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:

NM on ADMIRALTY website: Web: admiralty.co.uk/msi
Searchable Notices to Mariners: Web: www.ukho.gov.uk/nmwebsearch
Urgent navigational information: e-mail: navwarnings@ukho.gov.uk
Phone: +44(0)1823 353448
+44(0)7989 398345
Fax: +44(0)1823 322352

H102 forms (see back pages of this Weekly Edition) e-mail: sdr@ukho.gov.uk
Post: UKHO, Admiralty Way, Taunton, Somerset, TA1 2DN, UK

All other enquiries/information e-mail: customerservices@ukho.gov.uk
Phone: +44(0)1823 484444 (24/7)

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## COVID-19 (CORONAVIRUS) TEMPORARY EFFECTS ON QUARANTINE REQUIREMENTS, PILOTAGE, VTS, REPORTING, RADIO COMMUNICATIONS AND TRANSMISSIONS

An increasing number of ports are introducing specific quarantine reporting requirements with regards to this virus. Its continued spread is also impacting a number of other services covered by Admiralty List of Radio Signals products. Due to the ongoing and dynamic nature of the situation, mariners should contact the appropriate Port Authority, VTS, Pilot, coastguard, radio station or other designated body covering their planned route and destination, for the latest advice and procedures. Due to the rapidly changing situation, it is advised to check local situation at the earliest opportunity when passage planning.
### ADIRALTY CHARTS AND PUBLICATIONS NOW PUBLISHED AND AVAILABLE

#### NEW ADIRALTY CHARTS AND PUBLICATIONS

**New ADMIRALTY Charts published 18 June 2020**

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<th>Folio</th>
<th>2020 Catalogue page</th>
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</thead>
<tbody>
<tr>
<td>☢1912</td>
<td>Morocco, Port de Tanger-Ville. 35° 45’-90 N.,— 35° 53’-20 N., 5° 44’-68 W.,— 5° 50’-90 W</td>
<td>1:12,500</td>
<td>20</td>
<td>40, 52</td>
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*Note: A new chart providing improved coverage of Port de Tanger-Ville. For the convenience of chart users, the number of the cancelled chart has been retained for this New Chart. (A modified reproduction of Chart 7710 published by France.)*

**New Editions of ADMIRALTY Charts published 18 June 2020**

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<tr>
<th>Chart</th>
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<tr>
<td>☢1004</td>
<td>Turkey - Marmara Denizi, Çanakkale Boğazı (The Dardanelles) to Marmara Adası. ① İçdaş 1. ② İçdaş 2.</td>
<td>1:100,000</td>
<td>29</td>
<td>48</td>
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*Includes general updating throughout.*

| ☢1207 | Italy – Sardegna, Canale di San Pietro and Golfo di Palmas. Porto di Sant’ Antioco (Ponte Romano). | 1:50,000 | 25 | 42 |

*Includes general updating throughout.*

| ☢1237 | Northern Ireland - East Coast, Larne Lough and Approaches. | 1:10,000 | 3 | 26 |

*Includes changes to depths from the latest British Government and Port Authority surveys.\n
*Note: On publication of this New Edition former Notice 1526(T)/18 is cancelled.*

| ☢1534 | International Chart Series, England - East Coast, Great Yarmouth and Approaches. ① Great Yarmouth Outer Harbour. ② Great Yarmouth Haven. | 1:25,000 | 7 | 26 |

*Includes changes to depths from the latest British Government, Trinity House and Great Yarmouth Port Authority surveys.\n
*Note: On publication of this New Edition former Notice 2983(P)/20 is cancelled.*

© denotes chart available in the ADMIRALTY Raster Chart Service series.
New Editions of ADMIRALTY Charts published 18 June 2020 (continued)

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<td>☀1535 INT 1559</td>
<td>International Chart Series, England - East Coast, Lowestoft and Approaches. Lowestoft Harbour. Includes changes to depths from the latest British Government, Trinity House and Port Authority surveys.</td>
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<tr>
<td>☀1608</td>
<td>Aegean Sea, Approaches to Çanakkale Boğazı (The Dardanelles). (\text{① Bozcaada.}) (\text{② Akçansa Cement Pier.}) Includes general updating throughout.</td>
<td>1:100,000 1:7,500</td>
<td>29 48</td>
<td></td>
</tr>
<tr>
<td>4239</td>
<td>Chile, Bahia Quintero. 32° 43' 05 S. --- 32° 47' 27 S., 71° 28' 70 W. --- 71° 35' 10 W The chart limits have been revised. (A modified reproduction of Chart 4321 published by Chile).</td>
<td>1:10,000</td>
<td>98 114</td>
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<td>4242</td>
<td>Chile, Valparaiso. 32° 58' 800 S. --- 33° 03' 000 S., 071° 32' 567 W. --- 071° 39' 217 W The chart limits have been revised. (A modified reproduction of Chart 5111 published by Chile.)</td>
<td>1:10,000</td>
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\(\text{☀} \) denotes chart available in the ADMIRALTY Raster Chart Service series.
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### ADMIRALTY CHARTS TO BE PUBLISHED 02 JULY 2020

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<td>Brazil - East Coast, Porto de Vitória and Porto de Tubarão. <em>Includes significant safety-related information as follows: new piers and dolphins and changes to coastline, depths and buoyage.</em></td>
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<tr>
<td>2449</td>
<td>North Sea, Dover Strait to Westerschelde. <em>Includes significant safety-related information as follows: new windfarms, platform, submarine cable and changes to depths and wrecks.</em></td>
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<td>2638</td>
<td>Indonesia, Ports and Approaches in Sulawesi. <em>Includes significant safety-related information as follows: changes to depths, coastline, lights, beacons and buoyage.</em></td>
<td>1:200,000, 1:30,000, 1:50,000, 1:200,000, 1:25,000</td>
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<td>3102 INT 2876</td>
<td>Africa - West Coast, Ghana, Takoradi and Sekondi Bays. <em>Includes significant safety-related information as follows: changes to coastline, breakwaters, lights, depths and works in progress. Panels A and B have been cancelled.</em></td>
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<td>4011 INT 11</td>
<td>International Chart Series, North Atlantic Ocean, Northern Part. <em>Includes updates to lines of equal magnetic variation for 2020.</em></td>
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ADMIRALTY CHARTS AND PUBLICATIONS TO BE PUBLISHED

ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

ADMIRALTY Charts

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ADMIRALTY CHARTS AND PUBLICATIONS PERMANENTLY WITHDRAWN

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INTENTION TO WITHDRAW CHARTS

It is proposed to withdraw without replacement, the following ADMIRALTY Charts:

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<td>Ports on the Coast of Egypt.</td>
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<td>Port Approach Guide, Lagos.</td>
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<td>Port Approach Guide, The Ems - Emden and Delfzijl.</td>
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<td>Port Approach Guide, Warrenpoint and Greenore.</td>
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New Editions of ADMIRALTY Charts published 21 May 2020

Revision of Folio numbers shown for Chart 918

The folio number should be stated as 60 only.

Revision of charts to be available 04 June 2020

New Editions of Admiralty Charts

The following New Editions previously announced in Admiralty Notices to Mariners weekly edition 23/20 will not be published on 04 June 2020. A revised publication date of 09 July 2020, weekly edition 28/20 has been allocated.

1872  North Sea, Dunkerque to Vlissingen.
1874  International Chart Series, North Sea, Westerschelde, Oostende to Westkapelle.
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☉ denotes chart available in the ADMIRALTY Raster Chart Service series.
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Source: UK Hydrographic Office.

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Insert magenta limit and chart number, 2354, as follows:

- 53° 55´·94N., 10° 49´·90E.
- 54° 01´·00N., 10° 49´·90E.
- 54° 01´·00N., 10° 58´·40E.
- 53° 57´·05N., 10° 58´·40E.
- 53° 57´·05N., 10° 53´·67E.
- 53° 55´·94N., 10° 53´·67E.

Delete former magenta limit and chart number 2354 in position:

- 53° 59´·84N., 10° 57´·93E.
## MISCELLANEOUS UPDATES TO CHARTS

Source: UK Hydrographic Office.

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<td>2766/20 Amend chart reference to read, DE90(INT 1461), in position 53° 43´·46N., 7° 02´·17E.</td>
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<td>1707/20 Amend chart reference to read, DE90, in position 53° 27´·83N., 6° 51´·50E.</td>
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<td>INT 1462</td>
<td>Amend reference in N border at longitude 6° 48´·9E. to read, Adjoining Chart DE90.</td>
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## MISCELLANEOUS UPDATES TO CHARTS

Source: UK Hydrographic Office.

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<td>Insert magenta limit and chart number, 1912, as follows:</td>
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<td>South: 35° 45´·90N.</td>
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<td>Delete former magenta limit and chart number, 1912, in position</td>
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<td>35° 53´·87N., 5° 52´·69W.</td>
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2967* SCOTLAND - West Coast - Wrecks. Obstruction.
Source: British Government Survey

Chart 2126 [previous update 1865/20] ETRS89 DATUM
Insert Wk 55° 19´·03N., 5° 18´·45W. (a) above
Delete Obstn, close N of:
55° 19´·41N., 5° 19´·22W.

Chart 2199 [previous update 1579/20] ETRS89 DATUM
Insert Wk 55° 19´·03N., 5° 18´·45W. (a) above
Delete Obstn, close N of:
55° 19´·41N., 5° 19´·22W.

Chart 2724 (INT 1606) [previous update 1579/20] ETRS89 DATUM
Insert Wk 55° 19´·03N., 5° 18´·45W. (a) above
Delete Obstn, close N of:
55° 19´·41N., 5° 19´·22W. (a) above
Wk, close NW of:
ENGLAND - East Coast - Depth.
Source: Port of London Authority

Chart 1185 (INT 1572) [previous update New Edition 23/04/2020] ETRS89 DATUM

Insert depth, $II_5$ 51° 30´-13N., 0° 46´-17E.
2993* ENGLAND - East Coast - Harbour limit. Legends.
Source: ABP Lowestoft

Chart 1543 [previous update 2906/20] ETRS89 DATUM

Insert limit, magenta pecked line, joining:

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<td>(a)</td>
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<td>(b)</td>
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<td>52° 31´·50N., 1° 49´·97E.</td>
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<tr>
<td>(d)</td>
<td>52° 31´·50N., 1° 44´·65E.</td>
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legend, Lowestoft Pilotage Limit, along N side of:
along W side of:
along S side of:
(a)-(b) above
(b)-(c) above
(c)-(d) above
II

3001 ENGLAND - East Coast - Depths.
Source: Port of London Authority

Chart 1975 [previous update 2780/20] ETRS89 DATUM

Insert depth, $I_5^8$ (a) $51^\circ 44' 83''$N., $1^\circ 30' 53''$E.
Delete depth, $I_5^7$, close NE of: (a) above
Replace depth, $I_5^8$, with depth, $I_6^1$
  depth, $I_5^9$, with depth, $I_6^1$
  depth, $I_6^6$, with depth, $I_6^1$
  depth, $I_5^8$, with depth, $I_6^1$

Chart 2692 [previous update 2780/20] ETRS89 DATUM

Replace depth, $I_5^8$, with depth, $I_6^1$
  depth, $I_5^9$, with depth, $I_6^1$
  depth, $I_5^6$, with depth, $I_5^8$
  depth, $I_5^7$, with depth, $I_5^9$
  depth, $I_5^9$, with depth, $I_6^1$
  depth, $I_5^6$, with depth, $I_5^8$
  depth, $I_5^8$, with depth, $I_6^1$
**ENGLAND - East Coast - Depths.**
Source: Port of London Authority

**Chart 1186 (Panel A, Canvey Island to Coalhouse Point)** [previous update 2237/20] ETRS89 DATUM

<table>
<thead>
<tr>
<th>Action</th>
<th>Depth</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert</td>
<td>$9_2$</td>
<td>51° 29' 489N., 0° 27' 841E.</td>
</tr>
<tr>
<td>Insert</td>
<td>$7_9$</td>
<td>(a) 51° 29' 436N., 0° 28' 171E.</td>
</tr>
<tr>
<td>Delete</td>
<td>$8_3$</td>
<td>(a) above</td>
</tr>
</tbody>
</table>

Delete depth, $8_3$, close NE of:
3060* SCOTLAND - West Coast - Jetty Light.
Source: Mowi

Chart 2208 [previous update 5335/19] ETRS89 DATUM
Insert jetty, single firm line, joining:

- Fl.R.5s

- $57^\circ 00'\cdot 62N., 6^\circ 16'\cdot 00W.$
- $57^\circ 00'\cdot 68N., 6^\circ 16'\cdot 01W.$

(a) above
IRELAND - West Coast - Automatic Identification System.
Source: Commissioners of Irish Lights

**Chart 2725 [previous update 1877/20]** ETRS89 DATUM

Insert Automatic Identification System, AIS, at light 54° 18´·44N., 8° 37´·05W.

**Chart 2767 [previous update 2137/20]** ETRS89 DATUM

Insert Automatic Identification System, AIS, at light 54° 18´·45N., 8° 37´·07W.

**Chart 2852 [previous update 615/19]** OSI DATUM

Insert Automatic Identification System, AIS, at light 54° 18´·45N., 8° 37´·02W.
ENGLAND - South Coast - Light-beacons. Beacons.

Source: UKHO

Chart 2628 [previous update 1880/20] ETRS89 DATUM

Replace

- Q(2)R.5s 31 with Q(2)R.5s 31
  - LFL.G.10s 42 with LFL.G.10s 42
  50° 50’·376N., 1° 09’·254W.

Chart 2631 (INT 1732) [previous update 1880/20] ETRS89 DATUM

Replace

- Q(2)R.5s 31 with Q(2)R.5s 31
  - LFL.G.10s 42 with LFL.G.10s 42
  50° 50’·376N., 1° 09’·254W.

Chart 2631 (INT 1732) (Panel, Continuation of Fareham Lake) [previous update 1880/20] ETRS89 DATUM

Replace

- Q(3)R.5s 34A with Q(3)R.5s 34A
  - Q(2)G.5s 38 with Q(2)G.5s 38
  - Q(5)G.10s 39 with Q(5)G.10s 39
  50° 50’·316N., 1° 10’·391W.
  50° 50’·337N., 1° 10’·379W.
  50° 50’·365N., 1° 10’·031W.

- Q(2)R.5s 31 with Q(2)R.5s 31
  50° 50’·376N., 1° 09’·254W.
**IRELAND - South West Coast - Depths.**

Source: Geological Survey Ireland

**Chart 2552** [previous update New Edition 28/06/2018] ETRS89 DATUM

Insert depth, $I_9$, and extend 20m contour W to enclose 51° 33´·43N., 9° 39´·95W.

Replace depth, $II_5$, with depth, $I0_5$ 51° 35´·22N., 9° 38´·62W.
3100° ENGLAND - East Coast - Depths.
Source: ABP Humber

Chart 3496 (INT 1565) (Panel A, Hull Docks Eastern Part) [previous update 1989/20] ETRS89 DATUM

<table>
<thead>
<tr>
<th>Operation</th>
<th>Depth</th>
<th>Enclosure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert</td>
<td>$d_1$</td>
<td>$53° 44' 311N., 0° 18' 626W.$</td>
</tr>
<tr>
<td>Delete</td>
<td>$d_2$</td>
<td>$53° 44' 387N., 0° 18' 662W.$</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_3$, enclosed by 5m contour</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_4$, close NE of:</td>
<td>(a) above</td>
</tr>
<tr>
<td>Delete</td>
<td>$d_5$, close SE of:</td>
<td>(b) above</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_6$, close NE of:</td>
<td></td>
</tr>
<tr>
<td>Insert</td>
<td>$d_7$, and extend 7m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_8$, close N of:</td>
<td>(c) above</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_9$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_{10}$, close NE of:</td>
<td>(d) above</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_{11}$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_{12}$, close SE of:</td>
<td>(e) above</td>
</tr>
</tbody>
</table>

Chart 3496 (INT 1565) (Panel B, Hull Docks Western Part) [previous update 1989/20] ETRS89 DATUM

<table>
<thead>
<tr>
<th>Operation</th>
<th>Depth</th>
<th>Enclosure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert</td>
<td>$d_1$</td>
<td>$53° 44' 225N., 0° 19' 530W.$</td>
</tr>
<tr>
<td>Delete</td>
<td>$d_2$</td>
<td>$53° 44' 125N., 0° 20' 145W.$</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_3$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_4$, close NE of:</td>
<td>(a) above</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_5$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_6$, close SE of:</td>
<td>(b) above</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_7$, enclosed by 5m contour</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_8$, close SW of:</td>
<td>(c) above</td>
</tr>
</tbody>
</table>

Chart 3497 (INT 1554) [previous update 1989/20] ETRS89 DATUM

<table>
<thead>
<tr>
<th>Operation</th>
<th>Depth</th>
<th>Enclosure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert</td>
<td>$d_1$</td>
<td>$53° 44' 311N., 0° 18' 63W.$</td>
</tr>
<tr>
<td>Delete</td>
<td>$d_2$</td>
<td>$53° 44' 39N., 0° 18' 66W.$</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_3$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_4$, close SE of:</td>
<td>(a) above</td>
</tr>
<tr>
<td>Insert</td>
<td>$d_5$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Insert</td>
<td>$d_6$, and extend 7m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_7$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Insert</td>
<td>$d_8$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Insert</td>
<td>$d_9$, and extend 5m contour N to enclose</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_{10}$, enclosed by 5m contour</td>
<td></td>
</tr>
<tr>
<td>Delete</td>
<td>$d_{11}$, close SW of:</td>
<td>(b) above</td>
</tr>
</tbody>
</table>

1.13
FINLAND - South Coast - Marine farm.
Source: Finnish Notice 13/80/20

Chart 3828 (INT 1192) [previous update 4372/19] WGS84 DATUM

Insert ⭕ (buoyed) 60° 34´·08N., 21° 08´·75E.
2988  SWEDEN - West Coast - Pilot boarding place.
Source: Swedish Notice 807/14924/20

Chart  2594 (INT 1331) [ previous update New Edition 14/05/2020 ] WGS84 DATUM

Move

①, from:

55° 53′.5N., 12° 45′.8E.

to:

55° 54′.0N., 12° 45′.4E.
3003 SWEDEN - East Coast - Islet. Light. Rock.
Source: Swedish Notice 807/14904/20

Chart 839 (INT 1233) [ previous update 2791/20 ] WGS84 DATUM

Replace symbol, islet with ⭐ F R (1 Apr - 31 Oct) (a)

Delete ;# , close N of:

(a) 58° 50’·16N., 17° 53’·12E.

(a) above
3014  GERMANY - Baltic Coast - Buoy.
Source: German Notice 19/36/20

Chart 2106 (INT 1303) [previous update 1581/20] WGS84 DATUM
Delete Fl(5)Y.20s ODAS 54° 09’·00N., 11° 18’·47E.

Chart 2117 [previous update 2995/20] WGS84 DATUM
Delete Fl(5)Y.20s ODAS 54° 09’·00N., 11° 18’·47E.
3052 SWEDEN - East Coast - Submarine pipeline.
Source: Swedish Notice 807/14870/20

Chart 821 (INT 1237) [previous update 5328/19] WGS84 DATUM
Insert submarine pipeline, ****, joining:

- 59° 17´·23N., 18° 32´·58E.
- 59° 17´·15N., 18° 32´·59E.
- 59° 17´·12N., 18° 32´·71E.

Chart 831 (INT 1769) [previous update 5836/19] WGS84 DATUM
Insert submarine pipeline, ****, joining:

- 59° 17´·23N., 18° 32´·58E.
- 59° 17´·15N., 18° 32´·59E.
- 59° 17´·12N., 18° 32´·71E.
3061 DENMARK - East Coast - NM Block. Dredged depth.
Source: Danish Chart Correction 19/274/20

Chart 901 (INT 1374) (Panel, Aabenraa) [ previous update 5039/18 ] WGS84 DATUM

Insert the accompanying block, centred on:

- Depth, 3
  - 55° 01´·5N., 9° 26´·4E.
  - 55° 02´·791N., 9° 25´·671E.

- Depth, 6
  - 55° 02´·767N., 9° 25´·649E.
  - 55° 02´·706N., 9° 25´·690E.
3083 POLAND - Light.
Source: Polish Notice 20/288/20

Chart 2636 [ previous update 6305/19 ] WGS84 DATUM
Amend light to, Oc.R.10s 54° 31´·081N., 18° 33´·591E.
3088  DENMARK - East Coast - Wreck. Buoy.
Source: Danish Chart Correction 20/283/20

Chart 2108 (INT 1302) [previous update 2814/20] WGS84 DATUM

Insert

\[ \text{symbol, blue and yellow emergency wreck marking buoy,} \]
\[ \text{Al.Oc.BuY.3s} \]

56° 21´·25N., 11° 02´·41E.

56° 21´·25N., 11° 02´·99E.
2970 GERMANY - North Sea Coast - Foul Buoy.
Source: German Notices 19/2/20 and 19/44/20

Chart DE 2 (INT 1456) [previous update 2688/20] WGS84 DATUM
Insert 54° 03´·10N., 8° 09´·60E.

Chart DE 44 (INT 1452) [previous update 2761/20] WGS84 DATUM
Insert 54° 03´·10N., 8° 09´·60E.
Delete 54° 00´·80N., 8° 32´·07E.
2976  GERMANY - North Sea Coast - Depths.
Source: German Notice 19/7/20

Chart DE 7 (INT 1460) [previous update 2340/20] WGS84 DATUM

Insert depth, $l6_2$ at $53^\circ 34' 45"$N., $8^\circ 10' 36"$E.

Delete depth, $l6_7$, close S of: $53^\circ 34' 45"$N., $8^\circ 10' 36"$E.

(a) above
Source: German Notice 19/50/20

**Chart DE 50 (INT 1045) [previous update 2766/20 ] WGS84 DATUM**

Insert  

55° 18´·5N., 4° 46´·8E.

Q(6)+LFl.15s Helgoland-S

maritime limit, pecked line, joining:

(54° 09´·8N., 7° 50´·5E.)

(54° 09´·3N., 7° 50´·0E.)

(54° 09´·9N., 7° 47´·6E.)

(54° 10´·5N., 7° 48´·1E.)

legend, Tests (betonnt/buoyed), close W of:

Q(9)15s Helgoland-W, from:

54° 10´·6N., 7° 48´·2E.

to:

54° 09´·8N., 7° 47´·3E.

**Chart DE 87 (INT 1413) [previous update 2969/20 ] WGS84 DATUM**

Insert  

maritime limit, pecked line, joining:

(a) 54° 09´·75N., 7° 50´·50E.

(b) 54° 09´·25N., 7° 50´·00E.

(c) 54° 09´·90N., 7° 47´·60E.

(d) 54° 10´·50N., 7° 48´·10E.

legend, Messfeld (betonnt) Measuring field (buoyed), within:

(a)-(d) above

**Chart DE 103 (INT 1412) [previous update 2766/20 ] WGS84 DATUM**

Insert  

maritime limit, pecked line, joining:

(a) 54° 09´·75N., 7° 50´·50E.

(b) 54° 09´·25N., 7° 50´·00E.

(c) 54° 09´·90N., 7° 47´·60E.

(d) 54° 10´·50N., 7° 48´·10E.

legend, Messfeld (betonnt) Measuring field (buoyed), within:

(a)-(d) above
3092  BELGIUM - Depths.
Source: Belgian Notices 10/184-185/20, 10/187/20 and 10/200/20

Chart 128 (INT 1478) (Panel C, Hoboken to Wintam) [previous update 2565/20] WGS84 DATUM

Insert depth, 69  
Delete depth, 76, close N of: (a) above  
Replace depth, 78, with depth, 71  

51° 07´·33N., 4° 18´·31E.

Chart 128 (INT 1478) (Panel B, Antwerp to Hoboken) [previous update 2565/20] WGS84 DATUM

Insert depth, 104  
Delete depth, 112, close NE of: (a) above  
Insert depth, 69, and extend 8m contour N to enclose. depth, 09  
Delete depth, 17, close NW of: (b) above  
Insert depth, 104  
Replace depth, 64, with depth, 58  

51° 14´·26N., 4° 22´·27E.

Chart 128 (INT 1478) (Panel A, Baalhoek to Antwerp) [previous update 2565/20] WGS84 DATUM

Insert depth, 104  
Delete depth, 17, close NW of: (a) above  
Replace depth, 67, with depth, 146  

51° 18´·26N., 4° 16´·47E.
BELGIUM - Restricted area. Wind turbine.
Source: Belgian Notices 10/176-178/20

Chart 1406 [previous update 2574/20] WGS84 DATUM

Insert limit of restricted area, entry prohibited, pecked line, joining:

- 51° 42´·89N., 2° 47´·67E.
- 51° 38´·89N., 2° 45´·29E.
- 51° 39´·13N., 2° 44´·78E.
- 51° 41´·24N., 2° 42´·82E.
- 51° 42´·51N., 2° 45´·42E.

symbol, wind turbine

51° 41´·54N., 2° 45´·33E.
3101  FRANCE - North Coast - NM Block.
Source: French Notice 21/36/20

Chart 1892 (INT 1741) [previous update 5961/19] ETRS89 DATUM

Insert the accompanying block, centred on: 50° 53´·7N., 1° 37´·2E.
ITALY - Sicilia - Depths. Obstruction.
Source: Italian Notice 10.13/20

Chart 994 (Panel B, Catania) [previous update 1283/20] WGS84 DATUM

Replace depth, $I_3$, with depth, $I_2$

37° 29´637N., 15° 05´618E.

Replace depth, $I_0$, with Obstn

37° 29´126N., 15° 05´826E.
2990  ITALY - Sicilia - Lights. Fog signals.
Source: Italian Notice 10.11/20

Chart  965 (Panel C, Approaches to Licata and Gela)   [ previous update 2228/20 ] WGS84 DATUM

Amend light to, 2Mo(U)15s16m8M2Mo(U)R.15s16m8M 2Horn Mo(U)30s

36° 57’-26N., 14° 12’-96E.
ITALY - West Coast - Wreck.

Source: Italian Notice 10.4/20

Chart 118 (Panel A, Approaches to La Spezia) [previous update 2882/20] WGS84 DATUM

Replace $\text{(a)} Wk$ with $\text{(b)} Wk$

$44^\circ 02´·29\text{N.}, 9^\circ 57´·14\text{E.}$

Chart 1914 [previous update 6382/19] WGS84 DATUM

Replace $\text{[a]} \text{Wk}$ with $\text{[b]} \text{Wk}$

$44^\circ 02´·29\text{N.}, 9^\circ 57´·14\text{E.}$
ITALY - East Coast - Light-beacon.
Source: Italian Notice 10.16/20

Chart 1493 (Panel, Porto di Monfalcone)  [previous update 2238/20 ] WGS84 DATUM
Insert Fl(2)G.6s6m4M 45° 45´.414N., 13° 35´.312E.

Chart 1493  [previous update 2238/20 ] WGS84 DATUM
Insert Fl(2)G.6s4M 45° 45´.41N., 13° 35´.31E.
3012 ITALY - West Coast - Depths.
Source: Italian Notice 10.5/20

**Chart 167 (INT 305) [previous update 1297/20] WGS84 DATUM**
Replace depth, 12 Rep (2016), enclosed by 30m approximate contour, with depth, 58, and extend 200m contour N to enclose 41° 06’·4N., 10° 54’·3E.

**Chart 1911 [previous update 545/20] WGS84 DATUM**
Insert depth, 58, and extend 100m contour SE to enclose (a) 41° 06’·4N., 10° 54’·3E.
Delete depth, 12Rep (2016), enclosed by 30m approximate contour, close NW of: (a) above

**Chart 1992 [previous update 1810/20] WGS84 DATUM**
Insert depth, 58, and extend 100m contour SE to enclose (a) 41° 06’·4N., 10° 54’·3E.
Delete depth, 12Rep (2016), enclosed by 30m approximate contour, close NW of: (a) above
50m contour, close S of: (a) above

**Chart 4300 (INT 300) [previous update 805/20] WGS84 DATUM**
Replace depth, 12 Rep (2016), enclosed by 30m approximate contour, with depth, 58, extend 200m contour N to enclose 41° 06’·4N., 10° 54’·3E.

**Chart 4301 (INT 301) [previous update 6721/19] WGS84 DATUM**
Replace depth, 12 Rep (2016), enclosed by 30m approximate contour, with depth, 58, extend 200m contour NW to enclose 41° 06’·4N., 10° 54’·3E.

**Chart 4302 (INT 302) [previous update 416/19] WGS84 DATUM**
Replace depth, 12 Rep (2016), enclosed by 30m approximate contour, with depth, 58, and extend 200m contour N to enclose 41° 06’·4N., 10° 54’·3E.
3026 UKRAINE - Lights, Beacons.
Source: Ukrainian Notice 18/308/20

Chart 2200 [previous update 6075/19] WGS84 DATUM

Replace

- ★ F.G.29m5M with symbol, black and white beacon
  46° 36’77N., 31° 31’98E.

- ★ F.G.49m5M with
  46° 36’87N., 31° 32’17E.
3033 GREECE - Aegean Sea Coast - Buoyage. Legend.
Source: Greek Notice 4/52/2020

Chart 1596 [previous update 2883/20] WGS84 DATUM

Insert

\[ \Delta \text{ Fl. Y.2s} \]

<table>
<thead>
<tr>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>37° 56´·183N., 23° 37´·208E.</td>
</tr>
<tr>
<td>37° 56´·110N., 23° 36´·962E.</td>
</tr>
<tr>
<td>37° 55´·876N., 23° 36´·990E.</td>
</tr>
<tr>
<td>37° 56´·044N., 23° 37´·167E.</td>
</tr>
</tbody>
</table>

Legend, Works in progress (2020), centred on:
Source: Turkish Notice 20/64/20

Chart 224 [previous update New Edition 21/05/2020] WGS84 DATUM
Insert

\[ \text{\begin{align*}
&41^\circ 02'0N., 28^\circ 11'6E. \\
\end{align*}} \]

Chart 1005 [previous update 2855/20] WGS84 DATUM
Insert

\[ \text{\begin{align*}
&(a) 41^\circ 02'68N., 28^\circ 10'87E. \\
&(b) 41^\circ 02'02N., 28^\circ 11'64E. \\
\end{align*}} \]

circular limit of restricted area, radius 0.25M, centred on:

\[ \text{\begin{align*}
&(a) \text{ above} \\
&(b) \text{ above} \\
\end{align*}} \]

Delete

\[ \text{\begin{align*}
&F(5)Y.20s, \text{ close SE of:} \\
&(a) \text{ above} \\
\end{align*}} \]
GREECE - Aegean Sea Coast - Light.

Source: Greek Notice 4/54/20

Chart 1085 [ previous update New Edition 21/11/2019 ] WGS84 DATUM

Amend light to, Fl.R.3M 40° 09´·3N., 22° 33´·0E.
GREECE - Kriti - Restricted areas. Legends. Note.
Source: Greek Notice 4/50/20 and ENC GR4APP18

Chart 1706 [previous update 5560/18] WGS84 DATUM

Insert circular limit of restricted area, radius 300m, ..., centred on:

- 35° 30’·15N., 24° 06’·24E.
- 35° 29’·64N., 24° 05’·36E.
- 35° 28’·94N., 24° 06’·21E.

Legend, Historic Wk (see Note), centred on:

- 35° 30’·21N., 24° 06’·55E.
- 35° 29’·63N., 24° 05’·66E.
- 35° 28’·99N., 24° 06’·52E.

The accompanying note, HISTORIC WRECKS, centred on:

- 35° 26’·77N., 24° 02’·96E.
3068 SPAIN - Mediterranean Sea Coast - Buoyage. Light-beacons.
Source: Spanish Notice 20/156/20

Chart 1193 (INT 3180) [previous update 3790/18] WGS84 DATUM

Insert $\text{VQ}(3)5s$

Delete $\text{VQ}(3)5s8m1M$ close NW of:

(a) $41^\circ 03'\cdot 992\text{N.}, 1^\circ 11'\cdot 031\text{E.}$

Insert $\text{VQ}(3)5s$

Delete $\text{VQ}(3)5s6m1M$ close NW of:

(b) $41^\circ 04'\cdot 928\text{N.}, 1^\circ 11'\cdot 807\text{E.}$
Source: ENC AL300001

Chart 186 [previous update 2550/20] WGS84 DATUM
Insert  \( LFl.10s \)  
Delete  \( JZp \), close NW of:
(a)  41° 21´-9N., 19° 23´-6E.

Chart 1590 (Panel A, Durrës and Approaches) [previous update 1919/20] WGS84 DATUM
Insert  \( Wk \)  
Replace depth, 6\( m \), with \( Obstn\)  
\( Wk \) with \( Wk \)  
41° 16´-85N., 19° 26´-95E.
41° 17´-74N., 19° 26´-38E.
41° 16´-77N., 19° 26´-81E.
3081  SPAIN - Mediterranean Sea Coast - Buoy. Light-beacon.
Source: Spanish Chart 489A and UKHO

Chart 1196 (INT 3184) [ previous update 3957/19 ] WGS84 DATUM

Replace \( Fl(2)R.7s \) with \( Fl(2)R.7s3M \)

41° 21’·47N., 2° 10’·89E.
3086 NAMIBIA - Fog signal.
Source: SANHO

Chart 3861 (INT 2631) [previous update 4368/12] WGS84 DATUM
Amend fog signal to, Horn(1)20s 26° 37´·96S., 15° 05´·54E.
Source: ENC ID400094

Chart 2056 [previous update New Edition 28/05/2020] WGS84 DATUM

Insert
depth, 194, enclosed by 20m contour
5° 55´·57S., 105° 34´·56E.
depth, 193
5° 39´·25S., 105° 12´·70E.

Delete
depth, 49, close SW of:
(a) above

Insert
depth, 09, enclosed by 5m contour
5° 36´·42S., 105° 10´·87E.

Delete
depth, 08, close NW of:
(b) above

Insert
depth, 19, enclosed by 5m contour
5° 36´·44S., 105° 12´·05E.
depth, 07, and extend 5m contour E to enclose
5° 32´·72S., 105° 16´·07E.

Amend
range of light to, 18M
5° 26´·84S., 105° 16´·81E.

Delete
T Fl(3)20s18m12M
5° 32´·90S., 105° 21´·45E.

Chart 2785 [previous update New Edition 28/05/2020] WGS84 DATUM

Insert
Fl.3s18M
5° 26´·8S., 105° 16´·9E.
depth, 194, enclosed by 20m contour
5° 55´·6S., 105° 34´·6E.

Delete
depth, 215, close S of:
(a) above

Chart 2862 [previous update New Edition 28/05/2020] WGS84 DATUM

Insert
Fl.3s18M
5° 26´·8S., 105° 16´·9E.
depth, 194, enclosed by 20m contour
5° 55´·6S., 105° 34´·6E.

Delete
depth, 215, close S of:
(a) above

Chart 2965 (Panel A, Panjang) [previous update 803/19] WGS84 DATUM

Insert
the accompanying block, centred on:
5° 28´·1S., 105° 18´·8E.

Chart 2965 (Panel B, Approaches to Panjang) [previous update 803/19] WGS84 DATUM

Insert
depth, 07, enclosed by 5m contour
5° 32´·72S., 105° 16´·07E.

Delete
Fl.4s
5° 32´·52S., 105° 20´·24E.

Amend
range of light-beacon to, 18M
5° 26´·83S., 105° 16´·93E.

Delete
Fl.4s
5° 32´·89S., 105° 20´·25E.

T Fl(3)20s18m12M
5° 32´·90S., 105° 21´·45E.
3020  INDONESIA - Sumatera - Light-beacons. Light.
Source: Indonesian Notice 20/232/20

Chart 400  [previous update 6000/17] UNDETERMINED DATUM
Insert Fl(2)8s12m12M

Chart 2760  [previous update 806/19] UNDETERMINED DATUM
Insert Fl(2)12M

Chart 2779  [previous update 4146/19] UNDETERMINED DATUM
Insert Fl(2)8s12M

1° 18´·2N., 98° 15´·8E.

1° 18´·2N., 98° 15´·8E.

1° 18´·1N., 98° 15´·1E.
3054  INDONESIA - Sumatera - Anchorage areas. NM Blocks.
Source: Indonesian Notice 20/228/20

Chart 2403 [previous update 2599/20] WGS84 DATUM
Delete limit of anchorage area, pecked line, joining:
1° 01´·00N., 103° 34´·74E.
1° 01´·00N., 103° 37´·75E.
0° 56´·90N., 103° 35´·61E.
and
1° 08´·77N., 104° 09´·64E.
1° 11´·02N., 104° 08´·98E.
1° 11´·02N., 104° 10´·66E.
1° 08´·77N., 104° 10´·66E.

Chart 3831 [previous update 1761/20] WGS84 DATUM
Delete limit of anchorage area, pecked line, and associated legend,
Lay Up ♻, joining:
1° 11´·00N., 104° 09´·00E.
1° 08´·80N., 104° 09´·66E.
1° 08´·80N., 104° 10´·67E.
1° 11´·00N., 104° 10´·66E.

Chart 3833 [previous update 2599/20] WGS84 DATUM
Delete limit of anchorage area, pecked line, joining:
0° 56´·98N., 103° 35´·65E.
1° 01´·00N., 103° 37´·75E.
1° 01´·00N., 103° 34´·74E.
0° 56´·98N., 103° 35´·58E.

Chart 3937 (Panel B, Tanjunguban and Kabil) [previous update New Edition 12/12/2019] WGS84 DATUM
Insert the accompanying block, centred on:
1° 06´·1N., 104° 10´·7E.

Chart 3948 [previous update 2048/20] WGS84 DATUM
Delete limit of anchorage area, pecked line, joining:
1° 01´·06N., 103° 34´·82E.
1° 01´·06N., 103° 37´·84E.
0° 56´·93N., 103° 35´·67E.
and
0° 36´·67N., 104° 01´·83E.
0° 35´·00N., 104° 06´·25E.
0° 30´·83N., 104° 06´·25E.
0° 33´·42N., 104° 01´·83E.
II

3054  INDONESIA - Sumatera - Anchorage areas. NM Blocks. (continued)

Chart 3949 [previous update New Edition 12/12/2019] WGS84 DATUM

Insert

the accompanying block A, centred on:
1° 08´·1N., 104° 10´·1E.

the accompanying block B, centred on:
0° 54´·9N., 104° 23´·4E.

Delete

limit of anchorage area, pecked line, joining:
0° 31´·86N., 104° 04´·50E.
0° 30´·83N., 104° 06´·25E.
0° 35´·00N., 104° 06´·25E.
0° 35´·65N., 104° 04´·50E.

Chart 4042 [previous update 1761/20] WGS84 DATUM

Delete

limit of anchorage area, pecked line, and associated legend,
Lay Up ❌, joining:
1° 09´·55N., 104° 09´·43E.
1° 11´·00N., 104° 09´·00E.
1° 11´·00N., 104° 10´·67E.
1° 09´·55N., 104° 10´·67E.

Chart 5524 [previous update New Edition 19/12/2019] WGS84 DATUM

Insert

the accompanying block, centred on:
0° 59´·1N., 103° 37´·1E.

Chart 5527 [previous update New Edition 19/12/2019] WGS84 DATUM

Insert

the accompanying block, centred on:
1° 08´·1N., 104° 10´·2E.
3059  INDONESIA - Sumatera - Depth.
Source: ENC ID50018A

Chart 3933 (Panel A, Dumai) [previous update 1532/19] WGS84 DATUM
Insert depth, $I_{27}$ 1° 42' 53 N., 101° 24' 54 E.
2965 CHINA - South Coast - Depths.
Source: Chinese Notice 18/607/20

Chart 1716 [previous update 2916/20] CGCS 2000 DATUM
Replace depth, I8, with depth, II5, with seabed type, St

Chart 2401 [previous update 2453/20] CGCS 2000 DATUM
Replace depth, I8, with depth, II5

25° 07’·14N., 119° 30’·88E.
Source: Chinese Notices 18/603-604/20

Chart 1601 (Panel A) [ previous update 2384/20 ] CGCS 2000 DATUM
Insert
\[ \begin{align*}
\text{Obstn} & \quad 31^\circ 26´·20N., 121^\circ 29´·49E. \\
\end{align*} \]
Delete depth, 17\text{f}, close N of:
\[ (a) \text{ above} \]

Chart 1603 [ previous update 2678/20 ] CGCS 2000 DATUM
Insert
\[ \begin{align*}
\text{Obstn} & \quad 31^\circ 26´·20N., 121^\circ 29´·49E. \\
\end{align*} \]

Chart 1604 (Panel A, Baoshan to Dongfengxi Sha) [ previous update 2653/20 ] CGCS 2000 DATUM
Insert
\[ \begin{align*}
\text{Obstn} & \quad 31^\circ 26´·20N., 121^\circ 29´·49E. \\
\end{align*} \]
Replace depth, 9\text{f}, enclosed by 10m contour, with
\[ \begin{align*}
\text{Wk} & \quad 31^\circ 32´·65N., 121^\circ 31´·48E. \\
\end{align*} \]
### CHINA - East Coast - Pilot boarding places.

Source: Chinese Notices 17/571-572/20

#### Chart 1199 [previous update 2837/20] CGCS 2000 DATUM

<table>
<thead>
<tr>
<th>Insert</th>
<th>No 1</th>
<th>30° 31´·2N., 122° 35´·2E.</th>
</tr>
</thead>
<tbody>
<tr>
<td>No 2</td>
<td></td>
<td>30° 28´·7N., 122° 34´·6E.</td>
</tr>
<tr>
<td>No 3</td>
<td></td>
<td>30° 23´·3N., 122° 33´·6E.</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>30° 27´·6N., 122° 28´·4E.</td>
</tr>
</tbody>
</table>

#### Chart 1305 [previous update 2027/20] CGCS 2000 DATUM

<table>
<thead>
<tr>
<th>Insert</th>
<th>No 3</th>
<th>30° 23´·33N., 122° 33´·60E.</th>
</tr>
</thead>
</table>

#### Chart 1306 [previous update 2837/20] CGCS 2000 DATUM

<table>
<thead>
<tr>
<th>Insert</th>
<th>No 1</th>
<th>30° 31´·20N., 122° 35´·17E.</th>
</tr>
</thead>
<tbody>
<tr>
<td>No 2</td>
<td></td>
<td>30° 28´·72N., 122° 34´·57E.</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>30° 27´·47N., 122° 28´·98E.</td>
</tr>
</tbody>
</table>
CHINA - East Coast - Submarine pipeline. Legend.

Source: Chinese Notice 18/608/20

Chart 1736 [previous update 1972/20] CGCS 2000 DATUM

Insert submarine pipeline, ----, joining:

(a) 25° 06´·76N., 119° 05´·94E.
(b) 25° 04´·90N., 119° 06´·82E.

(a)-(b) above

legend, Water, along:
2974  CHINA - Yellow Sea Coast - Virtual aid to navigation.
Source: Chinese Notice 18/601/20

Chart 1254 [previous update 927/20] CGCS 2000 DATUM
Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS
36° 49′·2N., 122° 34′·4E.

Chart 1289 [previous update New Edition 30/01/2020] CGCS 2000 DATUM
Insert symbol, Virtual aid to navigation, isolated danger topmark, V-AIS
36° 49′·20N., 122° 34′·40E.
2977 CHINA - Bo Hai - Obstructions. Depth.
Source: Chinese Notice 18/600/20

Chart 3378 (Panel, Qinhuangdao) [previous update 2873/20] CGCS 2000 DATUM

Delete

Obstn 39° 55´·27N., 119° 39´·83E.
Obstn 39° 55´·15N., 119° 39´·72E.
depth, 144
Obstn 39° 54´·88N., 119° 40´·54E.

Wk25/20
2978 CHINA - South Coast - Wrecks.
Source: Chinese Notice 18/616/20

Chart 341 [ previous update 2647/20 ] WGS84 DATUM

Chart 343 [ previous update 1317/20 ] WGS84 DATUM
Delete Rep(2009) PA

Chart 3026 [ previous update 2626/20 ] WGS84 DATUM

22° 21'57N., 113° 38'97E.
22° 16'90N., 113° 39'65E.
22° 21'57N., 113° 38'97E.
22° 16'90N., 113° 39'65E.
CHINA - Yellow Sea Coast - Wrecks.
Source: Chinese Notice 18/602/20
Note: V-AIS remains unchanged

Chart 1201 [previous update 2674/20] CGCS 2000 DATUM

Insert

Replace

Rep(2018) with

Rep(2018) PA with
3004 CHINA - South Coast - Wreck.
Source: UKHO

Chart 343 [previous update 2978/20] CGCS 2000 DATUM
Insert 22° 23'·48N., 113° 49'·25E.

Chart 3026 [previous update 2978/20] WGS84 DATUM
Insert 22° 23'·48N., 113° 49'·25E.
II

3015  CHINA - East Coast - Buoyage. Wreck.
Source: Chinese Notices 17/565-566/20

Chart 1199 [previous update 2968/20] CGCS 2000 DATUM
Delete symbol, blue and yellow emergency wreck marking buoy,
Al.Fl.BuY.3s (2 buoys)

\[\text{Fl(2)5s W41}\]

\[\text{Wk} \]

\[\text{Fl(2)5s, close NW of:}\]

\[\text{(a) 31° 15’·1N., 122° 37’·0E.}\]

Chart 1602 [previous update 2542/20] CGCS 2000 DATUM
Insert symbol, blue and yellow emergency wreck marking buoy,
Al.Fl.BuY.3s W76

\[\text{Mo(O)Y.12s No 4}\]

Delete symbol, blue and yellow emergency wreck marking buoy,
Al.Fl.BuY.3s W75, close SE of:

\[\text{Fl(2)5s W41}\]

\[\text{Wk} \]

\[\text{Fl(2)5s, close NW of:}\]

\[\text{(a) above}\]

(b) 31° 15’·07N., 122° 37’·01E.

Chart 2412 [previous update 904/20] WGS84 DATUM
Delete \[\text{Wk}\]

Chart 3480 [previous update 2108/20] WGS84 DATUM
Delete \[\text{Wk}\]

Wk25/20
3017 VIETNAM - Wreck.
Source: VMS-North Notice 72/20
Note: Former Notice 2660(T)/20 is cancelled.

Chart 1100 [previous update 1661/20] WGS84 DATUM
Insert $\text{PA}$

10° 21′ 09″ N., 106° 58′ 12″ E.
3027° VIETNAM - Jetty.
Source: mv Clipper Triumph

Chart 3989 [previous update 2107/20] WGS84 DATUM
Insert jetty, single firm line, joining:

18° 51' 0N., 105° 43' 1E.
18° 51' 4N., 105° 43' 8E.
3038 VIETNAM - Depths. Drying heights.
Source: VMS-North Notice 70/20

Chart 3881 [previous update 449/20] WGS84 DATUM
Insert depth, 7 (a) 20° 49’·73N., 106° 49’·44E.
Delete depth, 7p, close NW of: (a) above

Chart 3882 [previous update 2068/20] WGS84 DATUM
Insert depth, 7 (a) 20° 49’·73N., 106° 49’·44E.
Delete depth, 7p, close NW of: (a) above
Insert drying height, 0p, enclosed by 0m low water line 20° 49’·98N., 106° 47’·75E.
Delete depth, 6p (b) 20° 51’·10N., 106° 45’·14E.
Insert depth, 6p (b) above
Delete depth, 6p (b) above
Insert depth, 6p (c) 20° 52’·02N., 106° 43’·31E.
Delete depth, 7p, close NE of: (c) above
Replace depth, 0p, with drying height, 0p, enclosed by 0m low water line 20° 49’·99N., 106° 48’·01E.

Chart 3882 (Panel A, Hai Phong) [previous update 2068/20] WGS84 DATUM
Insert depth, 6p (a) 20° 52’·11N., 106° 40’·60E.
Delete depth, 7p, close SE of: (a) above
VIETNAM - Buoyage.
Source: VMS-South Notice 88/20

Chart 1036 [previous update 2923/20] WGS84 DATUM

Insert

\[ F(3+1) \cdot 12s A1 \]

\[ F(3+1) \cdot 12s A2 \]

10° 46´·73N., 106° 44´·44E.
10° 46´·72N., 106° 44´·58E.
II

3072   CHINA - South Coast - Submarine cable.
Source: Hong Kong Notice 10/26/20
Note: Former Notice 4670(T)/19 is cancelled.

Chart 4117 [previous update New Edition 10/10/2019] WGS84 DATUM
Insert submarine cable, ~~~~, joining:

22° 16’·906N., 114° 16’·030E.
22° 16’·967N., 114° 15’·813E.
22° 16’·952N., 114° 15’·744E.
22° 16’·878N., 114° 15’·589E.
22° 16’·788N., 114° 15’·495E.
22° 16’·583N., 114° 15’·312E.
22° 16’·365N., 114° 15’·193E.
22° 16’·319N., 114° 15’·145E.
22° 16’·149N., 114° 14’·939E.

Chart 4126 [previous update 4957/18] WGS84 DATUM
Insert submarine cable, ~~~~, joining:

22° 16’·91N., 114° 16’·03E.
22° 16’·97N., 114° 15’·81E.
22° 16’·95N., 114° 15’·74E.
22° 16’·88N., 114° 15’·59E.
22° 16’·79N., 114° 15’·49E.
22° 16’·58N., 114° 15’·31E.
22° 16’·36N., 114° 15’·19E.
22° 16’·32N., 114° 15’·15E.
22° 16’·15N., 114° 14’·94E.

Chart 4127 [previous update 3995/19] WGS84 DATUM
Insert submarine cable, ~~~~, joining:

22° 16’·80N., 114° 15’·51E.
22° 16’·58N., 114° 15’·31E.
22° 16’·36N., 114° 15’·19E.
22° 16’·32N., 114° 15’·15E.
22° 16’·15N., 114° 14’·94E.
3087 VIETNAM - Depth.
Source: Vietnamese Notice 78/20

Chart 3986 [previous update 2725/20] WGS84 DATUM
Replace depth, 192, with depth, 165, and extend 20m contour W to enclose 9° 27´·1N., 106° 35´·7E.
3040  JAPAN - Hokkaidō - NM Blocks.
Source: Japanese Notice 21/389/20
Note: Former Notices 6611(T)/19 and 1647(P)/20 are cancelled.

Chart JP 16 [previous update 5615/19] WGS84 DATUM
Insert the accompanying block A, centred on: 42° 21’ 11"N., 140° 58’ 33"E.
the accompanying block B, centred on: 42° 20’ 53"N., 140° 59’ 51"E.
3041  JAPAN - Honshū - NM Block.
Source: Japanese Notice 21/390/20
Note: Former Notice 4498(T)/19 is cancelled

Chart JP 148 [ previous update 1367/20 ] WGS84 DATUM
Insert the accompanying block, centred on: 39° 46´ 13"N., 140° 02´ 53"E.
3042  JAPAN - Honshū - Light.
Source: Japanese Notice 21/391/20

Chart JP 149 [ previous update 478/20 ] WGS84 DATUM
Amend light to, 2FI R G 3s 5M 34° 25´·27N., 131° 00´·35E.
II

Source: Japanese Notice 21/401/20

Chart JP 214A [previous update 5134/19] WGS84 DATUM

Insert depth, 2y Rep (2018)
groyne, single firm line, joining:

31° 33’ 10·5”N., 130° 33’ 39·8”E.
31° 36’ 37·6”N., 130° 34’ 29·7”E.
31° 36’ 37·7”N., 130° 34’ 30·0”E.
31° 36’ 36·7”N., 130° 34’ 30·3”E.
31° 36’ 36·6”N., 130° 34’ 29·4”E.
31° 36’ 34·8”N., 130° 34’ 29·9”E.
31° 36’ 34·9”N., 130° 34’ 30·9”E.
31° 36’ 33·3”N., 130° 34’ 30·9”E.
31° 36’ 33·4”N., 130° 34’ 29·1”E.

quay, double firm line, width 9m, joining:
(a) 31° 35’ 34·5”N., 130° 35’ 56·6”E.
(b) 31° 35’ 33·9”N., 130° 35’ 56·7”E.

legend, Unsurveyed, along NE side of:
(a)-(b) above

legend, Unsurveyed, along SW side of:
(a)-(b) above
3044  JAPAN - Nansei Shotō - Light.
Source: Japanese Notice 21/403/20

Chart JP 226 [previous update 1123/20] WGS84 DATUM

Move  ★ Aero, from: 26° 11´·94N., 127° 38´·56E.
      to: 26° 12´·80N., 127° 39´·13E.
KOREA - South Coast - NM Block.
Source: Korean Notice 13/180/20

Chart 127 [previous update 1532/20] WGS84 DATUM

Insert the accompanying block, centred on: 34° 34´·9N., 128° 00´·8E.
2994  KOREA - East Coast - Buoy.
Source: Korean Notice 20/297/20

Chart 898 (Panel A, Ulsan and Mipo) [previous update 2839/20] WGS84 DATUM

Delete $\frac{F(4)}{Y.8s}$

35° 29′.82N., 129° 23′.01E.
3025 KOREA - South Coast - Fish havens.
Source: Korean Notice 20/(172)/20.

Chart 3391 (INT 5360) [previous update 2751/20] WGS84 DATUM

| Insert | 34° 46´·52N., 128° 16´·19E. |
|        | 34° 46´·51N., 128° 15´·75E. |
KOREA - East Coast - Light.
Source: Korean Notice 20/296/20

Chart 898 (Panel B, Pohang and Approaches) [previous update 2994/20] WGS84 DATUM

Amend range of light to, 7M 36° 06´·73N., 129° 25´·93E.
II

2981 PHILIPPINE ISLANDS - Luzon - Lights.
Source: Philippines Notices 4/13-19/20

Chart 4412 [previous update 132/20] WGS84 DATUM
Insert ★ Fl.5s12M
Delete ★ Fl.R.5s11m12M and associated sector, close SW of:
Amend light to, Fl(2)5s18m18M
14° 03´·9N., 124° 10´·5E.

Chart 4413 [previous update 2485/20] WGS84 DATUM
Insert ★ Fl.5s12M
Delete ★ Fl.R.5s11m12M and associated sector, close SW of:
Amend light to, Fl.R.5s16m10M
light to, Fl.5s10m7M
light to, Fl(2)5s18m18M
14° 24´·6N., 122° 40´·2E.

Chart 4486 [previous update 1321/20] WGS84 DATUM
Amend light to, Fl.5s15m7M
light to, Fl.5s7M
light to, Fl(2)R.10s21m7M
12° 56´·86N., 123° 52´·87E.

Chart 4487 [previous update 2464/20] WGS84 DATUM
Amend light to, Fl(3)R.10s11m10M
12° 54´·31N., 123° 35´·47E.

Wk25/20
2987  INDONESIA - Jawa - Depths. Jetties. NM Block.
Source: ENCs ID5095R1, ID5095R6 and ID6095R8

Chart 909 [previous update New Chart 21/05/2020] WGS84 DATUM

Insert depth, 81, enclosed by 10m contour (a) 6° 01´·52S., 105° 56´·00E.
Delete depth, 144, close E of: (a) above
Insert depth, 27, and extend 30m contour S to enclose depth, 205, and extend 30m contour SW to enclose depth, 293, enclosed by 30m contour (b) 5° 55´·99S., 105° 58´·41E.
Delete depth, 44, close N of: (b) above
Insert depth, 81, enclosed by 10m contour 5° 52´·53S., 105° 46´·05E.
Delete depth, 246, close NW of: (c) above
Insert depth, 73, enclosed by 10m contour 5° 51´·98S., 105° 45´·81E.
Replace depth, 152, with depth, 104 5° 52´·92S., 106° 01´·84E.

Chart 918 (Panel D, Suralaya) [previous update New Edition 21/05/2020] WGS84 DATUM
Replace depth, 152, with depth, 104 5° 52´·92S., 106° 01´·84E.

Chart 918 (Panel E, Merak) [previous update New Edition 21/05/2020] WGS84 DATUM
Insert jetty, single firm line, joining: 5° 57´·96S., 105° 59´·77E.
depth, 27 5° 57´·99S., 105° 59´·63E.
depth, 205 5° 57´·79S., 105° 59´·56E.
depth, 293 5° 57´·14S., 105° 57´·65E.
Insert the accompanying block, centred on: 5° 55´·1S., 105° 59´·8E.

Chart 918 (Panel F, Cigading) [previous update New Edition 21/05/2020] WGS84 DATUM
Insert jetty, single firm line, joining: 6° 01´·36S., 105° 56´·50E.
depth, 81, enclosed by 10m contour (a) 6° 01´·52S., 105° 56´·00E.
Delete depth, 144, close E of: (a) above
Source: Indonesian Notices 20/229, 230 and 231/20

Chart 1066 [previous update 2530/20] WGS84 DATUM
Delete Fl(2)Y.12M 3° 50´·0S., 114° 29´·3E.

Chart 2471 [previous update 2717/20] WGS84 DATUM
Delete Fl(2)Y.12M 3° 50´·0S., 114° 29´·3E.

Chart 2794 [previous update 2244/20] WGS84 DATUM
Delete Fl(2)Y.10s12M 3° 50´·0S., 114° 29´·3E.

Chart 2795 [previous update 6193/19] WGS84 DATUM
Delete Fl(2)Y.10s12M 3° 50´·0S., 114° 29´·3E.

Chart 3015 (Panel A, Sungai Barito) [previous update 2081/20] WGS84 DATUM
Insert Fl.10s16m10M 3° 18´·60S., 114° 33´·94E.
Delete Fl(2)Y.10s 3° 44´·20S., 114° 29´·20E.

Chart 3029 [previous update 6193/19] WGS84 DATUM
Delete Fl(2)Y.10s 3° 44´·2S., 114° 29´·2E.
Delete Fl(2)Y.10s12M 3° 50´·0S., 114° 29´·3E.
3024  INDONESIA - Jawa - Submarine cables.
Source: Indonesian Notices 18/215/20, 19/221/20 & 20/235/20

Chart 2796  [previous update 2530/20] WGS84 DATUM
Insert submarine cable, ~~~, joining:

6° 32´·2S., 110° 20´·0E.
6° 24´·6S., 110° 36´·5E.
6° 24´·7S., 110° 39´·9E.
6° 20´·2S., 110° 46´·3E.
6° 13´·5S., 111° 05´·5E.
6° 13´·7S., 111° 10´·9E.
6° 24´·9S., 112° 16´·3E.
6° 27´·2S., 112° 21´·1E.
6° 30´·4S., 112° 23´·7E.
6° 43´·5S., 112° 28´·7E.
6° 45´·0S., 112° 29´·9E.

Chart 3729  [previous update 2769/20] WGS84 DATUM
Insert submarine cable, ~~~, joining:

5° 58´·16S., 107° 07´·55E.
5° 40´·77S., 107° 09´·54E.
5° 40´·65S., 108° 30´·95E.
5° 43´·08S., 108° 38´·82E.
5° 54´·33S., 108° 45´·78E.
and
6° 35´·37S., 108° 32´·62E.
6° 32´·57S., 108° 45´·78E.
and
6° 35´·45S., 108° 32´·64E.
6° 34´·50S., 108° 44´·65E.
6° 34´·05S., 108° 45´·78E.

Chart 3731  [previous update 2769/20] WGS84 DATUM
Insert submarine cable, ~~~, joining:

6° 28´·66S., 110° 27´·75E.
6° 24´·60S., 110° 36´·49E.
6° 24´·75S., 110° 39´·88E.
6° 20´·17S., 110° 46´·27E.
6° 13´·49S., 111° 05´·49E.
6° 13´·68S., 111° 10´·88E.
6° 24´·95S., 112° 16´·29E.
6° 27´·17S., 112° 21´·07E.
6° 30´·41S., 112° 23´·69E.
6° 43´·47S., 112° 28´·72E.
6° 44´·42S., 112° 29´·30E.
6° 44´·99S., 112° 29´·89E.
3031 MALAYSIA - Sarawak - Wreck.
Source: Marine Department, Sarawak Notice 41/20

Chart 3836 [previous update 2312/20] WGS84 DATUM
Insert

2° 47’·81N., 111° 24’·78E.
3057 INDONESIA - Java Sea - Wreck.
Source: Indonesian Notice 20/233/20

Chart 1066 [previous update 3011/20] WGS84 DATUM
Insert 29, Wk
4° 08´·0S., 108° 40´·6E.

Chart 2470 [previous update 2530/20] WGS84 DATUM
Insert 29, Wk
4° 08´·0S., 108° 40´·6E.

Chart 2872 [previous update 2140/20] WGS84 DATUM
Insert 29, Wk
4° 08´·0S., 108° 40´·6E.
3023 UNITED STATES OF AMERICA - West Coast - Buoy.
Source: US Coast Guard District 11 LNM 18/18755/20

Chart 4910 [previous update 2563/20] NAD83 DATUM
Insert $\varpi$ Fl.Y.4s

Chart 4911 [previous update 2223/20] NAD83 DATUM
Insert $\varpi$ Fl.Y.4s

$33^\circ 15'.5\text{N.}, 119^\circ 36'.0\text{W.}$

$33^\circ 15'.50\text{N.}, 119^\circ 35'.97\text{W.}$
**II**

**3067 UNITED STATES OF AMERICA - West Coast - Obstructions.**
Source: OCS

**Chart 4911 [ previous update 3023/20 ] NAD83 DATUM**

- Insert
  - ☐ Obstn PA
  - ☐
  - ☐ Obsms PA

<table>
<thead>
<tr>
<th>Lat</th>
<th>Lon</th>
</tr>
</thead>
<tbody>
<tr>
<td>34° 21´·91N.</td>
<td>119° 45´·35W.</td>
</tr>
<tr>
<td>34° 20´·61N.</td>
<td>119° 41´·84W.</td>
</tr>
<tr>
<td>34° 19´·75N.</td>
<td>119° 30´·76W.</td>
</tr>
<tr>
<td>34° 19´·35N.</td>
<td>119° 30´·05W.</td>
</tr>
<tr>
<td>34° 19´·47N.</td>
<td>119° 30´·46W.</td>
</tr>
</tbody>
</table>
3018 URUGUAY - Buoyage.
Source: Uruguayan Notice 4/28/20

Chart 2001 (Panel A, Bahia de Montevideo) [previous update 6659/19] WGS84 DATUM
Delete $\mathbf{F}(4)Y.5s$ 34° 55´·00S., 56° 15´·92W.

Chart 2001 (Panel B, Approaches to Montevideo) [previous update 6659/19] WGS84 DATUM
Delete $\mathbf{F}(4)Y.5s$ 34° 55´·00S., 56° 15´·92W.
34° 55´·00S., 56° 17´·80W.
3062 BRAZIL - South Coast - Buoyage.
Source: Brazilian Notice 9/S 59/20

Chart 566 [previous update 2457/20] WGS84 DATUM

WGS84 DATUM

<table>
<thead>
<tr>
<th>Insert</th>
<th>Fl(2)R.5s No 1</th>
<th>22° 58′·12S., 43° 09′·34W.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fl(2)R.5s No 2</td>
<td>22° 57′·87S., 43° 09′·50W.</td>
</tr>
<tr>
<td></td>
<td>Fl(2)R.5s No 3</td>
<td>22° 57′·17S., 43° 09′·03W.</td>
</tr>
</tbody>
</table>
2980  PANAMA - Caribbean Sea Coast - Buoy.
Source: Panama Maritime Authority
Note: Former Notice 2904(P)/20 is cancelled.

Chart CP 1 [ previous update New Edition 28/05/2020 ] WGS84 DATUM
Delete Iso.6s 'Whis'

9° 24’·634N., 79° 53’·776W.
3002  UNITED STATES OF AMERICA - Gulf of Mexico - Obstruction.
Source: US Coast Guard District 8 LNM 19/11307/20

Chart 3849 [previous update 6686/19] NAD83 DATUM

Insert Obstn PA

27° 50' 4N., 96° 54' 8W.
3071 UNITED STATES OF AMERICA - Gulf of Mexico - Submarine pipeline.
Source: UKHO

Chart 3856 [previous update 2646/20] NAD83 DATUM

Insert submarine pipeline, joining:

28° 51'·90N., 90° 05'·00W.
28° 51'·29N., 90° 04'·15W.
3021 UNITED STATES OF AMERICA - East Coast - Superbuoys.
Source: US Coast Guard District 5 LNMs 19/11009/20 and 19/12200/20

Chart 2710 [previous update 2500/20 ] WGS84 DATUM
Insert
\[ Fl(4)Y.20s '41001' ODAS PA \]  \( a \) 34° 43´·1N., 72° 19´·8W.
Delete
former \[ Fl(4)Y.20s '41001' ODAS, close SW of: \]  \( a \) above

Chart 4403 (INT 403) [previous update 2372/20 ] UNDETERMINED DATUM
Insert
\[ Fl(4)Y.20s ODAS 41001 PA \]  \( a \) 34° 43´·1N., 72° 19´·8W.
Delete
former \[ Fl(4)Y.20s ODAS 41001, close SW of: \]  \( a \) above
II

3022 UNITED STATES OF AMERICA - East Coast - Light.
Source: US Coast Guard District 5 LNM 19/12311/20

Chart 2603 (Panel 1) [previous update 2957/20] NAD83 DATUM

Insert ★ 2Q.20ft

39° 27’·59N., 75° 35’·19W.
ENGLAND - East Coast - Buoy.

Source: Trinity House

1. The south cardinal light-buoy, Q(6)+LFl.15s Barley, has been moved to position 52° 38´·50N., 1° 52´·96E.
2. This change will be included in a New Edition of Chart 1534 to be published mid 2020.

(ETRS89 DATUM)

Chart affected - 1534 (INT 1558)
ENGLAND - East Coast - Harbour limit. Pilotage.

Source: ABP Lowestoft

1. Insert Harbour Limit for Port of Lowestoft joining the following positions:
   - 52° 28´·318N., 1° 45´·383E.
   - 52° 28´·297N., 1° 45´·370E.

2. Insert Lowestoft Pilotage Limit joining the following positions:
   - 52° 31´·50N., 1° 44´·65E.
   - 52° 31´·50N., 1° 50´·00E.
   - 52° 26´·10N., 1° 50´·00E.
   - 52° 26´·10N., 1° 43´·80E.

3. These and other changes will be included in the next New Edition of Chart 1535, to be published Mid 2020. (ETRS89 DATUM)

Chart affected - 1535 (INT 1559)
ENGLAND - East Coast - Moorings. Works.

Source: Peel Ports Medway

1. Two drilling rigs will be temporarily moored alongside berth No 10, within the following area:

- 51° 26´·880N., 0° 44´·670E.
- 51° 26´·903N., 0° 44´·639E.
- 51° 26´·970N., 0° 44´·667E.
- 51° 26´·984N., 0° 44´·766E.
- 51° 26´·946N., 0° 44´·813E.

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

(ETRS89 DATUM)

Charts affected - 1185 (INT 1572) - 3683
1. Coastal protection works are taking place at Withernsea. Vessels will be working within an area bounded by the following positions:

- 53° 43´·35N., 0° 02´·67E.
- 53° 43´·79N., 0° 02´·78E.
- 53° 44´·59N., 0° 07´·05E.
- 53° 45´·52N., 0° 08´·76E.
- 53° 46´·40N., 0° 11´·89E.
- 53° 46´·10N., 0° 12´·25E.
- 53° 44´·48N., 0° 10´·33E.
- 53° 43´·52N., 0° 08´·64E.
- 53° 42´·95N., 0° 04´·11E.
- 53° 42´·97N., 0° 03´·11E.

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

Charts affected - 107 - 121 - 1190 (INT 1508)
ENGLAND - East Coast - Buoy.

Source: Briggs Marine Contractors Ltd

1. The following light-buoy has been temporarily moved:

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Designation</th>
<th>Former Position</th>
<th>New Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLY.2.5s</td>
<td>DZ No 3</td>
<td>53° 29´·30N., 0° 19´·21E.</td>
<td>53° 29´·36N., 0° 17´·50E.</td>
</tr>
</tbody>
</table>

(ETRS89 DATUM)

Charts affected - 104 (INT 1566) - 107 - 1190 (INT 1508)
2997(T)/20 NORWAY - West Coast - Buoy.

Source: Norwegian Notice 9/61479(T)/20

1. The Isolated danger light-buoy in position 63° 13´·2N., 7° 45´·7E., has been temporarily removed. (WGS84 DATUM)

Charts affected - 1428 (INT 1402) - 1429 (INT 1403)
A submarine cable has been laid, joining the following positions:

- 64° 17´·3N., 7° 56´·7E.
- 64° 14´·6N., 7° 44´·1E.
- 64° 17´·2N., 7° 15´·0E.
- 64° 16´·3N., 7° 12´·5E.

Mariners are advised to navigate with caution in the area.

Charts will be updated when full details become available.

(WGS84 DATUM)

Chart affected - 1429 (INT 1403)
2964(T)/20     FINLAND - West Coast - Light.

Source: Finnish Notice 13/83(T)/20

1. ORITKARI light, Iso.WRG.4s, in position 64° 59´·935N., 25° 24´·635E. has been temporarily extinguished.

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

(WGS84 DATUM)

Charts affected - 2620 (INT 11461) - 3863 (INT 1148)
II

2989(T)/20 SWEDEN - West Coast - Pilot boarding place.

Source: Swedish Notice 807/14924/20

1. The pilot boarding place in position 55° 53´·5N., 12° 45´·8E. has been moved to position 55° 54´·0N., 12° 45´·4E. (WGS84 DATUM)

Chart affected - X 2594 (INT 1331)
3010(T)/20  LATVIA - Buoyage.

Source: Latvian Notice 5/149(T)-150(T)/20

1. The starboard lateral light-buoy, *Fl.G.3s '3'*; in position 57° 24′·876N., 21° 30′·797E. is temporarily unlit.
2. The west cardinal light-buoy, *Q(9)15s*, in position 57° 25′·688N., 21° 30′·356E. is temporarily unlit.
   (WGS84 DATUM)

Charts affected - 2277 (INT 1163) - 2716 (INT 1164)
DENMARK - East Coast - Routeing measures. Buoyage.

Source: Danish Notices 20/328(P)-329(P)/20

1. In advance of extensive changes to IMO adopted routeing measures in the Kattegat coming into force at 0000 UTC 1 July 2020, the following buoyage has been established:

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

(WGS84 DATUM)

Charts affected - X 2107 (INT 1301) - X 2108 (INT 1302)

<table>
<thead>
<tr>
<th>Buoy Type</th>
<th>Characteristic</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>East cardinal</td>
<td>Q(3)10s</td>
<td>57° 04′·79N., 11° 36′·43E.</td>
</tr>
<tr>
<td>West cardinal</td>
<td>Q(9)15s</td>
<td>56° 32′·71N., 12° 00′·29E.</td>
</tr>
</tbody>
</table>

Source: Belgian Notices 8/149/20, 8/151/20, 8/157-158/20 and UKHO

1. Following the completion of the Norther Wind Farm, a safety zone, entry prohibited, has been established, joining the following positions:

\[
\begin{align*}
51^\circ 30\cdot69N., &\ 2^\circ 55\cdot74E. \\
51^\circ 29\cdot04N., &\ 2^\circ 58\cdot32E. \\
51^\circ 30\cdot51N., &\ 3^\circ 02\cdot68E. \\
51^\circ 30\cdot57N., &\ 3^\circ 02\cdot76E. \\
51^\circ 32\cdot66N., &\ 3^\circ 05\cdot56E. \\
51^\circ 33\cdot01N., &\ 3^\circ 04\cdot88E. \\
51^\circ 33\cdot05N., &\ 3^\circ 04\cdot81E. \\
51^\circ 33\cdot82N., &\ 3^\circ 03\cdot53E. \\
51^\circ 33\cdot83N., &\ 3^\circ 03\cdot51E. \\
51^\circ 34\cdot83N., &\ 3^\circ 01\cdot83E. \\
51^\circ 34\cdot65N., &\ 3^\circ 01\cdot29E. \\
51^\circ 33\cdot77N., &\ 3^\circ 01\cdot55E. \\
51^\circ 33\cdot62N., &\ 3^\circ 01\cdot48E. \\
51^\circ 33\cdot52N., &\ 3^\circ 01\cdot27E. \\
51^\circ 33\cdot36N., &\ 3^\circ 00\cdot79E. \\
51^\circ 33\cdot17N., &\ 3^\circ 00\cdot39E. \\
51^\circ 32\cdot92N., &\ 3^\circ 00\cdot02E. \\
51^\circ 32\cdot65N., &\ 2^\circ 59\cdot63E. \\
51^\circ 32\cdot39N., &\ 2^\circ 59\cdot18E. \\
51^\circ 32\cdot31N., &\ 2^\circ 59\cdot05E. \\
51^\circ 32\cdot30N., &\ 2^\circ 58\cdot48E. \\
51^\circ 31\cdot87N., &\ 2^\circ 58\cdot06E. \\
51^\circ 31\cdot15N., &\ 2^\circ 56\cdot48E. \\
51^\circ 30\cdot96N., &\ 2^\circ 55\cdot83E.
\end{align*}
\]

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

\[
\begin{align*}
51^\circ 40\cdot65N., &\ 2^\circ 46\cdot32E. \\
51^\circ 38\cdot60N., &\ 2^\circ 45\cdot14E. \\
51^\circ 38\cdot12N., &\ 2^\circ 46\cdot18E. \\
51^\circ 37\cdot80N., &\ 2^\circ 46\cdot61E. \\
51^\circ 36\cdot52N., &\ 2^\circ 47\cdot23E. \\
51^\circ 36\cdot10N., &\ 2^\circ 48\cdot45E. \\
51^\circ 35\cdot55N., &\ 2^\circ 49\cdot55E. \\
51^\circ 35\cdot05N., &\ 2^\circ 50\cdot90E. \\
51^\circ 34\cdot96N., &\ 2^\circ 51\cdot74E. \\
51^\circ 35\cdot00N., &\ 2^\circ 51\cdot98E. \\
51^\circ 34\cdot95N., &\ 2^\circ 52\cdot10E.
\end{align*}
\]

3. Within the Port of Zeebrugge lights have been established in the following positions:

\[
\begin{array}{ll}
\text{Characteristic} & \text{Position} \\
F.G & 51^\circ 21\cdot61N., 3^\circ 11\cdot25E. \\
F.R & 51^\circ 21\cdot56N., 3^\circ 12\cdot28E.
\end{array}
\]

4. Changes to the works area within Albert II-dok have taken place. The following light-buoys have been moved:

\[
\begin{array}{llll}
\text{Characteristic} & \text{Designation} & \text{Former Position} & \text{New Position} \\
F.G,5s & ZA3 & 51^\circ 20\cdot97N.,3^\circ 11\cdot25E. & 51^\circ 20\cdot85N.,3^\circ 11\cdot00E. \\
Q.G & ZA5 & 51^\circ 20\cdot87N.,3^\circ 11\cdot07E. & 51^\circ 20\cdot73N.,3^\circ 10\cdot76E.
\end{array}
\]

5. The port hand light-buoy $Q.G$ ZA5, in position, $51^\circ 20\cdot80N., 3^\circ 10\cdot91E.$, has been removed.

6. These changes will be included in New Editions of Charts 1872, 1874 and 2449 to be published mid 2020.
II


7. Charts 110, 1630 and 1406 will be updated by Notice to Mariners.
8. Former Notice 2578(P)/20 is cancelled.
   (WGS84 DATUM)

Charts affected - 110 (INT 1473) - 1630 (INT 1416) - 1872 - 1874 (INT 1474) - 2449 - 8012
3000(P)/20 NORTH SEA - Norwegian Sector - Works. Precautionary area.

Source: Norwegian Notice 09/61484(P)/20

1. Works involving the installation and burial of permanent reservoir monitoring (PRM) cables are taking place.

2. A works precautionary area has been established bounded by the following positions:

   - 58° 49´·34N., 2° 29´·24E.
   - 58° 51´·70N., 2° 38´·86E.
   - 58° 45´·71N., 2° 50´·35E.
   - 58° 40´·73N., 2° 33´·76E.

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

4. If required, charts will be updated when the works have been completed.
   (WGS84 DATUM)

Charts affected - 274 - 292 - 1405 (INT 1400) - 2182C (INT 1041)
II

3036(T)/20 NORTH SEA - Norwegian Sector - Well.

Source: Norwegian Notice 9/61490(T)/20

1. An abandoned well, which rises 3.5m above the seabed, exists in position 61°11´1N., 3°15´1E. (WGS84 DATUM)

Charts affected - 1427 (INT 1401) - 2182C (INT 1041) - 2182D (INT 1040)
BELGIUM - Works. Buoyage.

Source: Belgian Notice 10/186(T)/20

1. Works are in progress, until 31st October 2020, on the right bank between buoys 94 and 102. These works are marked by yellow light-buoys in the following positions:

   51° 16´·08N., 4° 18´·57E.
   51° 15´·90N., 4° 18´·34E.
   51° 15´·54N., 4° 18´·24E.
   51° 15´·45N., 4° 18´·38E.

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

Charts affected - 128 (INT 1478) - 8010
NORTH SEA - Netherlands Sector - Obstructions.

Source: Netherlands Notice 22-23/166(T)/20

1. Obstructions exist in the following positions:

53° 29´·43N., 4° 11´·72E.
53° 24´·53N., 4° 12´·82E.
53° 23´·59N., 4° 12´·06E.

(WGS84 DATUM)

Charts affected - 1408 - 1632 (INT 1420) - 1633 (INT 1417) - 2182A (INT 1043)
3085(T)/20 NETHERLANDS - Foul.

Source: Netherlands Notice 22-23/174(T)/20
1. A foul exists in position 53° 04' 88N., 4° 34' 29E. (WGS84 DATUM)

Chart affected - 126 (INT 1468)
1. Following the completion of the Northwestern 2 Wind Farm, a safety zone, entry prohibited, has been established, joining the following positions:

51° 41´·24N., 2° 42´·82E.
51° 42´·51N., 2° 45´·42E.
51° 42´·89N., 2° 47´·67E.
51° 38´·89N., 2° 45´·29E.
51° 39´·13N., 2° 44´·78E.

2. Wind turbines, Fl(3)Y.15x5M Horn, have been established in the following positions:

51° 41´·30N., 2° 43´·41E.
51° 41´·97N., 2° 44´·80E.
51° 42´·56N., 2° 46´·91E.
51° 41´·35N., 2° 46´·19E.
51° 39´·50N., 2° 45´·07E.
51° 40´·56N., 2° 44´·04E.

3. Charts 1630 and 8297 will be updated when full details are available.

4. These changes will be included in a New Edition of Chart 1234 to be published mid 2020.

5. Charts 1406 will be updated by Notice to Mariners.

6. Former Notice 3989(P)/19 is cancelled.
(WGS84 DATUM)

Charts affected - 1630 (INT 1416) - 2449 - 8297
1. In the eastbound shipping lanes of TSS Off Vlieland, (53° 18′·40N., 4° 34′·08E.) and TSS Terschelling - German Bight, (53° 51′·62N., 6° 51′·10E.), and in the area between the shipping lanes and the Wadden Isles, small sections of containers and remains of cargo exist on the seabed.
2. Survey and salvage operations may be taking place throughout this area.
3. Mariners are advised to navigate with caution in the area.
4. Former Notice 5564(T)/19 is cancelled.
5. NOTE: Content of Notice unchanged, re-issued to include Chart DE90 (WGS84 DATUM)

Charts affected - 1408 - 1457 (INT 1464) - 1632 (INT 1420) - 1633 (INT 1417) - DE 50 (INT 1045) - DE 87 (INT 1413) - DE 90 (INT 1461)
GERMANY - North Sea Coast - Less water.

Source: German Notice 47/90(T)/19

1. Less water has been reported within the 10·1 m dredged channel in the vicinity of position 53° 29’·13N., 06° 49’·86E.
2. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.
3. Former Notice 1046(T)/20 is cancelled.
4. NOTE: Content of Notice unchanged, re-issued to include Chart DE90.
   (WGS84 DATUM)

Charts affected - 8097 - DE 90 (INT 1461) - DE 91 (INT 1462)
3102(T)/20 NORTH SEA - Netherlands Sector - Measuring instruments. Buoyage.

Source: Netherlands HO

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

<table>
<thead>
<tr>
<th>Position</th>
<th>Largest Scale Chart(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>51° 54´·53N., 2° 43´·52E.</td>
<td>1630</td>
</tr>
<tr>
<td>51° 46´·14N., 2° 48´·56E.</td>
<td>1630</td>
</tr>
<tr>
<td>51° 47´·80N., 2° 56´·77E.</td>
<td>1630</td>
</tr>
<tr>
<td>51° 48´·54N., 3° 15´·31E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 51´·15N., 3° 09´·38E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 45´·62N., 3° 05´·88E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 45´·83N., 3° 05´·13E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 45´·45N., 3° 03´·24E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 44´·85N., 3° 03´·29E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 44´·89N., 3° 01´·72E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 44´·11N., 3° 00´·78E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 44´·59N., 2° 58´·20E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 42´·41N., 3° 02´·08E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 43´·20N., 3° 02´·78E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 43´·36N., 3° 03´·00E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 42´·68N., 0° 03´·33E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 42´·36N., 3° 04´·02E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 42´·30N., 3° 04´·90E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 47´·32N., 3° 06´·68E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 48´·37N., 3° 16´·69E.</td>
<td>110</td>
</tr>
<tr>
<td>51° 48´·46N., 3° 00´·81E.</td>
<td>110</td>
</tr>
<tr>
<td>55° 01´·41N., 3° 41´·11E.</td>
<td>266</td>
</tr>
<tr>
<td>54° 01´·09N., 5° 33´·01E.</td>
<td>1633</td>
</tr>
<tr>
<td>53° 44´·25N., 6° 37´·58E.</td>
<td>1633</td>
</tr>
<tr>
<td>53° 37´·26N., 6° 22´·12E.</td>
<td>*DE90</td>
</tr>
<tr>
<td>53° 37´·22N., 6° 31´·33E.</td>
<td>*DE90</td>
</tr>
<tr>
<td>53° 34´·22N., 6° 37´·95E.</td>
<td>*DE90</td>
</tr>
</tbody>
</table>

2. Mariners are advised to navigate with caution in these areas.

3. Former Notice 2226(T)/20 is cancelled.

*Indicates new or revised entry
(WGS84 DATUM)

Charts affected - 110 (INT 1473) - 266 - 1630 (INT 1416) - 1633 (INT 1417) - DE 90 (INT 1461)
1. Changes to depths have occurred within the Port of Constanta. The most significant are as follows:
2. A depth area, with a minimum depth of 13.4m, exists in an area bounded by the following positions:

44° 09´·28N., 28° 38´·59E.
44° 09´·27N., 28° 38´·73E.
44° 09´·39N., 28° 38´·69E.
44° 09´·40N., 28° 38´·61E.

3. A depth area, with a minimum depth of 13.3m, exists in an area bounded by the following positions:

44° 09´·05N., 28° 38´·60E.
44° 08´·93N., 28° 38´·65E.
44° 09´·09N., 28° 39´·31E.
44° 08´·99N., 28° 39´·34E.
44° 08´·93N., 28° 39´·39E.
44° 08´·96N., 28° 39´·54E.
44° 09´·02N., 28° 39´·57E.
44° 09´·06N., 28° 39´·64E.
44° 09´·19N., 28° 39´·66E.
44° 09´·22N., 28° 39´·62E.
44° 09´·21N., 28° 39´·43E.
44° 09´·26N., 28° 39´·37E.
44° 09´·23N., 28° 39´·27E.
44° 09´·20N., 28° 39´·28E.

4. A depth area, with a minimum depth of 18.9m, exists in an area bounded by the following positions:

44° 08´·70N., 28° 39´·92E.
44° 08´·64N., 28° 39´·97E.
44° 08´·67N., 28° 40´·08E.
44° 08´·73N., 28° 40´·15E.
44° 08´·75N., 28° 40´·11E.

5. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.
6. Chart 2284 will be updated when full details are available.
(WGS84 DATUM)

Chart affected - 2284
3069(P)/20 GREECE - Aegean Sea Coast - Light.

Source: Hellenic Navy Hydrographic Service

<table>
<thead>
<tr>
<th>Update</th>
<th>Feature</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete</td>
<td>Light</td>
<td>37° 56´·67N., 23° 36´·89E.</td>
</tr>
</tbody>
</table>

Chart affected - 8017
3080(T)/20 ANGOLA - Buoy.

Source: Angola LNG Ltd
1. The special light-buoy, Fl(5)Y 19s No 13, in position 6° 06´·819S., 12° 20´·307E., has been temporarily replaced with a North cardinal light-buoy, VQ.
2. Mariners are advised to navigate with caution in the area.
(WGS84 DATUM)

Chart affected - 659 (INT 2513)
3064(P)/20 QATAR - Maritime limits.

Source: Qatar Petroleum

1. 

**Update Feature**
Insert harbour limit, pecked line, joining:

Delete former harbour limit, pecked line, joining:

**Reference**

<table>
<thead>
<tr>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>25° 57´·91N., 51° 31´·00E.</td>
</tr>
<tr>
<td>25° 58´·00N., 51° 33´·50E.</td>
</tr>
<tr>
<td>(a) above</td>
</tr>
<tr>
<td>25° 56´·54N., 51° 31´·55E.</td>
</tr>
</tbody>
</table>

Chart affected - 8116
3077(P)/20  MALAYSIA - Peninsular Malaysia, West Coast - Anchorage area.

Source: Indonesian Notice 20/228/20

<table>
<thead>
<tr>
<th>Update</th>
<th>Feature</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete</td>
<td>limit of anchorage area, pecked line, joining:</td>
<td>0° 59’ 00N., 103° 35’ 16E.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1° 01’ 00N., 103° 34’ 75E.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1° 01’ 00N., 103° 37’ 75E.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0° 59’ 00N., 103° 36’ 71E.</td>
</tr>
</tbody>
</table>

Chart affected - 8284
3008(P)/20 TAIWAN - Works.

Source: UKHO

1. Wind farm construction works and cable laying operations are taking place within an area bounded by the following positions:

   - 24° 48´·00N., 120° 40´·00E.
   - 24° 48´·00N., 120° 51´·00E.
   - 24° 37´·00N., 120° 51´·00E.
   - 24° 37´·00N., 120° 40´·00E.

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

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

Charts affected - 1761 - 3231
3016(P)/20 CHINA - Bo Hai - Pilot boarding places.

Source: Chinese Notice 15/475/20

1. Charts affected - 8141 - 8145

<table>
<thead>
<tr>
<th>Update</th>
<th>Feature</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert</td>
<td>symbol, pilot boarding place, No 6</td>
<td>38° 40´·52N., 118° 28´·58E.</td>
</tr>
<tr>
<td>Move</td>
<td>symbol, pilot boarding place, No 5, from to</td>
<td>38° 30´·65N., 118° 12´·46E. to 38° 31´·37N., 118° 12´·83E.</td>
</tr>
</tbody>
</table>
3028(T)/20 VIETNAM - Works.

Source: VMS-South Notice 86/20

1. Quay extension works are taking place, in an area bounded by the following positions:

- 10° 31´·48N., 107° 01´·10E.
- 10° 31´·46N., 107° 01´·12E.
- 10° 31´·34N., 107° 01´·04E.
- 10° 31´·36N., 107° 01´·01E.

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

Charts affected - 1059 - 8259
### 3029(P)/20  CHINA - Yellow Sea Coast - Pilot boarding places.

Source: Chinese Notices 16/525-526/20 and 16/528/20

1. **Update**  
   **Feature**  
   **Position**  
   Insert symbol, pilot boarding place, No 9  
   34° 44´·13N., 119° 29´·72E.  
   symbol, pilot boarding place, No 1  
   34° 56´·60N., 119° 37´·14E.  
   symbol, pilot boarding place, No 5  
   34° 56´·66N., 119° 56´·77E.  
   symbol, pilot boarding place, No 1  
   34° 39´·00N., 119° 57´·00E.  
   symbol, pilot boarding place, No 2  
   34° 37´·20N., 119° 53´·94E.  
   symbol, pilot boarding place, No 3  
   34° 35´·00N., 119° 54´·00E.  

**Charts affected - 8167 - 8170**
CHINA - South Coast - Pilot boarding places.

Source: Chinese Chart 15511 and Chinese Notice 16/537/20

<table>
<thead>
<tr>
<th>Update</th>
<th>Feature</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Insert</td>
<td>symbol, Pilot Boarding Place, No 3</td>
<td>21° 53'·50N., 113° 11'·50E.</td>
</tr>
<tr>
<td>*</td>
<td>symbol, Pilot Boarding Place, No 4</td>
<td>21° 53'·50N., 113° 12'·80E.</td>
</tr>
<tr>
<td>Delete</td>
<td>symbol, Pilot Boarding Place, No 1 (Vessels of more than 6m draught)</td>
<td>21° 50'·50N., 113° 13'·40E.</td>
</tr>
<tr>
<td>*</td>
<td>symbol, Pilot Boarding Place, No 2 (Vessels of less than 6m draught)</td>
<td>21° 53'·50N., 113° 12'·50E.</td>
</tr>
<tr>
<td>*</td>
<td>symbol, Pilot Boarding Place</td>
<td>21° 53'·50N., 113° 13'·50E.</td>
</tr>
</tbody>
</table>

2. Former Notice 4505(P)/19 is cancelled
   * Indicates new or revised entry

Chart affected - 8114
3063(T)/20 CHINA - South Coast - Works.

Source: Hong Kong Notice 10/27/20

1. Marine site investigation works, including borehole drilling, are taking place within an area bounded by the following positions:

   22° 13´·757N., 114° 04´·728E.
   22° 11´·528N., 114° 03´·754E.
   22° 10´·924N., 114° 05´·347E.

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

Charts affected - 4121 - 4129
### CHINA - East Coast - Pilot boarding places.

Source: Chinese Notice 17/574/20

<table>
<thead>
<tr>
<th>Update</th>
<th>Feature</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert</td>
<td>pilot boarding place No 1</td>
<td>29° 42´·53N., 122° 16´·92E.</td>
</tr>
<tr>
<td></td>
<td>pilot boarding place No 2</td>
<td>29° 42´·43N., 122° 15´·50E.</td>
</tr>
<tr>
<td></td>
<td>pilot boarding place No 3</td>
<td>29° 41´·00N., 122° 22´·00E.</td>
</tr>
</tbody>
</table>

Chart affected - 8218
### CHINA - East Coast - Pilot boarding places.

Source: Chinese Notices 17/571-572/20

<table>
<thead>
<tr>
<th>Update</th>
<th>Feature</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert</td>
<td>symbol, pilot boarding place, No 1</td>
<td>30° 31′·20N., 122° 35′·17E.</td>
</tr>
<tr>
<td></td>
<td>symbol, pilot boarding place, No 2</td>
<td>30° 28′·72N., 122° 34′·57E.</td>
</tr>
<tr>
<td></td>
<td>symbol, pilot boarding place, No 3</td>
<td>30° 23′·33N., 122° 33′·60E.</td>
</tr>
<tr>
<td></td>
<td>symbol, pilot boarding place</td>
<td>30° 27′·47N., 122° 29′·20E.</td>
</tr>
</tbody>
</table>

Chart affected - 8216
### CHINA - Bo Hai - Obstructions. Wreck.

Source: Chinese Notices 18/598-599/20

1. **Update** | **Feature** | **Position**
--- | --- | ---
Insert | obstruction | $39^\circ 52'·68N., 119^\circ 38'·60E.$
| obstruction with drying height, $\bot$, *Obstn (Dries)* | $39^\circ 52'·68N., 119^\circ 38'·60E.$
| stranded wreck | $39^\circ 56'·92N., 119^\circ 50'·84E.$
Delete | obstruction | $39^\circ 57'·64N., 119^\circ 49'·72E.$
| | $39^\circ 58'·00N., 119^\circ 49'·92E.$

Chart affected - 8111
1. Rocket launch is due to take place between 13 and 28 June 2020.
2. Rocket debris is predicted to fall within an area bounded by the following positions:

   42° 28´·77N., 143° 26´·22E.
   42° 24´·87N., 143° 28´·20E.
   42° 22´·27N., 143° 38´·50E.
   41° 45´·00N., 144° 12´·00E.
   41° 45´·00N., 145° 00´·00E.
   42° 31´·50N., 145° 00´·00E.
   42° 31´·50N., 143° 36´·87E.
   42° 33´·20N., 143° 32´·93E.
   42° 32´·30N., 143° 29´·50E.

3. Mariners are advised to check navigational warnings, as the predicted impact area is determined by the weather conditions up to the day before launch.

   (WGS84 DATUM)

3046(P)/20  JAPAN - Honshū - Buoyage. Landmark.

Source: Japanese Notice 21/5254(P)/20

1. Yellow conical buoys, (Y Lt), have been established in the following positions:
   40° 10′·61N., 139° 58′·02E.
   40° 04′·75N., 139° 54′·50E.

2. A tower, (3Y Lts), has been established in position 40° 04′·45N., 139° 55′·42E.

3. Chart JP1195 will be updated by Notice to Mariners.
   (WGS84 DATUM)

**Chart affected - JP 1195**
3047(T)/20 JAPAN - Honshū - Works.

Source: Japanese Notice 21/5255(T)/20

1. Breakwater construction works are taking place, until 31 December 2020, within an area bounded by the following positions:

   38° 23´ 42·4"N., 141° 17´ 30·6"E.
   38° 23´ 41·4"N., 141° 17´ 19·3"E.
   38° 23´ 26·5"N., 141° 17´ 21·1"E.
   38° 23´ 29·5"N., 141° 17´ 32·6"E.

(WGS84 DATUM)

Chart affected - JP 1100
3048(T)/20 JAPAN - Honshū - Works.

Source: Japanese Notice 21/5256(T)/20

1. Dredging works are taking place, until 8 July 2020, within an area bounded by the following positions:

(WGS84 DATUM)

Chart affected - JP 1088
1. Dolphins and their associated lights have been replaced by submerged piles, marked by buoyage, in the following positions:

35° 37’ 16·0"N., 139° 48’ 35·0"E.
35° 37’ 11·2"N., 139° 48’ 46·2"E.

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

Chart affected - JP 1065
3050(T)/20  JAPAN - Seto Naikai - Works.

Source: Japanese Notice 21/5258(T)/20

1. Pier construction works are taking place, until 25 July 2020, within an area bounded by the following positions:

- 34° 41’ 17-1”N., 135° 14’ 16-9”E.
- 34° 41’ 22-3”N., 135° 14’ 35-0”E.
- 34° 41’ 05-3”N., 135° 14’ 35-2”E.
- 34° 41’ 01-9”N., 135° 14’ 23-2”E.

(WGS84 DATUM)

Chart affected - JP 101A
3051(T)/20     JAPAN - Seto Naikai - Works.

Source: Japanese Notice 21/5259(T)/20

1. Magnetic survey and dredging works are taking place, until 30 October 2020, within areas bounded by the following positions:

   33° 56´ 13·1"N., 130° 52´ 45·9"E.
   33° 56´ 17·9"N., 130° 52´ 41·3"E.
   33° 56´ 12·3"N., 130° 52´ 33·1"E.
   33° 56´ 07·5"N., 130° 52´ 37·8"E.
   33° 56´ 04·2"N., 130° 52´ 34·0"E.
   33° 56´ 00·9"N., 130° 52´ 37·2"E.
   33° 56´ 06·8"N., 130° 52´ 46·0"E.
   33° 56´ 10·1"N., 130° 52´ 42·8"E.

and

   33° 55´ 56·4"N., 130° 52´ 54·1"E.
   33° 55´ 59·2"N., 130° 52´ 51·4"E.
   33° 55´ 57·2"N., 130° 52´ 48·3"E.
   33° 55´ 54·4"N., 130° 52´ 51·0"E.

and

   33° 55´ 45·4"N., 130° 52´ 58·8"E.
   33° 55´ 50·7"N., 130° 52´ 53·6"E.
   33° 55´ 46·8"N., 130° 52´ 47·9"E.
   33° 55´ 41·5"N., 130° 52´ 53·0"E.

(WGS84 DATUM)

2982(P)/20  KOREA - South Coast - Radio reporting line.

Source: Korean Notice 13/180/20

1. The semi-circular radio reporting line, inbound only, radius 10M, centred on position 34° 35’ 00N., 128° 00’ 00E., has been removed.

2. These changes will be included in a New Edition of Chart 3391 to be published mid 2020.

3. Chart 127 will be updated by Notice to Mariners.
   (WGS84 DATUM)

Chart affected - 3391 (INT 5360)
3006(P)/20  KOREA - South Coast - Quarantine anchorage.

Source: Korean Notice 18/250/20

1. A quarantine anchorage has been established in an area bounded by the following positions:

35° 00´·88N., 128° 52´·35E.
35° 01´·22N., 128° 54´·36E.
35° 00´·63N., 128° 55´·12E.
35° 00´·32N., 128° 55´·20E.
34° 59´·64N., 128° 51´·46E.
35° 00´·17N., 128° 51´·31E.
35° 00´·37N., 128° 52´·48E.

2. Please consult the local port authority for the latest information.

(WGS84 DATUM)

Charts affected - 127 - 1065
1. An ODAS light-buoy, Fl(5)Y.20s, has been established in position 35° 19' 68N., 129° 20' 54E. (WGS84 DATUM)

Charts affected - 127 - 896 (INT 5355) - 3666 (INT 5251)
Yellow conical ODAS buoyage has been established in the following positions:

35° 04′·97N., 129° 07′·03E.
35° 01′·45N., 128° 47′·32E.
34° 58′·93N., 128° 54′·75E.
34° 56′·98N., 128° 46′·02E.
34° 48′·80N., 128° 44′·00E.
35° 03′·02N., 128° 39′·60E.

(WGS84 DATUM)

Charts affected - 127 - 1065 - 1259
1. A JAYABAYA System Communication submarine cable has been laid, joining the following positions:
   BMH Tanjung Pakis – BMH Cirebon (Segment 1)
   5° 58’·38S., 107° 07’·52E.
   5° 40’·77S., 107° 09’·54E.
   5° 40’·65S., 108° 30’·95E.
   5° 43’·08S., 108° 38’·82E.
   6° 10’·56S., 108° 55’·77E.
   6° 21’·91S., 108° 56’·13E.
   6° 31’·16S., 108° 52’·41E.
   6° 35’·37S., 108° 32’·61E.

   BMH Cirebon – BMH Kendal (Segment 2)
   6° 35’·45S., 108° 32’·62E.
   6° 34’·50S., 108° 44’·65E.
   6° 32’·29S., 108° 50’·03E.
   6° 33’·46S., 108° 51’·38E.
   6° 31’·82S., 108° 59’·01E.
   6° 34’·05S., 109° 25’·82E.
   6° 39’·70S., 109° 54’·37E.
   6° 44’·22S., 110° 01’·62E.
   6° 51’·74S., 110° 04’·10E.
   6° 54’·14S., 110° 03’·87E.

   BMH Kendal – BMH Banyu Urip (Segment 3)
   6° 54’·14S., 110° 03’·87E.
   6° 38’·08S., 110° 08’·52E.
   6° 24’·60S., 110° 36’·49E.
   6° 24’·67S., 110° 39’·98E.
   6° 20’·17S., 110° 46’·27E.
   6° 13’·39S., 111° 05’·35E.
   6° 24’·95S., 112° 16’·29E.
   6° 27’·17S., 112° 21’·07E.
   6° 44’·99S., 112° 29’·89E.
   6° 54’·31S., 112° 30’·08E.

2. These changes will be included in New Editions of Charts 2797, 3730, 1066 and 2470 to be published mid 2020. Charts 3731, 2796 and 3729 will be updated by Notice to Mariners.
(WGS84 DATUM)

Charts affected - 1066 - 2470 - 2797 - 3730
1. The lateral light-buoy, Fl.G.3s No 7, in position 1° 22′·42N., 172° 56′·03E., has been temporarily removed for repair.
2. Mariners are advised to navigate with caution in the area.

(WGS84 DATUM)

Chart affected - 729
An area bounded by the following positions is dangerous to navigation:

1° 39´·00S., 43° 43´·00W.
1° 43´·00S., 43° 45´·50W.
1° 45´·00S., 43° 42´·00W.
1° 41´·00S., 43° 39´·50W.

A vessel has run aground in position 1° 45´·70S., 43° 41´·75W.
Mariners are advised to navigate with caution in the area.

Charts affected - 520 - 528 - 543 - 3958
3079(T)/20       BRAZIL - East Coast - Buoy.

Source: Brazilian Notice 9/57(P)/20

1. An ODAS light-buoy, Fl(5)Y.20s, has been established in position 12° 59´·36S., 38° 32´·51W. (WGS84 DATUM)

Charts affected - 540 - 545
1. Shoaling is reported in the vicinity of Baía de Macapá as follows:
   a) Least depth 1.8m within an area bounded by the following positions:
      0° 06´·58N., 50° 53´·14W.
      0° 07´·02N., 50° 51´·68W.
      0° 07´·40N., 50° 51´·81W.
      0° 07´·28N., 50° 52´·59W.
      0° 06´·98N., 50° 53´·58W.
      0° 06´·71N., 50° 54´·10W.
      0° 05´·11N., 50° 55´·33W.
      0° 04´·92N., 50° 54´·92W.
      0° 06´·04N., 50° 53´·98W.
   b) Least depth 6.4m within an area bounded by the following positions:
      0° 05´·36N., 50° 57´·62W.
      0° 04´·78N., 50° 57´·87W.
      0° 04´·69N., 50° 57´·74W.
      0° 06´·55N., 50° 55´·76W.
      0° 06´·67N., 50° 55´·87W.
      0° 06´·01N., 50° 57´·03W.
   c) Least depth 4.4m within an area bounded by the following positions:
      0° 00´·34S., 50° 57´·74W.
      0° 01´·43N., 50° 56´·43W.
      0° 04´·39N., 50° 55´·47W.
      0° 04´·59N., 50° 55´·89W.
      0° 02´·40N., 50° 57´·69W.
      0° 00´·34N., 50° 59´·05W.
   d) Least depth 8.7m within an area bounded by the following positions:
      0° 00´·83S., 51° 00´·31W.
      0° 03´·15S., 51° 01´·61W.
      0° 03´·28S., 51° 01´·49W.
      0° 03´·09S., 51° 00´·72W.
      0° 02´·80S., 51° 00´·30W.
      0° 02´·25S., 51° 00´·10W.
      0° 00´·83S., 51° 00´·16W.

2. Mariners are advised to navigate with caution in the area.
3. Chart 2189 will be updated when full details are available.
4. Former Notice 5946(P)/19 is cancelled.
   (WGS84 DATUM)

Chart affected - 2189
1. The lateral light-buoy, *Iso.G.4S S2*, in position 6° 03′·21N., 55° 12′·85W. is reported to be damaged and unlit.
2. Mariners are advised to navigate with caution in the area.
   (WGS84 DATUM)

**Chart affected - 2765**
3019(T)/20  SURINAME - Buoy.

Source: Surinamese Notice 64(T)/20

1. The lateral light-buoy, *I.o.R 4s RI*, in position 5° 54’·18N., 55° 07’·03W. is reported off station.
2. Mariners are advised to navigate with caution in the area.
   (WGS84 DATUM)

Chart affected - 2765
1. The Bajo Meneven isolated danger light-buoy, Fl.6s, in position 11° 42’·175N., 70° 13’·775W. is reported to be off station.
2. Mariners are advised to navigate with caution in the area.

(SIRGAS DATUM)

Chart affected - 2190