



# ADMIRALTY NOTICES TO MARINERS

## Section II

(1 Notice per Page)

### Weekly Edition 02

11 January 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 the ADMIRALTY Notices to Mariners and on the UKHO website.

The following communication facilities are available:

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

**ADMIRALTY Charts affected by the Publication List**

<b>ADMIRALTY Charts</b>	<b>International Charts</b>	
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# I

## ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

### NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

#### New Editions of ADMIRALTY Charts published 11 January 2018

Chart	Title, limits and other remarks	Scale	Folio	2018 Catalogue page
⊙494	West Indies, Southern Martinique, Fort-de-France to Pointe Caracoli. Ⓐ Baie du François. Ⓑ Havre du Robert and Approaches. Ⓒ Cul-de-Sac du Marin.	1:75,000 1:12,500 1:25,000 1:22,500	87	124
<i>Includes significant safety-related information as follows: changes to depths and submarine cables.</i>				
⊙1327	Argentina, Río Paraná, Sheet 5. Ⓐ Continuation of Río Paraná. Ⓑ Puerto Bunge-Ramallo. Ⓒ Puerto Ingeniero Buitrago.	1:35,000 1:35,000 1:10,000 1:10,000	95	118
<i>Includes significant safety-related information as follows: changes to depths, buoyage, channel limits, anchorage areas and lights.</i>				
⊙1351 INT 1483	International Chart Series, France - North Coast, Approaches to Calais. Calais.	1:15,000 1:7,500	16	24
<i>Includes significant safety related information as follows: changes to depths and dredged areas. (A modified reproduction of INT1483 published by France.)</i>				
<i>Note: This chart is to be deleted from the list of charts affected by Notice 5722(P)/17.</i>				
⊙1521	Venezuela, Canal de Maracaibo, Southern Part. Ⓐ Maracaibo to La Salina. Ⓑ Bahía de Maracaibo. Ⓒ Bajo Grande. Ⓓ La Salina.	1:60,000 1:20,000 1:20,000 1:20,000	87	124
<i>Includes significant safety-related information as follows: changes to depths, channel limits, anchorage areas, lights, buoyage and platforms.</i>				
<i>Note: On publication of this New Edition former Notice 3562(T)/16 is cancelled. This chart is to be deleted from the list of charts affected by Notice 2378(P)/17. This chart remains affected by Notice 6584(T)/15.</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 11 January 2018 (continued)

<i>Chart</i>	<i>Title, limits and other remarks</i>	<i>Scale</i>	<i>Folio</i>	<i>2018 Catalogue page</i>
⊙2001	Uruguay, Montevideo and Approaches. Ⓐ Bahía de Montevideo. Ⓑ Approaches to Montevideo.	1:20,000 1:75,000	95	118
	<i>Includes significant safety-related information as follows: new anchorage areas, pipeline and anchoring and fishing prohibited area and changes to dredged areas, depths and wrecks.</i>			
	<i>Note: On publication of this New Edition former Notice 3298(P)/17 is cancelled. This chart remains affected by Notice 5803(T)/16.</i>			
⊙2799	South America - West Coast, Ports on the Coasts of Colombia and Ecuador. Ⓐ Ecuador, Manta. Ⓑ Colombia, Approaches to Tumaco. Ⓒ Ecuador, Approaches to Manta. Ⓓ Colombia, Tumaco. Ⓔ Ecuador, Esmeraldas. Ⓕ Ecuador, Approaches to Esmeraldas including Terminal Balao. Ⓖ Ecuador, Bahía de Santa Elena.	1:15,000 1:100,000 1:100,000 1:30,000 1:15,000 1:50,000 1:50,000	98	114
	<i>Includes significant safety-related information as follows: changes to light sector and buoyage.</i>			
	<i>Note: This chart remains affected by Notice 5527(T)/14.</i>			
⊙3789	Qatar, Hamad Port.	1:25,000	40	62
	<i>Includes significant safety related information as follows: new light, dredged depth and buoyage in the Um Al-Houl Channel and changes to coastline.</i>			
8061	Port Approach Guide, Hefa (Haifa). Ⓐ Approaches to Hefa (Haifa). Ⓑ Hefa (Haifa).	- - -	30	140
	<i>Includes new port developments and changes to buoyage.</i>			
	<i>Note: On publication of this New Edition former Notices 6181(P)/15, 6471(P)/16 and 5890(P)/17 are cancelled.</i>			

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

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## ADMIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

### NEW EDITIONS OF ADMIRALTY CHARTS AND PUBLICATIONS

#### Admiralty Publications

NP No.	Title and other remarks	Date	Remarks
NP43 & e-NP43	ADMIRALTY Sailing Directions. South and East Coasts of Korea, East Coast of Siberia and Sea of Okhotsk Pilot (Eleventh Edition) 2018.  ISBN Number: 978-0-70-774-5084	11/01/2018	Updated to Week 40/17 (05/10/17) First updates in NM week 02/18. This edition supersedes NP43 (Tenth Edition 2014) which is cancelled.

## ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

### ADMIRALTY CHARTS TO BE PUBLISHED 25 JANUARY 2018

#### New ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be <b>WITHDRAWN</b>	Folio
2875	Indonesia, Selat Lombok to Pulau Sumba. 8° 03'·0S. — 10° 54'·0 S., 115° 00'·0 E. — 119° 30'·0 E  <i>One of a series of new metric charts providing improved coverage through the waters of Indonesia.</i>	1:500,000	-	60
3898 INT 1195	International Chart Series, Finland - Gulf of Finland, Saaristomeri, Lemland. 59° 54'·45N. — 60° 13'·45 N., 19° 44'·40 E. — 20° 38'·71 E Ledsjär. 59° 58'·41N. — 59° 58'·80 N., 20° 08'·40 E. — 20° 12'·60 E  <i>Provides improved coverage of Saaristomeri. (A modified reproduction of INT1195 published by Finland.) This chart is included in the International Chart Series.</i>	1:50,000  1:15,000	-	11
4742	Harbours on the North Coast of Spain. Ⓐ Ria de Corme y Laxe. 43° 12'·10N. — 43° 17'·90 N., 9° 07'·60 W. — 8° 54'·10 W Ⓑ Ria de Camariñas. 43° 05'·00N. — 43° 10'·30 N., 9° 08'·40 W. — 9° 18'·50 W Ⓒ Approaches to San Sebastián and Pasaia (Pasajes). 43° 16'·50N. — 43° 26'·50 N., 1° 50'·10 W. — 2° 08'·65 W  <i>Provides improved coverage of the approaches to San Sebastián, Pasaia (Pasajes), Ria de Corme y Laxe and Ria de Camariñas.</i>	1:40,000  1:30,000  1:50,000	1113, 1171	17

Ⓒ 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 25 JANUARY 2018

#### New ADMIRALTY Charts (continued)

Chart	Title, limits and other remarks	Scale	Charts to be <b>WITHDRAWN</b>	Folio
4743	Ports on the North Coast of Spain. Ⓐ Puerto de Cariño. 43° 42'·50N. — 43° 48'·00 N., 7° 45'·76 W. — 7° 53'·00 W. Ⓑ Approaches to Ria de Viveiro. 43° 40'·00 N. — 43° 46'·92 N., 7° 31'·28 W. — 7° 38'·50 W.  <i>Provides improved coverage of the approaches to Puerto de Cariño and Ria de Viveiro.</i>	1:20,000 1:20,000	1122	17
4744	Spain - North Coast, Ensenada de San Ciprián. 43° 41'·00 N. — 43° 46'·19 N., 7° 18'·74 W. — 7° 29'·68 W.  <i>Provides improved coverage of the approaches to San Ciprián.</i>	1:15,000	1122	17

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## ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

### ADMIRALTY CHARTS TO BE PUBLISHED 25 JANUARY 2018

#### New Editions of ADMIRALTY Charts

Chart	Title, limits and other remarks	Scale	Charts to be <b>WITHDRAWN</b>	Folio
863	Plans on the North West Coast of Morocco. Ⓐ Anza and Agadir. 30° 24'·08 N. — 30° 26'·52 N., 9° 36'·38 W. — 9° 39'·54 W. Ⓑ Approaches to Essaouira. 31° 21'·67 N. — 31° 42'·26 N., 9° 39'·70 W. — 10° 07'·20 W. Ⓒ Essaouira. 31° 29'·50 N. — 31° 31'·25 N., 9° 45'·70 W. — 9° 48'·08 W. Ⓓ Cap Ghir to Agadir. 30° 20'·85 N. — 30° 38'·48 N., 9° 32'·90 W. — 9° 59'·27 W. Ⓔ Laâyoune. 27° 02'·78 N. — 27° 06'·13 N., 13° 24'·68 W. — 13° 31'·03 W. Ⓕ Approaches to Anza and Agadir. 30° 21'·28 N. — 30° 28'·84 N., 9° 33'·25 W. — 9° 45'·84 W. Ⓖ Approaches to Laâyoune. 26° 58'·55 N. — 27° 13'·71 N., 13° 23'·35 W. — 13° 41'·89 W.  <i>Includes changes to coastline and port developments at Port D'Anza, Port D'Agadir and Laâyoune. (The chart limits have been revised as the horizontal datum of this chart has been transferred to WGS84 Datum.) (The title of panel Ⓓ has changed.)</i>	1:12,500 1:150,000 1:12,500 1:175,000 1:30,000 1:50,000 1:175,000	Ⓒ863	20

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

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## ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

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1635 INT 1413	International Chart Series, North Sea, Germany and Netherlands, Borkum to Neuwerk and Helgoland.  <i>Includes changes to depths, wrecks and obstructions. (A modified reproduction of INT1413 published by Germany.)</i>	1:150,000	⊙1635 INT 1413 ⊙1875 INT 1463	9
2198	British Isles, North Channel, Southern Part. Portpatrick.  <i>Includes changes to depths from the latest British Government surveys.</i>	1:75,000 1:4,000	⊙2198	3
2199	British Isles, North Channel, Northern Part.  <i>Includes changes to depths from the latest British Government surveys.</i>	1:75,000	⊙2199	3
3767 INT 1412	International Chart Series, North Sea, Germany and Denmark, Helgoland to Rømø.  <i>Includes changes to depths and explosives dumping areas. (A modified reproduction of INT1412 published by Germany.)</i>	1:150,000	⊙3767 INT 1412	9
8114	Port Approach Guide, Zhuhai Gang Gaolan Gangqu.  <i>Includes changes to coastline, jetties, buoyage and works in progress.</i>	-	8114	47

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

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## ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

### ADMIRALTY Charts

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494	West Indies, Southern Martinique.	Ⓢ494
1327	Argentina, Río Paraná, Sheet 5.	Ⓢ1327
1351 INT 1483	International Chart Series, France - North Coast, Approaches to Calais.	Ⓢ1351 INT 1483
1521	Venezuela, Canal de Maracaibo, Southern Part.	Ⓢ1521
2001	Uruguay, Montevideo and Approaches.	Ⓢ2001
2799	South America - West Coast, Ports on the Coasts of Colombia and Ecuador.	Ⓢ2799
3789	Qatar, Hamad Port.	Ⓢ3789
8061	Port Approach Guide, <u>H</u> efa (Haifa).	8061

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### ADMIRALTY CHART AGENT / DISTRIBUTOR INFORMATION

#### NP131 - Catalogue of Admiralty Charts (NP131), 2018 Edition

Amendments to Part 1, Admiralty Authorised Chart Agents / Distributors

Page 7, Distributors section

Add:

Indumar Ciudad del Carmen
Calle 53, No. 11 Entre Calle 68 y 70, Col. Morelos Cd. Del Carmen Camp. C.P. 24115 Mexico
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<a href="http://www.indumarver.com">http://www.indumarver.com</a>
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Ⓢ denotes chart available in the ADMIRALTY Raster Chart Service series.



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## ADMIRALTY CHART AGENT / DISTRIBUTOR INFORMATION

### NP131 - Catalogue of Admiralty Charts (NP131), 2018 Edition (continued)

Amendments to Part 1, Admiralty Authorised Chart Agents / Distributors

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Amend:

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## ADMIRALTY CHART AGENT / DISTRIBUTOR INFORMATION

### NP131 - Catalogue of Admiralty Charts (NP131), 2018 Edition (continued)

Amendments to Part 1, Admiralty Authorised Chart Agents / Distributors

Page 8, Sub-Distributors section

Delete:

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kasra@kasrashipping.com
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## ERRATUM

### Admiralty Publications

The following Admiralty Publication previously announced in Admiralty Notices to Mariners weekly edition 01/18, (page 1.11) should read a publication date of 04/01/2018. See **bold** text below:

<i>NP No.</i>	<i>Title and other remarks</i>	<i>Date</i>	<i>Remarks</i>
82	ADMIRALTY List of Lights and Fog Signals Volume J 2017/18. Western Side of the North Atlantic Ocean From Maine to Cabo Orange, including Gulf of Mexico, the Caribbean Sea and Panama Canal.  ISBN Number: 978-0-70-772-3792	<b>04/01/2018</b>	Updated to NM Week 47/17 (23/11/17). First Amendments in NM Week 01/18. Volume J 2016/17 is cancelled.

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

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INT 5252	<a href="#">218</a>		
INT 5355	<a href="#">156</a>		
INT 5360	<a href="#">108, 185</a>		
INT 5363	<a href="#">157, 193</a>		
INT 7017	<a href="#">173</a>		

## II

### 181 MISCELLANEOUS UPDATES TO CHARTS

Source: UKHO.

<i>Chart</i>	<i>Previous Update</i>	<i>Details</i>
1213 INT 3350	3344/17	<b>Effective from 28/12/17 on publication of Chart 1424</b> Delete note, CHART 1424: POSITIONS, centred on 41° 08'·50N., 9° 24'·50E. Amend chart reference to read, 1424, in position 41° 22'·80N., 9° 08'·60E.
1985	3344/17	<b>Effective from 28/12/17 on publication of Chart 1424</b> Delete note, CHART 1424: POSITIONS, centred on 40° 18'·00N., 8° 58'·50E. Amend chart reference to read, 1424, in position 40° 37'·32N., 8° 33'·30E.
1992	3344/17	<b>Effective from 28/12/17 on publication of Chart 1424</b> Delete note, CHART 1424: POSITIONS, centred on 39° 50'·0N., 8° 52'·0E. Amend chart reference to read, 1424, in position 41° 47'·5N., 8° 55'·0E.
1999	4849/17	<b>Effective from 28/12/17 on publication of Chart 1424</b> Delete note, CHART 1424: POSITIONS, centred on 42° 59'·0N., 11° 38'·0E. Amend chart reference to read, 1424, in position 41° 57'·7N., 8° 48'·1E.

## II

### 182 MISCELLANEOUS UPDATES TO CHARTS

Source: UKHO.

<i>Chart</i>	<i>Previous Update Details</i>	
928	5353/17	<b>Effective from 28/12/17 on publication of Charts 1649 and 3811</b> Insert reference, Adjoining Chart 3811 (see Note – POSITIONS), in N border at longitude 120° 30′0E. Insert magenta limit and chart reference, 1649 (see Note - POSITIONS), as follows:  North: 6° 17′00N. East: 118° 28′25E. South: 5° 42′06N. West: - Insert accompanying note, CHARTS 287, 1649, 1680, 1852, 2957 AND 4449: POSITIONS, centred on 4° 21′3N., 121° 32′4E. Replace existing note, CHARTS 4446 AND 4447: POSITIONS, with the accompanying note, CHARTS 4446, 4447 AND 3811: POSITIONS, centred on 4° 14′0N., 121° 17′2E. Delete former magenta limit and chart reference, POSITIONS (see Note) 1649, in position 5° 41′1N., 118° 26′1E. Delete note, CHARTS 287, 1680, 1852, 2957 and 4449: POSITIONS, centred on: 4° 18′7N., 122° 14′6E.
943	152/18	<b>Effective from 28/12/17 on publication of Chart 3811</b> Amend reference to read, 3811 (see Note - POSITIONS), in the following positions: 9° 23′5N., 119° 33′0E. 6° 31′5N., 124° 47′0E.
950	New Chart 02/11/2017	<b>Effective from 28/12/17 on publication of Chart 1649</b> Replace existing note, CHARTS 1649 AND 1868: POSITIONS, with the accompanying note, CHART 1868: POSITIONS, centred on 5° 52′12N., 118° 02′67E.
1868	4906/17	<b>Effective from 28/12/17 on publication of Chart 1649</b> Insert magenta limit and chart reference, 1649 (see Note - POSITIONS), as follows:  North: - East: 118° 28′25E. South: 5° 42′06N. West: - Delete chart reference, <i>See Chart 1649</i> , in position 6° 00′62N., 118° 22′45E.
4416	5749/17	<b>Effective from 28/12/17 on publication of Chart 3811</b> Amend reference in W border at latitude 8° 20′0N. to read, Adjoining Chart 3811.
4419	5353/17	<b>Effective from 28/12/17 on publication of Chart 3811</b> Amend reference in W border at latitude 7° 15′0N. to read, Adjoining Chart 3811.
4449	4906/17	<b>Effective from 28/12/17 on publication of Chart 1649</b> Insert magenta limit and chart number, 1649, as follows:  North: 6° 17′00N. East: 118° 28′25E. South: 5° 42′06N. West: - Delete former magenta limit and chart reference, 1649 (see Note - POSITIONS), in position 6° 14′71N., 118° 27′14E.

## II

### 183 MISCELLANEOUS UPDATES TO CHARTS

Source: UKHO.

<i>Chart</i>	<i>Previous Update</i>	<i>Details</i>
2300	5600/17	<b>Effective from 28/12/2017 on publication of Charts 3674, 3675, and 3862</b> Amend chart number FI 52 to read, 3862, in position, 63° 48'·2N., 22° 26'·7E. Amend chart number FI 51 to read, 3674, in the following positions: 63° 53'·7N., 22° 04'·7E. 63° 27'·3N., 22° 44'·9E.
2301	52/18	<b>Effective from 28/12/2017 on publication of Charts 3674, 3675, and 3862</b> Insert magenta limit and chart number, 3675, as follows:  North: 64° 20'·84N.    East: 23° 59'·46E. South: 64° 02'·01N.     West: 22° 57'·77E. Insert magenta limit and chart number, 3862, as follows:  North: 64° 06'·86N.    East: 23° 27'·01E. South: 64° 48'·01N.     West: 22° 25'·77E. Insert magenta limit and chart number, 3674, as follows:  North: 63° 53'·93N.    East: 22° 46'·19E. South: -     West: 22° 03'·77E. Delete magenta limit and chart number, 3062, in position 63° 59'·7N., 22° 42'·1E.



## II

### 120\* ENGLAND - East Coast - Thames Estuary - Routeing measures. Legend.

Source: International Maritime Organization (IMO)

Note: Former Notice 4087(P)/17 is cancelled.

#### Chart 1183 (INT 1561) [ previous update 5778/17 ] ETRS89 DATUM

Insert	limit of precautionary area, pecked line, joining:	(a) 51° 47′.50N., 1° 35′.64E. (existing limit) 51° 48′.32N., 1° 36′.96E.
	limit of routeing measure, pecked line, joining:	(b) 51° 48′.22N., 1° 38′.16E. (existing limit) (b) above 51° 48′.12N., 1° 39′.39E.
Delete	former limit of precautionary area, pecked line, joining:	(c) 51° 47′.90N., 1° 39′.42E. (existing limit) (a) above (d) 51° 47′.77N., 1° 38′.16E. (b) above
	former limit of routeing measure, pecked line, joining:	(c) above (d) above
	legend, <i>CHANGES TO TSS TO BE IMPLEMENTED ON 1 JANUARY 2018 (SEE NM 4087(P)/17)</i> , centred on:	51° 47′.91N., 1° 35′.09E.

#### Chart 1406 [ previous update 4835/17 ] WGS84 DATUM

Insert	limit of precautionary area, pecked line, joining:	(a) 51° 47′.50N., 1° 35′.64E. (existing limit) 51° 48′.32N., 1° 36′.96E.
	limit of routeing measure, pecked line, joining:	(b) 51° 48′.22N., 1° 38′.16E. (existing limit) (b) above 51° 48′.12N., 1° 39′.39E.
Delete	former limit of precautionary area, pecked line, joining:	(c) 51° 47′.90N., 1° 39′.42E. (existing limit) (a) above (d) 51° 47′.77N., 1° 38′.16E. (b) above
	former limit of routeing measure, pecked line, joining:	(c) above (d) above
	legend, <i>CHANGES TO TSS TO BE IMPLEMENTED ON 1 JANUARY 2018 (SEE NM 4087(P)/17)</i> , centred on:	51° 47′.66N., 1° 33′.80E.

## II

### 120\* ENGLAND - East Coast - Thames Estuary - Routeing measures. Legend. (continued)

#### Chart 1610 (INT 1511) [ previous update New Edition 23/11/2017 ] ETRS89 DATUM

Insert	limit of precautionary area, pecked line, joining:	(a) 51° 47'·50N., 1° 35'·64E. (existing limit) 51° 48'·32N., 1° 36'·96E.
	limit of routeing measure, pecked line, joining:	(b) 51° 48'·22N., 1° 38'·16E. (existing limit) (b) above 51° 48'·12N., 1° 39'·39E.
Delete	former limit of precautionary area, pecked line, joining:	(c) 51° 47'·90N., 1° 39'·42E. (existing limit) (a) above (d) 51° 47'·77N., 1° 38'·16E. (b) above
	former limit of routeing measure, pecked line, joining:	(c) above (d) above
	legend, <i>CHANGES TO TSS TO BE IMPLEMENTED ON 1 JANUARY 2018 (SEE NM 4087(P)/17)</i> , centred on:	51° 47'·18N., 1° 34'·86E.

#### Chart 1975 [ previous update 5778/17 ] ETRS89 DATUM


Insert	limit of precautionary area, pecked line, joining:	(a) 51° 47'·50N., 1° 35'·64E. (existing limit) 51° 48'·32N., 1° 36'·96E.
	limit of routeing measure, pecked line, joining:	(b) 51° 48'·22N., 1° 38'·16E. (existing limit) (b) above 51° 48'·12N., 1° 39'·39E.
Delete	recommended direction of traffic flow arrow, direction 92°, centred on:	(c) 51° 47'·90N., 1° 39'·42E. (existing limit) 51° 48'·36N., 1° 38'·86E.
	former limit of precautionary area, pecked line, joining:	(a) above (d) 51° 47'·77N., 1° 38'·16E. (b) above
	former limit of routeing measure, pecked line, joining:	(c) above (d) above
	recommended direction of traffic flow arrow, direction 85°, centred on:	51° 48'·21N., 1° 38'·85E.
	legend, <i>CHANGES TO TSS TO BE IMPLEMENTED ON 1 JANUARY 2018 (SEE NM 4087(P)/17)</i> , centred on:	51° 47'·92N., 1° 36'·94E.

## II

### 121\* ENGLAND - East Coast - Hessle Sand E - Drying heights. Depth. Buoy.

Source: ABP Humber

#### Chart 3497 (INT 1554) [ previous update 55/18 ] ETRS89 DATUM

Insert	drying height, $Q_8$ , enclosed by 0m low water line depth, $O_2$	53° 42' 89N., 0° 23' 27W. 53° 42' 86N., 0° 22' 89W.
Replace	drying height, $Q_3$ , with drying height, $L_3$	53° 42' 67N., 0° 23' 54W.
Move	 Fl.G.2s No 23, from: to:	53° 42' 82N., 0° 23' 13W. 53° 42' 74N., 0° 23' 06W.

## II

### 141\* SCOTLAND - West Coast - Lower Loch Fyne and Isle of Arran SW - Depths.

Source: Marine Scotland and Scottish Natural Heritage

#### Chart 2126 [ *previous update 4736/17* ] ETRS89 DATUM

Insert	depth, 6 <sub>7</sub>	(a)	55° 26′.54N., 5° 18′.04W.
Delete	depth, 7 <sub>2</sub> , close N of:	(a)	above

#### Chart 2131 [ *previous update 4736/17* ] ETRS89 DATUM

Insert	depth, 26, and extend 30m contour W to enclose	(a)	55° 59′.76N., 5° 21′.19W.
Delete	depth, 46, close SW of:	(a)	above

#### Chart 2381 [ *previous update New Edition 27/11/2014* ] ETRS89 DATUM

Insert	depth, 26, and extend 30m contour W to enclose	(a)	55° 59′.76N., 5° 21′.19W.
	depth, 44, enclosed by 50m contour		55° 59′.39N., 5° 21′.74W.
Delete	depth, 46, close SW of:	(a)	above

#### Chart 2724 (INT 1606) [ *previous update 4816/17* ] ETRS89 DATUM

Replace	depth, 7 <sub>2</sub> , with depth, 6 <sub>7</sub>		55° 26′.54N., 5° 18′.04W.
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## II

**150\* SCOTLAND - East Coast - Aberdeen NE - NM Block. Note.**

Source: Aberdeen Offshore Windfarm Notices 5-7/17 and Northern Lighthouse Board

*Note:* Former Notice 5435(P)/17 is cancelled.

**Chart 210** [ *previous update 3372/17* ] ETRS89 DATUM

Insert	the accompanying block, centred on:	57° 13′.5N., 2° 00′.1W.
	the accompanying note, WIND FARM UNDER CONSTRUCTION, centred on:	57° 12′.35N., 2° 18′.05W.

## II

### 168\* IRELAND - East Coast - Belfast Lough - Buoyage.

Source: UKHO

#### Chart 1752 (INT 1664) [ *previous update 3161/16* ] ETRS89 DATUM

Delete



*Fl.Y.5s No 1*

54° 43'·510N., 5° 44'·760W.



*Fl.Y.5s No 2*

54° 43'·400N., 5° 44'·580W.

#### Chart 1753 (INT 1661) [ *previous update 5898/17* ] ETRS89 DATUM

Delete



*Fl.Y.5s No 2*

54° 43'·39N., 5° 44'·58W.




## II

### 175\* SCOTLAND - East Coast - Moray Firth - Submarine power cable.

Source: Scottish and Southern Energy

Note: Former Notice 1262(P)/17 is cancelled. This update is included in New Edition 1409, published 28/12/2017.

#### Chart 2 (INT 160) [ previous update 5544/17 ] WGS84 DATUM

Insert submarine power cable,   , joining:




58° 28'·0N., 3° 03'·2W.  
(shore)  
58° 27'·4N., 2° 51'·3W.  
58° 13'·3N., 2° 34'·3W.  
58° 08'·1N., 2° 33'·9W.  
57° 43'·8N., 3° 01'·3W.  
57° 39'·9N., 3° 01'·9W.  
(shore)

#### Chart 115 (INT 1503) [ previous update 3894/17 ] ETRS89 DATUM

Delete legend, *Planned*, centred on:




57° 45'·23N., 3° 00'·18W.  
57° 56'·19N., 2° 48'·00W.  
58° 05'·24N., 2° 37'·54W.  
58° 14'·89N., 2° 35'·86W.  
58° 26'·54N., 2° 49'·72W.

#### Chart 222 [ previous update 3919/17 ] ETRS89 DATUM

Insert submarine power cable,   , joining:




57° 39'·86N., 3° 01'·90W.  
(shore)  
57° 41'·32N., 3° 01'·84W.  
57° 43'·82N., 3° 01'·34W.  
57° 49'·50N., 2° 55'·28W.  
57° 53'·59N., 2° 50'·68W.  
57° 53'·88N., 2° 49'·92W.  
57° 54'·23N., 2° 49'·84W.  
58° 02'·86N., 2° 39'·87W.  
(N border)

#### Chart 223 [ previous update 3919/17 ] ETRS89 DATUM

Insert submarine power cable,   , joining:

57° 39'·86N., 3° 01'·90W.  
(shore)  
57° 41'·32N., 3° 01'·84W.  
57° 43'·82N., 3° 01'·34W.  
57° 49'·21N., 2° 55'·53W.  
(E border)

#### Chart 1239 [ previous update 6002/17 ] ETRS89 DATUM



Insert submarine power cable,   , joining:

58° 28'·0N., 3° 03'·1W.  
(shore)  
58° 27'·7N., 3° 00'·8W.  
58° 27'·7N., 2° 52'·6W.  
58° 27'·4N., 2° 51'·1W.  
58° 17'·0N., 2° 38'·6W.  
(S border)

## II



### 175\* SCOTLAND - East Coast - Moray Firth - Submarine power cable. (continued)

#### Chart 1942 (INT 1502) [ *previous update 6002/17* ] ETRS89 DATUM

Insert submarine power cable,  , joining:



58° 27'·96N., 3° 03'·15W.  
(shore)  
58° 27'·76N., 3° 02'·69W.  
58° 27'·67N., 3° 00'·78W.  
58° 27'·68N., 2° 52'·64W.  
58° 27'·37N., 2° 51'·10W.  
58° 26'·47N., 2° 50'·00W.  
(S border)

#### Chart 1954 (INT 1601) [ *previous update 3887/17* ] ETRS89 DATUM

Insert submarine power cable,  , joining:



58° 27'·96N., 3° 03'·13W.  
(shore)  
58° 27'·76N., 3° 02'·69W.  
58° 27'·67N., 3° 00'·78W.  
58° 27'·68N., 2° 52'·64W.  
58° 27'·37N., 2° 51'·10W.  
58° 25'·97N., 2° 49'·40W.  
(S border)

#### Chart 2182B (INT 1042) [ *previous update New Edition 23/11/2017* ] WGS84 DATUM

Insert submarine power cable,  , joining:



58° 06'·9N., 2° 35'·3W.  
(N border)  
57° 49'·9N., 2° 54'·8W.  
(ommission of detail limit)

#### Chart 2182C (INT 1041) [ *previous update 5972/17* ] WGS84 DATUM

Insert submarine power cable,  , joining:

58° 28'·0N., 3° 03'·2W.  
(shore)  
58° 27'·4N., 2° 51'·3W.  
58° 13'·3N., 2° 34'·3W.  
58° 08'·1N., 2° 33'·9W.  
57° 43'·8N., 3° 01'·3W.  
57° 39'·9N., 3° 01'·9W.  
(shore)

#### Chart 4140 (INT 140) [ *previous update 5544/17* ] WGS84 DATUM

Insert submarine power cable,  , joining:

58° 28'·0N., 3° 03'·2W.  
(shore)  
58° 27'·4N., 2° 51'·3W.  
58° 13'·3N., 2° 34'·3W.  
58° 08'·1N., 2° 33'·9W.  
57° 43'·8N., 3° 01'·3W.  
57° 39'·9N., 3° 01'·9W.  
(shore)





## II


**186\* ENGLAND - South Coast - Plymouth Sound - Light-beacon. Beacon. Signal station.**

Source: Queen's Harbour Master, Plymouth



**Chart 30 (INT 1722)** [ *previous update 2009/17* ] ETRS89 DATUM

Replace  2FG(vert)17m3M SS(Diving), with  SS(Diving) 50° 20'·245N., 4° 07'·722W.

**Chart 1900** [ *previous update 49/18* ] ETRS89 DATUM

Replace  2FG(vert)3M, with  50° 20'·25N., 4° 07'·72W.

**Chart 1967** [ *previous update 1942/17* ] ETRS89 DATUM


Replace  2F.G(vert)17m3M SS(Diving), with  SS(Diving) 50° 20'·245N., 4° 07'·722W.

## II


### 190 ENGLAND - East Coast - Hartlepool - Landmark.

Source: UKHO


#### Chart 134 [ *previous update 4534/17* ] ETRS89 DATUM

Delete  CHIMNEY, height of top of structure above ground level,  
(73) 54° 42'·50N., 1° 12'·79W.


#### Chart 152 (INT 1549) [ *previous update 4994/17* ] ETRS89 DATUM

Delete  CHIMNEY, height of top of structure above ground level,  
(73) 54° 42'·50N., 1° 12'·79W.

#### Chart 1191 (INT 1507) [ *previous update 4534/17* ] ETRS89 DATUM

Delete  Chy, height of top of structure above ground level, (73)  
54° 42'·50N., 1° 12'·79W.

#### Chart 2567 [ *previous update 3305/17* ] ETRS89 DATUM

Delete  CHIMNEY, height of top of structure above ground level,  
(73) 54° 42'·50N., 1° 12'·79W.

## II

**205\* ENGLAND - West Coast - Liverpool Landing Stage - Fog signal.**

Source: Peel Ports

**Chart 3490 (INT 1643) (Panel A)** [ *previous update New Edition 28/09/2017* ] ETRS89 DATUM

Delete fog signal, Horn(3+3)15s, at light 53° 24′.314N., 2° 59′.923W.

**Chart 3490 (INT 1643) (Panel B)** [ *previous update New Edition 28/09/2017* ] ETRS89 DATUM

Delete fog signal, Horn(3+3)15s, at light 53° 24′.314N., 2° 59′.923W.


## II

### 208\* WALES - South Coast - Swansea Bay - Buoyage.

Source: ABP South Wales Notice 42/17

#### Chart 1161 (INT 1652) [ *previous update 2593/17* ] ETRS89 DATUM

Delete

 Fl(5)Y.20s


51° 34'·60N., 3° 57'·15W.

51° 34'·50N., 3° 54'·25W.

51° 31'·02N., 3° 50'·89W.

#### Chart 1165 [ *previous update 5371/17* ] ETRS89 DATUM

Delete


 Fl(5)Y.20s

51° 34'·50N., 3° 54'·25W.

51° 31'·02N., 3° 50'·89W.

#### Chart 1169 [ *previous update 5371/17* ] ETRS89 DATUM

Delete


 Fl(5)Y.20s

51° 31'·02N., 3° 50'·89W.

51° 28'·61N., 3° 50'·91W.

#### Chart 1179 (INT 1610) [ *previous update 4468/17* ] ETRS89 DATUM

Delete

 Fl(5)Y.20s

51° 34'·50N., 3° 54'·25W.

51° 31'·02N., 3° 50'·89W.




## II

### 215 ENGLAND - East Coast - Approaches to the Humber - Submarine power cable.

Source: Dong Energy

Note: This update is included in New Editions 107 and 1187, published 18 January 2017. Charts 104, 1190 and 1503 are to be deleted from the list of charts affected by Notice 5627(P)/17.

#### Chart 104 (INT 1566) [ previous update 5077/17 ] ETRS89 DATUM

Insert submarine power cable,   , joining:




53° 30'·13N., 0° 04'·57E.  
(shore)

(a) 53° 31'·20N., 0° 06'·13E.  
(b) 53° 31'·91N., 0° 12'·20E.  
53° 31'·39N., 0° 13'·62E.  
(c) 53° 31'·16N., 0° 14'·66E.  
(d) 53° 30'·35N., 0° 16'·19E.  
53° 28'·86N., 0° 19'·88E.  
53° 28'·85N., 0° 20'·30E.  
53° 29'·51N., 0° 24'·31E.  
(e) 53° 29'·72N., 0° 26'·23E.  
(f) 53° 30'·17N., 0° 29'·47E.  
(g) 53° 31'·41N., 0° 37'·20E.  
(E border)

legend, *Planned*, along:

(a)-(b) above  
(c)-(d) above  
(e)-(f) above  
(f)-(g) above

#### Chart 1190 (INT 1508) [ previous update 5554/17 ] ETRS89 DATUM

Insert submarine power cable,   , joining:




53° 31'·20N., 0° 35'·91E.  
(omission of detail limit)

53° 31'·74N., 0° 39'·25E.  
(a) 53° 32'·41N., 0° 40'·21E.  
(b) 53° 35'·02N., 0° 42'·39E.  
53° 35'·91N., 0° 43'·83E.  
53° 37'·24N., 0° 50'·11E.  
(c) 53° 37'·14N., 0° 51'·84E.  
(d) 53° 38'·50N., 1° 02'·48E.  
(e) 53° 40'·76N., 1° 09'·39E.  
(E border)

legend, *Planned*, along:

(a)-(b) above  
(c)-(d) above  
(d)-(e) above

#### Chart 1503 (INT 1509) [ previous update 5887/17 ] ETRS89 DATUM

Insert submarine power cable,   , joining:

53° 37'·58N., 0° 55'·03E.  
(a) 53° 37'·95N., 0° 58'·82E.  
(b) 53° 38'·26N., 1° 00'·89E.  
(N border)

legend, *Planned*, along:

(a)-(b) above

## II

### 220 IRELAND - East Coast - Belfast Lough - Buoyage.

Source: Belfast Harbour Notice 11/17


#### Chart 1752 (INT 1664) (Panel, Belfast Docks) [ previous update 168/18 ] ETRS89 DATUM

Insert  *Fl.Y.5s (sync) BLC MB6* 54° 38'·844N., 5° 50'·856W.


#### Chart 1752 (INT 1664) [ previous update 168/18 ] ETRS89 DATUM

Insert  *Fl.Y.5s (sync) BLC MB3* 54° 40'·438N., 5° 50'·760W.

 *Fl.Y.5s (sync) BLC MB4* 54° 39'·816N., 5° 50'·826W.

 *Fl.Y.5s (sync) BLC MB5* 54° 39'·354N., 5° 50'·850W.

 *Fl.Y.5s (sync) BLC MB6* 54° 38'·844N., 5° 50'·856W.

Move  *Fl.Y.5s (sync) BLC MB1*, from: 54° 41'·666N., 5° 50'·566W.

to: 54° 41'·724N., 5° 50'·615W.

 *Fl.Y.5s (sync) BLC MB2*, from: 54° 41'·262N., 5° 50'·604W.

to: 54° 41'·082N., 5° 50'·658W.

Delete  *Fl.Y.5s (sync) BLC MB3* 54° 40'·859N., 5° 50'·654W.

 *Fl.Y.5s (sync) BLC MB4* 54° 40'·456N., 5° 50'·693W.

 *Fl.Y.5s (sync) BLC MB5* 54° 40'·053N., 5° 50'·735W.

 *Fl.Y.5s (sync) BLC MB6* 54° 39'·100N., 5° 50'·821W.

#### Chart 1753 (INT 1661) [ previous update 168/18 ] ETRS89 DATUM

Insert  *Fl.Y.5s* 54° 39'·82N., 5° 50'·83W.  
54° 39'·35N., 5° 50'·85W.

Move  *Fl.Y.5s*, from: 54° 41'·67N., 5° 50'·56W.

to: 54° 41'·72N., 5° 50'·61W.

 *Fl.Y.5s*, from: 54° 41'·26N., 5° 50'·61W.

to: 54° 41'·08N., 5° 50'·66W.

 *Fl.Y.5s*, from: 54° 40'·86N., 5° 50'·65W.

to: 54° 40'·44N., 5° 50'·76W.

 *Fl.Y.5s*, from: 54° 39'·10N., 5° 50'·82W.

to: 54° 38'·84N., 5° 50'·86W.

Delete  *Fl.Y.5s* 54° 40'·46N., 5° 50'·69W.  
54° 40'·05N., 5° 50'·74W.

## II

### 224\* SCOTLAND - Firth of Clyde - Sound of Pladda - Legend. Depth.

Source: Bob Bradfield

**Chart 2220** [ *previous update 4736/17* ] ETRS89 DATUM

Insert legend, *Less water (2017)*, centred on:

(a) 55° 26′.13N., 5° 07′.23W.

Delete depth, 3<sub>8</sub>, close NE of:

(a) above


## II

### 225 SCOTLAND - West Coast - Loch Tarbert - Rock. Depth.

Source: Bob Bradfield

Chart 2481 [ *previous update 349/17* ] ETRS89 DATUM

Insert

 with seabed type, *R*

(a) 55° 57'·86N., 5° 57'·20W.

Delete

depth, 2<sub>6</sub>, close S of:

(a) above



## II

**206 NORWAY - West Coast - Lofoten N - Depth.**  
Source: ENC NO3B2424

**Chart 2327** [ *previous update 679/17* ] WGS84 DATUM

Insert depth, 87, enclosed by 100m contour

68° 25'·80N., 13° 34'·82E.

**Chart 2328** [ *previous update 3984/16* ] WGS84 DATUM

Insert depth, 87, enclosed by 100m contour

68° 25'·80N., 13° 34'·82E.

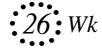
## II

### 103 POLAND - Approaches to Kolobrzeg - Wreck.

Source: Polish Notice 48/634/17

Chart 2014 (INT 1219) [ *previous update 4834/17* ] WGS84 DATUM

Insert



54° 22'·78N., 15° 24'·66E.

## II

### 123 FINLAND - South Coast - Bockholmen - Light.

Source: Finnish Notice 33/356/17

Chart 2256 (Panel B, Pellinki/Pellinge) [ *previous update 5319/17* ] WGS84 DATUM

Delete ★ Oc.WRG.3s occas BOCKHOLMEN and associated

sectors

60° 11'·87N., 25° 54'·13E.

## II

### 126 FINLAND - South Coast - Approaches to Hanko - Firing practice area. Radio reporting line. Legend.

Source: New Edition of GB Chart 2297 published 21 December 2017

#### Chart 2241 [ previous update 44/18 ] WGS84 DATUM

Insert	limit of firing practice area, pecked line, joining:	59° 45′.00N., 22° 39′.70E. (omission of detail limit) 59° 42′.66N., 22° 30′.86E. 59° 43′.96N., 22° 29′.21E. (omission of detail limit)
	radio reporting line, outbound only, pecked line, joining:	(a) 59° 43′.22N., 22° 29′.93E. (existing limit) (b) 59° 44′.47N., 22° 50′.22E. (existing limit)
	legend, <i>GOFREP</i> , along:	(a)-(b) above

## II

### 127 SWEDEN - West Coast - Laholmsbukten - Buoy.

Source: Swedish Notice 680/12559/17

**Chart 875 (INT 1320)** [ *previous update 4864/17* ] WGS84 DATUM

Delete



56° 33'·90N., 12° 43'·25E.

**Chart 2108 (INT 1302)** [ *previous update 3136/17* ] WGS84 DATUM

Delete



56° 33'·90N., 12° 43'·25E.

## II

### 138 SWEDEN - East Coast - Krongrundet NE - Pilot boarding place.

Source: Swedish Notice 680/12509/17

Chart 2843 (INT 1224) [ *previous update 5347/17* ] WGS84 DATUM

Move

①, from:

56° 42'·55N., 16° 26'·50E.

to:

56° 42'·70N., 16° 26'·30E.

## II

### 142 SWEDEN - East Coast - Fredriksskans - Alongside depths.

Source: Swedish Notice 680/12701/17

**Chart 956 (INT 1242) (Panel B, Gävle)** [ *previous update 1740/17* ] WGS84 DATUM

Insert	alongside depth, (7)	60° 41′.404N., 17° 12′.689E.
	alongside depth, (8 <sub>7</sub> )	60° 41′.384N., 17° 12′.988E.
Replace	alongside depth, (7 <sub>4</sub> ), with alongside depth, (7 <sub>3</sub> ), centred on:	60° 41′.402N., 17° 12′.736E.
	alongside depth, (9), with alongside depth, (8 <sub>9</sub> ), centred on:	60° 41′.477N., 17° 13′.157E.

## II

**148 POLAND - Szczecin - Parnica and Basen Górniczy - NM Block.**

Source: Polish Notice 47/620/17

**Chart 2676 (INT 1299) (Panel A, Szczecin)** [ *previous update 6043/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 53° 24'·6N., 14° 36'·1E.



## II

**159 SWEDEN - West Coast - Approaches to Limhamn - NM Block. Lights. Leading line.**

Source: Swedish Notice 680/12665/17

**Chart 903 (INT 1333)** [ *previous update 472/17* ] WGS84 DATUM

Delete      ★ 2 F.R.      (a) 55° 35'·14N., 12° 55'·38E.  
            ★, close W of:      (a) above  
            leading line, firm line, extending in direction 276·4°, from:      (a) above

**Chart 911 (INT 1322) (Panel A, Continuation to Limhamn)** [ *previous update 6150/16* ] WGS84 DATUM

Insert      the accompanying block, centred on:      55° 35'·2N., 12° 54'·8E.

**Chart 2595 (INT 1332)** [ *previous update 95/18* ] WGS84 DATUM

Delete      ★ 2 F.R.      (a) 55° 35'·14N., 12° 55'·38E.  
            ★, close W of:      (a) above  
            leading line, firm line, extending in direction 276·4°, from:      (a) above

## II

### 163 SWEDEN - East Coast - Luleå - Buoyage.

Source: Swedish Notice 680/12557/17

Chart 1010 [ *previous update 3827/17* ] WGS84 DATUM

Insert



65° 34'·76N., 22° 09'·12E.

65° 34'·55N., 22° 09'·23E.

(dredged limit)



65° 34'·73N., 22° 09'·52E.

65° 34'·52N., 22° 09'·75E.

## II

**188** POLAND - Szczecin - Wyspa Grodzka SE - Light.

Source: Polish Notice 48/635/17

**Chart 2676 (INT 1299) (Panel A, Szczecin)** [ *previous update 148/18* ] WGS84 DATUM

Amend light to, Oc.G.4s

53° 25′.743N., 14° 34′.649E.

## II

**189 ESTONIA - Tahkuna poolsaar N - Buoy.**

Source: Estonian Notice 12/180/17

**Chart 2241** [ *previous update 126/18* ] WGS84 DATUM

Delete



59° 12′.79N., 22° 38′.60E.

## II

**202 SWEDEN - West Coast - Tjorn - Koholmen W - Buoyage.**  
Source: Swedish Notice 681/12683/17

**Chart 870 (INT 1310)** [ *previous update 5979/17* ] WGS84 DATUM

Insert



(a) 57° 56′.78N., 11° 31′.95E.

Delete



, close NE of:

(a) above

**Chart 873 (INT 1315)** [ *previous update 5980/17* ] WGS84 DATUM

Insert



(a) 57° 56′.78N., 11° 31′.95E.

Delete



, close NE of:

(a) above

## II

**211 SWEDEN - West Coast - Öckerö - Light.**

Source: Swedish Notice 681/12671/17

**Chart 858 (INT 1316)** [ *previous update 3608/17* ] WGS84 DATUM

Insert

★ Iso 7s 3M






57° 42′·26N., 11° 39′·75E.  
(breakwater)

## II

### 227 SWEDEN - East Coast - Approaches to Norrköping - Buoy. Anchorage area. Light-beacons. Leading line.

Source: Swedish Notice 681/12717/17

Chart 847 (INT 1231) (Panel B, Norrköpings Hamn) [ *previous update 3750/17* ] WGS84 DATUM

Replace	 Fl R 3s Nr 55, with  Nr 55	58° 36'·434N., 16° 13'·760E.
Delete		58° 37'·330N., 16° 14'·942E.
		(a) 58° 37'·358N., 16° 14'·611E.
	 2 F G, close SE of:	(a) above
	leading line, pecked line, extending in direction 112°, from:	(a) above

## II

### 112 NETHERLANDS - IJmuiden NW - Depth.

Source: Netherlands Notice 49/369/17

Note: This update is included in New Edition 125, published 4 January 2018.

#### Chart 1408 [ *previous update 5988/17* ] WGS84 DATUM

Insert depth, 9<sub>5</sub> , enclosed by 10m contour

52° 30'·3N., 4° 28'·7E.

#### Chart 1631 (INT 1418) [ *previous update 5376/17* ] WGS84 DATUM

Insert depth, 9<sub>5</sub> , enclosed by 10m contour

52° 30'·33N., 4° 28'·68E.



## II

### 113 NETHERLANDS - Sluische Hompels - Depths.

Source: Netherlands Notice 49/371/17

#### Chart 116 (INT 1477) [ *previous update 5962/17* ] WGS84 DATUM

Insert	depth, 2 <sub>7</sub>	(a)	51° 25′.95N., 3° 26′.40E.
Delete	depth, 3 <sub>5</sub> , close NW of:	(a)	above
	depth, 4, close SE of:	(a)	above

#### Chart 1872 [ *previous update 5527/17* ] WGS84 DATUM

Insert	depth, 2 <sub>7</sub>	(a)	51° 25′.95N., 3° 26′.40E.
Delete	depth, 3 <sub>5</sub> , close W of:	(a)	above

#### Chart 1874 (INT 1474) [ *previous update 5527/17* ] WGS84 DATUM



Insert	depth, 2 <sub>7</sub>	(a)	51° 25′.95N., 3° 26′.40E.
Delete	depth, 3 <sub>5</sub> , close W of:	(a)	above

## II

### 114 NETHERLANDS - Maasvlakte - Beerkanaal and Prinses Alexiahaven - Light. Buoyage.

Source: Netherlands Notices 49/364/17 and 49/373/17

#### Chart 207 (INT 1465) (Part A, Nieuwe Waterweg) [ previous update 5740/17 ] WGS84 DATUM













Insert	★ F.R	51° 56′.90N., 4° 04′.60E.
Move	 Fl(3)Y.10s AL-H from:	51° 57′.99N., 3° 59′.12E.
	to:	51° 58′.01N., 3° 59′.07E.
Move	 Fl.Y.5s AL-G from:	51° 58′.07N., 3° 59′.13E.
	to:	51° 58′.20N., 3° 59′.24E.

## II

**203 NETHERLANDS - Approaches to Harlingen and Robbenhoek - Lights. Buoyage.**

Source: Netherlands Notices 50/375/17, 50/380/17 and 51/386/17

**Chart 1457 (INT 1464) (Panel A, Approach Harlingen) [ previous update New Chart 12/10/2017 ] WGS84 DATUM**

Amend	light to, Fl(2+1)R.10s	53° 10′.70N., 5° 24′.85E.
	light to, Fl(2+1)G.10s	53° 10′.53N., 5° 24′.63E.
Replace	 P12 with,  P12	(a) 53° 10′.86N., 5° 22′.96E.
	 P14 with,  P14	53° 10′.83N., 5° 23′.09E.
	 P16 with,  P16	(b) 53° 10′.80N., 5° 23′.21E.
	 P18 with,  P18	53° 10′.77N., 5° 23′.34E.
Delete	 P 10A, close NW of:	(a) above
	 P 12A, close SE of:	(a) above
	 P 14A, close NW of:	(b) above
	 P 16A, close SE of:	(b) above

**Chart 1457 (INT 1464) [ previous update New Chart 12/10/2017 ] WGS84 DATUM**

Delete	 OBSTN-NM	53° 18′.38N., 5° 14′.15E.
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## II

### 102 FRANCE - North Coast - Ridens de Dieppe NW - Buoy.

Source: French Notice 48/46/17

**Chart 2148** [ *previous update 1667/17* ] WGS84 DATUM


Insert

 *Fl(5)Y.20s ODAS*

50° 07′ 43N., 1° 00′ 85E.

**Chart 2451 (INT 1704)** [ *previous update 4679/17* ] WGS84 DATUM

Insert

 *Fl(5)Y.20s ODAS*

50° 07′ 43N., 1° 00′ 85E.


## II

### 131 SPAIN - North Coast - Santander N - Buoy.

Source: Spanish Notice 48/428/17

Chart 1291 (INT 1806) [ *previous update 4237/17* ] WGS84 DATUM

Move

 Q(5)Y.20s ODAS, from:

43° 53'·5N., 3° 47'·4W.

to:

43° 54'·6N., 3° 46'·0W.

## II

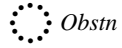
### 140 FRANCE - North Coast - Approaches to Port du Havre-Antifer - Obstruction.

Source: French Chart 7418

*Note:* Light-buoy A23 remains unchanged.

**Chart 2146 (INT 1750)** [ *previous update 3923/17* ] WGS84 DATUM

Insert





49° 39′.92N., 0° 05′.52E.

## II

### 122 GREECE - Aegean Sea Coast - Nisos Sikinos - Submarine power cables.

Source: Greek Notices 10/174/17 and 10/177/17

#### Chart 1037 [ *previous update 6350/16* ] WGS84 DATUM

Insert submarine power cable,   $\zeta$  , joining:

36° 41'·15N., 25° 09'·38E.

(shore)

36° 40'·75N., 25° 09'·75E.

36° 39'·41N., 25° 09'·88E.

36° 37'·86N., 25° 07'·95E.

36° 36'·55N., 25° 04'·83E.

36° 35'·58N., 25° 01'·03E.

36° 35'·53N., 24° 59'·43E.

36° 36'·04N., 24° 58'·57E.

(existing cable)

and

36° 41'·60N., 25° 10'·06E.

(shore)


36° 41'·57N., 25° 10'·46E.

36° 43'·33N., 25° 13'·56E.

36° 43'·11N., 25° 14'·63E.

(existing cable)

#### Chart 1095 [ *previous update 5414/17* ] WGS84 DATUM

Insert submarine power cable,   $\zeta$  , joining:

36° 41'·1N., 25° 09'·4E.

(shore)

36° 40'·7N., 25° 09'·7E.

36° 39'·4N., 25° 09'·9E.

36° 37'·9N., 25° 07'·9E.

36° 36'·5N., 25° 04'·8E.

36° 35'·6N., 25° 01'·0E.

36° 35'·5N., 24° 59'·4E.

36° 36'·0N., 24° 58'·6E.

(existing cable)

and

36° 41'·6N., 25° 10'·1E.

(shore)

36° 41'·6N., 25° 10'·5E.

36° 43'·3N., 25° 13'·6E.

36° 43'·1N., 25° 14'·5E.

(existing cable)

## II

### 137 SPAIN - Mediterranean Sea Coast - Puente Mayorga - Light.

Source: Spanish Lights List

**Chart 1448** [ *previous update 5317/17* ] WGS84 DATUM

Amend light to, Fl.R.4s

36° 10'·63N., 5° 23'·13W.

**Chart 1455** [ *previous update 2827/17* ] WGS84 DATUM

Amend light to, Fl.R.4s6m3M

36° 10'·632N., 5° 23'·131W.



## II

### 147 ITALY - West Coast - Torre Annunziata S - NM Blocks. Breakwaters.

Source: Italian Notice 12.8/17 and UKHO

#### Chart 908 [ *previous update 3718/17* ] WGS84 DATUM

Insert breakwater, single firm line, joining: 40° 44′.62N., 14° 27′.58E.  
(shore)  
40° 44′.56N., 14° 27′.53E.  
40° 44′.49N., 14° 27′.54E.  
and  
40° 44′.61N., 14° 27′.60E.  
(shore)  
40° 44′.57N., 14° 27′.58E.  
40° 44′.50N., 14° 27′.58E.

#### Chart 916 (Panel H, Torre Annunziata) [ *previous update 3829/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 40° 44′.6N., 14° 27′.5E.

#### Chart 916 (Panel I, Approaches to Castellammare di Stabia and Torre Annunziata) [ *previous update 3829/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 40° 44′.5N., 14° 27′.5E.

## II

### 149 GREECE - Aegean Sea Coast - Díavlos Lámna / Müsellim Geçidi - NM Block. Depths. Rocks.



Source: UKHO

#### Chart 1061 [ *previous update 5586/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 39° 25′.2N., 26° 15′.9E.



#### Chart 1086 [ *previous update 4512/17* ] WGS84 DATUM

Insert depth, 16<sub>9</sub>, and extend 20m contour SW to enclose 39° 24′.5N., 26° 15′.1E.

Replace , with depth, , with seabed type, R (a) 39° 25′.2N., 26° 14′.7E.

Delete depth, 29, and associated 50m contour, close NE of: (a) above

#### Chart 1087 [ *previous update 4017/17* ] WGS84 DATUM

Replace , with depth, , with seabed type, R (a) 39° 25′.2N., 26° 14′.7E.

Delete depth, 4<sub>5</sub>, with seabed type R, close N of: (a) above

depth, 29, and associated 50m contour, close NE of: (a) above

## II

### 167 BLACK SEA - Approaches to Kerch Strait - Spoil ground.

Source: Russian Notice 48/6270/17

#### Chart 2216 [ *previous update New Edition 02/11/2017* ] WGS84 DATUM

Insert circular limit of spoil ground, radius 1M, pecked line, centred  
on: (a) 44° 57'·00N., 36° 41'·40E.  
legend, *Spoil Ground Area No 942*, within: (a) above

#### Chart 2233 [ *previous update 5331/17* ] WGS84 DATUM

Insert circular limit of spoil ground, radius 1M, pecked line, centred  
on: (a) 44° 57'·0N., 36° 41'·4E.  
legend, *Spoil Ground*, within: (a) above

## II

### 196 CROATIA - Vela Vrata - Automatic Identification System.

Source: Croatian Notice 11/2/17

#### Chart 204 [ *previous update 5948/17* ] WGS84 DATUM

Insert Automatic Identification System, AIS, at light: 45° 08′.3N., 14° 13′.4E.

#### Chart 2719 [ *previous update 2203/17* ] WGS84 DATUM

Insert Automatic Identification System, AIS, at light: 45° 08′.28N., 14° 13′.39E.

## II


### 197 CROATIA - Murtersko More NW - Beacon. Rock.

Source: Croatian Notice 11/5/17

*Note:* Danger line surrounding rock remains unchanged

**Chart 2711** [*previous update 2238/17*] WGS84 DATUM

Replace

+ , with 

43° 48'·21N., 15° 22'·77E.


## II

### 213 EGYPT - North Coast - Port Said NW - Buoy. Submarine pipeline. Legend.

Source: Egyptian Notice 3/15 and Telconsult Marine

Note: Former Notice 5717(T)/17 is cancelled.



#### Chart 183 [ previous update 5412/17 ] WGS84 DATUM

Insert submarine pipeline, , joining:

(a) 31° 24'·6N., 32° 12'·2E.  
(b) 31° 18'·5N., 32° 09'·8E.  
(shore)  
(a)-(b) above

legend, *Gas*, along:



#### Chart 241 (INT 3548) [ previous update 3785/17 ] WGS84 DATUM

Insert  (6 buoys)  
submarine pipeline, , joining:

(a) 31° 24'·64N., 32° 12'·18E.  
(a) above  
(b) 31° 22'·09N., 32° 11'·20E.  
(W border)  
(a)-(b) above

legend, *Gas*, along:



#### Chart 2573 (INT 3500) [ previous update 5149/17 ] WGS84 DATUM

Insert  (6 buoys)  
submarine pipeline, , joining:

(a) 31° 24'·6N., 32° 12'·2E.  
(a) above  
(b) 31° 18'·5N., 32° 09'·8E.  
(shore)  
(a)-(b) above

legend, *Gas*, along:

#### Chart 2578 (INT 3550) [ previous update 5149/17 ] WGS84 DATUM

Insert  (6 buoys)  
submarine pipeline, , joining:

(a) 31° 24'·64N., 32° 12'·18E.  
(a) above  
(b) 31° 18'·48N., 32° 09'·81E.  
(shore)  
(a)-(b) above

legend, *Gas*, along:

## II

**230 TURKEY - South Coast - Fethiye Adası W, Yılanlık Ad.and Fethiye - Buoyage. Light.  
Light-beacon.**

Source: TR300312\_ED5\_002

Note: Chart 1644 - AIS remains unchanged

**Chart 180** [ *previous update 4295/17* ] UNDETERMINED DATUM

Amend light to, Fl.15M 36° 39'·4N., 29° 02'·6E.

**Chart 1054** [ *previous update 6026/17* ] WGS84 DATUM

Delete  Fl(5)Y.20s Wave recorder 36° 45'·89N., 28° 25'·56E.

**Chart 1644 (Panel E, Fethiye)** [ *previous update 5974/17* ] WGS84 DATUM

Replace  VQ.7m5M with  Q 36° 38'·76N., 29° 05'·15E.

## II

**232 GEORGIA - Bat'umi - Radar beacon.**

Source: Georgian Notice 12/22/17

**Chart 3313** [ *previous update 9/12/16* ] WGS84 DATUM

Insert radar beacon, Racon(B), at light 41° 38'·96N., 41° 38'·88E.

**Chart 3317 (Panel C, Bat'umi)** [ *previous update New Edition 20/07/2017* ] WGS84 DATUM

Insert radar beacon, Racon(B), at light 41° 38'·97N., 41° 38'·93E.



## II

### 194 MOZAMBIQUE - Approaches to Maputo and Rio Espírito Santo - Legends.

Source: Porto de Maputo

#### Chart 644 (INT 7581) [ previous update 4346/17 ] WGS84 DATUM

Insert legend, *Vertical Clearances (see PNM 187(P)/18)*, centred on: 25° 36′.82S., 32° 53′.38E.

#### Chart 646 [ previous update 4346/17 ] WGS84 DATUM

Insert legend, *Vertical Clearances (see PNM 187(P)/18)*, centred on: 25° 55′.81S., 32° 45′.26E.  
legend, (*see PNM 187(P)/18*), centred on 25° 58′.64S., 32° 33′.26E.

## II

### 104 IRAN - Jāsk - Lights.

Source: ENC IR405003

#### Chart 2851 [ *previous update New Edition 09/11/2017* ] WGS84 DATUM

Amend light to, Fl(2)10s12M 25° 38′.2N., 57° 46′.0E.

#### Chart 2888 (INT 7199) (Panel A, Jāsk) [ *previous update 5541/17* ] WGS84 DATUM

Insert ★ Fl.R.5s7M 25° 38′.91N., 57° 45′.97E.

Amend light to, Fl.G.5s7M 25° 38′.93N., 57° 45′.83E.

light to, Fl(2)10s32m12M 25° 38′.18N., 57° 45′.86E.

#### Chart 2888 (INT 7199) [ *previous update 5541/17* ] WGS84 DATUM

Amend light to, Fl(2)10s12M 25° 38′.1N., 57° 45′.9E.

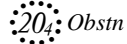
## II

### 173 UNITED ARAB EMIRATES - Az Zorah Oilfield NE, Umm Ad Dalkh Oilfield N and Epsilon Oilfield NE - Obstructions.

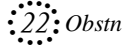
Source: SHOM

#### Chart 2442 [ previous update 5502/17 ] WGS84 DATUM

Insert



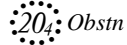
25° 18′.06N., 54° 32′.55E.



25° 17′.65N., 54° 33′.68E.

#### Chart 2837 (INT 7017) [ previous update 5541/17 ] WGS84 DATUM

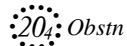
Insert



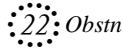
25° 18′.1N., 54° 32′.5E.

#### Chart 2887 (INT 7232) [ previous update 5502/17 ] WGS84 DATUM

Insert



25° 18′.1N., 54° 32′.5E.

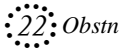


25° 17′.6N., 54° 33′.7E.

25° 40′.6N., 55° 14′.6E.

#### Chart 2888 (INT 7199) [ previous update 104/18 ] WGS84 DATUM

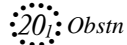
Insert



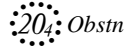
25° 40′.6N., 55° 14′.6E.

#### Chart 2889 (INT 7211) [ previous update 5484/17 ] WGS84 DATUM

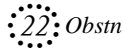
Insert



24° 45′.5N., 54° 08′.0E.



25° 18′.1N., 54° 32′.5E.

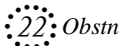


25° 17′.6N., 54° 33′.7E.

25° 40′.6N., 55° 14′.6E.

#### Chart 3175 (INT 7212) [ previous update 58/18 ] WGS84 DATUM

Insert

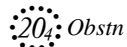


25° 40′.65N., 55° 14′.59E.

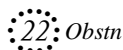
25° 17′.65N., 54° 33′.68E.

#### Chart 3176 (INT 7216) [ previous update 58/18 ] WGS84 DATUM

Insert



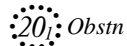
25° 18′.06N., 54° 32′.55E.



25° 17′.65N., 54° 33′.68E.

#### Chart 3177 (INT 7222) [ previous update 2202/17 ] WGS84 DATUM

Insert



24° 45′.53N., 54° 07′.96E.

## II


**174 KUWAIT - Minā' al Aḥmadī - Piers. Berth. Maritime limit. Buoy. Legend.**

Source: MENAS Notice 19/17 and Kuwaiti Notice 10/17

**Chart 1223 (Panel A, Minā' 'Abd Allāh, Minā' Ash Shu'aybah and Minā' al Aḥmadī) [ previous update 3664/17 ]**  
WGS84 DATUM

Insert	pier, single firm line, joining:	29° 03'·39N., 48° 09'·16E. (shore) 29° 03'·52N., 48° 09'·61E. (existing pier) and 29° 03'·52N., 48° 09'·62E. (existing pier) 29° 03'·59N., 48° 09'·88E. 29° 03'·40N., 48° 09'·95E.
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**Chart 1223 (Panel B, Minā' Ash Shu'aybah and Minā' al Aḥmadī) [ previous update 3664/17 ]** WGS84 DATUM

Insert	pier, single firm line, joining:	29° 03'·387N., 48° 09'·165E. (shore) 29° 03'·517N., 48° 09'·610E. (existing pier) and 29° 03'·519N., 48° 09'·619E. (existing pier) 29° 03'·591N., 48° 09'·864E.
	pier, double firm line, width 37m, joining:	29° 03'·597N., 48° 09'·874E. 29° 03'·399N., 48° 09'·951E.
	berth number, 30	29° 03'·487N., 48° 09'·916E.
Delete	maritime limit, pecked line, joining:	(a) 29° 03'·666N., 48° 09'·998E. (pier) 29° 03'·330N., 48° 10'·110E. 29° 03'·270N., 48° 09'·880E. 29° 03'·410N., 48° 09'·840E. 29° 03'·210N., 48° 09'·110E. (shore)
	legend, Pier under construction (2015) (marked by buoys), centred on:	29° 03'·468N., 48° 09'·826E.
	 <i>FL.YN 4</i> , close SE of:	(a) above

## II

### 201\* KUWAIT - Outer Shuwaykh Channel and Minā' Ash Shuwaykh - Obstructions. Depths.

Source: SHOM

#### Chart 1214 (Panel, Minā' Ash Shuwaykh) [ *previous update 4990/17* ] WGS84 DATUM

Insert	depth, 7 <sub>9</sub> , enclosed by danger line, <i>Obstn Rep (2017)</i>	29° 24'·86N., 47° 58'·90E.
	depth, 7 <sub>8</sub> , <i>Rep (2017)</i>	(a) 29° 21'·33N., 47° 56'·24E.
	depth, 9 <sub>3</sub> , enclosed by danger line, <i>Obstn Rep (2017)</i>	29° 21'·17N., 47° 55'·87E.
	depth, 9, <i>Rep (2017)</i>	29° 21'·07N., 47° 55'·85E.
Delete	depth, 8 <sub>1</sub> , close NE of:	(a) above

## II

### 128 INDIA - West Coast - Diu Head E - Rock.

Source: Indian Chart 2081

**Chart 1474 (INT 7328)** [ *previous update 2180/17* ] WGS84 DATUM

Insert



20° 41'·5N., 70° 51'·9E.

**Chart 1475** [ *previous update 5440/16* ] WGS84 DATUM

Insert



20° 41'·47N., 70° 51'·92E.

**Chart 1477** [ *previous update 1550/17* ] WGS84 DATUM

Insert



20° 41'·47N., 70° 51'·92E.

## II

### 177 INDIAN OCEAN - Îles Kerguelen - Baie de l'Aurore Australe to Île Murray - Recommended tracks.

Source: French Chart 7358

#### Chart 2398 (Panel, Baie du Morbihan) [ *previous update 1055/17* ] WGS84 DATUM

Delete	recommended track, pecked line, and associated legend, 120°-300°, joining:	49° 21'·29S., 70° 04'·76E. ( ⊙Bn)
		(a) 49° 22'·36S., 70° 07'·65E.
	recommended track, pecked line, and associated legend, 145°-325°, joining:	(a) above 49° 31'·13S., 70° 17'·03E.
	recommended track, pecked line, and associated legend, 000°-180°, joining:	49° 22'·84S., 70° 09'·66E. (leading line) 49° 24'·22S., 70° 09'·65E.

## II

### 191 INDIAN OCEAN - Îles Crozet - Legends. Note.

Source: French Chart 6498

#### Chart 4712 [ *previous update 4733/17* ] WGS84 DATUM

Insert	the accompanying note, ÎLES CROZET	outside N border, W of note, MARINE NATURE RESERVE
	legend, ÎLES CROZET (see Note) centred on:	46° 09'·7S., 50° 56'·6E.
Delete	legend, ÎLES CROZET, centred on:	45° 57'·1S., 51° 52'·9E.



## II

### 212 ANDAMAN SEA - Sular Nge Islands - Legend.

Source: US Chart 63440 and UKHO

**Chart 216** [ *previous update 674/17* ] WGS84 DATUM

Insert legend, Islands Rep to lie up to approx 3M from charted positions, centred on:

11° 37'·9N., 97° 33'·6E.

## II

### 217 INDIAN OCEAN - Île Amsterdam - Marine Reserve.

Source: French Chart 7171

#### Chart 4711 [ previous update 1152/12 ] WGS84 DATUM

Insert limit of marine reserve,  $\uparrow\uparrow\uparrow\uparrow$  MR  $\uparrow\uparrow\uparrow\uparrow$ , joining:

- (a) 37° 30'·0S., 77° 00'·0E.
  - (b) 37° 15'·0S., 77° 30'·0E.
  - (c) 37° 30'·0S., 78° 00'·0E.
  - (d) 37° 45'·0S., 78° 15'·0E.
  - (e) 38° 45'·0S., 78° 15'·0E.
  - (f) 39° 00'·0S., 78° 00'·0E.
  - (g) 39° 15'·0S., 77° 30'·0E.
  - (h) 39° 00'·0S., 77° 00'·0E.
- (a)-(h) above

legend, *Marine Reserve* (see Note), within:

#### Chart 4713 [ previous update 4824/16 ] UNDETERMINED DATUM

Insert limit of marine reserve,  $\uparrow\uparrow\uparrow\uparrow$  MR  $\uparrow\uparrow\uparrow\uparrow$ , joining:

- (a) 37° 30'·0S., 77° 00'·0E.
  - (b) 37° 15'·0S., 77° 30'·0E.
  - (c) 37° 30'·0S., 78° 00'·0E.
  - (d) 37° 45'·0S., 78° 15'·0E.
  - (e) 38° 45'·0S., 78° 15'·0E.
  - (f) 39° 00'·0S., 78° 00'·0E.
  - (g) 39° 15'·0S., 77° 30'·0E.
  - (h) 39° 00'·0S., 77° 00'·0E.
- (a)-(h) above

legend, *Marine Reserve*, within:

#### Chart 4714 (INT 714) [ previous update New Edition 20/08/2015 ] WGS84 DATUM

Insert limit of marine reserve,  $\uparrow\uparrow\uparrow\uparrow$  MR  $\uparrow\uparrow\uparrow\uparrow$ , joining:

- (a) 38° 50'·0S., 77° 00'·0E.  
(S border)
  - (b) 37° 30'·0S., 77° 00'·0E.
  - (c) 37° 15'·0S., 77° 30'·0E.
  - (d) 37° 30'·0S., 78° 00'·0E.
  - (e) 37° 45'·0S., 78° 15'·0E.
  - (f) 38° 45'·0S., 78° 15'·0E.
  - (g) 38° 50'·0S., 78° 10'·0E.  
(S border)
- (a)-(g) above

legend, *Marine Reserve*, within:

## II

### 231 INDIA - West Coast - Salāya Harbour - Pilot boarding place. Legend.

Source: Indian Chart 2051

Chart IN 203 (INT 7319) [ *previous update 5047/17* ] INDIAN DATUM

Insert



legend, *Buoyed Channel*, orientated NW/SE, centred on:

22° 29′.97N., 69° 31′.59E.

22° 27′.25N., 69° 32′.60E.

## II

### 115\* SINGAPORE - Keppel Harbour - Marina South and Selat Sengkir - Buoyage.

Source: Maritime and Port Authority of Singapore

**Chart 4037** [ *previous update 4579/17* ] WGS84 DATUM

Insert	symbol, mooring can buoy, <i>MS 37</i>	1° 16′.456N., 103° 52′.338E.
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
Delete	symbol, mooring buoy, <i>MPA Brani 2</i>	1° 15′.363N., 103° 49′.641E.
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## II




**132\* SINGAPORE - Pulau Ubin (Singapore) and Changi East NE - Buoyage. Maritime limit.**  
**Legend.**

Source: Maritime and Port Authority of Singapore

**Chart 4043** [ *previous update 5724/17* ] WGS84 DATUM

Insert	symbol, mooring can buoy, <i>U-1</i>	1° 23′.99N., 103° 58′.22E.
Delete	maritime limit, pecked line, joining:	(a) 1° 20′.87N., 104° 01′.75E. (shore)
		(b) 1° 20′.50N., 104° 02′.10E. (  CEF04 )
		(c) 1° 20′.50N., 104° 02′.39E. (  CEF01 )
		(d) 1° 20′.71N., 104° 02′.36E.
		(e) 1° 20′.71N., 104° 02′.63E.
		(f) 1° 20′.84N., 104° 02′.82E.
		(g) 1° 21′.24N., 104° 02′.83E.
		(h) 1° 21′.47N., 104° 02′.52E.
		(i) 1° 21′.34N., 104° 02′.42E. (shore)
	legend, Works in progress (2017), within:	(a)- (i) above
	 <i>Fl.Y.4s CEF03</i>	(f) above

**Chart 4044** [ *previous update 5724/17* ] WGS84 DATUM

Insert	symbol, mooring can buoy, <i>U-1</i>	1° 23′.99N., 103° 58′.22E.
Delete	maritime limit, pecked line, joining:	(a) 1° 20′.87N., 104° 01′.75E. (shore)
		(b) 1° 20′.50N., 104° 02′.10E. (  CEF04 )
		(c) 1° 20′.50N., 104° 02′.39E. (  CEF01 )
		(d) 1° 20′.71N., 104° 02′.36E.
		(e) 1° 20′.71N., 104° 02′.63E.
		(f) 1° 20′.84N., 104° 02′.82E.
		(g) 1° 21′.24N., 104° 02′.83E.
		(h) 1° 21′.47N., 104° 02′.52E.
		(i) 1° 21′.34N., 104° 02′.42E. (shore)
	legend, Works in progress (2017), within:	(a)- (i) above
	 <i>Fl.Y.4s CEF03</i>	(f) above

**Chart 4044 (Panel A, Serangoon Harbour)** [ *previous update 5724/17* ] WGS84 DATUM





Insert	symbol, mooring can buoy, <i>U-1</i>	1° 23′.99N., 103° 58′.219E.
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## II






### 161\* SINGAPORE - Port of Singapore - Tuas View S and Temasek Fairway - Buoyage.

Source: Maritime and Port Authority of Singapore

#### Chart 4030 [ previous update 4654/17 ] WGS84 DATUM

Insert	 <i>Fl.Y.4s TSS4</i>	1° 16′.712N., 103° 38′.509E.
	 <i>Fl.Y.2s ADCP3TSS8</i>	1° 14′.385N., 103° 38′.835E.
	 <i>Fl.Y.4s TSS3</i>	1° 14′.095N., 103° 40′.097E.
	 <i>Fl.Y.2s ADCP4</i>	1° 13′.709N., 103° 40′.158E.

#### Chart 4031 [ previous update 4748/17 ] WGS84 DATUM

Insert	 <i>Fl.Y.2s ADCP3TSS8</i>	1° 14′.385N., 103° 38′.835E.
	 <i>Fl.Y.4s TSS3</i>	1° 14′.095N., 103° 40′.097E.
	 <i>Fl.Y.2s ADCP4</i>	1° 13′.709N., 103° 40′.158E.
	 <i>Fl.Y.4s TSS10</i>	1° 15′.074N., 103° 41′.943E.
	 <i>Fl.Y.4s TSS11</i>	1° 15′.227N., 103° 42′.381E.

#### Chart 4032 [ previous update 5728/17 ] WGS84 DATUM

Insert	 <i>Fl.Y.4s TSS10</i>	1° 15′.074N., 103° 41′.943E.
	 <i>Fl.Y.4s TSS11</i>	1° 15′.227N., 103° 42′.381E.

#### Chart 4033 [ previous update 4654/17 ] WGS84 DATUM

Insert	 <i>Fl.Y.4s TSS4</i>	1° 16′.712N., 103° 38′.509E.
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## II

### 164\* SINGAPORE - Port of Singapore - The Sisters, P. Tekukor and P. Sakijang Bendera (S. John's Island) - NM Blocks. Notes.

Source: Maritime and Port Authority of Singapore

Note: Chart 4037, see NM 165(P)/18

#### Chart 4036 [ *previous update New Edition 06/04/2017* ] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 12′.9N., 103° 50′.0E.
	the accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:	1° 09′.94N., 103° 49′.95E.

#### Chart 4040 [ *previous update 5829/17* ] WGS84 DATUM

Insert	the accompanying block, centred on:	1° 13′.0N., 103° 50′.5E.
	the accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:	1° 18′.37N., 103° 49′.02E.

#### Chart 4041 [ *previous update 6004/17* ] WGS84 DATUM


Insert	the accompanying block, centred on:	1° 13′.4N., 103° 50′.4E.
	the accompanying note, SISTERS' ISLANDS MARINE PARK, centred on:	1° 18′.42N., 103° 53′.81E.

## II











**106 CHINA - East Coast - Wu'an Shuidao and Shuidao Qiantan N - Buoyage.**

Source: Chinese Notices 48/1920-1922/17

**Chart 1719** [ *previous update 5911/17* ] CGCS 2000 DATUM

Insert		Fl(2+1)G.6s No 9	(a) 24° 18'·41N., 118° 12'·47E.
Delete		Q.G No 9, close SE of:	(a) above

**Chart 3449** [ *previous update 3210/17* ] WGS84 DATUM

Insert		Fl(2)R.6s No 114	24° 21'·07N., 118° 06'·49E.
		Fl.G.4s No 111	24° 20'·59N., 118° 07'·00E.
		Fl.R.4s No 112	24° 19'·81N., 118° 07'·37E.
		Fl(3)R.10s No 110	24° 19'·41N., 118° 07'·72E.
		Fl(2)G.6s No 107	24° 19'·17N., 118° 08'·18E.
Replace		VQ(6)+LFl.10s No 107, with,	
		Mo(O)Y.12s Houshi	
	No 1		24° 19'·11N., 118° 07'·79E.
		VQ(3)5s No 108, with,	
		Mo(O)Y.12s No 2	24° 18'·89N., 118° 07'·61E.



## II

### 109 CHINA - Bo Hai - Approaches to Tianjin Gang - Depths.

Source: Chinese Notice 48/1911/17

#### Chart 2645 [ *previous update 6027/17* ] CGCS 2000 DATUM

Delete depth,  $I_2$ , and associated 2m contour 38° 50'·27N., 117° 47'·96E.

#### Chart 2653 [ *previous update 6027/17* ] CGCS 2000 DATUM

Delete depth,  $3_1$ , and associated 5m contour 38° 51'·64N., 117° 45'·35E.

depth,  $1_9$ , and associated 2m contour 38° 50'·97N., 117° 45'·02E.

depth,  $I_2$ , and associated 2m contour 38° 50'·27N., 117° 47'·96E.

## II

### 125 CHINA - East Coast - Zhoushan Qundao SE - Platforms. Submarine pipelines. Submarine cable.

Source: Chinese Notice 47/1876/17

Chart 2412 [ previous update 6025/17 ] WGS84 DATUM

Insert



submarine pipeline, -----, joining:

- (a) 29° 12'·1N., 124° 58'·2E.
- (b) 29° 01'·4N., 124° 54'·7E.
- (c) 28° 58'·0N., 125° 05'·2E.
- (d) 28° 53'·4N., 125° 15'·8E.

(a) above

- (e) 29° 19'·3N., 125° 04'·2E.

(  )

(c) above

28° 31'·0N., 125° 00'·7E.

(  )

and

(e) above

(b) above

(c) above

(d) above

and

29° 04'·7N., 124° 54'·5E.

(existing pipeline)

(c) above

submarine cable, ~~~~, joining:

(a) above

(c) above

Chart 4509 (INT 509) [ previous update 35/18 ] WGS84 DATUM

Insert



submarine pipeline, -----, joining:

- (a) 29° 12'·1N., 124° 58'·2E.
- (b) 29° 01'·4N., 124° 54'·7E.
- (c) 28° 58'·0N., 125° 05'·2E.
- (d) 28° 53'·4N., 125° 15'·8E.

- (e) 29° 19'·4N., 125° 04'·1E.

(  )

(c) above

28° 30'·2N., 125° 00'·6E.

(  )

and

(e) above

(b) above

(c) above

(d) above

submarine cable, ~~~~, joining:

(a) above

(c) above

## II

**139 THAILAND - West Coast - Ko Luk Kam Tai - Light.**  
Source: US Chart 63440 and UKHO

**Chart 3052** [ *previous update 3311/14* ] WGS84 DATUM

Amend light to, Fl.8s77m15M





9° 27′.37N., 98° 19′.68E.

## II

### 155 CHINA - South Coast - Shanwei Gang - NM Block. Note. Depths. Ferry route. Buoyage.

Source: Chinese Chart 15343

#### Chart 1372 (Panel, Shanwei) [ *previous update 5919/17* ] CGCS 2000 DATUM

Insert	the accompanying block, centred on:	22° 46′.3N., 115° 20′.9E.
	the accompanying note, FISH HAVENS AND FISH TRAPS, centred on:	22° 46′.800N., 115° 21′.645E.
	depth, 4 <sub>6</sub> , and extend 5m contour SE to enclose	22° 46′.849N., 115° 20′.379E.
	depth, 6 <sub>8</sub>	(a) 22° 46′.805N., 115° 20′.575E.
	depth, 8 <sub>5</sub>	(b) 22° 46′.748N., 115° 20′.657E.
	ferry route, pecked line, joining:	22° 45′.538N., 115° 21′.334E.
		(pier)
		22° 45′.945N., 115° 21′.463E.
		(shore)
	 No 5	(c) 22° 45′.646N., 115° 21′.485E.
	 No 6	(d) 22° 45′.523N., 115° 21′.533E.
Delete	depth, 4 <sub>7</sub> , and associated 5m contour, close SE of:	(a) above
	depth, 6 <sub>5</sub> , close NW of:	(b) above
	former  No 6, close SE of:	(c) above
	former  No 5, close SE of:	(d) above

## II

### 160 CHINA - South Coast - Jinkou Qiantan NE - Legend.

Source: Chinese Notice 48/1923/17

Chart 343 [ *previous update 5681/17* ] CGCS 2000 DATUM

Insert legend, *Buoyed Channel*, orientated SW/NE, centred on: 22° 33′.04N., 113° 40′.40E.

## II

### 169 CHINA - East Coast - Taiwan Strait W - Virtual aid to navigation.

Source: Chinese Notice 48/1917/17

#### Chart 1761 [ *previous update 90/18* ] WGS84 DATUM

Delete symbol, Virtual aid to navigation, isolated danger topmark, V-AIS 25° 35′.3N., 120° 09′.5E.

#### Chart 2412 [ *previous update 125/18* ] WGS84 DATUM









Delete symbol, Virtual aid to navigation, isolated danger topmark, V-AIS 25° 35′.3N., 120° 09′.5E.

## II






**171 CHINA - East Coast - Luoyuan Wan - Buoyage. Automatic Identification Systems.**

Source: Chinese Notice 48/1915/17

**Chart 2416** [ *previous update 6033/17* ] CGCS 2000 DATUM

Insert	 <i>Mo(Q)Y.15s No 1</i>	26° 23′.68N., 119° 45′.16E.
	 <i>Mo(Q)Y.15s No 2</i>	26° 23′.19N., 119° 44′.39E.
	 <i>Mo(O)Y.12s T1</i>	(a) 26° 22′.85N., 119° 44′.90E.
	 <i>Fl.G.4s No 1</i>	(b) 26° 22′.55N., 119° 44′.51E.
	 <i>Fl(2)G.6s No 3</i>	26° 22′.17N., 119° 44′.10E.
	 <i>Fl(2)R.6s No 4</i>	26° 22′.07N., 119° 44′.10E.
	 <i>Fl(3)G.10s No 5</i>	(c) 26° 21′.79N., 119° 43′.12E.
	Automatic Identification System, AIS, at light-buoy:	
		(b) above
		(c) above
Delete	 <i>Q(3)10s T1</i> , close NE of:	(a) above

**Chart 2431** [ *previous update 6033/17* ] CGCS 2000 DATUM

Insert	 <i>Mo(Q)Y.15s No 1</i>	26° 23′.68N., 119° 45′.16E.
	 <i>Mo(Q)Y.15s No 2</i>	26° 23′.19N., 119° 44′.39E.
	 <i>Mo(O)Y.12s T1</i>	(a) 26° 22′.85N., 119° 44′.90E.
	 <i>Fl.G.4s No 1</i>	(b) 26° 22′.55N., 119° 44′.51E.
	Automatic Identification System, AIS, at light-buoy:	
		(b) above
Delete	 <i>Q(3)10s T1</i> , close NE of:	(a) above

## II

**172 CHINA - Bo Hai - Longkou Gang - Depth.**

Source: Chinese Notice 48/1912/17

**Chart 1264** [ *previous update 5061/17* ] CGCS 2000 DATUM

Insert depth, 5<sub>1</sub>

37° 39'·542N., 120° 15'·702E.



## II

### 198 TAIWAN - T'aipei Kang and Sha Lung Oil Terminal - Buoy. Light-beacon. Pilot boarding place.

Source: Taiwanese Chart 4512

#### Chart 3658 (Panel, T'aipei Kang) [ *previous update 5731/17* ] WGS84 DATUM

Insert	! Fl(2)5s	(a) 25° 08'·82N., 121° 19'·78E.
Delete	Q(2)5s17m10M, close NW of:	(a) above

#### Chart 3658 [ *previous update 5731/17* ] WGS84 DATUM


Delete	①	25° 09'·10N., 121° 09'·73E.
	Q(2)5s17m10M	25° 08'·86N., 121° 19'·67E.

## II

### 219 CHINA - Yellow Sea Coast - Yantai Gang Xigangqu - Buoy.

Source: Chinese Notice 49/1952/17

#### Chart 1317 [ *previous update 5907/17* ] CGCS 2000 DATUM

Move  *Fl(3)G.10s No 41*, from:

37° 44′.78N., 121° 08′.33E.

to:

37° 44′.44N., 121° 07′.92E.

#### Chart 1319 [ *previous update 4700/17* ] CGCS 2000 DATUM

Insert  *Fl(3)G.10s No 41*

37° 44′.44N., 121° 07′.92E.

Delete former *No 41* light-buoy

37° 44′.78N., 121° 08′.33E.

## II

### 221 CHINA - East Coast - Xiaowugui Dao - Light.

Source: Chinese Notice 49/1956/17

#### Chart 1144 [ *previous update 6048/17* ] CGCS 2000 DATUM

Delete                   ★ Fl.4s30m10M and associated circular white arc  
30° 39′.62N., 122° 00′.66E.

#### Chart 1199 [ *previous update 5997/17* ] CGCS 2000 DATUM

Delete                   ★ Fl.4s10M  
30° 39′.7N., 122° 00′.6E.

#### Chart 1303 [ *previous update 6048/17* ] CGCS 2000 DATUM

Delete                   ★ Fl.4s30m10M and associated circular white arc  
30° 39′.62N., 122° 00′.66E.

## II

**223 CHINA - Yellow Sea Coast - Ganyu Gangqu Channel - Virtual aid to navigation.**

Source: Chinese Notice 49/1954/17

**Chart 880** [ *previous update 5843/17* ] CGCS 2000 DATUM

Insert symbol, Virtual aid to navigation, starboard lateral topmark, V-AIS

35° 01′.35N., 119° 17′.25E.

## II

### 143 JAPAN - Honshū - Nagoya Ko - East Fairway and Section 4 - NM Blocks. Legends. Foul.

#### Dredged area.

Source: Japanese Notice 51/803/17

Note: Former Notices 4726(T)/17 and 5340(T)/17 are cancelled.

#### Chart JP 95 [ *previous update 2785/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 34° 58′ 0N., 136° 48′ 1E.

#### Chart JP 1055B [ *previous update 5573/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 34° 57′ 30"N., 136° 47′ 46"E.

Amend legend to, (2007 - 2017), centred on: 34° 58′ 33"N., 136° 48′ 21"E.

35° 00′ 18"N., 136° 49′ 48"E.

Delete #, (15.8), and associated limit of dredged area, pecked line

34° 58′ 52.3"N., 136° 48′ 48.3"E.

#### Chart JP 1055A [ *previous update 5573/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 35° 03′ 32"N., 136° 49′ 57"E.

Amend legend to, (2007 - 2017), centred on: 35° 00′ 18"N., 136° 49′ 48"E.

35° 01′ 24"N., 136° 50′ 02"E.

## II

**108 KOREA - South Coast - Yeondo S - Fog signal.**

Source: UKHO

**Chart 3391 (INT 5360)** [ *previous update 5882/17* ] WGS84 DATUM

Amend fog signal to, Horn(1)54s, at light

34° 24'·70N., 127° 48'·05E.


## II

**117 KOREA - West Coast - Approaches to Gunsan - Obstruction.**

Source: Korean Notice 47/863/17

**Chart 1008** [ *previous update New Edition 14/12/2017* ] WGS84 DATUM

Delete

 *Obstn*

35° 58'·91N., 126° 33'·76E.

## II

### 156 KOREA - East Coast - Ulsan Hang - Light. NM Blocks.

Source: Korean Notice 44/787/17

#### Chart 127 [ *previous update 5761/17* ] WGS84 DATUM

Amend light to, Fl.12s23M 35° 28′.4N., 129° 24′.4E.

#### Chart 896 (INT 5355) [ *previous update 5296/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 35° 28′.6N., 129° 24′.7E.

#### Chart 898 (Panel A, Ulsan and Mipo) [ *previous update 5426/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 35° 28′.5N., 129° 24′.5E.

#### Chart 2347 [ *previous update 35/18* ] WGS84 DATUM

Amend light to, Fl.23M 35° 28′.8N., 129° 24′.7E.

#### Chart 3480 [ *previous update 5990/17* ] WGS84 DATUM

Amend light to, Fl.23M 35° 28′.4N., 129° 25′.1E.

#### Chart 3666 (INT 5251) [ *previous update 5557/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 35° 29′.1N., 129° 26′.7E.



## II

### 157 KOREA - West Coast - Sindo Fairway E - NM Blocks. Depths.

Source: Korean Notice 45/801/17

#### Chart 1258 [ *previous update 5797/17* ] WGS84 DATUM

Insert depth, 15<sub>6</sub>, and extend 20m contour NW to enclose (a) 36° 57'·91N., 126° 16'·00E.

Delete depth. 20<sub>6</sub>, close NW of: (a) above

#### Chart 1270 (INT 5363) [ *previous update 4934/17* ] WGS84 DATUM

Insert the accompanying block, centred on: 36° 58'·8N., 126° 16'·6E.

#### Chart 1271 (Panel A, Daesan Hang) [ *previous update 5588/17* ] WGS84 DATUM


Insert the accompanying block, centred on: 36° 58'·7N., 126° 16'·9E.

## II

**185 KOREA - South Coast - Saryangdo (Sangdo) NW - Buoy.**  
Source: Korean Notice 49/906/17

**Chart 3391 (INT 5360)** [ *previous update 108/18* ] WGS84 DATUM

Insert

 ODAS


34° 51′-65N., 128° 08′-39E.

## II

### 193 KOREA - West Coast - Palmido N and Yeongheungdo SW - Virtual aids to navigation.

Source: Korean Notices 49/919-920/17

#### Chart 1270 (INT 5363) [ *previous update 157/18* ] WGS84 DATUM

Insert	symbol, Virtual aid to navigation, V-AIS, out of position	37° 13′.86N., 126° 24′.98E. (  Wk)
Delete	symbol, Virtual aid to navigation, V-AIS, out of position	37° 21′.88N., 126° 30′.96E. ( ✖ )

#### Chart 1271 (Panel C, Incheon New Port) [ *previous update 157/18* ] WGS84 DATUM

Delete	symbol, Virtual aid to navigation, V-AIS, out of position	37° 21′.88N., 126° 30′.96E. ( ✖ )
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
## II

**200 KOREA - South Coast - Yeongdo E - Buoy.**

Source: Korean Notice 49/904/17

**Chart 1259 (Panel B, Busan)** [ *previous update 92/18* ] WGS84 DATUM

Insert

 *Fl.Y.4s A*

35° 04'·87N., 129° 05'·52E.

## II

**214 KOREA - East Coast - Guryongpo Hang - Light.**

Source: Korean Notice 48/881/17

**Chart 3666 (INT 5251)** [ *previous update 156/18* ] WGS84 DATUM

Amend range of light to, 11M

35° 57′.16N., 129° 32′.67E.

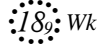
## II

### 218 KOREA - South Coast - Maenggol Gundo E - Wreck. Restricted area.

Source: Korean Notices 49/915-916/17

#### Chart 3365 (INT 5252) [ *previous update 5947/17* ] WGS84 DATUM

Delete



(a) 34° 12′.71N., 125° 57′.40E.

circular limit of restricted area, entry prohibited, pecked line,  
centred on:

(a) above

#### Chart 3928 [ *previous update 6068/17* ] WGS84 DATUM

Delete



(a) 34° 12′.71N., 125° 57′.40E.

circular limit of restricted area, entry prohibited, pecked line,  
centred on:

(a) above

## II

### 110 PHILIPPINE ISLANDS - Leyte - Panaon Island SW, Hibuson Island N and Homonhon Island E - Depths.

Source: US Notice 48/92025/17

#### Chart 4417 [ *previous update 5837/17* ] WGS84 DATUM

Replace depth, 42, with depth, 36 10° 33'·5N., 125° 29'·3E.

#### Chart 4474 [ *previous update New Edition 04/05/2017* ] WGS84 DATUM

Insert depth, 780 (a) 9° 56'·70N., 125° 11'·00E.  
Delete depth, 1443, close E of: (a) above

#### Chart 4475 [ *previous update New Edition 13/04/2017* ] WGS84 DATUM

Insert depth, 780 (a) 9° 56'·70N., 125° 11'·00E.  
depth, 36 (b) 10° 33'·50N., 125° 29'·30E.  
Delete depth, 1443, close E of: (a) above  
depth, 42, close W of: (b) above

#### Chart 4476 [ *previous update 5837/17* ] WGS84 DATUM

Insert depth, 36 (a) 10° 33'·50N., 125° 29'·30E.  
depth, 19<sub>4</sub>, enclosed by 20m contour (b) 10° 41'·60N., 125° 49'·40E.  
depth, 14<sub>4</sub>, and extend 20m contour E to enclose (c) 10° 42'·50N., 125° 49'·90E.  
Delete depth, 42, close W of: (a) above  
depth, 35, close SE of: (b) above  
depth, 16<sub>4</sub>, close NW of: (c) above

## II

**124 INDONESIA - Jawa - Selat Madura - Radar beacon.**

Source: Indonesian Notice 49/784/17

**Chart 945** [ *previous update 5684/17* ] WGS84 DATUM

Insert radar beacon, Racon(T), at platform 7° 17′.48S., 113° 21′.79E.

**Chart 2876** [ *previous update 5930/17* ] WGS84 DATUM

Insert radar beacon, Racon(T), at platform 7° 17′.4S., 113° 21′.8E.



## II

### 151 PHILIPPINE ISLANDS - Leyte - Cabugan Grande I. - NM Blocks. Light.

Source: Philippine Notice 10/60/17

**Chart 4417** [ *previous update 110/18* ] WGS84 DATUM

Move  $\star$  Fl.5s10M, from: 10° 28'·4N., 125° 13'·7E.  
to: 10° 28'·1N., 125° 13'·5E.

**Chart 4475** [ *previous update 110/18* ] WGS84 DATUM

Insert the accompanying block, centred on: 10° 28'·3N., 125° 13'·5E.

**Chart 4476** [ *previous update 110/18* ] WGS84 DATUM

Insert the accompanying block, centred on: 10° 28'·3N., 125° 13'·5E.

## II

### 152 PHILIPPINE ISLANDS - Sulu Sea - Tubbataha Reefs - NM Blocks. Notes.

Source: International Maritime Organization

Note: Former Notice 3939(P)/17 is cancelled.

#### Chart 943 [ *previous update 4906/17* ] UNDETERMINED DATUM

Insert	the accompanying block, centred on:	8° 52′.5N., 119° 54′.3E.
	the accompanying note, PARTICULARLY SENSITIVE SEA AREA (PSSA) AND AREA TO BE AVOIDED (ATBA), centred on:	12° 50′.5N., 127° 58′.9E.

#### Chart 3483 (INT 551) [ *previous update 5096/17* ] WGS84 DATUM

Insert	the accompanying block, centred on:	8° 53′.5N., 120° 04′.0E.
	the accompanying note, PARTICULARLY SENSITIVE SEA AREA (PSSA) AND AREA TO BE AVOIDED (ATBA), centred on:	1° 08′.3N., 117° 17′.3E.

## II

### 233 PHILIPPINE ISLANDS - Leyte - Janabatas Channel and San Juanico Strait - Buoyage. Note.

Source: Philippine Notices 11/66-67/17

**Chart 3840** [ *previous update 5892/16* ] UNDETERMINED DATUM

Insert



(a) 11° 27′.13N., 124° 52′.55E.

the accompanying note, SAN JUANICO STRAIT, centred on: 11° 27′.48N., 125° 04′.15E.

Delete

No. 2, close SW of:

(a) above

## II

**234 AUSTRALIA - New South Wales - Port Jackson - Mort Bay - Depth.**

Source: Australian Notice 25/1058/17

**Chart Aus 202** [ *previous update 45/18* ] WGS84 DATUM

Delete depth, 3<sub>8</sub>

33° 51'·378S., 151° 11'·358E.


## II

### 235 AUSTRALIA - Queensland - Mackay - Light-beacon.

Source: Australian Notice 25/1067/17

**Chart Aus 249** [ *previous update 5078/17* ] WGS84 DATUM

Move

 Fl.R.2.5s, from:  
to:

21° 08' 48S., 149° 11' 73E.

21° 08' 48S., 149° 11' 67E.

## II

**237 AUSTRALIA - Queensland - Cleveland Bay - Townsville - Buoy.**

Source: Australian Notice 25/1074/17

*Note:* Former Notice 3612(T)/16 is cancelled.

**Chart Aus 257** [*previous update 5379/17*] WGS84 DATUM

Amend light-buoy to, *Fl.Y.2.5s*

19° 14'·580S., 146° 50'·373E.


## II

### 238 AUSTRALIA - Queensland - Approaches to Bundaberg - Buoy.

Source: Australian Notice 25/1063/17

Chart Aus 243 [ *previous update 5232/16* ] WGS84 DATUM

Move

 *Fl(5)Y.20s*, from:

24° 40'·35S., 152° 29'·96E.

to:

24° 40'·00S., 152° 30'·04E.

## II

**105 SOUTH PACIFIC OCEAN - Nouvelle-Calédonie - Baie de Poro - Buoy.**  
Source: French Notice 48/205/17

**Chart 339 (Panel, Baie de Poro)** [ *previous update 5790/17* ] IGN 1954 DATUM

Amend                    *No 3*                    light-buoy to, *Fl(2)G.6s*                    21° 17′.74S., 165° 43′.19E.



## II

### 111 SOUTH PACIFIC OCEAN - Fiji Islands - Cakova Passage - Legend. Note.

Source: Royal New Zealand Navy

**Chart 441** [ *previous update 1478/17* ] WGS84 DATUM

Insert	legend, ( <i>see Note</i> ), centred on:	18° 39′.0S., 179° 47′.8E.
	the accompanying note, CAKOVA PASSAGE, centred on:	19° 52′.4S., 179° 06′.8E.

## II

### 178 NORTH PACIFIC OCEAN - Hawaiian Islands - Kuhio Bay - Depths.

Source: ENC US5HA12M

Chart 1490 (Panel, Hilo Bay) [ *previous update 5771/17* ] OLD HAWAIIAN DATUM

Insert	depth, 10 , enclosed by 2m contour	(a) 19° 43′.994N., 155° 03′.741W.
Delete	depth, 4, close NE of:	(a) above

## II

**133 UNITED STATES OF AMERICA - West Coast - 14th Ave Bridge Reach - Dredged depth.**

Source: US Coast Guard District 13 LNM 49/18450/17

**Chart 50 (Panel, Continuation of Duwamish Waterway)** [ *previous update 3960/17* ] NAD83 DATUM

Amend dredged depth to, *3.3m (2017)*, centred on: 47° 31' 088N., 122° 18' 397W.

## II

**158 UNITED STATES OF AMERICA - West Coast - Shilshole Bay - Wreck.**

Source: US Coast Guard District 13 LNM 48/18447/17

**Chart 47** [ *previous update 5227/17* ] NAD83 DATUM

Insert



47° 40'·60N., 122° 24'·87W.

## II

**195 UNITED STATES OF AMERICA - West Coast - Rainier NW, Sandy Island E and Hayden Island N - Buoyage.**

Source: US Coast Guard District 13 LNMs 47/18524-18525/17

**Chart 2849 (Panel A)** [ *previous update 4769/17* ] NAD83 DATUM

Insert	 Fl.6s 'RR'	46° 05'·68N., 122° 56'·35W.
	 Fl.6s 'S'	45° 59'·98N., 122° 51'·13W.

**Chart 2849 (Panel B)** [ *previous update 4769/17* ] NAD83 DATUM

Insert	 Fl.6s 'VV'	45° 37'·99N., 122° 42'·50W.
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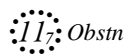
## II

**154 BRAZIL - East Coast - Rio Santa Maria - Obstruction.**

Source: Brazilian Notice 22/162/17

**Chart 598** [ *previous update 1160/17* ] WGS84 DATUM

Delete



20° 19'·290S., 40° 17'·420W.

## II

**176 BRAZIL - North Coast - Ilha Carnapij6 W - Wreck.**  
Source: Brazilian Notice 22/161/17

**Chart 331** [ *previous update 2426/16* ] WGS84 DATUM

Insert



1° 24'·69S., 48° 41'·95W.

## II

### 179 BRAZIL - South Coast - I. de Villegagnon NE - Fouls.

Source: Brazilian Notice 22/157/17

#### Chart 566 [ *previous update 5915/17* ] WGS84 DATUM

Insert	# (25)	22° 54′.64S., 43° 09′.19W.
	# (25 <sub>5</sub> )	22° 54′.37S., 43° 09′.27W.
Delete	#	22° 54′.50S., 43° 09′.22W.



## II

### 184 ARGENTINA - Puerto San Antonio - Depth.

Source: Argentinian Chart 263

Chart 531 (Panel D, Puerto San Antonio) [ *previous update 3069/17* ] UNDETERMINED DATUM

Insert depth, 2<sub>5</sub>, and extend 3fm contour S to enclose 40° 47′.71S., 64° 54′.04W.

## II

**192\* SOUTH ATLANTIC OCEAN - Falkland Islands - White Rock Bay E, Grantham Sound W and Port Howard Narrows S - Depths.**

Source: British Government Survey

**Chart 2507** [ *previous update 5130/17* ] WGS84 DATUM

Insert	depth, 21 <sub>5</sub>	(a) 51° 23′.68S., 59° 08′.18W.
	depth, 19 <sub>4</sub> , and extend 20m contour W to enclose	(b) 51° 25′.55S., 59° 08′.38W.
	depth, 22	(c) 51° 26′.53S., 59° 09′.74W.
	depth, 29, enclosed by 30m contour	51° 28′.74S., 59° 09′.71W.
	depth, 17 <sub>1</sub> , and extend 20m contour W to enclose	(d) 51° 40′.61S., 59° 17′.59W.
	depth, 9 <sub>8</sub> , enclosed by 10m contour	(e) 51° 41′.40S., 59° 19′.07W.
Replace	depth, 22, with depth, 19 <sub>6</sub> , enclosed by 20m contour	51° 40′.84S., 59° 18′.67W.
Delete	depth, 23, close W of:	(a) above
	depth, 23, close SW of:	(b) above
	depth, 25, close W of:	(c) above
	depth, 18 <sub>4</sub> , close E of:	(d) above
	depth, 10 <sub>4</sub> , and associated 20m contour, close SW of:	(e) above

**Chart 2512** [ *previous update 5130/17* ] WGS84 DATUM

Replace	depth, 23, with depth, 21 <sub>5</sub>	51° 23′.7S., 59° 08′.2W.
	depth, 25, with depth, 22	51° 26′.5S., 59° 09′.7W.
	depth, 18 <sub>4</sub> , with depth, 17 <sub>1</sub>	51° 40′.6S., 59° 17′.6W.
	depth, 10 <sub>4</sub> , with depth, 9 <sub>8</sub> , enclosed by 10m contour	51° 41′.4S., 59° 19′.1W.

**Chart 2558** [ *previous update 5130/17* ] WGS84 DATUM

Insert	depth, 21 <sub>5</sub>	(a) 51° 23′.68S., 59° 08′.18W.
	depth, 19 <sub>4</sub> , enclosed by 20m contour	51° 25′.55S., 59° 08′.38W.
	depth, 22	(b) 51° 26′.53S., 59° 09′.74W.
	depth, 29, enclosed by 30m contour	51° 28′.74S., 59° 09′.71W.
	depth, 17 <sub>1</sub> , and extend 20m contour W to enclose	(c) 51° 40′.61S., 59° 17′.59W.
	depth, 9 <sub>8</sub> , enclosed by 10m contour	(d) 51° 41′.40S., 59° 19′.07W.
Replace	depth, 22, with depth, 19 <sub>6</sub> , enclosed by 20m contour	51° 40′.84S., 59° 18′.67W.
Delete	depth, 23, close W of:	(a) above
	depth, 25, close W of:	(b) above
	depth, 18 <sub>4</sub> , close E of:	(c) above
	depth, 10 <sub>4</sub> , and associated 20m contour, close SW of:	(d) above

**Chart 2582 (Panel, Port Howard)** [ *previous update 1211/17* ] WGS84 DATUM


Insert	depth, 7 <sub>8</sub>	51° 39′.42S., 59° 32′.20W.
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## II

### 107 WEST INDIES - Windward Islands - Mayreau and Union Island - Landmarks.

Source: UKHO

#### Chart 794 (Panel, Canouan to Carriacou) [ *previous update 1666/17* ] WGS84 DATUM

Insert	 RADIO TOWER	12° 38′.43N., 61° 23′.62W.
	 2 RADIO TOWERS	12° 35′.95N., 61° 25′.60W.
Delete	 RADIO MAST	12° 35′.83N., 61° 25′.98W.

#### Chart 794 (Panel A, Tobago Cays) [ *previous update 1666/17* ] WGS84 DATUM

Insert	 RADIO TOWER	12° 38′.43N., 61° 23′.62W.
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#### Chart 794 (Panel B, Clifton Harbour) [ *previous update 1666/17* ] WGS84 DATUM

Insert	 2 RADIO TOWERS	12° 35′.95N., 61° 25′.60W.
Delete	 RADIO MAST	12° 35′.83N., 61° 25′.98W.


## II

**129 UNITED STATES OF AMERICA - Gulf of Mexico - Rincon Canal SE - Obstruction.**

Source: US Coast Guard District 8 LNM 46/11311/17

**Chart 3184 (Panel A, Port Aransas to Corpus Christi)** [ *previous update 4965/17* ] NAD83 DATUM

Insert

 *Obstn PA*

27° 48'·70N., 97° 20'·90W.

## II

### 130 UNITED STATES OF AMERICA - Gulf of Mexico - Tampa Bay - Light-beacon.

Source: US Coast Guard District 7 LNM 48/11411/17

**Chart 3847** [ *previous update 6056/17* ] NAD83 DATUM

Amend light-beacon to, Iso.6s78ft & Fl.4s40ft 27° 36′.95N., 82° 39′.23W.

**Chart 3848** [ *previous update 6082/17* ] NAD83 DATUM



Amend light-beacon to, Iso.6s78ft & Fl.4s40ft 27° 36′.95N., 82° 39′.23W.

## II



**136 UNITED STATES OF AMERICA - Gulf of Mexico - Houston Ship Channel - Beacon.  
Light-beacon.**

Source: US Coast Guard District 8 LNM 46/11327/17

**Chart 3186 (Panel 2)** [ *previous update 4446/17* ] NAD83 DATUM

Replace  '6' with  Fl.R.4s17ft '6' 29° 34'·80N., 94° 56'·37W.

**Chart 3186 (Panel 3)** [ *previous update 4446/17* ] NAD83 DATUM

Replace  '6' with  Fl.R.4s17ft '6' 29° 34'·80N., 94° 56'·37W.


## II

### 153 UNITED STATES OF AMERICA - Gulf of Mexico - Barataria Pass S - Obstruction.

Source: US Coast Guard District 8 LNM 49/11358/17

**Chart 3851** [ *previous update 4794/17* ] NAD83 DATUM


Insert

 *Obstn PA*

29° 06′.3N., 89° 53′.1W.

**Chart 3857** [ *previous update 5053/17* ] NAD83 DATUM

Insert

 *Obstn PA*

29° 06′.34N., 89° 53′.14W.

## II

**180 MEXICO - Gulf of Mexico - Rio Tuxpan - Light.**

Source: Mexican Notice 11/269/17

**Chart 2753 (Panel, Tuxpan)** [ *previous update 5172/17* ] WGS84 DATUM

Amend light to, Fl.G.5s10m5M 20° 57'·97N., 97° 18'·43W.

**Chart 2753** [ *previous update 5172/17* ] WGS84 DATUM

Amend light to, Fl.G.5s5M 20° 57'·97N., 97° 18'·43W.



## II

### 216 CUBA - North Coast - Approaches to Bahía del Mariel - Depths.

Source: Cuban Chart 11824

#### Chart 410 (Panel, Bahía del Mariel) [ *previous update 2637/17* ] WGS84 DATUM

Insert	depth, $18_8$ , enclosed by 20m approximate contour	23° 01'·838N., 82° 45'·548W.
	depth, $19_4$ , enclosed by 20m approximate contour	23° 01'·833N., 82° 45'·484W.
	depth, $9$ , and extend 10m contour N to enclose	23° 01'·684N., 82° 45'·351W.
	depth, $5_2$	(a) 23° 01'·643N., 82° 45'·575W.
	depth, $4_0$ , enclosed by 5m contour	(b) 23° 00'·998N., 82° 45'·109W.
Delete	depth, $6_3$ , close N of:	(a) above
	depth, $6_8$ , close NW of:	(b) above

#### Chart 410 [ *previous update 2637/17* ] WGS84 DATUM

Insert	depth, $18_8$ , and extend 20m contour N to enclose	23° 01'·84N., 82° 45'·55W.
	depth, $19_4$ , and extend 20m contour N to enclose	(a) 23° 01'·83N., 82° 45'·48W.
Replace	depth, $6_3$ , with depth, $5_2$	23° 01'·64N., 82° 45'·58W.
Delete	depth, $20_4$ , close E of:	(a) above

## II

### 135 UNITED STATES OF AMERICA - East Coast - Old Orchard Shoal NE and Raritan Bay East Reach - Wrecks.

Source: US Coast Guard District 1 LNM's 47/12402/17 and 48/12401/17

**Chart 3204** [ *previous update 5549/17* ] NAD83 DATUM

Insert



40° 29'·46N., 74° 06'·20W.

**Chart 3458** [ *previous update 5321/17* ] NAD83 DATUM

Insert



40° 32'·183N., 74° 06'·250W.



40° 29'·462N., 74° 06'·203W.

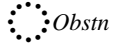
## II

### 170 UNITED STATES OF AMERICA - East Coast - Raleigh Bay SE - Obstruction.

Source: ENC US3SC10M

**Chart 2710** [ *previous update 5999/17* ] UNDETERMINED DATUM

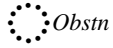
Insert



34° 49'·2N., 75° 28'·6W.

**Chart 2864** [ *previous update 5975/17* ] NAD83 DATUM

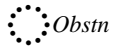
Insert



34° 49'·2N., 75° 28'·6W.

**Chart 4403 (INT 403)** [ *previous update 5830/17* ] UNDETERMINED DATUM

Insert



34° 49'·2N., 75° 28'·6W.

## II

### **222(T)/18      WALES - North Coast - West Hoyle Spit - Buoyage.**

Source: Port of Mostyn Notice 28/17

1. Yellow special purpose light-buoys, *Fl.Y.4s*, marking a section of exposed gas pipeline, have been temporarily established in the following positions:

53° 22′·26N., 3° 22′·07W.

53° 22′·16N., 3° 22′·22W.

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

**Charts affected - 1953 - 1978**

## II

**166(T)/18      GERMANY - North Sea Coast - The Weser - Brake - Buoy.**

Source: German Notice 48/(21)5(T)/17

1. An east cardinal light-buoy, *Q(3)10s*, has been established in position 53° 20′.59N., 8° 29′.78E.  
(WGS84 DATUM)

**Chart affected - 3622 (INT 1458)**

## II

### 118(T)/18 SPAIN - North Coast - Santander - Buoyage.

Source: Spanish Notice 48/429(T)/17

1. Due to dredging operations within the port of Santander, yellow light-buoys, *Fl. Y. 2s*, have been established in the following positions:

43° 26′.209N., 3° 48′.671W.

43° 26′.388N., 3° 48′.690W.

(WGS84 DATUM)

**Chart affected - 1145 (INT 1852)**

## II

### 199(P)/18      RUSSIA - Black Sea Coast - Tuapse - Buoyage. Maximum authorised draughts. Depths.

Source: Tuapse Harbour Master, mt Atria and Russian Notice 35/4723(T)/16

1. Changes to buoyage and depths have been reported in the vicinity of Rosneft Terminal (44° 05′-000N., 39° 04′-300E.)
2. The following light-buoys are reported to be missing:

<i>Buoy type</i>	<i>Characteristic</i>	<i>Position</i>
E Cardinal	<i>Q(3)10s</i>	44° 04′-810N., 39° 03′-741E.
W Cardinal	<i>Q(9)15s</i>	44° 04′-812N., 39° 04′-069E.
S Cardinal	<i>Q(6)+LFl.15s</i>	44° 05′-093N., 39° 04′-271E.

3. The maximum permissible draughts alongside Rosneft Terminal are reported to be as follows:

<i>Berth</i>	<i>Approximate position</i>	<i>Maximum permissible draught (m)</i>
1a	44° 05′-010N., 39° 04′-190E.	15.0
1b	44° 05′-062N., 39° 04′-382E.	12.0

4. Depths in the approaches to Rosneft Terminal are reported to be 15.9m.
5. Chart 3312 will be updated when full details are available.
6. Former Notice 743(P)/15 is cancelled.  
(WGS84 DATUM)

**Chart affected - 3312**

## II

### 204(P)/18 CROATIA - Vela Vrata - Light. Automatic Identification System.

Source: Croatian Notice 11/2/17

1.

<i>Update</i>	<i>Feature</i>	<i>Position</i>
Insert	red light Automatic Identification System, AIS, at light	(a) 45° 08′.3N., 14° 13′.4E. (a) above

**Chart affected - 8243**



## II

### 236(P)/18      CYPRUS - Limassol - Note.

Source: UKHO

1. Updated Section: BERTH INFORMATION Text Box, Limassol Harbour  
Replace:

- **Container Berth** (34° 38′.87N., 33° 00′.86E.) in West Basin: length 380m; depths alongside 16m.

With:

- **Container Berth** (34° 38′.87N., 33° 00′.67E.) in West Basin: length 800m; depth alongside 16m.

**Chart affected - 8052**

## II

### **116(T)/18      BENIN - Approaches to Cotonou - Buoy.**

Source: French Notice 35/4(T)/17 and UKHO

1. A yellow ODAS light-buoy, *Fl.Y.2s*, has been established in position 6° 18' 44N., 2° 28' 39E.
2. Mariners are advised to navigate with caution in the area.  
(WGS84 DATUM)

**Chart affected - 1392 (INT 2881)**

## II

### **210(T)/18      NAMIBIA - Walvis Bay - Wreck. Platform.**

Source: South African Notices 11/70(T)-71(T)/17

1. A stranded wreck exists in approximate position 22° 54′-0S., 14° 27′-2E.
2. A lit accommodation vessel has been established in approximate position 22° 53′-8S., 14° 28′-0E.  
(WGS84 DATUM)

**Charts affected - 4137 (INT 2612) - 4138 (INT 2613) - 8096**

## II

### 187(P)/18 MOZAMBIQUE - Baia de Maputo - Bridge. Works. Vertical clearances.

Source: Porto de Maputo

1. In connection with the Maputo-Catembe bridge currently under construction, vertical clearances (HAT) are reported to be as follows:

<i>Location</i>	<i>Safe Vertical Clearance</i>	<i>Aproximate Position</i>
Main channel	62.5m	25° 58' 31S., 32° 33' 47E.
Berth 5	61.0m	25° 58' 23S., 32° 33' 50E.

2. These clearances depends on the state of the tide.
3. Vessels with an air draught greater than 59m must submit a written request to the Harbour Master with indications of vessel air draught and period of passage (inbound and outbound), for written approval.
4. Mariners are advised to navigate with caution in the area and consult the local port authority for the latest information. (WGS84 DATUM)

**Charts affected - 644 (INT 7581) - 646 - 8037**

## II

### **207(P)/18 KENYA - Port Reitz - Moored storage tanker. Works.**

Source: Kenya Ports Authority

1. A Liquid Petroleum Gas (LPG) facility with berthing and mooring dolphins is being constructed, aligned NE-SW, centred on position 4° 03′.530S., 39° 36′.020E.
2. It is anticipated that a moored storage tanker will be situated at the facility.
3. Mariners are advised to contact the port authority for the latest information.
4. Chart 666 will be updated when works are complete.  
(WGS84 DATUM)

**Chart affected - 666 (INT 7702)**

## II

**209(T)/18 SOUTH AFRICA - South Coast - Ikhwezi (F-O) Oilfield NW - Buoy.**

Source: South African Notice 11/72(T)/17

1. The mooring buoy in approximate position  $34^{\circ} 57' .5S.$ ,  $22^{\circ} 11' .2E.$  has been temporarily removed.  
(CAPE DATUM)

**Charts affected - 4153 (INT 7510) - 4155 (INT 7520)**

## II

### 162(T)/18 INDIA - West Coast - Verāval to Cape Comorin - Obstructions. Scientific instruments.

Source: Indian Notices 9/80(T)/17 and 23/168(T)/17

1. Underwater Acoustic Doppler Current Profiler (ADCP) moorings are deployed in the following positions:

<i>Mooring</i>	<i>Position</i>	<i>Depth of ADCP (m)</i>	<i>Largest scale chart</i>
OMD9	20° 00′.69N., 69° 14′.30E.	160, 335, 690, 1044	1474
*OMD10	20° 00′.51N., 69° 14′.25E.	160, 335, 690, 1044	1474
*OJD1	17° 31′.55N., 71° 07′.30E.	180, 350, 850	708
OGD12	15° 09′.97N., 72° 44′.65E.	144, 300, 654, 960	708
*OGD13	15° 09′.97N., 72° 44′.65E.	160, 300, 650, 950	708
OGS12	15° 13′.99N., 72° 58′.91E.	161	1509
OGSV2	15° 12′.88N., 72° 56′.77E.	191	708
OGSV1	15° 11′.94N., 73° 00′.28E.	154	1509
OBD4	13° 36′.21N., 73° 13′.74E.	190, 360, 860	1509
OBS6	13° 52′.69N., 73° 24′.49E.	186	1509
*OUD1	12° 29′.92N., 74° 02′.39E.	170, 320, 820	1564
OKD9	9° 02′.86N., 75° 26′.10E.	190, 370, 870	1565
*OKD10	9° 02′.86N., 75° 26′.10E.	180, 330, 830	1565
KKD7	6° 57′.57N., 77° 23′.51E.	190, 365, 863	1587
*KKD8	6° 57′.56N., 77° 23′.51E.	190, 500, 1000	1587

2. All vessels are to maintain a safe distance from these moorings and exercise caution in the vicinity.

3. Former Notice 2676(T)/17 is cancelled.

\*Indicates new or revised entry  
(WGS84 DATUM)

Charts affected - 707 - 708 - 709 - 828 - 1474 (INT 7328) - 1509 - 1564 - 1565 - 1587 - 2736 - 2738

## II

### 165(P)/18 SINGAPORE - The Sisters, Pulau Tekukor and Pulau Sakijang Bendera (S. John's Island) - Marine Reserves. Buoyage.

Source: Maritime and Port Authority of Singapore

1. Marine reserves, *Sisters' Islands Marine Park*, have been established bounded by the following positions:

1° 13'·715N., 103° 50'·373E. (shore)

1° 13'·705N., 103° 50'·336E.

1° 13'·845N., 103° 50'·178E.

1° 14'·009N., 103° 50'·112E.

1° 14'·066N., 103° 50'·150E.

1° 13'·983N., 103° 50'·193E. (shore)

and

1° 12'·801N., 103° 51'·099E. (shore)

1° 12'·803N., 103° 51'·002E.

1° 13'·016N., 103° 50'·845E.

1° 13'·141N., 103° 50'·721E.

1° 13'·216N., 103° 50'·643E.

1° 13'·289N., 103° 50'·582E.

1° 13'·381N., 103° 50'·545E.

1° 13'·438N., 103° 50'·615E.

1° 13'·393N., 103° 50'·653E. (shore)

and

1° 12'·775N., 103° 50'·220E.

1° 12'·714N., 103° 50'·170E.

1° 12'·694N., 103° 50'·028E.

1° 12'·728N., 103° 49'·959E.

1° 12'·937N., 103° 49'·821E.

1° 13'·049N., 103° 49'·878E.

1° 13'·068N., 103° 49'·919E.

1° 13'·040N., 103° 50'·013E.

1° 12'·959N., 103° 50'·078E.

1° 12'·924N., 103° 50'·164E.

1° 12'·881N., 103° 50'·182E.

1° 12'·842N., 103° 50'·198E.

2. Special purpose light-buoys, *FL.Y.2s*, have been established marking the limit of *The Sisters* marine reserve in the following positions:

#### *Designation Position*

*SIS-01* 1° 12'·775N., 103° 50'·220E.

*SIS-02* 1° 12'·694N., 103° 50'·028E.

*SIS-03* 1° 12'·937N., 103° 49'·821E.

*SIS-04* 1° 13'·049N., 103° 49'·878E.

*SIS-05* 1° 13'·040N., 103° 50'·013E.

*SIS-06* 1° 12'·924N., 103° 50'·164E.

3. Mooring buoys have been established in the following positions:

#### *Designation Position*

*NP-02* 1° 12'·714N., 103° 50'·116E.

*NP-03* 1° 12'·734N., 103° 50'·004E.

*NP-04* 1° 12'·772N., 103° 49'·966E.

*NP-05* 1° 12'·864N., 103° 49'·896E.

*NP-06* 1° 12'·972N., 103° 49'·859E.

1° 12'·742N., 103° 50'·204E.



## II

**165(P)/18 SINGAPORE - The Sisters, Pulau Tekukor and Pulau Sakijang Bendera (S. John's Island) - Marine Reserves. Buoyage. (continued)**

4. Entry into the *Sisters' Islands Marine Park* is affected by numerous restrictions and prohibitions. For further details, see National Parks Board website <http://www.nparks.gov.sg>
5. These changes will be included in the next New Edition of Chart 4037 (WGS84 DATUM)

**Chart affected - 4037**

## II

**228(T)/18      TAIWAN - P'eng-Hu Kang-Tao E - Buoy.**

Source: Taiwanese Notice 98(T)/17

1. A yellow light-buoy, *LFl.Y.20s*, has been established until 23 November 2018, in position 23° 36'·38N., 120° 01'·68E.  
(WGS84 DATUM)

**Charts affected - 1760 - 2409**

## II

**144(T)/18      JAPAN - Honshu - Sagami Wan - E-no-Shima - Depth.**

Source: Japanese Notice 51/5702(T)/17

1. A depth of 3.6m exists in position 35° 17' 42.5"N., 139° 28' 57.6"E.  
(WGS84 DATUM)

**Charts affected - JP 90 - XJP 90**

## II

### 145(T)/18 JAPAN - Seto Naikai - Nishi-Oita Hakuchi - Works.

Source: Japanese Notice 51/5705(T)/17

1. Magnetic survey and dredging works are taking place until 31 March 2018 within an area bounded by the following positions:

33° 14' 52.4"N., 131° 35' 14.5"E. (shore)

33° 14' 54.4"N., 131° 35' 05.6"E.

33° 15' 04.5"N., 131° 35' 10.1"E.

33° 15' 03.3"N., 131° 35' 16.5"E.

33° 14' 57.0"N., 131° 35' 27.5"E.

33° 14' 47.8"N., 131° 35' 28.5"E. (shore)

(WGS84 DATUM)

**Chart affected - JP 1247B**

## II

### 134(T)/18      INDONESIA - Java Sea - Pulau Karangjaluang N - Buoyage.

Source: Indonesian Notices 10/143(T)/17 and 49/787(T)/17

1. A green lateral light-buoy, *Fl.G.5s*, with topmark, has been temporarily established in position 6° 53'·70S., 112° 44'·00E.
2. \* A red lateral light-buoy, *Fl.R.4s*, with topmark, has been temporarily established in position 6° 53'·92S., 112° 43'·97E.
3. Former Notice 4277(T)/17 is cancelled.  
\* Indicates new or revised entry.  
(WGS84 DATUM)

**Charts affected - 970 - 975**

## II

### 119(T)/18 NEW ZEALAND - North Island - East Coast - Poverty Bay E to Mahia Peninsula E - Scientific instruments.

Source: New Zealand Notice 25/200(T)/17

1. Scientific seabed instruments have been deployed in the following positions until October 2018:

38° 42'·44S., 178° 39'·68E.  
38° 42'·65S., 178° 39'·68E.  
38° 43'·51S., 178° 53'·66E.  
38° 51'·01S., 178° 52'·34E.  
38° 53'·59S., 178° 45'·29E.  
38° 54'·70S., 178° 59'·09E.  
39° 13'·96S., 178° 26'·04E.  
39° 16'·53S., 178° 43'·97E.  
39° 17'·82S., 178° 39'·19E.  
39° 18'·75S., 178° 32'·35E.

2. Mariners engaged in seabed trawling activities are requested to remain 2.5M clear of the above positions at all times.

3. \*Scientific seabed instruments will be deployed in an area bounded by the following positions, from 16 December 2017 to 30 April 2018:

38° 37'·11S., 178° 30'·90E.  
38° 53'·73S., 179° 06'·54E.  
39° 00'·22S., 179° 01'·56E.  
38° 43'·60S., 178° 25'·86E.

4. \*Mariners engaged in seabed trawling activities are requested to remain clear of the above area at all times.

5. Former Notice 5748(T)/17 is cancelled.

\*Indicates new or revised entry.  
(WGS84 DATUM)

**Charts affected - NZ 55 - NZ 56**

## II

### 146(T)/18 NORTH PACIFIC OCEAN - Kyushu, Anami Plateau SE and Philippine Basin - General information.

Source: Japanese Notice 51/5715(T)/17

1. A rocket launch is due to take place from the Uchinoura Space Center between 17 January and 27 February 2018.
2. A sea warning area will be established, bounded by the following positions:

31° 13'·47N., 131° 02'·93E. (shore)

31° 13'·18N., 131° 02'·93E.

31° 13'·18N., 131° 09'·62E.

31° 16'·52N., 131° 09'·62E.

31° 16'·52N., 131° 07'·67E. (shore)

3. Between 17 January and 27 February 2018, rocket debris is predicted to fall within areas bounded by the following positions:

27° 04'·25N., 133° 23'·27E.

26° 57'·62N., 133° 16'·85E.

26° 13'·00N., 133° 10'·00E.

26° 02'·35N., 134° 23'·57E.

26° 09'·60N., 134° 27'·17E.

26° 54'·00N., 134° 34'·00E.

and

13° 23'·00N., 131° 49'·00E.

13° 57'·00N., 130° 03'·00E.

9° 27'·00N., 128° 37'·00E.

8° 54'·00N., 130° 23'·00E.

4. Mariners are advised to navigate with caution in these areas.  
(WGS84 DATUM)

**Charts affected - 1648 - 2347 - 2412 - 3237 - 3480 - 4507 (INT 507) - 4509 (INT 509) - JP 1221**

## II

### 226(P)/18 BRAZIL - South Coast - Rio De Janeiro - Note.

Source: Brazilian Navy Hydrographic Centre

#### 1. Updated section: Anchorages text box, Anchorages and moorings

##### Replace:

- No 2 Naval vessels
- No 6A Vessels undergoing repair; Visitors

##### With:

- No 2 Naval vessels (three areas) Area 1; Area 2; Area 3; several obstructions and wrecks lie within these areas.
- No 6A Vessels undergoing repair; Visitors. A wreck (22° 51′-54S., 43° 10′-38W.), marked by a buoy (isolated danger), and a rocky patch (22° 51′-22S., 43° 10′-18W.), marked by a buoy (starboard hand), lie in the E part of the area.

**Chart affected - 8013**



## II

**229(T)/18 MEXICO - Gulf of Mexico - Approaches to Río Panuco - Buoy. Radar beacon. Automatic Identification System.**

Source: Mexican Notice 11/264/(T)/17

1. The safe water light-buoy, *Fl.10s*, and associated radar beacon, *Racon(A)*, and Automatic Identification System, *AIS*, in position 22° 16′.42N., 97° 43′.25W. is temporarily out of service.  
(WGS84 DATUM)

**Charts affected - 363 - 364 - 376 - 3768 - 8209**