G3-2		G077-8°-080-1°(2-3°), W080-1°-082-1°(2°), R082-1°-109-5°(27-4°), G109-5°-113°(3-5°), W113°-144°(31°), R144°-277-5°(133-5°), G277-5°-320-6°(43-1°), W320-6°-326-2°(5-6°), R326-2°-334-4°(8-2°) *
				*		
L3538 NO, , 860000	- Okseneset	69 32-42 N 17 18-58 E	LFI WRG 10s	13 W8-6 Column R6-5 4 G6-1		<i>fl 2.</i> G040°-046-2°(6-2°), W046-2°-049-3°(3-1°), R049-3°-080-9°(31-6°), W080-9°-085-2°(4-3°), G085-2°-103-6°(18-4°), W103-6°-223-7°(120-1°), R223-7°-245-2°(21-5°), W245-2°-267-5°(22-3°), G267-5°-300°(32-5°) *

NP84, Vol L Edition 2018/19 *continued.*

L3582 NO, , 870000	Store Gandholmen	69 49-60 N 18 14-67 E	Fl WRG 5s	16 W9-3 Framework structure R7-6 6 G7-6	<i>fl 1.</i> W290°-297.3°(7.3°), R297.3°-345°(47.7°), G345°-348.1°(3.1°), W348.1°-356.5°(8.4°), R356.5°-002.2°(5.7°), G002.2°-017.2°(15°), W017.2°-020.3°(3.1°), R020.3°-025.2°(4.9°), G025.2°-029.9°(4.7°), W029.9°-034.6°(4.7°), R034.6°-066.5°(31.9°), G066.5°-069.4°(2.9°), W069.4°-078.3°(8.9°), R078.3°-084.6°(6.3°), G084.6°-155.4°(70.8°), W155.4°-157.5°(2.1°), R157.5°-188.3°(30.8°), G188.3°-290°(101.7°)
				*	*
L3598 NO, , 874000	Klokkerholmen. Ringvassøy. W Side	69 57-12 N 18 42-97 E	Iso WRG 6s	9 W6-6 Framework structure R4-7 7 G4-4	G010.8°-025°(14.2°), W025°-041.9°(16.9°), R041.9°-057.9°(16°), G057.9°-078.6°(20.7°), W078.6°-083.8°(5.2°), R083.8°-099.9°(16.1°), G099.9°-126.9°(27°), W126.9°-140.7°(13.8°), R140.7°-148.1°(7.4°), G148.1°-190.7°(42.6°), W190.7°-200.6°(9.9°), R200.6°-216.6°(16°)
				*	*
L3604 NO, , 874500	- Hysholmen	70 00-69 N 18 33-85 E	Oc(2)WRG 8s	12 W6-5 Framework structure R4-6 6 G4-3	G061.7°-108.5°(46.8°), W108.5°-110.5°(2°), R110.5°-180°(69.5°), G180°-243.7°(63.7°), W243.7°-250.1°(6.4°), R250.1°-296.2°(46.1°), G296.2°-317.5°(21.3°), W317.5°-332.9°(15.4°), R332.9°-353°(20.1°), G353.3°-000.1°(6.8°), W000.1°-002.4°(2.3°), R002.4°-014.2°(11.8°)
				*	*
L3650 NO, , 884000	GRØTSUNDET - Vågenes	69 46-75 N 19 16-46 E	Oc(2)WRG 8s	4 W5-9 Framework structure R4-1 6 G3-8	G061.7°-071°(9.3°), W071°-091.5°(20.5°), R091.5°-093°(1.5°), G093°-211.9°(118.9°), W211.9°-222°(10.1°), R222°-234.2°(12.2°), G234.2°-242.2°(8°), W242.2°-253.6°(11.4°), R253.6°-265.1°(11.5°)
				*	*
L3664 NO, , 884900	- Langsundet. Skattøra	69 58-55 N 19 40-30 E	Oc WRG 6s	5 W10 Building R8-1 6 G7-6	G183.2°-185.7°(2.5°), W185.7°-189.8°(4.1°), R189.8°-201.5°(11.7°), G201.5°-212.2°(10.7°), W212.2°-215.6°(3.4°), R215.6°-035.5°(179.9°), G035.5°-043.5°(8°), W043.5°-046.7°(3.2°), R046.7°-053.5°(6.8°)
				*	*

NP84, Vol L Edition 2018/19 *continued.*

L3668 NO, , 885500	Helgøy. Skjåholmskjæret	70 06-55 N 19 22-26 E	Iso WRG 6s	5	W6-5 Framework structure R5-2 6 G5-2	G279-7°-302-3°(22-6°), W302-3°-309-3°(7°), R309-3°-349-9°(40-6°), G349-9°-017-5°(27-6°), W017-5°-023-9°(6-4°), R023-9°-069-7°(45-8°), G069-7°-075-8°(6-1°), W075-8°-081-8°(6°), R081-8°-118-2°(36-4°)
					*	*
L3700 NO, , 900400	- Skorøya. S Point	70 08-66 N 20 02-53 E	Fl(2)WRG 10s	12	W6-4 Building R4-5 6 G4-2	G216°-221-6°(5-6°), W221-6°-233-2°(11-6°), R233-2°-262-2°(29°), G262-2°-264-7°(2-5°), W264-7°-315-1°(50-4°), R315-1°-017-5°(62-4°), G017-5°-068-8°(51-3°)
						*

NP85, Vol M Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018.

Last Updates: Weekly Edition No. 41, dated 11 October 2018.

M4158-997 KR, 410, 3493-10	INCH'ŎN HANG. APPROACHES - Gungpyeong Hang. Breakwater S. B	37 06-95 N 126 40-42 E	Fl(2)Y 6s	9	8 Yellow round steel post 6	
*	*	*	*	*	*	*
M4158-998 KR, 410, 3493-9	PYEONGTAEK. APPROACHES - Gungpyeong Hang. Breakwater N. A	37 07-02 N 126 40-40 E	Fl(2)Y 6s	9	8 Yellow round steel post 6	
*	*	*	*	*	*	*
M4252 KR, 410, 2661-5	JEJUDO. SOUTH-WESTWARD - Socotra Rock. Ieodo Ocean Research Station	32 07-37 N 125 10-93 E	Mo(U)W 15s	37	12 Platform with Helipad 5	100M SW of Jeju
	- - -	..	Racon	..		ALRS Vol 2 Station 82645
						*
M4278-7 KR, 410, 3007-9	Hoedong Hang. Breakwater	34 25-14 N 126 20-69 E	Fl G 5s	14	7 White 6-sided concrete tower	
*	*	*	*	*	*	*
M4313-2 KR, 410, 2303-6	- Noryang Bridge. C1, C2 - - L1, L2 - - R1, R2	34 56-61 N 127 52-04 E	F W F G F R	41 41 41	7 7 7	
*	*	*	*	*	*	*
M4350-8 KR, 410, 2075-1	Jeodo-Jungjukdo Bridge. C1, C2 - L1, L2 - R1, R2	35 00-90 N 128 45-23 E	Iso W 4s Iso G 4s Iso R 4s	37 37 37	7 White O, red stripes 7 Green □ 8 Red △	
						*

V

NP85, Vol M Edition 2018/19 *continued.*

M4356-1 KR, 410, 2188-12	BUSAN HANG. NORTH OUTER HARBOUR - Jungri Hang	35 04-08 N 129 03-85 E	Fl R 4s	16	6 Red round concrete tower 14	
*	*	*	*	*	*	*
M4378-72	ULSAN MAN. ULSAN HANG Remove from list; deleted					
M7287 JP, 411, 0939	TOTTORI KO - W Breakwater	35 32-80 N 134 10-90 E	Iso G 4s	15	5 White tower 9	
*	*	*	*	*	*	*
M7709-25 RU, 2401, 1357	- Entrance	49 09-76 N 142 03-16 E	F WRG	8	W4-6 Round metal tower, R3-2 red and yellow bands G2-1 7	G033-2°-038-3°(5-1°), W038-3°-043-2°(4-9°), R043-2°-053-5°(10-3°)
*	*	*	*	*	*	*
M7709-3 RU, 2401, 1348	- Approach Channel	49 09-51 N 142 03-03 E	F WRG	12	W8-4 Round metal tower, R5-4 white and black G 4 bands 7	G147-4°-157-4°(10°), W157-4°-167-4°(10°), R167-4°-177-4°(10°)
*	*	*	*	*	*	*

NP86, Vol N Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018. *Last Updates: Weekly Edition No. 41, dated 11 October 2018.*

N4233 GR, , 8400	- Liménas Livádi. Mole. Head	37 08-57 N 24 30-95 E	F R	6	3 White metal column, red band 5	
	*		*			*

NP87, Vol P Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018. *Last Updates: Weekly Edition No. 41, dated 11 October 2018.*

P3348-69 CN, G103, 5065-094	Shuangfanshi	18 26-21 N 110 08-54 E	Fl(2)W 6s	11	8 White concrete column 9	
*	*	*	*	*	*	*
P3585-7 CN, G103, 4077-41 CN, G103, 4077-42 CN, F101, 4077-41	Jieyang Shenquan. Wind Tower No 1. No 1 - No 2 - - -	22 39-14 N 116 16-80 E ..	Mo(U)W 15s AIS	13 ..	10 Yellow pile 1	2 Identical light beacons mark the wind tower
*	*	*	*	*	*	*
P3585-75 CN, G103, 4077-51 CN, G103, 4077-52 CN, F101, 4077-51	Jieyang Shenquan. Wind Tower No 2. No 1 - No 2 - - -	22 42-17 N 116 26-41 E ..	Mo(U)W 15s AIS	13 ..	10 Yellow pile 1	2 Identical light beacons mark the wind tower MMSI No 994121646
*	*	*	*	*	*	*
P3586-8 CN, G103, 4072-6 CN, G103, 4072-5 CN, F101, 4072-6	Jinghai Wind Tower. No1 - No 2 - -	22 49-70 N 116 41-40 E ..	Mo(U)W 15s AIS	12 ..	10 Yellow pile 1	2 Identical light beacons mark the wind tower MMSI No 994121644
*	*	*	*	*	*	*

V

NP87, Vol P Edition 2018/19 *continued.*

P3587-9 CN, G103, 4001-01 CN, G103, 4001-02 CN, G103, 4001-03 CN, F101, 4001-03	- Huaneng Lemen. Wind Tower. No 1 - No 3 - - - -	23 13-17 N 117 02-70 E ..	Mo(U)W 15s AIS	11 ..	10 Yellow pile 1	3 Identical light beacons mark the wind tower MMSI No 994121663
*	*	*	*	*	*	*
P3806-577 CN, G101, 1777-05	- Lanshan Gangqu. Crude Oil Pier. E	35 06-07 N 119 24-65 E *	Iso G 4s	15	8 White metal column, green bands 9	
P4663-18 TW, , 10874 *	Linkou Power Plant. N Breakwater. PH1	25 08-15 N 121 17-21 E	Fl G 5s	2 *	12 .. 22 * *	<i>fl 1</i>
P4663-185 TW, , 10876 *	Linkou Power Plant *	25 07-55 N 121 17-81 E *	F G *	8 *	12 Metal framework 7 * *	*
P4663-188 TW, , 10877 *	Linkou Power Plant *	25 07-46 N 121 17-92 E *	F G *	8 *	12 Metal framework 7 * *	*
P4663-19 TW, , 10875 *	Linkou Power Plant. N Breakwater. PH2	25 08-06 N 121 18-03 E *	Fl Y 5s	19 *	8 .. 17 *	<i>fl 1</i>

NP88, Vol Q Edition 2018/19. Weekly Edition No. 42, Dated 18 October 2018. *Last Updates: Weekly Edition No. 40, dated 04 October 2018.*

Q0819 FR, LC, 45080	Île Murray (FR)	49 30-89 S 70 15-73 E	Fl(3)W 12s	49	11 ..	TE 2018	*
Q0820 FR, LC, 45030	Pointe Molloy (FR)	49 22-11 S 70 04-98 E	Fl R 2-5s	15	3 Red beacon, white stripe	<i>fl 0-5.</i> TE 2018	*
Q0820-41 FR, LC, 45001	Pointe Molloy. Ldg Lts 314°30'. Rear. 393m from front (FR)	49 20-98 S 70 04-53 E	Q W	20	12 Black ∇ on white beacon	TE 2018	*
Q0885 ID, , 2533	- Pulaubai. W Breakwater. Head (ID)	3 53-93 S 102 16-58 E *	Fl G 3s	14	12 Green ∆ on green beacon 9	<i>fl 0-5</i>	
Q0885-2 ID, , 2534	- Pulaubai. E Breakwater. Head (ID)	3 53-90 S 102 16-73 E *	Fl R 2s	14	12 Red beacon 9	<i>fl 0-5</i>	
Q1142 ID, , 3293-1	- Karimunjawa. Tg Puduk (ID)	5 53-43 S 110 26-49 E *	Fl G 5s	8	6 Green ∆ on green beacon 7	<i>fl 0-3</i>	

NP88, Vol Q Edition 2018/19 *continued.*

Q1720-65 SHARK BAY
Remove from list; deleted

VI

UPDATES TO ADMIRALTY LIST OF RADIO SIGNALS

Weekly Edition No. 42 dated 18 October 2018

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_2018.pdf)

VOLUME 2, NP282(1), 2018/19

Published Wk 13/18

(Last Updates: Weekly Edition No. 41 dated 11 October 2018)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 162, UNITED KINGDOM, below North Shipwash Lt Buoy.

Insert:

North Shoal	59°13'49N 3°34'83W	992356006		Virtual	
-------------	--------------------	-----------	--	---------	--

[Northern Lighthouse Board correspondence \(RSDRA2018000240036\) 42/18](#)

VOLUME 2, NP282(2), 2018/19

Published Wk 13/18

(Last Updates: Weekly Edition No. 41 dated 11 October 2018)

RADAR BEACONS

PAGE 12, SINGAPORE.

80380 Horsburgh (Pedra Branca) Lt.

Delete entry

[Singaporean Notice 9/503/18 \(RSDRA2018000224582\) 42/18](#)

AUTOMATIC IDENTIFICATION SYSTEM (AIS)

PAGE 108, CHINA.

Dafeng Gang South Harbour, North Pier Lt.

Delete entry

[Chinese Notice 38/1575/18 \(RSDRA2018000241003\) 42/18](#)

PAGE 124, CHINA, below Nan Cao Zhang.

Insert:

Nan Gang Bei	33°13'99N 120°51'76E	999412137	Broadcasts every 3 minutes	Real	
--------------	----------------------	-----------	----------------------------	------	--

[Chinese Notice 38/1575/18 \(RSDRA2018000241003\) 42/18](#)

DIFFERENTIAL GPS (DGPS)

PAGE 212, UNITED STATES (Atlantic Coast).

Annapolis.

Delete entry

[United States Coast Guard Website \(RSDRA2018000241510\) 42/18](#)

PAGE 212, UNITED STATES (Atlantic Coast).

New Bern.

Delete entry

[United States Coast Guard Website \(RSDRA2018000241510\) 42/18](#)

VI

PAGE 213, UNITED STATES (Pacific Coast).

Pigeon Point.

Delete entry

[United States Coast Guard Website \(RSDRA2018000241510\) 42/18](#)

PAGE 213, UNITED STATES (Pacific Coast).

Robinson Point.

Delete entry

[United States Coast Guard Website \(RSDRA2018000241510\) 42/18](#)

PAGE 219, Diagram RADIOBEACONS TRANSMITTING DGPS CORRECTIONS NORTH AMERICA - WEST COAST.

Delete Pigeon Point at 37°11'·20N 122°23'·40W

Delete Robinson Point at 47°23'·29N 122°22'·46W

[United States Coast Guard Website \(RSDRA2018000241510\) 42/18](#)

PAGE 221, Diagram RADIOBEACONS TRANSMITTING DGPS CORRECTIONS NORTH AMERICA - EAST COAST.

Delete Annapolis at 39°00'·60N 76°36'·55W

Delete New Bern at 35°10'·50N 77°02'·91W

[United States Coast Guard Website \(RSDRA2018000241510\) 42/18](#)

VOLUME 3, NP283(1), 2017/18

Published Wk 36/17

(Last Updates: Weekly Edition No. 41 dated 11 October 2018)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

PAGE 65, AZERBAIJAN.

BAKU.

Delete entry and replace by:

BAKU				
Control Centre: 40°21′·21N 49°49′·87E				
A	2098-8	RT (MF)	Baku	40°21′·21N 49°49′·87E
B	Ch 13	VHF		
Weather Bulletins				
A: 0315 1515 B: 1205 1505	Local Weather Bulletins for coastal areas in English.			
A: 0325 1525 B: 0110 0310 1210 1510	Local Weather Bulletins for coastal areas in Azerbaijani.			

[Azerbaijan LRIT Data Centre \(RSDRA2018000241495\) 42/18](#)

VOLUME 6, PART 2, NP 286(2), 2018/19

Published Wk 21/18

*(Last Updates: Weekly Edition No. 40 dated 4 October 2018)***PAGE 373, SWEDEN, GENERAL NOTES, ICE-BREAKING SERVICE, PROCEDURE, Sections (2) to (4).**

Delete and replace by:

(2) **Reporting:** Vessels bound for Swedish or Finnish ports in the Gulf of Bothnia which have traffic restrictions due to ice are requested to make a broadcast when passing N through Sea of Åland at 60°00'00N preceded by call "Ice Info" on VHF Ch 78, directly by telephone (+46(0)10 4927600) or sent by email to ice.info@sjofartsverket.se stating the following information (in English or Swedish):

- (a) Vessel's name
- (b) Nationality
- (c) Destination and ETA
- (d) Speed

(3) If required, due to ice conditions, the position for reporting in section (2) can be transferred further south.

(4) Special Reports (during winter):

- (a) During winter (1 Nov - 31 Mar), all vessels bound for Swedish or Finnish ports with restrictions in the Quark or Bay of Bothnia, shall report to Bothnia VTS on VHF Ch 67, 20 n miles S of Nordvalen Lt (63°32'15N 20°46'60E)
- (b) Arrival reports should be broadcast on VHF Ch 16 preceded by call "Ice Info" or directly by telephone (+46(0)10 4927600), when the vessel is moored, stating the following information:
 - (i) Vessel's name and call sign
 - (ii) ETD
 - (iii) Next port of destination
- (c) Departure reports should be broadcast on VHF Ch 16 preceded by call "Ice Info" at least 6h prior to departure, or directly by telephone (+46(0)10 4927600), stating the following information:
 - (i) Vessel's name and call sign
 - (ii) ETD/ATD and destination

Swedish Bulletin 722/18, (RSDRA2018000241106), 42/18

VOLUME 6, PART 3, NP 286(3), 2018/19

Published Wk 28/18

*(Last Updates: Weekly Edition No. 37 dated 13 September 2018)***PAGE 157, ITALY, BARLETTA.**

Delete entry and replace by:

BARLETTA
UNCTAD LOCODE: IT BLT

41°20'N 16°18'E**Pilots****CONTACT DETAILS:**

Call: Piloti Barletta
VHF Channel: Ch 16; 12
Telephone: +39 340 6073386 (Mobile)
Fax: +39 0883 484181
E-mail: pilotobarletta@libero.it

HOURS: H24**PROCEDURE:**

- (1) **Pilotage is compulsory** for vessels over 500 gt.
- (2) Vessels should send their ETA to the Pilot through their agents.
- (3) **Pilot boards** 1 n mile N of the breakwater.

*continued on next column***NOTE:**

Provides pilotage for TRANI.

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

VHF Channel: Ch 16
Telephone: +39 0883 531020
Fax: +39 0883 533400
E-mail: cpbarletta@mit.gov.it
Website: www.guardiacostiera.gov.it/barletta

Port Authority (Southern Adriatic Sea Port System)

Telephone: +39 0883 531479
Fax: +39 0883 345547
E-mail: protocollo@adspmam.it
protocollo@pec.adspmam.it
Website: www.adspmam.it

Mooring

VHF Channel: Ch 16; 12
Telephone: +39 0883 349382
Fax: +39 0883 957706
E-mail: ormeggiatoribarletta@gmail.com
ormeggiatoribt@pec.it

Tugs

VHF Channel: Ch 16; 12
E-mail: tug.vigore@moby.it

HOURS: H24

0800-1800 (Port Authority)

PROCEDURE:**Notice of ETA:** Vessels should send ETA 72h, 48h and 24h prior to arrival.

Italian Bulletin 19/18, (RSDRA2018000241030), 42/18

VOLUME 6, PART 6, NP 286(6), 2018/19

Published Wk 3/18

*(Last Updates: Weekly Edition No. 38 dated 20 September 2018)***PAGE 149, CHINA, ZHOUSHAN, Pilots, PROCEDURE, section (2) (d).**

Delete and replace by:

- (d) Cezi:
 - (i) 30°13'00N 121°50'98E
 - (ii) Yeyashan N Anchorage, bounded by positions 30°01'29N 121°59'77E, 30°00'60N 122°00'42E, 30°00'04N 121°59'79E and 30°00'26N 121°58'78E

Chinese Chart 13381, (RSDRA2018000222752), 42/18

PAGE 151, CHINA, ZHOUSHAN, diagram ZHOUSHAN VESSEL TRAFFIC SERVICE CEZI VTS AREA.

Insert Pilot boarding position symbol in position 30°00'44N 121°59'79E.

Chinese Chart 13381, (RSDRA2018000222752), 42/18

VII

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*

DISPLAY ANOMALIES IN SOME ECDIS

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 operating with Edition 3.4 of the IHO Presentation Library

From 1st September 2017, ECDIS Systems are 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

C1615372 Boshashanjiao Maodi Pinghai Wan. The issue that caused this ENC to be withdrawn has now been resolved and it was made available to purchase again in AVCS from week 40/2018

EA200001 and EA200002 South China Sea. Withdrawn in week 23/2017 as instructed by ENC producer authority due to numerous pending updates. New Editions will be released at the earliest opportunity, but no timescale has been provided. Full chart coverage of the area is available from other ENCs in AVCS and ADMIRALTY paper charts.

c) *ENC Readme.txt file*

The README.TXT file located within the ENC_ROOT folder on the latest ENC Base and Update discs contains important safety related information relating to the use of ENCs in ECDIS.

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

The latest updates to the README file are:

Week 40/18

04/10/18 ENC C1615372, Issue resolved and available again in AVCS.

Week 03/18

18/01/18 Korea withdraws more than 700 ENCs from sale.

The full text of the latest README.TXT file is available at:

admiralty.co.uk/AdmiraltyDownloadMedia/AVCS/README.txt

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

Important changes to ADMIRALTY Information Overlay (AIO)

From week 35/2018 (30th August), AIO only shows ADMIRALTY paper T&Ps where they are not already included in the ENCs.

Most countries now include temporary information in their ENCs

The new content is available when the AIO disc is loaded into ECDIS in the normal way. Further guidance can be found in the INFO folder on AIO discs.

2. ADMIRALTY Products Supporting Digital Navigation

- i. ADMIRALTY ENC and ECDIS Maintenance Record (NP133C). This publication is designed to hold paper records on ENC and ECDIS maintenance to assist information management and support inspections. Please note that V2.0 is the current edition.
- ii. ADMIRALTY Guide to ENC Symbols Used in ECDIS (NP5012). A companion to the ADMIRALTY Guide to Symbols and Abbreviations Used on Paper Charts, NP5011. The 2nd edition of NP5012 includes the changes highlighted in the new S-52 standards and the new presentation library 4.0.
- iii. ADMIRALTY Guide to the Practical Use of ENCs (NP231). Supports ECDIS training on the interpretation and use of ENC data.
- iv. ADMIRALTY Guide to ECDIS Implementation, Policy and Procedures (NP232). Provides clear guidance for any individual or organisation responsible for the introduction of ECDIS, in particular those involved in the development of detailed ECDIS operating procedures.
- 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 V17: ADRS 2 - Legal Time

Legal Time should only be obtained by searching for the country concerned using the 'List Territories' option in Windows. To do this:

1. Click **Windows** on the toolbar and then click **List Territories**.
2. Select the appropriate country from the listing to view the time offset.
3. We recommend that Time Zone Meridians are switched off in the 'View' listing. This is because the offset shown via the tooltips on Aids to Navigation and the map view are only based on the meridian lines and should not be relied upon.

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: 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	11 October 2018 - 41	6 December 2018 - 49
ii.	ADMIRALTY Information Overlay (AIO) CD which contains both the base data and the latest updates	04 October 2018 - 40	
iii.	ADMIRALTY Raster Chart Service (ARCS) Regional disc 1	19 July 2018 - 29	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 2	24 May 2018 - 21	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 3	27 September - 39	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 4	28 June 2018 - 26	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 5	07 June 2018 - 23	29 November 2018 - 48
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 6	2 August 2018 - 31	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 7	18 October 2018 - 42	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 8	06 September 2018 - 36	
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 9	10 May 2018 - 19	13 December - 50
	ADMIRALTY Raster Chart Service (ARCS) Regional disc 10	15 March 2018 - 11	1 November 2018 - 44
	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.

5. Supported ADMIRALTY Software Versions

Product	Supported Versions
ADP	17, 18
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 older version which is not supported, you should 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.I02A lists the information required for ADMIRALTY Sailing Directions and has been designed to help the sender and the recipient. The sections should be used as an aide-memoir, being used or followed closely, whenever appropriate. Where there is insufficient space on the form an additional sheet should be used.
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

- It is essential that the chart number, edition date and its correctional state (latest NM) are stated. For ENC's, please state the ENC name and latest update applied.
- Position (to 2 decimal places of a minute) of observation point, using chart graticule or, if ungraduated, relative position by bearing/distance from prominent charted features (navigation lights, trig. points, church spires etc.).
- Position (to 2 decimal places of a minute) of observation point, using GNSS Receiver. Confirm that GNSS positions are referenced to WGS84 datum.
- Include GNSS receiver model and aerial type (if known). Also of interest: values of PDOP, HDOP or GDOP displayed (indications of theoretical quality of position fixing depending upon the distribution of satellites overhead) and any other comments.

HYDROGRAPHIC NOTE – H.102 INSTRUCTIONS (V9.0 Dec 2017)

1. Mariners are requested to notify the United Kingdom Hydrographic Office (UKHO) when new or suspected dangers to navigation are discovered, changes observed in aids to navigation, or corrections to publications are seen to be necessary. Mariners can also report any ENC display issues experienced. The Mariner's Handbook (NP100) Chapter 4 gives general instructions. The provisions of international and national laws should be complied with when forwarding such reports.
2. Accurate position or knowledge of positional error is of great importance. Where latitude and longitude have been used to specifically position the details of a report, a full description of the method used to obtain the position should be given. Where possible the position should be fixed by GPS or Astronomical Observations. A full description of the method, equipment, time, estimated error and datum (where applicable) used should be given. Where the position has been recorded from a smart phone or tablet, this is to be specifically mentioned. When position is defined by sextant angles or bearings (true or magnetic to be specified), more than two should be used to provide a redundancy check. Where position is derived from Electronic Position Fixing (e.g. LORAN C) or distances observed by radar, the raw readings of the system in use should be quoted wherever possible. Where position is derived after the event, from other observations and / or Dead Reckoning, the methodology of deriving the position should be included.
3. **Paper Charts:** A cutting from the largest scale chart is often the best medium for forwarding details, the alterations and additions being shown thereon in red. When requested, a new copy will be sent in replacement of a chart that has been used to forward information, or when extensive observations have involved defacement of the observer's chart. If it is preferred to show the amendments on a tracing of the largest scale chart (rather than on the chart itself) these should be in red as above, but adequate details from the chart must be traced in black ink to enable the amendments to be fitted correctly.
4. **ENCs:** A screen shot of the largest scale usage band ENC with the alterations and additions being shown thereon in red. If it is to report an issue with the display of an ENC, a screen shot of the affected ENC should be sent along with details of the ECDIS make, model or age and version in use at the time.
5. When **soundings** are obtained The Mariner's Handbook (NP100) should where possible be consulted. It is important to ensure that full details of the method of collection are included with the report. This should include but not limited to:
 - (a) Make, model and type of echo sounder used.
 - (b) Whether the echo sounder is set to register depths below the surface or below the keel; in the latter case the vessel's draught should be given.
 - (c) Time, date and time zone should be given in order that corrections for the height of the tide may be made where necessary, or a statement made as to what corrections for tide have already been made.
 - (d) Where larger amounts of bathymetric data have been gathered, only those areas where a significant difference to the current chart or ENC should be specifically mentioned on the H102. The full data set may also be sent in, with an additional note added to this effect. If no significant differences are noted, the bathymetric data may still be of use, and sent in accordingly. Where full data sets are included, a note as to the data owner and their willingness for the data to be incorporated into charts and ENCs included.
6. **For Echo Sounders that use electronic 'range gating', care should be taken that the correct range scale and appropriate gate width are in use.** Older electro-mechanical echo sounders frequently record signals from echoes received back after one or more rotations of the stylus have been completed. Thus, with a set whose maximum range is 500m, an echo recorded at 50m may be from depths of 50m, 550m or even 1050m. Soundings recorded beyond the set's nominal range can usually be recognised by the following:
 - (a) the trace being weaker than normal for the depth recorded;
 - (b) the trace passing through the transmission line;
 - (c) the feathery nature of the trace.

As a check that apparently shoal soundings are not due to echoes received beyond the set's nominal range, soundings should be continued until reasonable agreement with charted soundings is reached. However, soundings received after one or more rotations of the stylus can still be useful and should be submitted if they show significant differences from charted depths.
7. **Reports which cannot be confirmed or are lacking in certain details should not be withheld.** Shortcomings should be stressed and any firm expectation of being able to check the information on a succeeding voyage should be mentioned.
8. Reports of **shoal soundings**, uncharted dangers and aids to navigation out of order should, at the mariner's discretion, also be made by radio to the nearest coast radio station. The draught of modern tankers is such that any uncharted depth under 30 metres or 15 fathoms may be of sufficient importance to justify a radio message.
9. Changes to Port Information should be forwarded on Form H.102A and any GPS/Chart Datum observations should be forwarded on Form H.102B together with Form H.102. Where there is insufficient space on the forms additional sheets should be used.
10. Reports on ocean currents, magnetic variations and other marine observations should be made in accordance with The Mariner's Handbook (NP100) Chapter 4 with forms also available at admiralty.co.uk/MSI.

Note. - An acknowledgement or receipt will be sent and the information then used to the best advantage which may mean immediate action or inclusion in a revision in due course; for these purposes, the UKHO may make reproductions of any material supplied. When a Notice to Mariners is issued, the sender's ship or name is quoted as authority unless (as sometimes happens) the information is also received from other authorities or the sender states that they do not want to be named by using the appropriate tick box on the form. An explanation of the use made of contributions from all parts of the world would be too great a task and a further communication should only be expected when the information is of outstanding value or has unusual features.



Hydrographic Note – H.102
Reporting information affecting ADMIRALTY Maritime Products & Services

For emergency information affecting safety of life at sea forward to: nawarnings@btconnect.com
Or alternatively contact T: +44 (0)1823 353448 (direct line) F: +44 (0)1823 322352
For new information affecting all ADMIRALTY Charts and Publications forward to: sdr@ukho.gov.uk
This form H.102 and instructions are available online: admiralty.co.uk/msi

Date			Ref. number		
Name of ship or sender			IMO number		
Address and general locality					
E-mail / Tel / Fax of sender					
Subject					
Position (see <i>Instruction 2</i>)	Latitude			Longitude	
	GPS		Datum		Accuracy
ADMIRALTY Charts affected				Edition	
Latest Weekly Edition of Notices to Mariners (NMs) held					
Replacement copy of chart number (see <i>Instruction 3</i>)	IS / IS NOT required				
ENCs affected					
Latest update disk applied	Week:				
Make, model and or age of ECDIS if applicable					
Publications affected (e-NP / DP number, edition number)					
Date of latest supplement/update, page & Light List number etc.					
Details of anomaly / observation:					
Name of observer / reporter					
H.102A submitted	Yes ☐	No ☐	H.102B submitted	Yes ☐	No ☐
Tick box if not willing to be named as source of this information ☐					

