Admiralty Leisure Folio
SC5613 Irish Sea - Eastern Part

L3797/15 WALES — West Coast — Caernarfon Bay — Depths.
Source: mv Seabeam

Chart: SC5613-23 WGS84 DATUM
Insert depth, 14s, and extend 20m contour to NW to enclose 53° 10’·2N., 4° 35’·2W.

L3881/15 ENGLAND — West Coast — Walney Wind Farm — Buoyage.
Source: Trinity House

Chart: SC5613-14 ETRS89 DATUM
Delete Q(9)15s 54° 06’·23N., 3° 39’·73W.
Delete VQ 54° 04’·92N., 3° 32’·15W.
Delete VQ(9)10s 54° 03’·68N., 3° 39’·68W.
54° 02’·23N., 3° 34’·12W.

Temporary/Preliminary NMs
Source: Trinity House and Tom Watson

1. The construction of the West of Duddon Sands Wind Farm has been completed. There are submarine power cables connecting each turbine to the next and then to the shore near Heysham.
2. The turbines display permanent aids to navigation as follows:

<table>
<thead>
<tr>
<th>Designation</th>
<th>Characteristic</th>
<th>Fog Signal</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>A03</td>
<td>ELY.2·5s2M</td>
<td></td>
<td>53° 59’·36N., 3° 32’·44W.</td>
</tr>
<tr>
<td>A06</td>
<td>ELY.5s5M</td>
<td></td>
<td>53° 58’·51N., 3° 31’·40W.</td>
</tr>
<tr>
<td>A09</td>
<td>ELY.2·5s2M</td>
<td></td>
<td>53° 57’·65N., 3° 30’·36W.</td>
</tr>
<tr>
<td>A12</td>
<td>ELY.5s5M</td>
<td>Horn 30s</td>
<td>53° 56’·77N., 3° 29’·28W.</td>
</tr>
<tr>
<td>E14</td>
<td>ELY.5s5M</td>
<td></td>
<td>53° 56’·71N., 3° 25’·82W.</td>
</tr>
<tr>
<td>E14</td>
<td>ELY.5s5M</td>
<td></td>
<td>53° 56’·85N., 3° 25’·19W.</td>
</tr>
<tr>
<td>H13</td>
<td>ELY.2·5s2M</td>
<td></td>
<td>53° 57’·45N., 3° 24’·28W.</td>
</tr>
<tr>
<td>H12</td>
<td>ELY.5s5M</td>
<td>Horn 30s</td>
<td>53° 58’·05N., 3° 23’·37W.</td>
</tr>
<tr>
<td>K02</td>
<td>ELY.5s5M</td>
<td></td>
<td>54° 01’·15N., 3° 26’·07W.</td>
</tr>
<tr>
<td>K06</td>
<td>ELY.5s5M</td>
<td></td>
<td>53° 50’·90N., 3° 24’·76W.</td>
</tr>
</tbody>
</table>
3. The following light buoys around the wind farm have been removed:

<table>
<thead>
<tr>
<th>Designation</th>
<th>Characteristic</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duddon Sands NW</td>
<td>Q(9)15s</td>
<td>54° 00' 70N., 3° 31' 47W.</td>
</tr>
<tr>
<td>Duddon Sands W</td>
<td>VQ(9)10s</td>
<td>54° 00' 15N., 3° 33' 98W.</td>
</tr>
<tr>
<td>Duddon Sands WSW</td>
<td>Q(9)15s</td>
<td>53° 58' 31N., 3° 31' 70W.</td>
</tr>
<tr>
<td>Duddon Sands SE</td>
<td>VQ(6)+LFl.10s</td>
<td>53° 57' 59N., 3° 22' 82W.</td>
</tr>
</tbody>
</table>

4. These changes will be included in New Editions of Charts 1320, 1826 and 2010 to be published in late 2015. (ETRS89 Datum)

Charts affected—SC5613
Chart: SC5613·8 (panel A, River Ribble) ETRS89 DATUM
Replace symbol, distance mark (11 miles), with Fl.G.5s (11 miles) 53° 43' ·38N., 3° 00' ·68W.
* Fl.G.5s (10 miles), with symbol, distance mark (10 miles) 53° 43' ·60N., 2° 59' ·30W.

Chart: SC5613·9 ETRS89 DATUM
Replace symbol, distance mark (11 miles), with Fl.G.5s (11 miles) 53° 43' ·38N., 3° 00' ·68W.
* Fl.G.5s (10 miles), with symbol, distance mark (10 miles) 53° 43' ·60N., 2° 59' ·30W.

Source: Lancaster Port Commission Notice 9/15
Chart: SC5613·12 (panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Insert Fl(2)G.6s E5 53° 59' ·01N., 2° 52' ·43W.
Insert Fl.G.4s No 7 53° 59' ·54N., 2° 52' ·34W.
Delete Fl.G.5s No 7 53° 59' ·47N., 2° 52' ·36W.

L4567/15 ENGLAND — West Coast — River Lune — Buoy.
Source: Lancaster Port Commission Notice 10/15
Chart: SC5613·11 (panel A, Approaches to Fleetwood) ETRS89 DATUM
Move Fl(3)G.10s No 3, from: 53° 58' ·35N., 2° 57' ·90W.
to: 53° 58' ·65N., 2° 57' ·79W.

Chart: SC5613·12 (panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Move Fl(3)G.10s No 3, from: 53° 58' ·35N., 2° 57' ·90W.
to: 53° 58' ·65N., 2° 57' ·79W.

L4946/15 WALES — North Coast — River Dee — Depths.
Source: Port of Mostyn Harbour Master
Chart: SC5613·3 ETRS89 DATUM
Insert drying height, $h$, and extend 0m low water line SW to enclose 53° 21' ·63N., 3° 17' ·19W.
NOTICES TO MARINERS - WEEKLY EDITION 43/2015 INTERNATIONAL CHART SERIES, ENGLAND - WEST COAST, PORT OF LIVERPOOL.
— CHART 3490 — NEW EDITION ANNOUNCEMENT.

CHARTS SC5613-5 AND SC5613-6 WGS84 DATUM

The following changes were published in the new edition of chart 3490, which is the source chart for the above folio sheets:

Includes significant safety-related information as follows: changes to depths around Pluckington Bank from the latest Mersey Docks and Harbour Company survey. Mariners should therefore navigate with caution on sheets SC5613-5 and SC5613-6 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.

L5702/15 ENGLAND — WEST COAST — APPROACHES TO SILLOTH — RADIO REPORTING POINTS.
Source: ABP Silloth Notice 4/15

Chart: SC5613-2 ETRS89 DATUM
Insert \( \bigcirc \), direction of vessel movement 023° 54° 42'·20N., 3° 34'·00W.

Chart: SC5613-15 ETRS89 DATUM
Insert \( \bigcirc \), direction of vessel movement 023°  
(a) 54° 42'·20N., 3° 34'·00W.
legend, (see Note), close W of: (a) above
Delete \( \bigcirc \), direction of vessel movement 360°, and associated legend, (see Note) 54° 46'·00N., 3° 30'·76W.

Chart: SC5613-17 ETRS89 DATUM
Insert \( \bigcirc \), direction of vessel movement 023° (a) 54° 42'·20N., 3° 34'·00W.
legend, (see Note), close W of: (a) above

NOTICES TO MARINERS - WEEKLY EDITION 49/2015 IRISH SEA, FLEETWOOD TO DOUGLAS.
— CHART 1320 — NEW EDITION ANNOUNCEMENT.
Chart SC5613·14 and SC5613·21 WGS84 DATUM

The following changes were published in the new edition of chart 1320, which is the source chart for the above folio sheet:

*Includes the completed 'West of Duddon Sands' Wind Farm and changes to depths and buoyage. Mariners should therefore navigate with caution on sheets SC5613·14 and SC5613·21 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.*

These changes will be included in the next new edition of SC5613.

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Chart SC5613·10 WGS84 DATUM

The following changes were published in the new edition of chart 2010, which is the source chart for the above folio sheet:

*Includes the completed 'West of Duddon Sands' Wind Farm. Mariners should therefore navigate with caution on sheet SC5613·10 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.*

These changes will be included in the next new edition of SC5613.

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Chart SC5613·1 and SC5613·2 WGS84 DATUM

The following changes were published in the new edition of chart 1826, which is the source chart for the above folio sheet:

*Includes significant safety-related information as follows: Completed 'West of Duddon Sand' and 'Gwynt-y-Mor' Wind Farms and changes to depths and buoyage. Mariners should therefore navigate with caution on sheets SC5613·1 and SC5613·2 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.*

These changes will be included in the next new edition of SC5613.
Source: Peel Ports

Chart: SC5613-6 ETRS89 DATUM
Insert $F(2)Y.5s$ 53° 20’-680N., 2° 57’-850W.
Delete $F.G$

pontoon, single firm line, joining: (a) above (b) above

L6339/15 ENGLAND — West Coast — Fleetwood — Depths.
Source: Associated British Ports

Chart: SC5613-11 (panel A, Approaches to Fleetwood) ETRS89 DATUM
Insert depth, $0_e$, enclosed by 2m contour 53° 57’-52N., 3° 01’-68W.

drying height, $0_e$, enclosed by 0m low water line (a) 53° 57’-43N., 3° 01’-66W.

drying height, $0_e$, enclosed by 0m low water line (b) 53° 56’-72N., 3° 01’-35W.

Delete depth, $2_e$, close N of: (a) above

depth, $1_e$, close S of: (b) above


Chart SC5613-3 WGS84 DATUM
The following changes were published in the new edition of chart 1978, which is the source chart for the above folio sheet:

Includes the completed ‘Gwynt-y-Môr’ Wind Farm and general updating throughout. Mariners should therefore navigate with caution on sheet SC5613-3 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.

L6622/15 ENGLAND — West Coast — Liverpool Bay — Light.
Source: RWE NPOWER PLC

Note: This update is included in New Edition 1978, published 17th December 2015 and New Edition
1826, published 10th December 2015.

Chart: SC5613-23 WGS84 DATUM
Amend light to, Fl.Y.5s18m5M Mast(82) 53° 28' ·7N. , 3° 30' ·5W.

L319/16  IRELAND — East Coast — Lambay Deep E — Data collection buoy.
Source: Marine Institute

Chart: SC5613-23 WGS84 DATUM
Amend designation of buoy to, ODAS M2 53° 28' ·7N. , 5° 25' ·4W.

L394/16  ISLE OF MAN — Ballacash Bank — Buoy.
Source: Northern Lighthouse Board Notice 22/15

Chart: SC5613-2 ETRS89 DATUM
Insert symbol, wind turbine, AeroF.R Fl.Y.5s10s 54° 26' ·50N. , 4° 16' ·70W.

Chart: SC5613-21 (panel A, Isle of Man East Coast) ETRS89 DATUM
Insert symbol, wind turbine, AeroF.R Fl.Y.5s10s 54° 26' ·50N. , 4° 16' ·70W.

Chart: SC5613-23 WGS84 DATUM
Insert symbol, wind turbine, AeroF.R Fl.Y.5s10s 54° 26' ·5N. , 4° 16' ·6W.

L1199/16  ENGLAND — North West Coast — Robin Rigg Wind Farm —
Source: Robin Rigg Offshore Windfarm

Chart: SC5613-15 ETRS89 DATUM
Insert symbol, wind turbine, AeroF.R Fl.Y.5s5M 54° 46' ·20N. , 3° 41' ·60W.
Replace symbol, wind turbine, AeroF.R Fl.Y.5s5M, with Obstr 54° 46' ·29N. , 3° 42' ·03W.

Chart: SC5613-17 ETRS89 DATUM
Insert symbol, wind turbine, AeroF.R Fl.Y.5s5M 54° 46' ·20N. , 3° 41' ·60W.
Replace symbol, wind turbine, AeroF.R Fl.Y.5s5M, with Obstr 54° 46' ·29N. , 3° 42' ·03W.

Chart SC5613-2 WGS84 DATUM
The following changes were published in the new edition of chart 1411, which is the source chart for the above folio sheet:

Includes changes to depths from the latest British and Irish Government surveys. Mariners should therefore navigate with caution on sheet SC5613-2 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.


Charts SC5613-11 and SC5613-12 WGS84 DATUM
The following changes were published in the new edition of chart 1552, which is the source chart for the above folio sheets:

Includes changes to depths from the latest Associated British Ports, Peel Ports and Commercial surveys. Mariners should therefore navigate with caution on sheets SC5613-11 and SC5613-12 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.

L1621/16 SCOTLAND — South West Coast — Luce Bay — Wrecks.
Source: UKHO

Chart: SC5613-2 ETRS89 DATUM
Insert 🌗Wk 54° 45'·91N., 4° 48'·89W.

Chart: SC5613-19 (panel A, Wigtown Bay to Luce Bay) ETRS89 DATUM
Insert 🌗Wk 54° 45'·91N., 4° 48'·89W.

Chart: SC5613-23 WGS84 DATUM
Insert 🌗Wk (a) 54° 45'·9N., 4° 48'·9W.
Work has now commenced on the extension to Burbo Wind Farm. The main wind farm array work will be marked by seven buoys as follows:

<table>
<thead>
<tr>
<th>Buoy Type</th>
<th>Designation</th>
<th>Character</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Cardinal</td>
<td>NM1</td>
<td>Q</td>
<td>53° 30' ·32N., 3° 22' ·76W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM2</td>
<td>Fl.Y.2·5s</td>
<td>53° 30' ·36N., 3° 18' ·25W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM3</td>
<td>Fl.Y.5s</td>
<td>53° 30' ·38N., 3° 14' ·07W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>NM4</td>
<td>Q(6)+LFl.15s</td>
<td>53° 27' ·62N., 3° 14' ·50W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM5</td>
<td>Fl.Y.2·5s</td>
<td>53° 27' ·61N., 3° 15' ·15W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>NM6</td>
<td>VQ(6)+LFl.10s</td>
<td>53° 27' ·60N., 3° 18' ·77W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM7</td>
<td>Fl.Y.2·5s</td>
<td>53° 28' ·97N., 3° 21' ·00W.</td>
</tr>
</tbody>
</table>

All vessels should navigate with caution in the area. A safety zone of 50 metres becomes operational around each turbine as it is being installed, with a safety zone of 500 metres around the installation vessel. Cable laying to shore will also be conducted.

Two yellow spherical wave recorder light buoys, Fl(5)Y.20s, have been deployed in the following positions:

53° 30' ·11N., 3° 21' ·69W.
53° 29' ·10N., 3° 15' ·53W.

Charts will be updated when full details are available.

For latest information see Dong Energy Notice to Mariners. (ETRS89 Datum)

Charts affected — SC5613
L3189/16 ENGLAND — West Coast — Liverpool Bay — Depths.
Source: Lafarge Tarmac Marine Ltd.

Chart: SC5613·3 ETRS89 DATUM

Insert depth, 10, (a) 53° 26'·82N. , 3° 24'·74W.
Delete depth, 12, close SE of: (a) above

L3550/16 ENGLAND — West Coast — Heysham — Depths. Drying height.
Source: Peel Ports Group Ltd.

Chart: SC5613·12 (panel A, Approaches to Glasson and Heysham) ETRS89 DATUM

Insert depth, 4 (a) 54° 01'·972N. , 2° 55'·666W.
depth, 2, enclosed by 2m contour 54° 01'·931N. , 2° 55'·853W.
drying height, 2b, enclosed by 0m low water line (b) 54° 01'·883N. , 2° 55'·887W.
Delete depth, 4b, close NW of: (a) above
depth, 2b, close S of: (b) above

Notices to Mariners - Weekly Edition 28/2016 International Chart Series,
England - West Coast, Approaches to Liverpool.

Chart SC5613·4 WGS84 DATUM
The following changes were published in the new edition of chart 1951, which is the source chart for the above folio sheet:
Includes the new Liverpool 2 development and depths from the latest Mersey Docks and Harbour Company Surveys. Mariners should therefore navigate with caution on sheet SC5613·4 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.
These changes will be included in the next new edition of SC5613.


Chart SC5613·3 WGS84 DATUM
The following changes were published in the new edition of chart 1978, which is the source chart for the above folio sheet:

*Includes significant safety-related information as follows: Burbo Bank Wind Farm extension, associated buoyage and submarine power cables. Mariners should therefore navigate with caution on sheet SC5613-3 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.*

These changes will be included in the next new edition of SC5613.

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**Charts SC5613-5 and SC5613-6 WGS84 DATUM**

The following changes were published in the new edition of chart 3490, which is the source chart for the above folio sheets:

*Includes the new Liverpool 2 development and depths from the latest Mersey Docks and Harbour Company Surveys. Mariners should therefore navigate with caution on sheets SC5613-5 and SC5613-6 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.*

These changes will be included in the next new edition of SC5613.

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**L3755/16 ENGLAND — West Coast — Liverpool Bay — Rhyl NE — Burbo Wind Farm W — Submarine power cable. Legends. Buoyage. Wind farm. Note.**

Source: UKHO

**Chart: SC5613-1 ETRS89 DATUM**

Insert limit of wind farm, pecked line, joining:

(a) 53° 28' 45N., 3° 11' 14W.
   (existing wind farm limit)
(b) 53° 27' 62N., 3° 11' 59W.
(c) 53° 27' 60N., 3° 18' 77W.
(d) 53° 30' 32N., 3° 22' 76W.
(e) 53° 30' 38N., 3° 14' 07W.
(f) 53° 30' 14N., 3° 13' 17W.
   (existing wind farm limit)

Legend, Burbo Bank Wind Farm Extension Under Construction (2016-2017), within:

(a)-(f) above

submarine power cable, ~~~ $ ~~~, joining:

(g) 53° 27' 78N., 3° 19' 06W.
   (wind farm limit)
L4072/16 WALES — North Coast — Liverpool Bay — Buoy.
Source: Trinity House

Chart: SC5613-1 ETRS89 DATUM
Delete ⬇️ VQ North Constable
  ⬆️ 53° 23'·72N., 3° 41'·41W.

L4102/16 WALES — North Coast — Rhyl Flats Wind Farm — Buoyage.
Source: Trinity House

Chart: SC5613-3 ETRS89 DATUM
Delete ⬆️ Q RFWF1
     ⬇️ Fl.G.2·5s RFWF2
  53° 23'·76N., 3° 39'·10W.

L4261/16 ENGLAND — West Coast — Approaches to Barrow Harbour —
Lightning Knoll E — Buoy.
Source: ABP Barrow Notice 37/16

Chart: SC5613-10 ETRS89 DATUM
Amend SEA 3 light-buoy to, Fl.G.2·5s
  54° 00'·56N., 3° 12'·91W.

L4832/16 ENGLAND — West Coast — Eastham Sands — Obstructions.
Dolphins.
Source: Peel Ports

Chart: SC5613-6 ETRS89 DATUM
Insert  ☞ Obstn, drying height 5,
  53° 19'·02N., 2° 56'·949W.
Replace  ☐ , with  ☞ Obstn, drying height 3
  53° 19'·582N., 2° 57'·000W.
    ☐ , with  ☞ Obstn, drying height 4,
  53° 19'·546N., 2° 56'·972W.
L4897/16 ENGLAND — West Coast — Glasson — Buoy.
Source: Lancaster Port Commission Notice 26/16

Chart: SC5613-12 (panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Move________________________Fl.R.5s No 18, from: 54° 00'·17N., 2° 51'·15W.
to: 54° 00'·14N., 2° 51'·13W.

L4982/16 WALES — North Coast — Inner Passage — Buoyage.
Source: Port of Mostyn Notice 26/16

Chart: SC5613-3 ETRS89 DATUM
Replace_______________________Q.G Prestatyn, with Q Prestatyn 53° 21'·37N., 3° 29'·00W.

L5023/16 ENGLAND — West Coast — Eastham Locks — NM Block. Light.
Source: Peel Ports Notice 30/16

Chart: SC5613-6 ETRS89 DATUM
Insert________________________ the accompanying block, centred on: 53° 19'·696N., 2° 57'·162W.
Source: Peel Ports Notice 31/16

Chart: SC5613·5 ETRS89 DATUM
Insert ★ 3F.R (a) 53° 24’·314N. , 2° 59’·923W.

fog signal, Horn(3+3)15s, at light (a) above

Delete symbol, fog signal, Horn(3+3)15s, close SW of: (a) above

L5456/16 ENGLAND — West Coast — River Mersey — Light.
Source: Peel Ports Notice 27/16

Chart: SC5613·5 ETRS89 DATUM
Amend light to, 2F.G & F.Y Bell(4)15s 53° 23’·762N. , 3° 00’·488W.

Source: Peel Ports Notice 36/16
**Chart: SC5613-5 ETRS89 DATUM**

Delete

- F.RW.5m and associated sectors
  53° 24'·098N., 3° 00'·774W.
- Fl(2)G.6s
  53° 22'·975N., 3° 00'·308W.

**Chart: SC5613-6 ETRS89 DATUM**

Move

- Fl.R.3s E2, from:
  53° 21'·337N., 2° 57'·930W.
  to:
  53° 21'·36N., 2° 57'·84W.
- Fl.R.3s E4, from:
  53° 20'·847N., 2° 57'·738W.
  to:
  53° 20'·86N., 2° 57'·64W.

Delete

- Fl(2)G.6s
  53° 22'·975N., 3° 00'·308W.

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**L5966/16 ENGLAND — West Coast — Liverpool Bay, Irish Sea E and Approaches to Belfast Lough — Submarine power cable.**

Source: AWJ Marine

*Note:* Charts 1320, 1753, 1826 and 1981 are to be deleted from the list of charts affected by Notice 2080(P)/14.

**Chart: SC5613-1 ETRS89 DATUM**

Insert *submarine power cable, ~~~ § ~~~*, joining:

- 53° 31'·59N., 3° 33'·61W.
  (existing cable)
- 53° 31'·50N., 3° 35'·30W.
- 53° 35'·70N., 3° 39'·71W.
- 53° 36'·70N., 3° 43'·67W.
- 53° 40'·91N., 3° 48'·43W.
- 53° 46'·53N., 3° 48'·91W.
- 53° 49'·21N., 3° 56'·58W.
- 53° 50'·30N., 4° 04'·42W.
  (W border)

**Chart: SC5613-7 ETRS89 DATUM**

Insert *submarine power cable, ~~~ § ~~~*, joining:

- 53° 31'·02N., 3° 24'·13W
  (S border)
- 53° 31'·29N., 3° 24'·30W.
- 53° 32'·15N., 3° 29'·64W.
L6088/16 IRELAND — East Coast — Portavogie — Automatic Identification System.
Source: UKHO

Chart: SC5613-23 WGS84 DATUM
Delete symbol, Automatic Identification System, AIS

54° 27'·3N., 5° 26'·4W.

L6637/16 ENGLAND — West Coast — River Mersey — Liverpool Landing Stage — Fog signal.
Source: Peel Ports Notice 46/16

Chart: SC5613-5 ETRS89 DATUM
Insert fog signal, Horn(1)10s, at light

53° 24'·280N., 2° 59'·910W.

L253/17 WALES — North Coast — Liverpool Bay — Obstruction.
Source: CEMEX UK Marine Ltd

Chart: SC5613-1 ETRS89 DATUM
Insert Obstn

53° 26'·94N., 3° 24'·69W.

Chart: SC5613-3 ETRS89 DATUM
Insert Obstn

53° 26'·94N., 3° 24'·69W.

Source: Peel Ports Notice 48/16

Chart: SC5613-4 (Panel B, Crosby Channel to River Mersey) ETRS89 DATUM
Insert 2F.R (vert)

53° 27'·31N., 3° 01'·68W.
53° 27'·00N., 3° 01'·13W.

Move Q.R C22, from:

53° 27'·58N., 3° 02'·34W.
1. Work has commenced on the construction of Walney Offshore Wind Farm extension. The main wind farm work area is to be marked by the following light buoys:

<table>
<thead>
<tr>
<th>Buoy Type</th>
<th>Character</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Cardinal</td>
<td>VQ</td>
<td>54° 09'·719N, 3° 49'·576W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>54° 08'·800N, 3° 45'·371W.</td>
</tr>
<tr>
<td>North Cardinal</td>
<td>O</td>
<td>54° 07'·880N, 3° 41'·169W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>VQ(6)+LFL.10s</td>
<td>54° 00'·205N, 3° 34'·661W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>54° 01'·812N, 3° 39'·824W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>O(6)+LFL.15s</td>
<td>54° 03'·419N, 3° 44'·990W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>54° 05'·026N, 3° 50'·160W.</td>
</tr>
<tr>
<td>West Cardinal</td>
<td>O(9)15s</td>
<td>54° 06'·632N, 3° 55'·335W.</td>
</tr>
<tr>
<td>West Cardinal</td>
<td>VQ(9)10s</td>
<td>54° 08'·292N, 3° 55'·365W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>54° 09'·006N, 3° 52'·472W.</td>
</tr>
</tbody>
</table>

2. All vessels should navigate with caution in the area. A safety zone of 500 metres becomes operational around the turbines under construction. Cable laying to shore will also be concluded.

3. These changes will be included in New Editions of Charts 1320 and 1826 to be published mid 2017.

4. For the latest information see Dong Energy Notice to Mariners (ETRS89 DATUM)

Charts affected — SC5613

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Chart SC5613-23 WGS84 DATUM
The following changes were published in the new edition of chart 1121, which is the source chart for the above folio sheet:
Includes general updates throughout. Mariners should therefore navigate with caution on sheet SC5613-23 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.

L759/17 ENGLAND — West Coast — Liverpool Bay — Queens Channel W — Buoyage.
Source: CEFAS

Chart: SC5613-3 ETRS89 DATUM
Amend light-buoy to, Fl(5)Y.20s (2 buoys) PA 53° 31’ .98N., 3° 21’ .79W.
Delete grey spherical buoy, Fl(5)Y.20s 53° 32’ .00N., 3° 21’ .19W.

Chart: SC5613-7 ETRS89 DATUM
Amend light-buoy to, Fl(5)Y.20s (2 buoys) PA 53° 31’ .98N., 3° 21’ .79W.
Delete grey spherical buoy, Fl(5)Y.20s 53° 32’ .00N., 3° 21’ .19W.

L959/17 ENGLAND — West Coast — Rhyl Gas Field NW — Buoyage.
Source: DONG Energy

Chart: SC5613-1 ETRS89 DATUM
Insert Fl(5)Y.20s 54° 06’ .57N., 3° 53’ .26W.
54° 05’ .60N., 3° 44’ .40W.

L1004/17 ENGLAND — West Coast — River Mersey — Buoy.
Source: UKHO
Note: Certain Copies Only

Chart: SC5613-4 (Panel B, Crosby Channel to River Mersey) ETRS89 DATUM
Delete Fl(3)Y.2s 53° 26’ .97N., 3° 01’ .31W.

Chart: SC5613-5 ETRS89 DATUM
Delete Fl(3)Y.2s 53° 26’ .971N., 3° 01’ .310W.

Temporary/Preliminary NMs
L1007(T)/17 ISLE OF MAN — Maughold Head — Light.
Source: Northern Lighthouse Board Notice 11/16

The range of the light at Maughold Head, in position 54° 17´.73N., 4° 18´.57W., has been temporarily reduced to 12 miles. (ETRS89 DATUM)

Charts affected — SC5613

Temporary/Preliminary NMs
L1012(T)/17 ISLE OF MAN — Douglas Head — Light.
Source: Northern Lighthouse Board Notice 4/17

The range of the light at Douglas Head, in position 54° 08’ ·599 N., 4° 27’ ·947 W. has been temporarily reduced to 12 miles. (ETRS89 DATUM)

Charts affected — SC5609, SC5613 and SC5621

L1557/17 ENGLAND — West Coast — Approaches to Heysham — Buoyage.
Source: DONG Energy

Note: This update is included in New Editions 1320 and 1826, published 13 April 2017.

Chart: SC5613·9 ETRS89 DATUM
Insert Ø Fl(5)Y.20s 53° 54’ ·24N., 3° 19’ ·00W.

Chart: SC5613·10 ETRS89 DATUM
Insert Ø Fl(5)Y.20s 53° 54’ ·24N., 3° 19’ ·00W.
53° 59’ ·20N., 3° 01’ ·37W.

Chart: SC5613·11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM
Insert Ø Fl(5)Y.20s 53° 59’ ·20N., 3° 01’ ·37W.

Chart: SC5613·12 (Panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Insert Ø Fl(5)Y.20s 53° 59’ ·20N., 3° 01’ ·37W.


Charts SC5613·14 and SC5613·21 WGS84 DATUM
The following changes were published in the new edition of chart 1320, which is the source chart for the above folio sheets:

Includes significant safety-related information as follows: changes to depths, submarine cables and Walney Wind Farm Extension. Mariners should therefore navigate with caution on sheets SC5613-14 and SC5613-21 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.


Charts SC5613-1 and SC5613-2 WGS84 DATUM
The following changes were published in the new edition of chart 1826, which is the source chart for the above folio sheets:

Includes significant safety-related information as follows: Burbo Bank Wind Farm completion, Walney Wind Farm Extension and associated cables. Mariners should therefore navigate with caution on sheets SC5613-1 and SC5613-2 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.

Temporary/Preliminary NMs
L2092(T)/17 ISLE OF MAN — Approaches to Port Erin — Bay Fine — Buoy.
Source: Isle of Man Government Notice 7/17

1. A scientific monitoring light buoy, Iso.Y.2s, has been established until October 2017, in position 54° 04'.78N, 4° 47'.44W.
2. Mariners are advised to navigate with caution in the area.(ETRS89 DATUM)

Charts affected — SC5613

L2215/17 ENGLAND — West Coast — Liverpool Bay — Burbo Wind Farm Extension — Buoy.
Source: Tom Watson

Chart: SC5613-3 ETRS89 DATUM
L2337/17 ENGLAND — West Coast — Fleetwood — Buoy.
Source: Trinity House

Chart: SC5613·10 ETRS89 DATUM
Move  
<table>
<thead>
<tr>
<th>Fl(5)Y.20s ⚫</th>
<th>F(2)G.5s King Scar, from:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>53° 29’·10N., 3° 15’·53W.</td>
</tr>
</tbody>
</table>

| to:            | 53° 56’·97N., 3° 04’·40W. |

L3078/17 ISLE OF MAN — Douglas — Light.
Source: Isle of Man Government

Chart: SC5613·22 (Panel A, Isle Of Man Douglas) ETRS89 DATUM
Delete sector at light as follows:

<table>
<thead>
<tr>
<th>G 225°·327° (102°)</th>
</tr>
</thead>
</table>


Charts SC5613·17, SC5613·19, SC5613·20 and SC5613·21 WGS84 DATUM
The following changes were published in the new edition of chart 2094, which is the source chart for the above folio sheets:

Includes changes to depths from the latest British Government surveys. Mariners should therefore navigate with caution on sheets SC5613·17, SC5613·19, SC5613·20 and SC5613·21 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.

Temporary/Preliminary NMs
L2080(P)/14 IRISH SEA — England — Scotland — Liverpool Bay to Ardneil Bay — Submarine power cable.
Source: AWJ Marine

1. Work has begun laying the Western HVDC Link power cable from Liverpool Bay (England) to Ardneil Bay (Scotland), joining the following approximate positions (WGS84 Datum):

Page 21 of 51
53° 24'·84N., 3° 07'·79W. (shore)
53° 26'·28N., 3° 08'·28W.
53° 27'·35N., 3° 10'·40W.
53° 27'·25N., 3° 18'·60W.
53° 30'·00N., 3° 23'·46W.
53° 31'·28N., 3° 24'·22W.
53° 32'·16N., 3° 30'·02W.
53° 31'·55N., 3° 34'·91W.
53° 35'·63N., 3° 39'·74W.
53° 36'·80N., 3° 44'·04W.
53° 41'·13N., 3° 48'·62W.
53° 46'·45N., 3° 49'·09W.
53° 49'·02N., 3° 55'·36W.
53° 53'·71N., 4° 28'·51W.
53° 54'·97N., 5° 03'·52W.
54° 02'·49N., 5° 08'·24W.
54° 11'·89N., 5° 07'·05W.
54° 21'·55N., 5° 14'·31W.
54° 25'·69N., 5° 14'·62W.
54° 27'·66N., 5° 12'·13W.
54° 29'·92N., 5° 12'·19W.
54° 37'·14N., 5° 15'·36W.
54° 44'·76N., 5° 21'·73W.
54° 49'·43N., 5° 29'·72W.
54° 57'·84N., 5° 33'·04W.
55° 08'·31N., 5° 24'·84W.
55° 18'·28N., 5° 08'·39W.
55° 24'·36N., 4° 54'·96W.
55° 27'·59N., 4° 52'·31W.
55° 30'·41N., 4° 54'·93W.
55° 34'·26N., 4° 55'·35W.
55° 37'·86N., 4° 54'·80W.
55° 41'·72N., 4° 53'·24W. (shore)

2. Vessels are requested not to anchor or trawl in the vicinity of the cable route.
3. Charts will be updated when the works are complete.

Charts affected – SC5609, SC5610, SC5611, SC5612, SC5613 and SC5621


Chart SC5613-4 WGS84 DATUM
The following changes were published in the new edition of chart 1951, which is the source chart for the above folio sheet:
Includes significant safety-related information as follows: changes to wind turbines, submarine cables and navigational aids within Burbo Bank Wind Farm Extension and changes to depths from the latest Mersey Docks and Harbour Company surveys. Mariners should therefore navigate with caution on sheet SC5613-4 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.

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**Notices to Mariners - Weekly Edition 39/2017 England and Wales, Great Ormes Head to Liverpool.**

**Chart SC5613-3 WGS84 DATUM**
The following changes were published in the new edition of chart 1978, which is the source chart for the above folio sheet:

> Includes significant safety-related information as follows: changes to buoyage, wind turbines and aids to navigation within Burbo Bank Wind Farm. Mariners should therefore navigate with caution on sheet SC5613-3 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.

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**Charts SC5613-5 and SC5613-6 WGS84 DATUM**
The following changes were published in the new edition of chart 3490, which is the source chart for the above folio sheets:

> Includes changes to depths from the latest Mersey Docks and Harbour Company surveys. Mariners should therefore navigate with caution on sheets SC5613-5 and SC5613-6 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.
L5004/17 ENGLAND — West Coast — Fleetwood — River Wyre — Fog signal.
Source: Associated British Ports and Trinity House

Chart: SC5613-10 ETRS89 DATUM
Delete fog signal, Horn(1)15s, at light-beacon 53° 56' .24N., 3° 01' .06W.

Chart: SC5613-11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM
Delete fog signal, Horn(1)15s, at light-beacon 53° 56' .24N., 3° 01' .06W.

L5175/17 ISLE OF MAN — Peel N — Depths.
Source: Isle of Man Government

Chart: SC5613-20 (Panel A, Isle Of Man West Coast) ETRS89 DATUM
Insert depth, 3a, and extend 5m contour N to enclose (a) 54° 13' .688N., 4° 41' .805W.
depth, 4a, and extend 5m contour NE to enclose 54° 13' .639N., 4° 41' .775W.
Delete depth, 4a, close SW of: (a) above

Chart: SC5613-22 (Panel E, Isle Of Man Peel) ETRS89 DATUM
Insert depth, 3a, and extend 5m contour N to enclose (a) 54° 13' .688N., 4° 41' .805W.
depth, 4a, and extend 5m contour NE to enclose 54° 13' .639N., 4° 41' .775W.
Delete depth, 4a, close SW of: (a) above

Temporary/Preliminary NMs
L5159(P)/17 SCOTLAND — South West Coast — Approaches to Kirkcudbright — Drying heights.
Source: Dumfries & Galloway Council

1. Surveys have shown that depths and drying heights less than charted exist in the approaches to Kirkcudbright, the most significant are as follows:

<table>
<thead>
<tr>
<th>Drying height</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0m</td>
<td>54° 47' .846N., 4° 03' .721W.</td>
</tr>
<tr>
<td>0.6m</td>
<td>54° 47' .961N., 4° 03' .832W.</td>
</tr>
<tr>
<td>1.1m</td>
<td>54° 48' .142N., 4° 04' .120W.</td>
</tr>
<tr>
<td>0.6m</td>
<td>54° 48' .341N., 4° 04' .376W.</td>
</tr>
<tr>
<td>0.7m</td>
<td>54° 48' .659N., 4° 04' .560W.</td>
</tr>
<tr>
<td>0.9m</td>
<td>54° 48' .711N., 4° 04' .651W.</td>
</tr>
<tr>
<td>0.9m</td>
<td>54° 48' .940N., 4° 04' .657W.</td>
</tr>
<tr>
<td>0.5m</td>
<td>54° 49' .152N., 4° 04' .760W.</td>
</tr>
<tr>
<td>0.0m</td>
<td>54° 49' .277N., 4° 04' .861W.</td>
</tr>
<tr>
<td>0.7m</td>
<td>54° 49' .384N., 4° 04' .429W.</td>
</tr>
<tr>
<td>1.0m</td>
<td>54° 49' .457N., 4° 04' .297W.</td>
</tr>
</tbody>
</table>
2. Mariners are advised to navigate with caution in the area.
3. These changes will be included in the next New Edition of Chart 1344.(ETRS89 DATUM)

Chart affected – SC5613


Chart SC5613-23 WGS84 DATUM
The following changes were published in the new edition of chart 1121, which is the source chart for the above folio sheet:

Includes significant safety-related information as follows: new submarine cable and territorial sea limits. Mariners should therefore navigate with caution on sheet SC5613-23 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.


Chart SC5613-2 WGS84 DATUM
The following changes were published in the new edition of chart 1411, which is the source chart for the above folio sheet:

Includes significant safety-related information as follows: new submarine cable and territorial sea limits. Mariners should therefore navigate with caution on sheet SC5613-2 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.

L205/18 ENGLAND — West Coast — Liverpool Landing Stage — Fog signal.
Source: Peel Ports
Temporary/Preliminary NMs

L222(T)/18 WALES — North Coast — West Hoyle Spit — Buoyage.
Source: Port of Mostyn Notice 28/17

1. Yellow special purpose light-buoys, F.I.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 – SC5613

L295/18 ENGLAND — West Coast — Jordans Spit S and NE, and Blackpool W — Buoyage.
Source: Fugro

Chart: SC5613-1 ETRS89 DATUM
Insert
   buoy out of position, F.i(5)Y.20s
   53° 47'·69N., 3° 08'·27W.
   F.i(5)Y.20s
   53° 32'·31N., 3° 13'·71W.
Delete
   F.i(5)Y.20s
   53° 49'·00N., 3° 07'·57W.

Chart: SC5613-3 ETRS89 DATUM
Insert
   F.i(5)Y.20s
   53° 32'·31N., 3° 13'·71W.

Chart: SC5613-7 ETRS89 DATUM
Insert
   F.i(5)Y.20s
   53° 32'·31N., 3° 13'·71W.
Delete
   F.i(5)Y.20s
   53° 34'·62N., 3° 12'·39W.

Chart: SC5613-8 (Panel A, River Ribble) ETRS89 DATUM
Insert
   F.i(5)Y.20s
   53° 47'·69N., 3° 08'·27W.
Delete
   F.i(5)Y.20s
   53° 49'·00N., 3° 07'·58W.

Chart: SC5613-9 ETRS89 DATUM
Insert \[ F(5)Y.20s \] 53° 47' 09N., 3° 08' 27W.
Delete \[ F(5)Y.20s \] 53° 49' 00N., 3° 07' 58W.

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L366/18 ENGLAND — West Coast — Lightning Knoll SW — Buoy.
Source: ABP Barrow Notice 40/17

Chart: SC5613-10 ETRS89 DATUM
Amend \( \text{SEA 1 light-buoy to, Q.G} \) 53° 59' 75N., 3° 14' 09W.

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L386/18 ENGLAND — West Coast — Far Sand Bank — Drying height. Depth.
Source: ABP Silloth

Chart: SC5613-8 (Panel C, Approaches to Silloth) ETRS89 DATUM
Insert drying height, \( 0_a \), enclosed by 0m low water line \( (a) \) 54° 48' 59N., 3° 30' 46W.
Delete depth, \( 3_a \), close NW of: \( (a) \) above

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L851/18 ENGLAND — North West Coast — Fleetwood — Drying heights.
Source: Environment Agency

Note: stranded wreck drying height remains unchanged.

Chart: SC5613-9 ETRS89 DATUM
Replace drying height, \( 0_a \), with drying height, \( 2_a \) 53° 52' 09N., 3° 03' 57W.

Chart: SC5613-10 ETRS89 DATUM
Insert drying height, \( 1Q_b \) \( (a) \) 53° 56' 77N., 3° 02' 98W.
drying height, \( 6_a \) 53° 56' 46N., 3° 02' 60W.
drying height, \( 6_b \) 53° 56' 05N., 3° 02' 33W.
Delete drying height, \( 6_c \), close SW of: \( (a) \) above

Chart: SC5613-11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM
Insert drying height, \( 6_a \) 53° 56' 05N., 3° 02' 33W.
drying height, \( 6_b \) 53° 55' 14N., 3° 00' 53W.
Replace drying height, \( 6_a \), with drying height, \( 2_a \) 53° 55' 90N., 3° 00' 01W.
drying height, \( 2_a \), with drying height, \( 6_a \) 53° 54' 99N., 3° 00' 30W.

Chart: SC5613-11 (Panel B, River Wyre Fleetwood to Skippool) ETRS89 DATUM
Insert drying height, $\theta_6$  
$\theta_6$  
53° 56' 05N., 3° 02' 33W.

Replace drying height, $\theta_6$, with drying height, $\theta_7$  
$\theta_7$  
53° 55' 14N., 3° 00' 53W.

Replace drying height, $\theta_6$, with drying height, $\theta_7$  
$\theta_7$  
53° 55' 09N., 3° 00' 01W.

drying height, $\theta_6$ with drying height, $\theta_7$, and extend 2m drying contour 
$\theta_7$  
53° 54' 99N., 3° 00' 30W.

$\theta_7$  
53° 54' 56N., 3° 00' 25W.

Chart: SC5613-11 (Panel C, Fleetwood) ETRS89 DATUM

Insert drying height, $\theta_6$  
$\theta_6$  
53° 55' 14N., 3° 00' 53W.

Replace drying height, $\theta_6$, with drying height, $\theta_7$  
$\theta_7$  
53° 55' 09N., 3° 00' 01W.

$\theta_7$  
53° 54' 99N., 3° 00' 30W.

L1269/18 WALES — West Coast — Caernarfon Bay — Buoy. 
Source: Bangor University

Chart: SC5613-23 ETRS89 DATUM

Delete $\mathcal{O}$ Fl(5)Y.20s  
53° 13' 00N., 4° 43' 4W.

L1324/18 IRISH SEA — Calder Gas Field SW — Buoy. 
Source: UKHO

Chart: SC5613-1 ETRS89 DATUM

Delete $\mathcal{O}$ Q.Y (2 buoys)  
53° 45' 09N., 4° 00' 09W.

L1684/18 IRELAND — East Coast — Copeland Island NE — Light. 
Source: Commissioners of Irish Lights

Chart: SC5613-23 ETRS89 DATUM

Amend light to, FFl(4)30s18M  
54° 41' 09N., 5° 30' 06W.

L1750/18 WALES — North Coast — Constable Bank — Buoy. 
Source: Bangor University

Chart: SC5613-1 ETRS89 DATUM

Insert $\mathcal{O}$ Ff(5)Y.20s  
53° 22' 51N., 3° 43' 56W.
Temporary/Preliminary NMs
L2133(T)/18 SCOTLAND — West Coast — Mull of Galloway SW — Buoy.
Source: Seajacks Scylla

1. A special light-buoy, Fl(2+1)Y.10s, has been reported adrift in approximate position 54° 36' .70N., 4° 58' .00W. (WGS84 DATUM)

Charts affected – SC5610, SC5612 and SC5613

L2204/18 ENGLAND — West Coast — Shell Flat — Lights.
Source: Ørsted

Chart: SC5613-1 ETRS89 DATUM
Delete ★ Fl.Y.2 5s11m &2F.R(vert) Mast(81) 53° 52' .38N., 3° 12' .17W.
★ Fl.Y.2 5s11m &2F.R(vert) Mast(51) 53° 51' .61N., 3° 17' .75W.

Chart: SC5613-9 ETRS89 DATUM
Delete ★ Fl.Y.2 5s11m&2F.R(vert) Mast(81) 53° 52' .42N., 3° 12' .13W.
★ Fl.Y.2 5s11m&2F.R(vert) Mast(51) 53° 51' .60N., 3° 17' .68W.

Chart: SC5613-23 ETRS89 DATUM
Delete ★ Fl.Y.&2F.R(vert) Mast(81) 53° 52' .3N., 3° 12' .2W.
★ Fl.Y.&2F.R(vert) Mast(51) 53° 51' .6N., 3° 17' .5W.

Temporary/Preliminary NMs
L2449(T)/18 ENGLAND — West Coast — Blackpool NW — Works. Outfall.
Source: J. Murphy & Sons Ltd

1. Pipeline installation works are taking place until September 2018, within an area bounded by the following positions:
   53° 52' .37N., 3° 02' .89W. (shore)
   53° 52' .37N., 3° 03' .80W.
   53° 52' .13N., 3° 03' .87W.
   53° 51' .71N., 3° 06' .30W.
   53° 51' .60N., 3° 06' .25W.
   53° 52' .18N., 3° 02' .91W. (shore)

2. Mariners are advised to navigate with caution within the vicinity. (ETRS89 DATUM)
Charts affected—SC5609 and SC5613

L2908/18 WALES — West Coast — Holyhead Deep — Buoy. Legend.
Source: Minesto UK Ltd

Chart: SC5613-23 ETRS89 DATUM
Insert 53° 17'·8N., 4° 47'·8W.


Chart SC5613-18 WGS84 DATUM
The following changes were published in the new edition of chart 1344, which is the source chart for the above folio sheet:

Includes changes to depths from the latest Dumfries and Galloway Council Surveys. Mariners should therefore navigate with caution on sheet SC5613-18 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.

L3274/18 ENGLAND — West Coast — Buoyage.
Source: Lancaster Port Commission

Chart: SC5613-12 (Panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Move

Fl(3)G.10s No 3, from: 53° 58'·65N., 2° 57'·79W.
to: 53° 58'·75N., 2° 57'·76W.

Fl.G.5s No 5, from: 53° 58'·31N., 2° 54'·87W.
to: 53° 58'·51N., 2° 55'·15W.

Fl.R.4s No 6, from: 53° 58'·67N., 2° 54'·26W.
to: 53° 58'·73N., 2° 54'·35W.

L3485/18 ENGLAND — West Coast — Buoy.
Source: Ørsted
Chart: SC5613-1 ETRS89 DATUM
Delete ⚪ F(5)Y.20s
53° 54' 24N. , 3° 19'-00W.

Chart: SC5613-9 ETRS89 DATUM
Delete ⚪ F(5)Y.20s
53° 54' 24N. , 3° 19'-00W.

Chart: SC5613-10 ETRS89 DATUM
Delete ⚪ F(5)Y.20s
53° 54' 24N. , 3° 19'-00W.

L3540/18 WALES — North Coast — — Buoy.
Source: Rhyl Harbour Notice 3/18

Chart: SC5613-3 ETRS89 DATUM
Delete ⚪ Mo(A)10s
53° 19' 60N. , 3° 32' 00W.

L3543/18 ISLE OF MAN — — Light.
Source: Northern Lighthouse Board Notice 18/17
Note: Former Notice L1007(T)/17 is cancelled.

Chart: SC5613-2 ETRS89 DATUM
Amend range of light to, 15M
54° 17' 73N. , 4° 18' 57W.

Chart: SC5613-21 (Panel A, Isle of Man East Coast) ETRS89 DATUM
Amend range of light to, 15M
54° 17' 73N. , 4° 18' 57W.

Chart: SC5613-23 ETRS89 DATUM
Amend range of light to, 15M
54° 17' 8N. , 4° 18' 5W.

L3591/18 SCOTLAND — South West Coast — — Light.
Source: Dumfries and Galloway Council Harbours Notice 9/18

Chart: SC5613-17 ETRS89 DATUM
Amend range of light to, 3M
54° 41' 88N. , 4° 21' 84W.

Chart: SC5613-19 (Panel A, Wigtown Bay to Luce Bay) ETRS89 DATUM
Amend range of light to, 3M
54° 41' 88N. , 4° 21' 84W.
Temporary/Preliminary NMs
L3600(P)/18 ENGLAND — West Coast — — Depth.
Source: Peel Ports

1. Depths and drying heights less than charted exist in the approaches to Liverpool. The most significant are as follows:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7m</td>
<td>53° 21' ·547N. , 2° 57' ·990W.</td>
</tr>
</tbody>
</table>

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

3. These changes will be included in the next New Edition of Charts 3490 and 1951, to be published late 2018.(ETRS89 DATUM)

Charts affected – SC5613

L3686/18 ISLE OF MAN — — Light.
Source: Northern Lighthouse Board Notice 19/17

Note: Former Notice L1012(T)/17 is cancelled.

Chart: SC5613-20 (Panel A, Isle of Man, West Coast) ETRS89 DATUM
Amend range of light to, 15M 54° 08' ·60N. , 4° 27' ·95W.

Chart: SC5613-21 (Panel A, Isle of Man, East Coast) ETRS89 DATUM
Amend range of light to, 15M 54° 08' ·60N. , 4° 27' ·95W.

Chart: SC5613-22 (Panel A, Isle of Man, Douglas) ETRS89 DATUM
Amend range of light to, 15M 54° 08' ·599N. , 4° 27' ·947W.

Chart: SC5613-23 ETRS89 DATUM
Amend range of light to, 15M 54° 08' ·6N. , 4° 27' ·9W.

Temporary/Preliminary NMs
L3670(P)/18 ENGLAND — West Coast — — Depths.
Source: Peel Ports

1. Numerous depths and drying heights less than charted exist in the approaches to Liverpool. The most significant are as follows:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 4·6m</td>
<td>53° 31' ·67N. , 3° 08' ·84W.</td>
</tr>
</tbody>
</table>
2. Mariners are advised to navigate with caution in the area.
3. These changes will be included in the next New Edition of Charts 1951 and 3490, to be published late 2018.
4. Former Notice 3600(P)/18 is cancelled.*Indicates new or revised entry. (ETRS89 DATUM)

Charts affected – SC5613

L4063/18 ENGLAND — West Coast — — Submarine power cables. Legends.
Source: Ørsted

Note: Former Notice L495(P)/17 is cancelled

Chart: SC5613-1 ETRS89 DATUM
Delete legend, Planned, centred on:

54° 02' ·71N., 3° 44' ·12W.
53° 55' ·29N., 3° 20' ·85W.

Chart: SC5613-2 ETRS89 DATUM
Delete legend, Planned, centred on:

54° 02' ·71N., 3° 44' ·12W.
Temporary/Preliminary NMs
L4123(P)/18 ENGLAND — West Coast — — Submarine power cables.
Source: Ørsted

1. Submarine power cables have been laid, joining the following positions:

53° 55' -29N., 3° 20' -85W.
53° 55' -80N., 3° 27' -00W.
53° 55' -00N., 3° 21' -00W.
53° 54' -40N., 3° 13' -74W.
53° 54' -19N., 3° 13' -05W.
53° 54' -25N., 3° 12' -60W.
53° 55' -00N., 3° 09' -02W.
and
53° 55' -80N., 3° 29' -41W.
53° 55' -05N., 3° 22' -00W.
53° 54' -34N., 3° 13' -74W.
53° 54' -13N., 3° 13' -06W.
53° 54' -15N., 3° 12' -67W.
53° 55' -80N., 3° 08' -81W.

53° 56' -74N., 3° 31' -58W.
53° 56' -09N., 3° 30' -00W.
53° 54' -39N., 3° 13' -71W.
53° 54' -05N., 3° 12' -95W.
53° 54' -43N., 3° 12' -22W.
53° 56' -32N., 3° 08' -03W.
53° 56' -75N., 3° 06' -03W.
53° 56' -88N., 3° 04' -70W.
53° 57' -13N., 3° 03' -90W.
53° 57' -47N., 3° 03' -34W.
53° 59' -01N., 2° 59' -74W.
53° 59' -38N., 2° 59' -48W.
53° 59' -69N., 2° 58' -66W.
54° 00' -02N., 2° 58' -27W.
54° 00' -13N., 2° 57' -86W.
54° 00'·33N., 2° 56'·50W.
54° 00'·40N., 2° 53'·89W.
and
53° 56'·51N., 3° 31'·58W.
53° 55'·94N., 3° 30'·29W.
53° 54'·82N., 3° 19'·49W.
53° 54'·34N., 3° 13'·76W.
53° 54'·13N., 3° 13'·10W.
53° 54'·14N., 3° 12'·68W.
53° 56'·15N., 3° 08'·14W.
53° 56'·67N., 3° 05'·77W.
53° 56'·77N., 3° 04'·80W.
53° 57'·18N., 3° 03'·55W.
53° 57'·44N., 3° 03'·20W.
53° 59'·10N., 2° 59'·36W.
53° 59'·46N., 2° 59'·12W.
53° 59'·65N., 2° 58'·64W.
53° 59'·98N., 2° 58'·16W.
54° 00'·19N., 2° 57'·25W.
54° 00'·38N., 2° 53'·88W.

2. Mariners are advised to navigate with caution in the area.
3. These changes will be included in New Editions of Charts 1552 and 2010 to be published 4 October 2018.
4. Former Notice L495(P)/17 is cancelled. (ETRS89 DATUM)

Charts affected – SC5613

L4164/18 ENGLAND — West Coast — — Wreck.
Source: HM Coastguard

Chart: SC5613·14 ETRS89 DATUM
Insert      53° 56'·00N., 3° 27'·60W.

L4269/18 ENGLAND — West Coast — — Buoy.
Source: United Utilities Water PLC

Chart: SC5613·8 (Panel C, Approaches to Silloth) ETRS89 DATUM
Insert      54° 52'·39N., 3° 23'·69W.

L4286/18 ISLE OF MAN — — Legend.
Source: Isle of Man Harbours Notice 14/18
L4289/18 WALES — West Coast — — Automatic Identification System.
Source: Trinity House

Chart: SC5613-23 ETRS89 DATUM

Insert Automatic Identification System, A\(\text{i/S}\), at light-buoy 53° 17' 8N., 4° 47' 8W.

Temporary/Preliminary NMs
L4324(T)/18 ENGLAND — North West Coast — — Buoy.
Source: Ørsted

1. A light-buoy, Fl(5)Y.20s has been established in position 54° 00' 11N., 3° 33' 72W. (ETRS89 DATUM)

Chart affected — SC5613

Temporary/Preliminary NMs
L4499(T)/18 ENGLAND — West Coast — — Light-float. Buoy.
Source: Peel Ports Notice 45/18

1. The light float, Fl.5s11m12M Bar Racon(T), in position 53° 32' 02N., 3° 20' 98W. has been replaced by a high focal plane red pillar buoy, Fl.5s Bar Racon(T). (ETRS89 DATUM)

Charts affected – SC5609 and SC5613

Notices to Mariners - Weekly Edition 40/2018 International Chart Series,
England - West Coast, Ports in Morecambe Bay.

Charts SC5613-11 and SC5613-12 WGS84 DATUM

The following changes were published in the new edition of chart 1552, which is the source chart for the above folio sheets:

Includes significant safety-related information as follows: new submarine cables. Mariners should therefore navigate with caution on sheets SC5613-11 and SC5613-12 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.
These changes will be included in the next new edition of SC5613.

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**Notices to Mariners - Weekly Edition 40/2018 International Chart Series, England - West Coast, Morecambe Bay and Approaches.**


**Chart SC5613-10** WGS84 DATUM

The following changes were published in the new edition of chart 2010, which is the source chart for the above folio sheet:

*Includes significant safety-related information as follows: new submarine cables. Mariners should therefore navigate with caution on sheet SC5613-10 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.*

These changes will be included in the next new edition of SC5613.

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**L5557/18 WALES — North Coast — — Depth. Obstruction.**

Source: Raymond Cramer

**Chart: SC5613-1** ETRS89 DATUM

Insert

\[\text{Obstn}\]

53° 34’·63N., 3° 35’·89W.

**Chart: SC5613-7** ETRS89 DATUM

Replace depth, 27s, with:

\[\text{Obstn}\]

53° 34’·63N., 3° 35’·89W.

**Chart: SC5613-23** ETRS89 DATUM

Insert

\[\text{Obstn}\]

53° 34’·6N., 3° 35’·9W.

---

**Temporary/Preliminary NMs**

**L5626(P)/18 ENGLAND — West Coast — — Light.**

Source: Peel Ports

1. Light, F.Y, in position 53° 24’·611N., 3° 00’·907W. has been discontinued.
2. This change will be included in a New Edition of Chart 3490 to be published 6 December 2018.(ETRS89 DATUM)

**Chart affected – SC5613**

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**L5738/18 ENGLAND — West Coast — — Obstruction.**
Chart: SC5613·9 ETRS89 DATUM

Insert ○ Unexploded Ordnance Rep (2018) (buried) 53° 50′ 24N, 3° 34′ 42W.


Chart SC5613·4 WGS84 DATUM

The following changes were published in the new edition of chart 1951, which is the source chart for the above folio sheet:

Includes changes to depths from the latest Mersey Docks and Harbour Company surveys. Mariners should therefore navigate with caution on sheet SC5613·4 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

These changes will be included in the next new edition of SC5613.


Charts SC5613·5 and SC5613·6 WGS84 DATUM

The following changes were published in the new edition of chart 3490, which is the source chart for the above folio sheets:

Includes changes to depths from the latest Mersey Docks and Harbour Company Surveys. Mariners should therefore navigate with caution on sheets SC5613·5 and SC5613·6 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.

Source: J. Murphy & Sons Ltd

Note: Former Notice L2449(T)/18 is cancelled.
Chart: SC5613-1 ETRS89 DATUM
Insert

(a) 53° 51'·67N., 3° 06'·20W.

Obstn Fl.Y, close SW of:

outfall, ******, joining:

(a) above 53° 52'·25N., 3° 02'·91W.

(a) above

Chart: SC5613-9 ETRS89 DATUM
Insert

(a) 53° 51'·67N., 3° 06'·20W.

Obstn Fl.Y, close SW of:

outfall, ******, joining:

(a) above

L6160/18 ENGLAND — West Coast — — Depths.
Source: British Government Survey

Chart: SC5613-10 ETRS89 DATUM
Insert
depth, 7

(a) 54° 03'·90N., 3° 19'·36W.
depth, 8, close NW of:

(a) above
depth, 8, and extend 10m contour W to

enclose

(b) 54° 03'·87N., 3° 18'·83W.
deepth, 9, close SW of:

(b) above
depth, 9, and extend 10m contour W to

enclose

(c) 54° 03'·78N., 3° 18'·38W.
depth, 7, close NE of:

(c) above
depth, 7, and extend 10m contour N to enclose

(d) 54° 03'·21N., 3° 18'·96W.
deepth, 10, close N of:

(d) above
depth, 7, close NW of:

(e) 54° 02'·73N., 3° 18'·42W.
depth, 8, close NW of:

(e) above

Chart: SC5613-14 ETRS89 DATUM
Insert
depth, 7, and extend 10m contour W to

enclose

54° 04'·83N., 3° 19'·16W.
depth, 9, enclosed by 10m contour

54° 04'·29N., 3° 19'·42W.
depth, 7

(a) 54° 03'·90N., 3° 19'·36W.
deepth, 8, close NW of:

(a) above
depth, 8, and extend 10m contour W to

enclose

54° 03'·87N., 3° 18'·83W.
depth, 6

54° 03'·78N., 3° 18'·38W.
L443/19 ISLE OF MAN — — Lights.
Source: Marine Operations Centre, Isle of Man

Chart: SC5613-20 (Panel A, Isle of Man, West Coast) ETRS89 DATUM
Amend light to, Fl.R.5s4m5M (sync) 54° 13’·563N., 4° 41’·667W.
light to, Fl.R.5s10m5M (sync) 54° 13’·452N., 4° 41’·767W.

Chart: SC5613-22 (Panel E, Peel) ETRS89 DATUM
Amend light to, Fl.R.5s4m5M (sync) 54° 13’·563N., 4° 41’·667W.
light to, Fl.R.5s10m5M (sync) 54° 13’·452N., 4° 41’·767W.

L701/19 ENGLAND — West Coast — — Depths.
Source: British Government Survey

Chart: SC5613-10 ETRS89 DATUM
Insert depth, 4\textdegree, enclosed by 5m contour (a) 54° 02’·09N., 3° 15’·87W.
Delete depth, 5, and associated 5m contour close SE of: (a) above

Chart: SC5613-14 ETRS89 DATUM
Insert depth, 4\textdegree, enclosed by 5m contour (a) 54° 02’·09N., 3° 15’·87W.
Delete depth, 5, and associated 5m contour close S of: (a) above

L1410/19 WALES — North Coast — — Obstructions. Depths.
Source: m/s Northern Wind

Chart: SC5613-3 ETRS89 DATUM
Insert Obstn Obstn 53° 23’·37N., 3° 30’·76W.

L1693/19 ENGLAND - West Coast - Buoy.
Source: Peel Ports

Chart SC5613-4 (Panel A, Approach to Liverpool) ETRS89 DATUM
Move VQ.R Q2 from: 53° 31’·40N., 3° 14’·57W.
to: 53° 31’·48N., 3° 14’·95W.

L2092/19 ENGLAND — West Coast — — Depths.
Source: British Government Survey

Chart: SC5613·10 ETRS89 DATUM
Insert depth, 1i, enclosed by 2m contour 53° 57’·63N., 3° 01’·72W.

Chart: SC5613·11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM
Insert depth, 1i, and extend 2m contour W to enclose (a) 53° 57’·63N., 3° 01’·72W.
Delete depth, 2a, close W of: (a) above
Insert depth, 0i, enclosed by 0m low water line (b) 53° 57’·56N., 3° 01’·63W.
Delete depth, 2a, close SE of: (b) above
Replace depth, 1i, with depth, 0i 53° 57’·63N., 3° 01’·59W.

L2379/19 WALES — North Coast — — Wreck.
Source: ms Northern Wind

Chart: SC5613·3 ETRS89 DATUM
Insert Wk 53° 19’·59N., 3° 39’·90W.

L2474/19 WALES — North Coast — — Wrecks.
Source: ms Northern Wind

Chart: SC5613·3 ETRS89 DATUM
Insert Wk 53° 24’·89N., 3° 24’·77W.

L2525/19 WALES — North Coast — — Wrecks. Depths.
Source: ms Northern Wind

Chart: SC5613·3 ETRS89 DATUM
Replace depth, 8a, with Wk 53° 25’·70N., 3° 23’·07W.

L3317/19 ENGLAND — West Coast — — Depths. Drying heights.
Source: ABP Barrow

Chart: SC5613·13 (Panel B, Barrow Harbour, Long Rein Point to Barrow-in-Furness) ETRS89 DATUM

Insert depth, \( h \), enclosed by 2m contour

(a) 54° 05' 662N., 3° 13' 645W.

Insert drying height, \( D_1 \)

(b) 54° 05' 926N., 3° 14' 046W.

Insert drying height, \( D_2 \)

54° 05' 984N., 3° 14' 132W.

drying height, \( D_3 \), and extend 0m low water line NE to enclose

54° 06' 076N., 3° 14' 285W.

drying height, \( D_4 \)

(c) 54° 06' 091N., 3° 14' 269W.

Insert 0m low water line, joining:

(d) 54° 06' 074N., 3° 14' 305W.

(e) 54° 06' 092N., 3° 14' 287W.

and

(f) 54° 06' 067N., 3° 14' 265W.

(g) 54° 06' 064N., 3° 14' 285W.

Delete former 0m low water line, joining:

(d) above

(g) above

and

(e) above

(f) above

L3334/19 ENGLAND — West Coast — — Fog signals. Lights.
Source: Ørsted

Chart: SC5613·3 ETRS89 DATUM

Amend fog signal to, Horn(1)30s, at wind turbine

53° 30' 12N., 3° 12' 18W.

53° 28' 92N., 3° 09' 00W.

Delete light, Fl.Y.5s5M, and associated fog signal, Horn(1)10s, at wind turbine

53° 30' 12N., 3° 13' 13W.

53° 29' 70N., 3° 13' 33W.

53° 28' 48N., 3° 11' 10W.

light, Fl.Y.2:5s2M, at wind turbine

53° 29' 08N., 3° 12' 22W.

53° 28' 70N., 3° 09' 58W.

53° 28' 90N., 3° 09' 95W.

fog signal, Horn(1)10s, at wind turbine

53° 29' 12N., 3° 09' 37W.

Chart: SC5613·4 (Panel A, Approach to Liverpool) ETRS89 DATUM

Amend fog signal to, Horn(1)30s, at wind turbine

53° 30' 12N., 3° 12' 18W.
Delete light, Fl.Y.5s13m5M, and associated fog signal, Horn(1)10s, at wind turbine 53° 30'·12N., 3° 13'·13W.

L3469/19 ENGLAND — West Coast — — Obstruction.
Source: ms Lode

Chart: SC5613·14 ETRS89 DATUM
Insert Obstn 54° 00'·56N., 3° 25'·23W.

L3474/19 ENGLAND — West Coast — — Obstruction.
Source: Peel Ports Notice 29/19

Chart: SC5613·6 ETRS89 DATUM
Insert Obstn, drying height 0. 53° 22'·478N., 2° 59'·664W.

L3654/19 ENGLAND — West Coast — — Buoyage.
Source: Peel Ports Notice 33/19

Chart: SC5613·6 ETRS89 DATUM
Replace Fl(3)G.9s RF with Q(3)10s RF 53° 22'·498N., 2° 59'·658W.

L3714/19 WALES — North Coast — — Depths.
Source: Tarmac Marine

Chart: SC5613·1 ETRS89 DATUM
Insert depth 9, enclosed by 10m contour 53° 26'·78N., 3° 24'·69W.
Insert depth, 15; 53° 27'·19N., 3° 24'·20W.

Chart: SC5613·3 ETRS89 DATUM
Insert depth, 15; depth 9, enclosed by 10m contour 53° 26'·78N., 3° 24'·69W.

The following changes were published in the new edition of chart 2696, which is the source chart for the above folio sheets:

In the following changes were published in the new edition of chart 2696, which is the source chart for the above folio sheets:

Includes changes to depths from the latest Isle of Man Government surveys. Mariners should therefore navigate with caution on sheets SC5613-20, SC5613-21 and SC5613-22 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

These changes will be included in the next new edition of SC5613.

Temporary/Preliminary NMs
L4096(P)/19 IRISH SEA —— Works. Submarine cable.
Source: Irish Maritime Administration Notice 20/19 and McMahon Design and Management Ltd

1. Work has begun laying the Rockabill Subsea Cable from Portraine, North of Dublin in Ireland and Cleveleys on the West Coast of England, joining the following approximate positions:

<table>
<thead>
<tr>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>53° 29' 64N,</td>
<td>6° 06' 36W,</td>
</tr>
<tr>
<td>53° 29' 85N,</td>
<td>6° 03' 98W,</td>
</tr>
<tr>
<td>53° 31' 43N,</td>
<td>6° 02' 18W,</td>
</tr>
<tr>
<td>53° 32' 82N,</td>
<td>5° 46' 84W,</td>
</tr>
<tr>
<td>53° 34' 87N,</td>
<td>5° 46' 31W,</td>
</tr>
<tr>
<td>53° 37' 23N,</td>
<td>5° 22' 48W,</td>
</tr>
<tr>
<td>53° 43' 90N,</td>
<td>5° 17' 70W,</td>
</tr>
<tr>
<td>53° 53' 88N,</td>
<td>4° 51' 93W,</td>
</tr>
<tr>
<td>53° 56' 30N,</td>
<td>4° 49' 68W,</td>
</tr>
<tr>
<td>53° 56' 33N,</td>
<td>4° 33' 71W,</td>
</tr>
<tr>
<td>53° 52' 59N,</td>
<td>4° 00' 69W,</td>
</tr>
<tr>
<td>53° 54' 21N,</td>
<td>3° 52' 82W,</td>
</tr>
<tr>
<td>53° 52' 58N,</td>
<td>3° 44' 14W,</td>
</tr>
<tr>
<td>53° 55' 50N,</td>
<td>3° 33' 28W,</td>
</tr>
<tr>
<td>53° 53' 90N,</td>
<td>3° 24' 38W,</td>
</tr>
<tr>
<td>53° 53' 03N,</td>
<td>3° 06' 35W,</td>
</tr>
<tr>
<td>53° 53' 09N,</td>
<td>3° 02' 85W,</td>
</tr>
</tbody>
</table>

2. Mariners are advised to navigate with caution in the area.
3. Charts will be updated when works are complete. (WGS84 DATUM)

Charts affected — SC5609, SC5612, SC5613 and SC5621

L4292/19 ENGLAND — West Coast —— Depths. Drying heights. Drying contour.
Source: Trinity House

**Chart: SC5613-3 ETRS89 DATUM**

<table>
<thead>
<tr>
<th>Insert</th>
<th>drying height, ( d_i )</th>
<th>( 53^\circ 24'\cdot53N., 3^\circ 13'\cdot03W. )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete</td>
<td>drying height, ( d_o ), close E of:</td>
<td>( (a) ) above</td>
</tr>
<tr>
<td>Insert</td>
<td>drying height, ( d_o )</td>
<td>( 53^\circ 24'\cdot02N., 3^\circ 13'\cdot19W. )</td>
</tr>
<tr>
<td>Delete</td>
<td>drying height, ( d_o ), close NW of:</td>
<td>( (b) ) above</td>
</tr>
<tr>
<td>Replace</td>
<td>depth, ( d ), with depth, ( d_o ), and extend 2m contour N to enclose</td>
<td>( 53^\circ 25'\cdot13N., 3^\circ 14'\cdot31W. )</td>
</tr>
</tbody>
</table>

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**L4299/19 ENGLAND — West Coast — — Spoil ground. Legend.**
Source: ABP Silloth

**Chart: SC5613-8 (Panel C, Approaches to Silloth) ETRS89 DATUM**

<table>
<thead>
<tr>
<th>Insert</th>
<th>semi-circular limit of spoil ground, radius 315m, pecked line, centred on</th>
<th>( 54^\circ 51'\cdot900N, 3^\circ 25'\cdot602W. ), joining: ( 54^\circ 52'\cdot024N., 3^\circ 25'\cdot804W. )</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>( 54^\circ 51'\cdot776N., 3^\circ 25'\cdot804W. )</td>
<td></td>
</tr>
<tr>
<td>Insert</td>
<td>circular limit of spoil ground, radius 0·17M, pecked line, centred on:</td>
<td>( 54^\circ 51'\cdot900N. , 3^\circ 25'\cdot60W. )</td>
</tr>
<tr>
<td></td>
<td>legend, <em>Spoil Ground</em>, centred on:</td>
<td>( 54^\circ 52'\cdot03N., 3^\circ 25'\cdot81W. )</td>
</tr>
</tbody>
</table>

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**Chart: SC5613-15 ETRS89 DATUM**

<table>
<thead>
<tr>
<th>Insert</th>
<th>circular limit of spoil ground, radius 0·17M, pecked line, centred on:</th>
<th>( 54^\circ 51'\cdot900N., 3^\circ 25'\cdot60W. )</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>legend, <em>Spoil Ground</em>, centred on:</td>
<td>( 54^\circ 52'\cdot03N., 3^\circ 26'\cdot21W. )</td>
</tr>
</tbody>
</table>

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**L4344/19 WALES — North Coast — — Depths. Drying height. Wreck.**
Source: British Government Survey

**Chart: SC5613-1 ETRS89 DATUM**

<table>
<thead>
<tr>
<th>Insert</th>
<th>depth, ( d )</th>
<th>( 53^\circ 22'\cdot01N., 3^\circ 40'\cdot19W. )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete</td>
<td>depth, ( d_o ), close W of:</td>
<td>( (a) ) above</td>
</tr>
</tbody>
</table>

**Chart: SC5613-3 ETRS89 DATUM**

<table>
<thead>
<tr>
<th>Insert</th>
<th>depth, ( d )</th>
<th>( 53^\circ 20'\cdot43N., 3^\circ 29'\cdot28W. )</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete</td>
<td>depth, ( d_o ), close SE of:</td>
<td>( (a) ) above</td>
</tr>
<tr>
<td>Insert</td>
<td>depth, ( d )</td>
<td>( 53^\circ 20'\cdot40N., 3^\circ 28'\cdot48W. )</td>
</tr>
<tr>
<td>Delete</td>
<td>depth, ( d_o ), close W of:</td>
<td>( (b) ) above</td>
</tr>
</tbody>
</table>
Insert depth, $d$, enclosed by 2m contour

53° 22' · 26N. , 3° 29' · 32W.

deepth, $d'$, and extend 2m contour N to enclose

53° 22' · 78N. , 3° 24' · 78W.

deepth, $d''$, and extend 2m contour N to enclose

(c) 53° 22' · 67N. , 3° 23' · 86W.

Delete depth, $d''$, close NE of:

(c) above

Insert drying height, $d''$, and extend 2m low water line SE to enclose

(d) 53° 22' · 13N. , 3° 18' · 71W.

Delete depth, $d'$, close W of:

(d) above

Replace $Wk$ with $Wk$

53° 19' · 59N. , 3° 39' · 90W.

depth, $d''$, with depth, $d''$, and extend 2m contour E to enclose

53° 20' · 48N. , 3° 29' · 68W.

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L4373/19 ENGLAND — West Coast — — NM Blocks.
Source: Trinity House

Chart: SC5613·3 ETRS89 DATUM

Insert the accompanying block, centred on:

53° 22' · 5N. , 3° 21' · 6W.

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L4376/19 ENGLAND — West Coast — — Buoy.
Source: United Utilities

Chart: SC5613·8 (Panel A, River Ribble) ETRS89 DATUM

Insert

53° 47' · 04N. , 3° 04' · 57W.

Chart: SC5613·9 ETRS89 DATUM

Insert

53° 47' · 04N. , 3° 04' · 57W.
Temporary/Preliminary NMs

L4339(P)/19 IRISH SEA — — Works. Submarine cable.
Source: Irish Maritime Administration

1. Work has begun laying the Rockabill Subsea Cable between Portraine, North of Dublin in Ireland and Southport on the West Coast of England, joining the following approximate positions:

53° 29'·63N., 6° 06'·39W.
53° 29'·86N., 6° 04'·35W.
53° 30'·07N., 6° 03'·68W.
53° 30'·25N., 6° 03'·34W.
53° 31'·15N., 6° 02'·67W.
53° 31'·55N., 6° 01'·49W.
53° 32'·71N., 5° 47'·18W.
53° 32'·99N., 5° 46'·48W.
53° 34'·84N., 5° 46'·63W.
53° 36'·97N., 5° 28'·10W.
53° 37'·10N., 5° 26'·10W.
53° 36'·83N., 5° 23'·24W.
53° 37'·54N., 5° 22'·29W.
53° 40'·22N., 5° 20'·13W.
53° 41'·24N., 5° 15'·86W.
53° 44'·20N., 5° 09'·90W.
53° 49'·08N., 4° 56'·56W.
53° 46'·96N., 4° 29'·54W.
53° 46'·40N., 4° 26'·16W.
53° 45'·84N., 4° 12'·83W.
53° 44'·03N., 3° 56'·32W.
53° 43'·89N., 3° 42'·87W.
53° 44'·11N., 3° 31'·16W.
53° 43'·25N., 3° 30'·13W.
53° 40'·80N., 3° 08'·60W.
53° 39'·12N., 3° 06'·13W.
53° 39'·09N., 3° 03'·03W.
53° 38'·78N., 3° 01'·43W.

3. Mariners are advised to navigate with caution in the area.
4. Charts will be updated when full details are available.
5. Former Notice L4096(P)/19 is cancelled. (WGS84 DATUM)

Charts affected – SC5609, SC5612, SC5613 and SC5621

L4485/19 ENGLAND — — West Coast — — Depths. Drying heights.
Source: British Government Survey
Chart: SC5613·10 ETRS89 DATUM

Insert depth, $d$  
(a) 54° 03' ·78N. , 3° 18' ·25W.

Delete depth, $d$, close W of:  
(a) above

Insert drying height, $h$, and extend 0m low water line NE to enclose  
(b) 54° 02' ·18N. , 3° 12' ·95W.

Delete drying height, $h$, close SW of:  
(b) above

Insert drying height, $h$, enclosed by 0m low water line  
(c) 54° 01' ·56N. , 3° 10' ·34W.

Delete depth, $d$, close N of:  
(c) above

Insert drying height, $h$, enclosed by 0m low water line  
54° 01' ·75N. , 3° 10' ·18W.

Insert drying height, $h$, and extend 0m low water line NW to enclose  
54° 02' ·35N. , 3° 10' ·02W.

Chart: SC5613·13 (Panel A, Barrow Harbour South East Point to Long Rein Point) ETRS89 DATUM

Insert depth, $d$  
(a) 54° 02' ·501N. , 3° 10' ·397W.

Delete depth, $d$, close SE of:  
(a) above

Temporary/Preliminary NMs

L4447(P)/19 IRISH SEA — NORTH SEA — Works. Submarine cables.
Source: Alcatel Submarine Networks Marine

1. Work has begun laying the Havhingsten Subsea Cable in the Irish Sea and the North Sea.
2. Cable laying works are taking place between Rush, north of Dublin in Ireland, Port Erin and Port Grenaugh on the Isle of Man, and Blackpool on the west coast of England, joining the following approximate positions:

53° 32' ·63N. , 6° 04' ·72W.
53° 33' ·79N. , 5° 56' ·68W.
53° 44' ·66N. , 5° 20' ·24W.
53° 44' ·57N. , 5° 18' ·48W.
53° 50' ·98N. , 4° 59' ·38W.
53° 50' ·56N. , 4° 34' ·84W.
53° 50' ·02N. , 4° 15' ·05W.
53° 46' ·21N. , 3° 51' ·54W.
53° 45' ·71N. , 3° 44' ·65W.
53° 45' ·09N. , 3° 37' ·89W.
53° 44' ·45N. , 3° 35' ·51W.
53° 44' ·86N. , 3° 24' ·61W.
53° 45' ·27N. , 3° 23' ·64W.
53° 45' ·62N. , 3° 06' ·93W.
53° 46' ·56N. , 3° 03' ·46W.
and
53° 50' ·98N. , 4° 59' ·38W.
4. Cable laying works are taking place between Seaton Sluice, north of Newcastle Upon Tyne on the east coast of England and Nymindegab in Jutland, on the west coast of Denmark, joining the following approximate positions:

55° 05' ·25N., 1° 28' ·79W.
55° 05' ·78N., 1° 26' ·60W.
55° 05' ·70N., 1° 23' ·88W.
55° 11' ·17N., 1° 00' ·00W.
55° 16' ·10N., 0° 29' ·06W.
55° 15' ·72N., 0° 17' ·74W.
55° 19' ·68N., 0° 14' ·84E.
55° 18' ·73N., 0° 17' ·05E.
55° 35' ·40N., 2° 06' ·86E.
55° 58' ·24N., 3° 22' ·20E.
55° 57' ·01N., 3° 35' ·06E.
55° 56' ·69N., 3° 51' ·94E.
55° 59' ·22N., 3° 59' ·87E.
55° 56' ·76N., 4° 18' ·33E.
55° 59' ·89N., 4° 37' ·61E.
55° 53' ·45N., 5° 40' ·65E.
55° 52' ·33N., 6° 22' ·65E.
55° 54' ·83N., 6° 25' ·63E.
55° 50' ·61N., 7° 14' ·92E.
55° 49' ·21N., 7° 57' ·63E.
55° 46' ·03N., 8° 10' ·92E.
5. Mariners are advised to navigate with caution in these areas.
6. Charts will be updated when full details are available. (WGS84 DATUM)

Charts affected – SC5609, SC5612, SC5613, SC5614, SC5615 and SC5621

L4588/19 ENGLAND — West Coast — — Buoy.
Source: Ørsted
Note: Former Notice L4324(T)/18 is cancelled.

Chart: SC5613-14 ETRS89 DATUM
Delete $\text{Fl}(5)Y.20s$ 54° 00’ · 17N. , 3° 33’ · 61W.

L4597/19 WALES — North Coast — — Depths. Rock.
Source: Clinton Marine Survey

Chart: SC5613-23 ETRS89 DATUM
Replace depth, 6, with depth, 4$, and extend 5m contour E to enclose 53° 22’ · 7N. , 4° 14’ · 7W.

L5199/19 ENGLAND — West Coast — — Depths.
Source: Mersey Docks and Harbour Company

Chart: SC5613-4 (Panel A, Approach to Liverpool) ETRS89 DATUM
Insert depth, 4$, and extend 5m contour N to enclose (a) 53° 31’ · 31N. , 3° 11’ · 64W.
Delete depth, 5$, close SW of: (b) above
Insert depth, 4$, and extend 5m contour NE to enclose (b) 53° 31’ · 38N. , 3° 07’ · 71W.
Delete depth, 7$, close NW of: (c) above

Chart: SC5613-5 ETRS89 DATUM
Insert depth, 4$, and extend 5m contour W to enclose (a) 53° 23’ · 919N. , 2° 59’ · 882W.
Delete depth, 6$, close S of: (a) above
Insert depth, 7$, and extend 10m contour SW to enclose (b) 53° 23’ · 093N. , 2° 59’ · 758W.
Delete depth, 10$, close N of: (b) above

Chart: SC5613-6 ETRS89 DATUM
Insert depth, 7$, and extend 10m contour SW to enclose (a) 53° 23’ · 093N. , 2° 59’ · 758W.
Delete depth, 10$, close N of: (b) above
Insert depth, º, and extend 10m contour W to enclose (b) 53° 22'·918N. , 2° 59'·635W.
Delete depth, ¶, close S of (c) above

L5422/19 ENGLAND — West Coast — — Light.
Source: Peel Ports

Chart: SC5613·12 (Panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Delete ✯ Q(9)15s7m 54° 02'·061N. , 2° 54'·951W.

Temporary/Preliminary NMs
L5600(T)/19 ISLE OF MAN — — Beacon.
Source: Isle of Man Government Notice 13/19

1. The unlit beacon in position 54° 18'·84N. , 4° 21'·43W. has been destroyed.
2. Mariners are advised to navigate with caution in the area.(ETRS89 DATUM)

Charts affected – SC5613