L4451/20 ENGLAND — West Coast — — Harbour limit. Legends.
Source: ABP Silloth

Chart: SC5613·15 ETRS89 DATUM
Insert harbour limit, pecked line, joining:
(a) 54° 43'·62N. , 3° 35'·63W.
(b) 54° 48'·77N. , 3° 35'·66W.

legend, Port Limit of Silloth, along E side of: (a)-(b) above

Chart: SC5613·17 ETRS89 DATUM
Insert harbour limit, pecked line, joining:
(a) 54° 43'·62N. , 3° 35'·63W.
(b) 54° 48'·77N. , 3° 35'·66W.

legend, Port Limit of Silloth, along E side of: (a)-(b) above

L4743/20 IRISH SEA — — Wind farm.
Source: Ørsted and Trinity House

Chart: SC5613·23 ETRS89 DATUM
Insert limit of wind farm, pecked line, joining:
(a) 53° 59'·6N. , 3° 32'·9W.
(b) 54° 03'·4N. , 3° 45'·0W.
(c) 54° 06'·6N. , 3° 55'·4W.
(d) 54° 08'·3N. , 3° 55'·3W.
(e) 54° 09'·7N. , 3° 49'·5W.
(f) 54° 07'·9N. , 3° 41'·2W.
(g) 54° 06'·3N. , 3° 39'·2W.

symbol, wind farm, within: (a)-(g) above

Temporary/Preliminary NMs
L4747(P)/20 ENGLAND — West Coast — — Works. Buoyage.
Source: Ørsted and Trinity House

1. Construction works on the Walney Extension Wind Farm are now complete; buoyage marking the construction area has been removed.
2. The following light-buoys have been established:
<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Buoy Type</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q</td>
<td>North cardinal</td>
<td>54° 07'·88N., 3° 41'·17W.</td>
</tr>
<tr>
<td>VQ(6)+LFl.10s</td>
<td>South cardinal</td>
<td>54° 02'·88N., 3° 43'·00W.</td>
</tr>
<tr>
<td>Q(6)+LFl.15s</td>
<td>South cardinal</td>
<td>54° 04'·87N., 3° 48'·36W.</td>
</tr>
</tbody>
</table>

3. These changes will be included in New Chart 1320 to be published late 2020.
4. Charts 1826 and 1121 will be updated by Notice to Mariners.
5. Former Notice L3173(T)/20 is cancelled.

(ETRS89 DATUM)

Chart affected – SC5613

L4798/20 ENGLAND — West Coast — — NM Block. Note.
Source: Ørsted and Trinity House

Chart: SC5613-1 ETRS89 DATUM
Insert the accompanying block, centred on: 54° 05'·0N., 3° 45'·7W.

Page 2 of 80
L4948/20 WALES — North Coast — — Light.
Source: Trinity House

**Chart: SC5613-1 ETRS89 DATUM**
Amend light to, Fl.5s9M Horn(1)30s
53° 18' - 79N, 4° 02' - 52W.

**Chart: SC5613-23 ETRS89 DATUM**
Amend range of light to, 9M
53° 18' - 7N, 4° 02' - 6W.
L4970/20 ISLE OF MAN — — Spoil ground. Legend.
Source: CEFAS

Chart: SC5613-20 (Panel A, Isle of Man West Coast) ETRS89 DATUM
Insert limit of spoil ground, pecked line, joining:
(a) 54° 09'·50N., 4° 25'·60W.
(b) 54° 09'·00N., 4° 25'·60W.
54° 09'·00N., 4° 27'·30W.
54° 09'·50N., 4° 26'·50W.

legend, Spoil Ground, close E of:
(a)-(b) above

Chart: SC5613-21 (Panel A, Isle of Man East Coast) ETRS89 DATUM
Insert limit of spoil ground, pecked line, joining:
(a) 54° 09'·50N., 4° 25'·60W.
(b) 54° 09'·00N., 4° 25'·60W.
54° 09'·00N., 4° 27'·30W.
54° 09'·50N., 4° 26'·50W.

legend, Spoil Ground, close E of:
(a)-(b) above

Chart: SC5613-22 (Panel A, Isle of Man Douglas) ETRS89 DATUM
Insert limit of spoil ground, pecked line, joining:
(a) 54° 09'·187N., 4° 27'·000W
(b) 54° 09'·000N., 4° 27'·300W.
(c) 54° 09'·000N., 4° 26'·000W.

legend, Spoil Ground, within:
(a)-(c) above

L5471/20 ENGLAND — — West Coast — — Depths. Drying heights.
Source: Mersey Docks and Harbour Company

Chart: SC5613-4 (Panel A, Approach to Liverpool) ETRS89 DATUM
Insert drying height, 1_, and extend 0m low water line N to enclose
(a) 53° 31'·57N., 3° 08'·36W.
Delete depth, 3, close E of:
(a) above
Insert depth, 2, and extend 5m contour N to enclose
drying height, 1, and extend 0m low water line N to enclose
(b) 53° 31'·53N., 3° 08'·18W.
Delete depth, 1, close SW of:
(b) above
Replace depth, 7, with depth, 5,
53° 31'·53N., 3° 08'·09W.

Chart: SC5613-4 (Panel B, Crosby Channel to River Mersey) ETRS89 DATUM
Insert depth, 5
(a) 53° 26'·79N., 3° 01'·75W.
Delete depth, 6, close W of:
(a) above
Insert depth, 4, and extend 5m contour E to enclose
53° 26'·42N., 3° 01'·63W.
depth, $5$, and extend 5m contour E to enclose $(b) \ 53^\circ 26'\cdot 31N., \ 3^\circ 01'\cdot 60W.$
Delete depth, $7_e$, close E of: $(b)$ above

**Chart: SC5613·5 ETRS89 DATUM**
Insert depth, $5$, $(a) \ 53^\circ 26'\cdot 791N., \ 3^\circ 01'\cdot 752W.$
Delete depth, $6_e$, close W of: $(a)$ above
Insert depth, $4_e$, and extend 5m contour E to enclose $(b) \ 53^\circ 26'\cdot 418N., \ 3^\circ 01'\cdot 635W.$
Delete depth, $7_e$, close NE of: $(b)$ above
Insert depth, $5$, and extend 5m contour E to enclose $(c) \ 53^\circ 26'\cdot 310N., \ 3^\circ 01'\cdot 601W.$
Delete depth, $7_e$, close E of: $(c)$ above

---

**Notices to Mariners - Weekly Edition 46/2020 Irish Sea, Fleetwood to Douglas.**

**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 Walney Extension Wind Farm and depths from the latest British Government surveys. 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.

---

**L5692/20 WALES — North Coast — — Wrecks. Depth.**
Source: Ray Cramer and British Government Survey

**Chart: SC5613·1 ETRS89 DATUM**
Insert $\bigcirc Wk$ $(a) \ 53^\circ 23'\cdot 93N., \ 3^\circ 35'\cdot 82W.$
Delete depth, $70_e$, close SW of: $(a)$ above

**Chart: SC5613·3 ETRS89 DATUM**
Insert $\bigcirc Wk$ $\bigcirc Wk$
$53^\circ 23'\cdot 93N., \ 3^\circ 35'\cdot 82W.$
$53^\circ 26'\cdot 59N., \ 3^\circ 24'\cdot 83W.$
Temporary/Preliminary NMs

L5864(T)/20 ENGLAND — West Coast — — Scientific instruments. Buoyage.
Source: Port of Mostyn Notice 15/20

1. Scientific instruments marked by special light-buoys, Fl(5)Y.20s, have been established, until November 2021, in the following positions:

- 53° 21’·41N., 3° 17’·67W.
- 53° 22’·98N., 3° 14’·07W.
- 53° 25’·86N., 3° 24’·02W.
- 53° 26’·86N., 3° 15’·63W.

2. Mariners are advised to maintain a 50m exclusion from the marker buoys.

(ETRS89 DATUM)

Charts affected – SC5613

L5919/20 WALES — North Coast — — Drying height.
Source: Fugro GB Marine

Chart: SC5613·3 ETRS89 DATUM
Insert drying height, \(\theta\), enclosed by 0m low water line

\[53° 18’·36N., 3° 35’·81W.\]

L6043/20 ENGLAND — West Coast — — Automatic Identification System.
Source: Peel Ports

Note: Radar beacon remains unchanged. Former Notice L4499(T)/18 is cancelled.

Chart: SC5613·1 ETRS89 DATUM
Insert Automatic Identification System, \(AIS\), at light float

\[53° 31’·99N., 3° 21’·02W.\]

Chart: SC5613·3 ETRS89 DATUM
Insert Automatic Identification System, \(AIS\), at light float

\[53° 32’·02N., 3° 20’·98W.\]

Chart: SC5613·7 ETRS89 DATUM
Insert Automatic Identification System, \(AIS\), at light float

\[53° 32’·02N., 3° 20’·98W.\]

Chart: SC5613·23 ETRS89 DATUM
Insert Automatic Identification System, \(AIS\), at light float

\[53° 32’·0N., 3° 21’·1W.\]

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 Port Authority surveys. Mariners should therefore navigate with caution on sheets 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 and ABP Garston 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.

L797/21 ENGLAND — West Coast — — Depth. Drying height.
Source: Associated British Ports

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

<table>
<thead>
<tr>
<th>Insert</th>
<th>drying height, $\delta_2$, enclosed by 0m low water line</th>
<th>54° 48’ 86N, 3° 29’ 88W.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>depth, $\delta_1$, and extend 2m contour NE to enclose</td>
<td>54° 49’ 55N, 3° 29’ 39W.</td>
</tr>
</tbody>
</table>

L1044/21 ENGLAND — West Coast — — Light.
Source: Peel Ports Liverpool
Temporary/Preliminary NMs
L1147(P)/21 SCOTLAND — ENGLAND — WALES — NORTHERN IRELAND — Fishery limits.
Source: Department for Environment, Food and Rural Affairs

1. Following the introduction of the Fisheries Act 2020, the UK 6 and 12 nautical mile limits are determined by the Territorial Sea (Baselines) Order 2014 in accordance with the United Nations Convention on the Law of the Sea (UNCLOS).
2. Mariners are advised to check the ADMIRALTY website for further information www.admiralty.co.uk/maritime-safety-information/uk-fishery-limits.
3. The significant changes will be included on affected ADMIRALTY Products by New Edition from 1st April 2021.

Charts affected – SC5600, SC5603, SC5605, SC5608, SC5610, SC5612, SC5613, SC5614, SC5615, SC5620 and SC5621

Source: Trinity House

Chart: SC5613·3 ETRS89 DATUM
Insert Automatic Identification System, AIS, at platform 53° 32'·23N., 3° 34'·80W.

Chart: SC5613·7 ETRS89 DATUM
Insert Automatic Identification System, AIS, at platform 53° 32'·23N., 3° 34'·80W.

L1451/21 WALES — North Coast — — Buoy.
Source: UKHO and Trinity House

Chart: SC5613·3 ETRS89 DATUM
Replace Q.G Prestatyn with Q Prestatyn 53° 21'·37N., 3° 29'·00W.
Notices to Mariners - Weekly Edition 15/2021 International Chart Series, United Kingdom and Ireland, Irish Sea Western Part.

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 the UK fisheries limits. Mariners should therefore navigate with caution on sheets 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 SC5613-1 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 changes to the UK fisheries limits. 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 Liverpool Notice 17/21

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

| Insert | depth, $\varnothing$ | (a) 53° 31' 59N, 3° 08' 28W. |
| Delete | depth, $\varnothing$, close W of: | (a) above |
| Move | $\varnothing$ Q C5, from: | 53° 31' 62N, 3° 08' 69W. |
| to: | Fl.G.3s C7, from: | 53° 31' 65N, 3° 08' 68W. |
| | to: | 53° 31' 52N, 3° 08' 15W. |
| | | 53° 31' 54N, 3° 08' 11W. |
Temporary/Preliminary NMs

L1630(T)/21 WALES — North Coast — Buoy.
Source: Rhyl Flats Offshore Wind Farm Notice 3/21

1. The special light-buoy, Fl(5)Y.20s, in position 53° 22' ·89 N., 3° 36' ·11 W. is reported off station.
2. Mariners are advised to navigate with caution in the area.

(ETRS89 DATUM)

Charts affected – SC5613

L1899/21 ENGLAND – West Coast — Buoy.
Source: M.S Northern Wind

Chart: SC5613·2 ETRS89 DATUM
Move ⚫ , from: 54° 23' ·12N., 3° 30' ·75W.

Chart: SC5613·14 ETRS89 DATUM
Move ⚫ , from: 54° 23' ·12N., 3° 30' ·73W.

L1962/21 ENGLAND — West Coast — Depths.
Source: M.S Northern Wind

Chart: SC5613·14 ETRS89 DATUM
Insert depth, δ, and extend 10m contour N to enclose (a) 54° 13' ·72N., 3° 24' ·99W.
Delete depth, δ, close SE of: (a) above

L2172/21 ENGLAND — West Coast — Depths.
Source: ms Northern Wind and British Government Survey

Chart: SC5613·1 ETRS89 DATUM
Insert depth, 2, \( (a) \ 54^\circ 15' \cdot 14N. , 3^\circ 26' \cdot 24W. \)
Delete depth, 3, close N of: \( (a) \) above
Insert depth, 4, and extend 5m contour W to enclose \( (b) \ 54^\circ 07' \cdot 09N. , 3^\circ 19' \cdot 47W. \)
Delete depth, 7, close S of: \( (b) \) above
Insert depth, 6, 54° 06' \cdot 50N. , 3° 20' \cdot 21W.
depth, 8, and extend 10m contour W to enclose

<table>
<thead>
<tr>
<th>Chart: SC5613-2 ETRS89 DATUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert depth, 2, ( (a) \ 54^\circ 15' \cdot 14N. , 3^\circ 26' \cdot 24W. )</td>
</tr>
<tr>
<td>Delete depth, 3, close N of: ( (a) ) above</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chart: SC5613-14 ETRS89 DATUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert depth, 1, and extend danger line S to enclose ( (a) \ 54^\circ 20' \cdot 70N. , 3^\circ 28' \cdot 58W. )</td>
</tr>
</tbody>
</table>
Delete depth, 4, close NW of: \( (a) \) above
Insert depth, 7, and extend 10m contour SW to enclose \( (b) \ 54^\circ 20' \cdot 26N. , 3^\circ 28' \cdot 53W. \)
Delete depth, 6, close NE of: \( (b) \) above
Insert depth, 4, and extend 5m contour SW to enclose \( (c) \ 54^\circ 16' \cdot 36N. , 3^\circ 27' \cdot 27W. \)
Delete depth, 8, close SW of: \( (c) \) above
Insert depth, 7, and extend 10m contour W to enclose 54° 15' \cdot 16N. , 3° 26' \cdot 64W.
depth, 2, and extend 5m contour S to enclose \( (d) \ 54^\circ 15' \cdot 14N. , 3^\circ 26' \cdot 24W. \)
Delete depth, 3, close N of: \( (d) \) above
Insert depth, 4, enclosed by 5m contour \( (e) \ 54^\circ 07' \cdot 09N. , 3^\circ 19' \cdot 47W. \)
Delete depth, 7, close SW of: \( (e) \) above
Insert depth, 6, 54° 06' \cdot 50N. , 3° 20' \cdot 21W.
depth, 5, enclosed by 5m contour 54° 06' \cdot 16N. , 3° 19' \cdot 46W.
depth, 8, and extend 10m contour W to enclose \( (f) \ 54^\circ 05' \cdot 74N. , 3^\circ 19' \cdot 47W. \)
Delete depth, 9, close E of: \( (f) \) above

Temporary/Preliminary NMs
L2087(T)/21 WALES — North Coast —— Buoy. Restricted area.
Source: MarineSpace

1. A yellow pillar buoy, Fl.Y.5s, has been established, until further notice, to mark an exposed loop of cable in position 53° 23' ·09N. , 3° 35' ·48W.
2. Mariners are requested to observe a 500m safety exclusion zone around this buoy.

(ETRS89 DATUM)
Charts affected—SC5609 and SC5613

L2254/21 ENGLAND — West Coast — — Depth.  
Source: ms Northern Wind

Chart: SC5613·14 ETRS89 DATUM

Insert depth, $\theta$, enclosed by 10m contour  
$54^\circ 05' - 36N., 3^\circ 19' - 87W.$

L2276/21 WALES — North Coast — — Buoy.  
Source: Briggs Marine  
*Note: Former Notice L2087(T)/21 is cancelled.

Chart: SC5613·1 ETRS89 DATUM

Insert $VQ$  
$53^\circ 23' - 05N., 3^\circ 35' - 48W.$

Chart: SC5613·3 ETRS89 DATUM

Insert $VQ$  
$53^\circ 23' - 05N., 3^\circ 35' - 48W.$

L2316/21 ENGLAND — West Coast — — Spoil ground. Legend.  
Source: CEFAS

Chart: SC5613·5 ETRS89 DATUM

Insert limit of spoil ground, pecked line, joining:  
$53^\circ 23' - 162N., 2^\circ 59' - 044W.$  
$53^\circ 23' - 145N., 2^\circ 59' - 156W.$  
(a) $53^\circ 23' - 131N., 2^\circ 59' - 176W.$  
(b) $53^\circ 23' - 089N., 2^\circ 59' - 107W.$  
$53^\circ 23' - 146N., 2^\circ 59' - 010W.$

legend, *Spoil Ground*, close SW of:  
(a)-(b) above

Chart: SC5613·6 ETRS89 DATUM

Insert limit of spoil ground, pecked line, joining:  
$53^\circ 23' - 162N., 2^\circ 59' - 044W.$  
$53^\circ 23' - 145N., 2^\circ 59' - 156W.$  
(a) $53^\circ 23' - 131N., 2^\circ 59' - 176W.$  
(b) $53^\circ 23' - 089N., 2^\circ 59' - 107W.$  
$53^\circ 23' - 146N., 2^\circ 59' - 010W.$
Source: ms Northern WInd

Chart: SC5613-1 ETRS89 DATUM
Insert

54° 13'.53N., 3° 28'.14W.

Chart: SC5613-2 ETRS89 DATUM
Insert depth, S
Delete depth, S, close S of:

(a) 54° 18'.66N., 3° 28'.38W.

Chart: SC5613-14 ETRS89 DATUM
Insert drying height, 0, and extend low water line W to enclose depth, S
Delete depth, S, close S of:
Insert depth, 4, and extend 5m contour SE to enclose
Insert drying height, 0, and extend 0m low water line SW to enclose
Delete depth, 0, close NE of:
Insert drying height, 0, and extend low water line NE to enclose

L2657/21 ENGLAND — West Coast — — Depths.
Source: Mersey Docks and Harbour Company

Chart: SC5613-5 ETRS89 DATUM
Replace depth, 7, with depth, 7

53° 24'.018N., 3° 00'.565W.

Chart: SC5613-6 ETRS89 DATUM
Insert depth, 1, enclosed by 2m approximate contour
Delete depth, 3, close SW of:
Insert depth, 2

(a) 53° 22'.765N., 2° 58'.962W.
(b) 53° 22'.645N., 2° 58'.873W.
Temporary/Preliminary NM

**L2636(T)/21 WALES — North Coast — — Scientific instruments. Buoyage.**

Source: Aberystwyth University

1. Scientific instruments, marked by yellow buoys, have been established 2m below the water level in the following positions:

   53° 28' ·29N. , 3° 33' ·20W.
   53° 29' ·10N. , 3° 47' ·54W.

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

   (ETRS89 DATUM)

**Charts affected – SC5613**

---

**L2828/21 WALES — West Coast — — Buoy. Automatic Identification System.**

Source: Minesto

*Note: Former Notice L2834(T)/20 is cancelled.*

**Chart: SC5613·2 ETRS89 DATUM**

*Delete*  $\square$ \textit{F(I)}Y.\textit{15s} and associated \textbf{Automatic Identification System, AIS}  \begin{tabular}{l}
   53° 17' ·80N. , 4° 47' ·76W.
\end{tabular}

**Chart: SC5613·23 ETRS89 DATUM**

*Delete*  $\square$ \textit{F(I)}Y.\textit{15s} and associated \textbf{Automatic Identification System, AIS}  \begin{tabular}{l}
   53° 17' ·8N. , 4° 47' ·8W.
\end{tabular}

---

**L3233/21 WALES — West Coast — — Restricted area. Obstruction.**

Source: Minesto NM 9/21

*Note: Retain associated Tidal Energy Device legend and mooring ground tackle.*
L3299/21 WALES — North Coast — — Buoy.
Source: RWE Renewables Ltd

Chart: SC5613·3 ETRS89 DATUM
Move  Fl(Y).20s, from:
      to:

53°17'·8N. , 4°47'·8W.

L3418/21 WALES — North Coast — — Restricted area. Legend.
Source: Historic England

Chart: SC5613·1 ETRS89 DATUM
Insert  legend, Historic Wreck (see Note), at wreck

53°29'·25N. , 3°23'·04W.

Chart: SC5613·3 ETRS89 DATUM
Insert  circular limit of restricted area, radius 200m,  ，  centre:
legend, Historic Wreck (see Note), close S of:

(a) 53°29'·25N. , 3°23'·04W.

(a) above

L3674/21 ENGLAND — West Coast — — Lights. Landmark.
Source: Maryport Harbour Authority

Chart: SC5613·16 (Panel E, Maryport Harbour) ETRS89 DATUM
Insert  Fl.R.3s 54°43'·051N. , 3°30'·461W.
      Fl.R.5s 54°42'·982N. , 3°30'·203W.
      Fl.G.5s 54°42'·944N. , 3°30'·248W.

Replace Old Lt Ho with  Fl.G.3s

54°43'·016N. , 3°30'·457W.

L3749/21 ENGLAND — West Coast — — Buoyage. Legends.
Source: Spirit Energy

Chart: SC5613·1 ETRS89 DATUM
Insert legend, Marked by 4 cardinal buoys, centred on:

53° 52'·10N., 3° 32'·37W.
53° 49'·17N., 3° 35'·71W.

**Chart: SC5613·9 ETRS89 DATUM**

Insert

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q</td>
<td></td>
<td>53° 52'·73N., 3° 33'·75W.</td>
</tr>
<tr>
<td>Q(3)10s</td>
<td></td>
<td>53° 52'·52N., 3° 33'·39W.</td>
</tr>
<tr>
<td>Q(6)+LFl.15s</td>
<td></td>
<td>53° 52'·30N., 3° 33'·75W.</td>
</tr>
<tr>
<td>Q(9)15s</td>
<td></td>
<td>53° 52'·51N., 3° 34'·12W.</td>
</tr>
<tr>
<td>Q</td>
<td></td>
<td>53° 49'·17N., 3° 33'·71W.</td>
</tr>
<tr>
<td>Q(3)10s</td>
<td></td>
<td>53° 48'·95N., 3° 33'·34W.</td>
</tr>
<tr>
<td>Q(6)+LFl.15s</td>
<td></td>
<td>53° 48'·74N., 3° 33'·70W.</td>
</tr>
<tr>
<td>Q(9)15s</td>
<td></td>
<td>53° 48'·95N., 3° 34'·07W.</td>
</tr>
</tbody>
</table>

---

L3876/21 WALES — North Coast — — Wreck.
Source: Clinton Marine Survey

**Chart: SC5613·1 ETRS89 DATUM**

Replace 23, Wk with 20, Wk

53° 35'·00N., 3° 50'·44W.

---

L4187/21 ENGLAND — West Coast — — Obstruction.
Source: Peel Ports

**Chart: SC5613·4 (Panel B, Crosby Channel to River Mersey) ETRS89 DATUM**

Delete Obstn

53° 30'·34N., 3° 05'·80W.

---

L4285/21 IRISH SEA — — Lights. Fog signals.
Source: Orsted

**Chart: SC5613·1 ETRS89 DATUM**

Delete Light, Fl.Y.5s

(a) 54° 02'·30N., 3° 33'·57W.
54° 03'·19N., 3° 36'·13W.

(b) 54° 03'·60N., 3° 38'·32W.

Page 16 of 80
fog signal, Horn, at light

Chart: SC5613-14 ETRS89 DATUM
Delete Light, Fl.Y.5s

fog signal, Horn(1)30s, at light

Temporary/Preliminary NMs
Source: Boskalis Westminster Ltd.

1. Dredging works are taking place for the Bramley Moore Dock Project.
2. A floating pipeline, marked by 3 lights, Fl.Y.5s, exists between the following positions:

   53° 25' ·450N, 3° 00' ·362W.
   53° 25' ·430N, 3° 00' ·678W.

3. A mooring system of anchors and chains which extends from the floating pipeline has been established in the following positions:

   53° 25' ·433N, 3° 00' ·640W.
   53° 25' ·465N, 3° 00' ·556W.
   53° 25' ·469N, 3° 00' ·481W.
   53° 25' ·418N, 3° 00' ·472W.
   53° 25' ·412N, 3° 00' ·547W.

4. A special buoy, Iso.Y.8s, has been established in position 53° 25' ·319N, 3° 00' ·668W.
5. Mariners are advised to navigate with caution in the area and consult the local port authorities for the latest information.

(ETRS89 DATUM)
Chart affected – SC5613

L4646/21 ENGLAND — West Coast — — Depths. Drying heights.
Source: Mersey Docks and Harbour Company

Chart: SC5613·4 (Panel A, Approaches to Liverpool) ETRS89 DATUM
Insert depth, $1f_3$  
Delete depth, $1f_6$, close W of:  
Insert depth, $9$, and extend 10m contour N to enclose drying height, $2$, enclosed by 2m drying contour  
Delete drying height, $f_6$, close N of:  
Insert drying height, $f_6$, and extend 0m low water line NE to enclose drying height, $Q$, enclosed by 0m low water line  

(a) $53^\circ 31' \cdot 69N. , 3^\circ 10' \cdot 03W.$  
(a) above  
$53^\circ 31' \cdot 52N. , 3^\circ 08' \cdot 62W.$  
(b) above  
$53^\circ 31' \cdot 09N. , 3^\circ 07' \cdot 41W.$

Chart: SC5613·4 (Panel B, Crosby Channel to River Mersey) ETRS89 DATUM
Insert drying height, $f_4$, and extend 0m low water line NE to enclose  
53° 31’·18N. , 3° 07’·61W.  
drying height, $Q$, enclosed by 0m low water line  
53° 31’·09N. , 3° 07’·41W.

L4806/21 WALES — West Coast — — Obstructions.
Source: Minesto UK Ltd

Chart: SC5613·23 ETRS89 DATUM
Replace $\mathbb{12}$Obstn with $\mathbb{20}$Obstn  
$53^\circ 17' \cdot 8N. , 4^\circ 47' \cdot 8W.$

Temporary/Preliminary NMs
L4984(P)/21 SCOTLAND — West Coast — — Submarine cables.
Source: Global Marine Group

1. Two submarine cables are being laid between Girvan and Larne, and Portpatrick and Templepatrick, joining the following positions:

- $54^\circ 52' \cdot 90N. , 5^\circ 50' \cdot 29W.$
- $54^\circ 54' \cdot 47N. , 5^\circ 46' \cdot 43W.$
- $54^\circ 54' \cdot 62N. , 5^\circ 39' \cdot 24W.$


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

(ETRS89 DATUM)

**Charts affected – SC5610, SC5612 and SC5613**

The Notice to Mariners (NMs) listed below apply to the previous edition of SC5613 (3rd Edition) published on 15th May 2015. The 3rd Edition of this product dated 15th May 2015 has been withdrawn and superseded by a New Edition of the same title. Navigational and safety related changes have been incorporated in the New Edition. It must be fully understood that use of the information attached will enable updating of the 3rd Edition to the point at which it was withdrawn (10th September 2020). It is strongly recommended that the latest available edition of the product should be used.

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

Chart: SC5613-23 WGS84 DATUM

Insert depth, 14", 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

\begin{align*}
&Q(9)15s \\
&VQ \\
&VQ(9)10s
\end{align*}

\begin{align*}
&54° 06' .23 N., 3° 39' .73 W. \\
&54° 04' .92 N., 3° 32' .15 W. \\
&54° 03' .68 N., 3° 39' .68 W. \\
&54° 02' .23 N., 3° 34' .12 W.
\end{align*}

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>FLY-2-5s2M</td>
<td></td>
<td>53° 59'.36N., 3° 32'.44W.</td>
</tr>
<tr>
<td>A06</td>
<td>FLY-5s5M</td>
<td></td>
<td>53° 58'.51N., 3° 31'.40W.</td>
</tr>
<tr>
<td>A09</td>
<td>FLY-2-5s2M</td>
<td></td>
<td>53° 57'.65N., 3° 30'.36W.</td>
</tr>
<tr>
<td>A12</td>
<td>FLY-5s5M</td>
<td>Horn 30s</td>
<td>53° 56'.77N., 3° 29'.28W.</td>
</tr>
<tr>
<td>E14</td>
<td>FLY-5s5M</td>
<td></td>
<td>53° 56'.71N., 3° 25'.82W.</td>
</tr>
<tr>
<td>E14</td>
<td>FLY-5s5M</td>
<td></td>
<td>53° 56'.85N., 3° 25'.10W.</td>
</tr>
<tr>
<td>H13</td>
<td>FLY-2-5s2M</td>
<td></td>
<td>53° 57'.45N., 3° 24'.28W.</td>
</tr>
<tr>
<td>H12</td>
<td>FLY-5s5M</td>
<td>Horn 30s</td>
<td>53° 58'.05N., 3° 23'.37W.</td>
</tr>
<tr>
<td>K02</td>
<td>FLY-5s5M</td>
<td></td>
<td>54° 01'.15N., 3° 26'.07W.</td>
</tr>
<tr>
<td>K06</td>
<td>FLY-5s5M</td>
<td></td>
<td>53° 59'.09N., 3° 24'.76W.</td>
</tr>
<tr>
<td>K10</td>
<td>FLY-5s5M</td>
<td></td>
<td>53° 58'.76N., 3° 23'.38W.</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
L4069/15 ENGLAND — West Coast — River Lune — Buoy.
Source: Lancaster Port Commission Notice 8/15

Chart: SC5613-12 (panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Move Q.R No 6, from: 53° 58'·63N., 2° 54'·68W.
to: 53° 58'·67N., 2° 54'·25W.

L4070/15 ENGLAND — West Coast — Heysham Harbour and Approaches — Depths.
Source: Heysham Port Ltd

Chart: SC5613-12 (panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Insert depth, 2, and extend 5m contour W to enclose (a) 54° 02'·04N., 2° 55'·65W.
drying height, 2h, enclosed by 0m low water line (b) 54° 01'·82N., 2° 55'·93W.
drying height, 2h, enclosed by 0m low water line (c) 54° 01'·73N., 2° 55'·99W.
Delete depth, 1, close NW of: (a) above

L4207/15 ENGLAND — West Coast — River Ribble — Light.
Source: Preston City Council

Chart: SC5613-7 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: SC5613-8 (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


Delete

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

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

L4946/15 WALES — North Coast — River Dee — Depths.
Source: Port of Mostyn Harbour Master

Chart: SC5613-3 ETRS89 DATUM
Insert

Delete

L4946/15 WALES — North Coast — River Dee — Depths.
Source: Port of Mostyn Harbour Master

Chart: SC5613-3 ETRS89 DATUM
Insert

Delete


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’·00N., 3° 34’·00W.

Chart: SC5613·15 ETRS89 DATUM
Insert \(\bigcirc\), direction of vessel movement 023°  (a) 54° 42’·00N., 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’·00N., 3° 34’·00W.
legend, (see Note), close W of:  (a) above


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.

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.


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 \( \text{Fl(2)Y.5s} \)

Delete \( \star \text{F.G} \)

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, $D$, enclosed by 2m contour $53° 57'·52"$N., $3° 01'·68"$W.
drying height, $D_h$ enclosed by 0m low water line $(a)\ 53° 57'·43"$N., $3° 01'·66"$W.
drying height, $D_s$ enclosed by 0m low water line $(b)\ 53° 56'·72"$N., $3° 01'·35"$W.
Delete depth, $Z$, close N of: $(a)$ above
depth, $Z_s$, 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 NPPOWER 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) $53° 28'·7"$N., $3° 30'·5"$W.

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 $53° 28'·7"$N., $5° 25'·4"$W.
L394/16  ISLE OF MAN — Ballacash Bank — Buoy.
Source: Northern Lighthouse Board Notice 22/15

Chart: SC5613-2 ETRS89 DATUM
Insert \[ VQ(9)10s \] 54° 26’ 50N., 4° 16’ 70W.

Chart: SC5613-21 (panel A, Isle of Man East Coast) ETRS89 DATUM
Insert \[ VQ(9)10s \] 54° 26’ 50N., 4° 16’ 70W.

Chart: SC5613-23 WGS84 DATUM
Insert \[ VQ(9)10s \] 54° 26’ 5N., 4° 16’ 6W.

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 \[ \bigcirc Obstn \] 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 \[ \bigcirc Obstn \] 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

<table>
<thead>
<tr>
<th>Bathy Type</th>
<th>Designation</th>
<th>Character</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wk</td>
<td></td>
<td></td>
<td>54° 45'·91N., 4° 48'·89W.</td>
</tr>
</tbody>
</table>

Chart: SC5613·19 (panel A, Wigtown Bay to Luce Bay) ETRS89 DATUM
Insert

<table>
<thead>
<tr>
<th>Bathy Type</th>
<th>Designation</th>
<th>Character</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wk</td>
<td></td>
<td></td>
<td>54° 45'·91N., 4° 48'·89W.</td>
</tr>
</tbody>
</table>

Chart: SC5613·23 WGS84 DATUM
Insert

<table>
<thead>
<tr>
<th>Bathy Type</th>
<th>Designation</th>
<th>Character</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wk</td>
<td></td>
<td></td>
<td>(a) 54° 45'·9N., 4° 48'·9W.</td>
</tr>
</tbody>
</table>

Delete close NE of:

<table>
<thead>
<tr>
<th>Bathy Type</th>
<th>Designation</th>
<th>Character</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wk</td>
<td></td>
<td></td>
<td>(a) above</td>
</tr>
</tbody>
</table>

Temporary/Preliminary NMs
Source: Tom Watson

1. — 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:
2. 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.

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

| North Cardinal | NM4 | \( Q \) | 53° 30’ - 32N., 3° 22’ - 76W. |
| Special | NM2 | Fl.5s | 53° 30’ - 36N., 3° 18’ - 25W. |
| Special | NM3 | Fl.2.5s | 53° 30’ - 38N., 3° 14’ - 07W. |
| South Cardinal | NM4 | Q(6)+LFL 15s | 53° 27’ - 62N., 3° 11’ - 59W. |
| Special | NM5 | ELY.2.5s | 53° 27’ - 61N., 3° 15’ - 15W. |
| South Cardinal | NM6 | VQ(6)+LFL 10s | 53° 27’ - 60N., 3° 18’ - 77W. |
| Special | NM7 | Fl.2.5s | 53° 28’ - 97N., 3° 21’ - 00W. |

4. Charts will be updated when full details are available.

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

Charts affected – SC5613

L2701/16 ENGLAND — West Coast — Liverpool — New Brighton NE — Buoy.
Source: National Oceanography Centre

Chart: SC5613·4 (panel B, Crosby Channel to River Mersey) ETRS89 DATUM
Delete  
Fl(5)Y.20s  
53° 26’·55N., 3° 02’·11W.

Chart: SC5613·5 ETRS89 DATUM
Delete  
Fl(5)Y.20s  
53° 26’·554N., 3° 02’·111W.

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

depth, 2, enclosed by 2m contour

(b) 54° 01’·972N. , 2° 55’·666W.

depth, 0, enclosed by 0m low water line

(a) 54° 01’·931N. , 2° 55’·853W.

Delete depth, 4, close NW of:

(b) above

(a) above


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.


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.

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:

submarine power cable, \( \sim \sim \sim \sim \sim \), joining:

(g) 53° 27’·78N. , 3° 19’·06W.
   (wind farm limit)
(h) 53° 21’·98N. , 3° 28’·52W.
(i) 53° 21’·11N. , 3° 28’·95W.
(j) 53° 19’·98N. , 3° 26’·95W.
   (shore)

Legend, Planned, along:

(a)-(f) above

L4072/16 WALES — North Coast — Liverpool Bay — Buoy. Source: Trinity House

Chart: SC5613·1 ETRS89 DATUM

Delete \( \frac{1}{4} \) 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
\[ Q \text{ RFWF1} \] 53° 23'·10N. , 3° 36'·25W.
\[ F.G. 2·5s \text{ RFWF2} \] 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  \[ \text{SEA 3 light-buoy to, F.G.2·5s} \] 54° 00'·56N. , 3° 12'·91W.

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

Chart: SC5613·6 ETRS89 DATUM
Insert  \[ \bigcirc \text{Obstn, drying height } \frac{5}{2} \] 53° 19'·402N. , 2° 56'·949W.
Replace  \[ \Box , \text{ with } \bigcirc \text{Obstn, drying height } \frac{3}{2} \] 53° 19'·582N. , 2° 57'·000W.
Replace  \[ \Box , \text{ with } \bigcirc \text{Obstn, drying height } \frac{4}{2} \] 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  \[ Fl.R.5s \text{ No 18, from:} \] 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
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  
53° 24'·314N., 2° 59'·923W.  
(a) 53° 24'·314N., 2° 59'·923W.  
(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.

L5764/16  ENGLAND — West Coast — River Mersey - Belfast Ferry Terminal,  
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.  
Fl.R.3s E4, from:  
53° 21'·36N. , 2° 57'·84W.  
53° 20'·847N. , 2° 57'·738W.  
53° 20'·86N. , 2° 57'·64W.

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

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,  
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.
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.
53° 31'·79N., 3° 33'·01W.
53° 31'·43N., 3° 34'·20W.
53° 31'·53N., 3° 35'·36W.
53° 32'·32N., 3° 36'·18W.
(W border)

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 53° 26'·94N., 3° 24'·69W.
Chart: SC5613-3 ETRS89 DATUM
Insert 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  
STAR 2F.R (vert)  53° 27'·31N., 3° 01'·68W.

Move  
F2 R C22, from:  53° 27'·58N., 3° 02'·34W.

to:  53° 27'·40N., 3° 02'·00W.

Chart: SC5613·5 ETRS89 DATUM

Insert  
STAR 2F.R (vert)  53° 27'·31N., 3° 01'·68W.

53° 27'·002N., 3° 01'·135W.

Temporary/Preliminary NMs
L495(P)/17 ENGLAND — West Coast — Approaches to Morecambe Bay — Walney Offshore Wind Farm Extension — Works. Wind farm. Submarine cables.
Source: Dong Energy

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>Q</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>Q(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>Q(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


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, F(5)Y.20s (2 buoys) PA 53° 31’·98N. , 3° 21’·79W.
Delete grey spherical buoy, F(5)Y.20s 53° 32’·00N. , 3° 21’·19W.

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

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

Chart: SC5613·5 ETRS89 DATUM
Delete ⬇️ \( F(3)Y.2s \) 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’·599N., 4° 27’·947W, 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 ⬆️ \( Fl(5)Y.20s \) 53° 54’·24N., 3° 19’·00W.

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

Chart: SC5613·11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM
Insert ⬆️ \( Fl(5)Y.20s \) 53° 59’·20N., 3° 01’·37W.
Chart: SC5613·12 (Panel A, Approaches to Glasson and Heysham) ETRS89 DATUM

Insert $F(5)Y.20s$ $53°\ 59'\ 20N.,\ 3°\ 01'\ 37W.$

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**Notices to Mariners - Weekly Edition 15/2017 Irish Sea, Fleetwood to Douglas.**

**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.

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**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.

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**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
Delete ☀ F(5)Y.20s 53° 29’ ·10N. , 3° 15’ ·53W.

L2337/17 ENGLAND — West Coast — Fleetwood — Buoy.
Source: Trinity House

Chart: SC5613·10 ETRS89 DATUM
Move ☁ F(2)G.5s King Scar, from: 53° 56’ ·97N. , 3° 04’ ·40W.
to: 53° 57’ ·05N. , 3° 04’ ·74W.

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: 54° 08’ ·845N. , 4° 28’ ·076W.
G 225°-327° (102°)


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 Ardnell Bay — Submarine power cable.
Source: AWJ Marine

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

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

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.


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.


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, 3., and extend 5m contour N to enclose (a) 54° 13'·688N., 4° 41'·805W.
depth, 4., and extend 5m contour NE to enclose 54° 13'·639N., 4° 41'·775W.
Delete depth, 4., close SW of: (a) above

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

Chart: SC5613-5 ETRS89 DATUM
Delete fog signal, Horn(3+3)15s, at light 53° 24’·314N., 2° 59’·923W.

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, Fl.Y.4s, marking a section of exposed gas pipeline, have been temporarily established in the following positions:
   53° 22’·26N., 3° 22’·07W.
   53° 22’·16N., 3° 22’·22W.

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

Charts affected – 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, Fl(5)Y.20s 53° 47’·69N., 3° 08’·27W.
   Fl(5)Y.20s 53° 32’·31N., 3° 13’·71W.
Delete Fl(5)Y.20s 53° 49’·00N., 3° 07’·57W.

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

Chart: SC5613-7 ETRS89 DATUM
L366/18 ENGLAND — West Coast — Lightning Knoll SW — Buoy.
Source: ABP Barrow Notice 40/17
Chart: SC5613-10 ETRS89 DATUM
Amend

SEA 1 light-buoy to, Q.G
53° 59'·75N. , 3° 14'·09W.

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, $D_1$, enclosed by 0m low water line
(a) 54° 48'·59N. , 3° 30'·46W.
Delete
depth, $3_1$, close NW of:
(a) above

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, $D_2$, with drying height, $D_3$
53° 52'·09N. , 3° 03'·57W.

Chart: SC5613-10 ETRS89 DATUM
Insert
drying height, $D_0$
(a) 53° 56'·77N. , 3° 02'·98W.
drying height, $D_4$
53° 56'·46N. , 3° 02'·60W.
drying height, $D_6$
53° 56'·05N. , 3° 02'·33W.
Delete
drying height, $D_5$, close SW of:
(a) above
Chart: SC5613·11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM
Insert drying height, $\delta_5$ 53° 56' 05N., 3° 02' 33W.
drying height, $\delta_6$ 53° 55' 14N., 3° 00' 53W.
Replace drying height, $\delta_5$, with drying height, $\delta_6$
drying height, $\delta_6$ with drying height, $\delta_7$
Replace drying height, $\delta_6$, with drying height, $\delta_7$
drying height, $\delta_7$ with drying height, $\delta_8$
Replace drying height, $\delta_6$, with drying height, $\delta_7$
drying height, $\delta_7$ with drying height, $\delta_8$

Chart: SC5613·11 (Panel B, River Wyre Fleetwood to Skippool) ETRS89 DATUM
Insert drying height, $\delta_5$ 53° 56' 05N., 3° 02' 33W.
drying height, $\delta_6$ 53° 55' 14N., 3° 00' 53W.
Replace drying height, $\delta_5$, with drying height, $\delta_6$
drying height, $\delta_6$ with drying height, $\delta_7$
drying height, $\delta_7$ with drying height, $\delta_8$
Replace drying height, $\delta_6$, with drying height, $\delta_7$
drying height, $\delta_7$ with drying height, $\delta_8$, and extend 2m drying contour W to enclose

53° 54' 56N., 3° 00' 25W.

Chart: SC5613·11 (Panel C, Fleetwood) ETRS89 DATUM
Insert drying height, $\delta_5$ 53° 55' 14N., 3° 00' 53W.
Replace drying height, $\delta_5$, with drying height, $\delta_6$
drying height, $\delta_6$ with drying height, $\delta_7$
Replace drying height, $\delta_6$, with drying height, $\delta_7$
drying height, $\delta_7$ with drying height, $\delta_8$

Chart: SC5613·23 ETRS89 DATUM
Delete $\swarrow F(5)Y.20s$ 53° 13' 0N., 4° 43' 4W.

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

Chart: SC5613·23 ETRS89 DATUM
Delete $\swarrow Q.Y(2 buoys)$ 53° 45' 09N., 4° 00' 09W.

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

Chart: SC5613·1 ETRS89 DATUM
Delete $\swarrow Q.Y(2 buoys)$ 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’·9N. , 5° 30’·6W.

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

Chart: SC5613·1 ETRS89 DATUM
Insert FFl(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.
Delete 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.
Delete 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.
Delete 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' ·37 N., 3° 02' ·89 W. (shore)
- 53° 52' ·37 N., 3° 03' ·80 W.
- 53° 52' ·13 N., 3° 03' ·87 W.
- 53° 51' ·71 N., 3° 06' ·30 W.
- 53° 51' ·60 N., 3° 06' ·25 W.
- 53° 52' ·18 N., 3° 02' ·91 W. (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

\[ F \]

53° 17’·8 N., 4° 47’·8 W.

---

**Notices to Mariners - Weekly Edition 27/2018 Scotland - South Coast, Kirkcudbright Bay.**  

**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.

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**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’·65 N., 2° 57’·79 W.

to: 53° 58’·75 N., 2° 57’·76 W.
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 Fl(5)Y.20s 53° 54'·24N., 3° 19'·00W.

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

Chart: SC5613·10 ETRS89 DATUM
Delete Fl(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>
<tr>
<td>* 0.4m</td>
<td>53° 27' 204N., 3° 02' 890W.</td>
</tr>
<tr>
<td>* 1.8m</td>
<td>53° 23' 176N., 2° 59' 506W.</td>
</tr>
<tr>
<td>* 1.2m</td>
<td>53° 22' 888N., 2° 59' 276W.</td>
</tr>
<tr>
<td>* 2m</td>
<td>53° 22' 666N., 2° 59' 096W.</td>
</tr>
<tr>
<td>* 1.1m</td>
<td>53° 22' 450N., 2° 58' 534W.</td>
</tr>
<tr>
<td>* 3.9m</td>
<td>53° 21' 641N., 2° 58' 203W.</td>
</tr>
<tr>
<td>* 1.9m</td>
<td>53° 21' 620N., 2° 58' 237W.</td>
</tr>
<tr>
<td>* 3.5m</td>
<td>53° 21' 603N., 2° 58' 063W.</td>
</tr>
<tr>
<td>1.7m</td>
<td>53° 21' 547N., 2° 57' 990W.</td>
</tr>
<tr>
<td>* 0m</td>
<td>53° 21' 491N., 2° 58' 150W.</td>
</tr>
<tr>
<td>* 1.5m</td>
<td>53° 21' 505N., 2° 57' 916W.</td>
</tr>
<tr>
<td>* 0.9m</td>
<td>53° 21' 452N., 2° 57' 793W.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drying height</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>* 0.7m</td>
<td>53° 31' 64N., 3° 08' 88W.</td>
</tr>
<tr>
<td>* 1m</td>
<td>53° 31' 57N., 3° 08' 77W.</td>
</tr>
<tr>
<td>* 0.2m</td>
<td>53° 31' 15N., 3° 07' 56W.</td>
</tr>
<tr>
<td>* 0.4m</td>
<td>53° 23' 140N., 2° 59' 364W.</td>
</tr>
<tr>
<td>* 0.7m</td>
<td>53° 23' 086N., 2° 59' 311W.</td>
</tr>
<tr>
<td>* 0.6m</td>
<td>53° 22' 938N., 2° 59' 232W.</td>
</tr>
<tr>
<td>* 0.4m</td>
<td>53° 22' 304N., 2° 58' 289W.</td>
</tr>
<tr>
<td>* 2.1m</td>
<td>53° 22' 229N., 2° 58' 148W.</td>
</tr>
<tr>
<td>* 0.3m</td>
<td>53° 21' 364N., 2° 57' 709W.</td>
</tr>
<tr>
<td>* 0.3m</td>
<td>53° 21' 226N., 2° 57' 769W.</td>
</tr>
<tr>
<td>* 0.3m</td>
<td>53° 21' 071N., 2° 57' 600W.</td>
</tr>
<tr>
<td>* 0.7m</td>
<td>53° 21' 064N., 2° 57' 520W.</td>
</tr>
<tr>
<td>* 1.5m</td>
<td>53° 21' 139N., 2° 57' 418W.</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.
53° 55'·29N., 3° 20'·85W.

Chart: SC5613·9 ETRS89 DATUM
Insert submarine power cable, ~~~ ~~~, joining:

53° 55'·80N., 3° 27'·00W.
53° 55'·21N., 3° 21'·98W.
53° 54'·40N., 3° 13'·74W.
53° 54'·19N., 3° 13'·05W.
53° 54'·25N., 3° 12'·60W.
53° 55'·80N., 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.

Chart: SC5613·14 ETRS89 DATUM
Delete legend, Planned, centred on:

53° 56'·04N., 3° 08'·21W.

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° 56'·74N., 3° 31'·58W.
53° 56'·09N., 3° 30'·00W.
53° 54'·39N., 3° 13'·71W.
53° 54'·20N., 3° 12'·95W.
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 ~ Fl.G.5s
54° 52' ·39N., 3° 23' ·69W.

L4286/18 ISLE OF MAN — — Legend.
Source: Isle of Man Harbours Notice 14/18

Chart: SC5613·20 (Panel A, Isle of Man West Coast) ETRS89 DATUM
Delete legend, Buoyed; centred on:
54° 04' ·97N., 4° 48' ·29W.

L4289/18 WALES — West Coast — — Automatic Identification System.
Source: Trinity House

Chart: SC5613·23 ETRS89 DATUM
Insert Automatic Identification System, AIS, at light-buoy
53° 17' ·8N., 4° 47' ·8W.

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

I. 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.5s1Im12M 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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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' ·63 N. , 3° 35' ·89 W.

Chart: SC5613·7 ETRS89 DATUM
Replace depth, 27%, with,

\[
\text{Obstn}
\]

53° 34' ·63 N. , 3° 35' ·89 W.

Chart: SC5613·23 ETRS89 DATUM
Insert

\[
\text{Obstn}
\]

53° 34' ·6 N. , 3° 35' ·9 W.

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

L5738/18 ENGLAND — West Coast — — Obstruction.
Source: Spirit Energy

Chart: SC5613-9 ETRS89 DATUM


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 L2249(T)/18 is cancelled.

Chart: SC5613·1 ETRS89 DATUM
Insert

Obstn

Fl.Y, close SW of:
outfall, ****, joining:

(a) 53° 51'·67N, 3° 06'·20W.

Chart: SC5613·9 ETRS89 DATUM
Insert

Obstn

Fl.Y, close SW of:
outfall, ****, joining:

(a) 53° 51'·67N, 3° 06'·20W.

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.

Delete
depth, 8, close NW of:

(a) above

Insert
depth, 8, and extend 10m contour W to enclose

(b) 54° 03'·87N, 3° 18'·83W.

Delete
depth, 11, close SW of:

(b) above

Insert
depth, 6

(c) 54° 03'·78N, 3° 18'·38W.

Delete
depth, 7, close NE of:

(c) above

Insert
depth, 7, and extend 10m contour N to enclose

(d) 54° 03'·21N, 3° 18'·96W.

Delete
depth, 10, close N of:

(d) above

Insert
depth, 7

(e) 54° 02'·73N, 3° 18'·42W.

Delete
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.

Delete
depth, 8, close NW of:

Insert
depth, 8, and extend 10m contour W to enclose
54° 03′·87N., 3° 18′·83W.
depth, 6
54° 03′·78N., 3° 18′·38W.
depth, 15
54° 00′·58N., 3° 22′·97W.

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′·53N., 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, 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, 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
L1693/19 ENGLAND - West Coast - Buoy.
Source: Peel Ports
Chart SC5613-4 (Panel A, Approach to Liverpool) ETRS89 DATUM

Move $\text{V.Q.R} \; Q2$ from:

\[
\begin{align*}
\text{Obstn} & \quad 53^\circ 31'\cdot 40N., \; 3^\circ 14'\cdot 57W. \\
\text{Obstn} & \quad 53^\circ 31'\cdot 48N., \; 3^\circ 14'\cdot 95W.
\end{align*}
\]

to:

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

Chart: SC5613-10 ETRS89 DATUM
Insert depth, $1$, enclosed by 2m contour

\[
\begin{align*}
\text{depth, } 1, & \quad 53^\circ 57'\cdot 63N., \; 3^\circ 01'\cdot 72W.
\end{align*}
\]

Chart: SC5613-11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM
Insert depth, $1$, and extend 2m contour W to enclose (a)

\[
\begin{align*}
\text{depth, } 1, & \quad 53^\circ 57'\cdot 63N., \; 3^\circ 01'\cdot 72W.
\end{align*}
\]
Insert depth, $0$, enclosed by 0m low water line (b)

\[
\begin{align*}
\text{depth, } 0, & \quad 53^\circ 57'\cdot 56N., \; 3^\circ 01'\cdot 63W.
\end{align*}
\]
Delete depth, $2$, close W of: (a) above

Delete depth, $2$, close SE of: (b) above

Replace depth, $1$, with depth, $0$.

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

Chart: SC5613-3 ETRS89 DATUM
Insert $\text{Wk}$

\[
\begin{align*}
\text{Wk} & \quad 53^\circ 19'\cdot 59N., \; 3^\circ 39'\cdot 90W.
\end{align*}
\]

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

Chart: SC5613-3 ETRS89 DATUM
Insert $\text{Wk}$

\[
\begin{align*}
\text{Wk} & \quad 53^\circ 24'\cdot 89N., \; 3^\circ 24'\cdot 77W.
\end{align*}
\]
L2525/19 WALES — North Coast — — Wrecks. Depths.
Source: ms Northern Wind

Chart: SC5613-3 ETRS89 DATUM
Replace depth, δ牢牢 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, δ牢牢, enclosed by 2m contour (a) 54° 05’-662N. , 3° 14’-046W.
Insert drying height, Ψ牢牢 (b) 54° 05’-926N. , 3° 14’-046W.
Insert drying height, Ψ牢牢 (c) 54° 05’-984N. , 3° 14’-132W.
Insert drying height, Ψ牢牢 and extend 0m low water line NE to enclose 54° 06’-076N. , 3° 14’-285W.
Insert drying height, Ψ牢牢 (d) 54° 06’-091N. , 3° 14’-269W.
Insert 0m low water line, joining: (e) 54° 06’-092N. , 3° 14’-287W.
and (f) 54° 06’-067N. , 3° 14’-265W.
Insert (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.
light, Fl.Y.2·5s2M, at wind turbine
light, Fl.Y.5s5M, at wind turbine
fog signal, Horn(1)10s, at wind turbine

Chart: SC5613·4 (Panel A, Approach to Liverpool) ETRS89 DATUM
Amend fog signal to, Horn(1)30s, at wind turbine
Delete light, Fl.Y.5s13m5M, and associated fog signal, Horn(1)10s, at wind turbine

L3469/19 ENGLAND — West Coast — — Obstruction.
Source: ms Lode
Chart: SC5613·14 ETRS89 DATUM
Insert Obstn

L3474/19 ENGLAND — West Coast — — Obstruction.
Source: Peel Ports Notice 29/19
Chart: SC5613·6 ETRS89 DATUM
Insert Obstn, drying height 0

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

L3714/19 WALES — North Coast — — Depths.
Source: Tarmac Marine
Chart: SC5613·1 ETRS89 DATUM
Insert depth 9, enclosed by 10m contour
Insert depth, 15

Charts SC5613-20, SC5613-21 and SC5613-22 WGS84 DATUM

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:

53° 29’·64N., 6° 06’·36W.
53° 29’·85N., 6° 03’·98W.
53° 31’·13N., 6° 02’·18W.
53° 32’·82N., 5° 46’·84W.
53° 34’·87N., 5° 46’·31W.
53° 37’·23N., 5° 22’·48W.
53° 43’·90N., 5° 17’·70W.
53° 53’·88N., 4° 51’·93W.
53° 56’·39N., 4° 49’·68W.
53° 56’·33N., 4° 33’·71W.
53° 52’·50N., 4° 09’·69W.
53° 54’·21N., 3° 57’·82W.
53° 52’·58N., 3° 44’·14W.
53° 55’·50N., 3° 33’·28W.
53° 53’·00N., 3° 24’·38W.
53° 53’·03N., 3° 06’·35W.
53° 53’·00N., 3° 02’·85W.
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

Source: Trinity House

Chart: SC5613-3 ETRS89 DATUM

Insert drying height, 4; (a) 53° 24'·53N., 3° 13'·03W.
Delete drying height, 3, close E of: (a) above
Insert drying height, 1s (b) 53° 24'·02N., 3° 13'·19W.
Delete drying height, 0, close NW of: (b) above
Replace depth, 3, with depth, 0, and extend 2m contour N to enclose 53° 25'·13N., 3° 14'·31W.

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

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

Insert semi-circular limit of spoil ground, radius 315m, pecked line, centred on 54°51'·900N, 3°25'·602W, joining: 54° 52'·024N., 3° 25'·804W.
Insert circular limit of spoil ground, radius 0·17M, pecked line, centred on: 54° 51'·90N., 3° 25'·60W.
legend, Spoil Ground, centred on: above

Chart: SC5613-15 ETRS89 DATUM

Insert circular limit of spoil ground, radius 0·17M, pecked line, centred on: 54° 51'·90N., 3° 25'·60W.
legend, Spoil Ground, centred on: above

Source: British Government Survey

Chart: SC5613-1 ETRS89 DATUM

Insert depth, 3; (a) 53° 22'·01N., 3° 40'·19W.
Delete depth, 4\textsubscript{n}, close W of: \( (a) \text{ above} \)

**Chart: SC5613-3 ETRS89 DATUM**

Insert depth, 0\textsubscript{i} \( (a) \text{ above} \)

Delete depth, 1\textsubscript{i}, close SE of: \( (a) \text{ above} \)

Insert depth, 0\textsubscript{i} \( (b) \text{ above} \)

Delete depth, 0\textsubscript{n}, close W of: \( (b) \text{ above} \)

Insert depth, 1\textsubscript{n}, enclosed by 2m contour \( (c) \text{ above} \)

depth, \( 0\textsubscript{n} \) and extend 2m contour N to enclose \( 53^\circ 22'26N, \ 3^\circ 29'32W. \)

depth, \( 0\textsubscript{n} \) and extend 2m contour N to enclose \( 53^\circ 22'78N, \ 3^\circ 24'78W. \)

Delete depth, 3\textsubscript{i}, close NE of: \( (c) \text{ above} \)

Insert drying height, 2\textsubscript{i}, and extend 2m low water line SE to enclose \( (d) \text{ above} \)

Delete depth, 0\textsubscript{n}, close W of: \( (d) \text{ above} \)

Replace \( 5(Wk \text{ with } 3Wk \) depth, 2\textsubscript{i}, with depth, 0\textsubscript{n} and extend 2m contour E to enclose \( 53^\circ 19'59N, \ 3^\circ 39'90W. \)

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

**Chart: SC5613-3 ETRS89 DATUM**

Insert the accompanying block, centred on: \( 53^\circ 22'5N, \ 3^\circ 21'6W. \)

**L4376/19 ENGLAND — West Coast — — Buoy.**
Source: United Utilities
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’·63 N., 6° 06’·30W.
- 53° 29’·86 N., 6° 04’·35W.
- 53° 30’·07 N., 6° 03’·68W.
- 53° 30’·25 N., 6° 03’·34W.
- 53° 31’·15 N., 6° 02’·67W.
- 53° 31’·55 N., 6° 01’·40W.
- 53° 32’·71 N., 5° 47’·18W.
- 53° 32’·99 N., 5° 46’·18W.
- 53° 33’·4 N., 5° 46’·63W.
- 53° 36’·97 N., 5° 28’·10W.
- 53° 37’·10 N., 5° 26’·10W.
- 53° 36’·83 N., 5° 23’·24W.
- 53° 37’·54 N., 5° 22’·29W.
- 53° 40’·22 N., 5° 20’·13W.
- 53° 41’·24 N., 5° 15’·86W.
- 53° 44’·20 N., 5° 09’·90W.
- 53° 49’·08 N., 4° 56’·56W.
- 53° 46’·96 N., 4° 29’·54W.
- 53° 46’·40 N., 4° 26’·16W.
- 53° 45’·84 N., 4° 12’·83W.
- 53° 44’·03 N., 3° 56’·32W.
- 53° 43’·80 N., 3° 42’·87W.
- 53° 44’·11 N., 3° 31’·16W.
- 53° 43’·25 N., 3° 30’·13W.
- 53° 40’·80 N., 3° 08’·60W.
- 53° 39’·12 N., 3° 06’·13W.
- 53° 39’·09 N., 3° 03’·03W.
- 53° 38’·78 N., 3° 01’·43W.

3. Mariners are advised to navigate with caution in the area.
4. Charts will be updated when full details are available.
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, \( \delta \)  
Delete depth, \( \delta \), close W of: \( (a) \) 54° 03'·78N., 3° 18'·25W. 
Insert drying height, \( \delta \), and extend 0m low water line NE to enclose  
Delete drying height, \( \delta \), close SW of: \( (b) \) 54° 02'·18N., 3° 12'·95W. 
Insert drying height, \( \delta \), enclosed by 0m low water line \( (c) \) 54° 01'·56N., 3° 10'·34W. 
Delete depth, \( \delta \), close N of: \( (c) \) above  
Insert drying height, \( \delta \), enclosed by 0m low water line to enclose  
Delete drying height, \( \delta \), close SE of: \( (a) \) above

Chart: SC5613·13 (Panel A, Barrow Harbour South East Point to Long Rein Point) ETRS89 DATUM
Insert depth, \( \beta \)  
Delete depth, \( \beta \), close SE of: \( (a) \) 54° 02'·501N., 3° 10'·397W. 

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:

\[
\begin{align*}
53° 32'·63N., & 6° 04'·72W. \\
53° 33'·79N., & 5° 56'·68W. \\
53° 44'·66N., & 5° 20'·24W. \\
53° 44'·57N., & 5° 18'·48W. \\
53° 50'·98N., & 4° 59'·38W. \\
53° 50'·56N., & 4° 34'·84W. \\
53° 50'·02N., & 4° 15'·05W. \\
53° 46'·21N., & 3° 51'·54W.
\end{align*}
\]
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:

4.

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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

\[ F(5)Y.20s \]

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, 4s 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, 4a, and extend 5m contour N to enclose

(a) 53° 31’ ·31N., 3° 11’ ·64W.

Delete depth, 5s, close SW of:

(b) above

Insert depth, 4a, 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, 4a, 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, 9, and extend 10m contour W to enclose (b) 53° 22'·918N. , 2° 59'·635W.
Delete depth, 11, 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 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

L5804/19 ENGLAND — West Coast — — Restricted areas. Buoy.
Source: Peel Ports Notice 49/19

Chart: SC5613·3 ETRS89 DATUM
Insert limit of restricted area, VQ.R Q2, joining: (a) 53° 31'·01N. , 3° 16'·62W.
(b) 53° 31'·48N. , 3° 14'·95W.
(c) 53° 32'·38N. , 3°20'·00W.
Move VQ.R Q2, from: (d) 53° 31'·40N. , 3° 14'·57W.

Delete former limit of restricted area, joining: (a) above
Delete former limit of restricted area, \( \text{CC} \), joining:

(a) above

53° 31'·00N., 3° 15'·00W.

(b) above

53° 31'·49N., 3° 15'·00W.

Chart: SC5613·1 ETRS89 DATUM

Insert submarine cable, \( \text{CC} \), joining:

53° 38'·00N., 3° 01'·50W.

53° 39'·04N., 3° 02'·55W.

53° 39'·09N., 3° 06'·15W.

53° 40'·65N., 3° 08'·30W.

53° 40'·99N., 3° 09'·73W.

53° 43'·19N., 3° 30'·02W.

53° 44'·12N., 3° 30'·83W.

53° 43'·75N., 3° 55'·10W.

53° 45'·94N., 4° 04'·42W.

Chart: SC5613·7 ETRS89 DATUM

Insert submarine cable, \( \text{CC} \), joining:

53° 38'·00N., 3° 01'·49W.

53° 39'·04N., 3° 02'·55W.

53° 39'·09N., 3° 06'·15W.

53° 40'·65N., 3° 08'·31W.

53° 40'·99N., 3° 09'·74W.

53° 43'·19N., 3° 30'·02W.

53° 44'·12N., 3° 30'·83W.

53° 43'·85N., 3° 36'·18W.

L5902/19 IRISH SEA — Submarine cable.

Source: Seagard

Note: These changes will be included in New Editions of Charts 1411 and 1121 to be published early 2020.
Insert submarine cable, ~~~, joining:

53° 38'·79N., 3° 01'·49W.
53° 39'·04N., 3° 02'·55W.
53° 39'·09N., 3° 06'·15W.
53° 40'·65N., 3° 08'·31W.
53° 40'·99N., 3° 09'·20W.

Chart: SC5613·9 ETRS89 DATUM

Insert submarine cable, ~~~, joining:

53° 40'·86N., 3° 36'·36W.
53° 40'·99N., 3° 09'·74W.
53° 43'·19N., 3° 30'·02W.
53° 44'·12N., 3° 30'·83W.
53° 55'·80N., 2° 58'·00W.

Temporary/Preliminary NMs
L5901(P)/19 IRISH SEA — — Works. Submarine cables.
Source: Seagard

1. *The Rockabill Subsea Cable between Portraine, North of Dublin in Ireland and Southport on the West Coast of England has been completed, 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' ·25 N., 3° 30' ·13 W.
53° 40' ·80 N., 3° 08' ·60 W.
53° 39' ·12 N., 3° 06' ·13 W.
53° 39' ·09 N., 3° 03' ·03 W.
53° 38' ·78 N., 3° 01' ·43 W.

3. Mariners are advised to navigate with caution in the area.
4. *These changes will be included in New Editions of Charts 1411 & 1121 to be published early 2020.
5. Former Notice L4339(P)/19 is cancelled.*Indicates new or revised entry.(ETRS89 DATUM)

Charts affected – SC5609, SC5612, SC5613 and SC5621

Temporary/Preliminary NMs
L5979(T)/19 WALES — West Coast — — Buoy.
Source: Cyngor Gwynedd Council Notice 23/19

1. The Fairway light-buoy, LFl.10s, in position 52° 52' ·97 N., 4° 11' ·20 W. is reported off station.
2. Mariners are advised to navigate with caution in the area.(ETRS89 DATUM)

Charts affected – SC5609, SC5613 and SC5621

L6184/19 ENGLAND — West Coast — — Wrecks.
Source: ABP Barrow

Chart: SC5613·10 ETRS89 DATUM
Replace 6$+ Wk with 5(+$ Wk 53° 59' ·93 N., 3° 14' ·23 W.

Chart: SC5613·14 ETRS89 DATUM
Replace 6$+ Wk with 5(+$ Wk 53° 59' ·93 N., 3° 14' ·23 W.

Notices to Mariners - Weekly Edition 52/2019 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 changes to depths from the latest Mersey Docks and Harbour Company surveys. Mariners should therefore navigate with caution on sheets 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.

L122/20 ISLE OF MAN — — Legend.
Source: Northern Lighthouse Board

Chart: SC5613·21 (Panel A, Isle of Man East Coast) ETRS89 DATUM
Amend legend to, Point of Ayre LtHo open W of 225°, clears all dangers, centred on: 54° 29’·30N. , 4° 15’·00W.

Temporary/Preliminary NMs
L92(P)/20 ISLE OF MAN — — Wreck.
Source: Isle of Man Harbours Notice 16/19

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

(ETRS89 DATUM)

Charts affected – SC5609, SC5612, SC5613 and SC5621
Temporary/Preliminary NMs
L115(T)/20 ENGLAND — West Coast — Buoy.
Source: Ørsted

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

   \[ \begin{array}{|c|c|c|}
   \hline
   \text{Characteristic} & \text{Buoy Type} & \text{Position} \\
   \hline
   F(5)Y.20s & \text{Wave buoy} & 53° 30' ·11N., 3° 21' ·69W. \\
   \hline
   \end{array} \]

2. (ETRS89 DATUM)

Charts affected – SC5613

Temporary/Preliminary NMs
L118(T)/20 ENGLAND — West Coast — Buoyage.
Source: Ørsted

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

   \[ \begin{array}{|c|c|c|}
   \hline
   \text{Characteristic} & \text{Buoy Type} & \text{Position} \\
   \hline
   V.Q & \text{North Cardinal} & 54° 09' ·72N., 3° 49' ·58W. \\
   Q(9)15s & \text{West Cardinal} & 54° 06' ·63N., 3° 55' ·34W. \\
   \hline
   \end{array} \]

(ETRS89 DATUM)

Charts 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, Omission of Detail areas and general updating 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.

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 Omission of Detail areas. 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.

L136/20 ISLE OF MAN — — Wreck.
Source: Isle of Man Harbours Notice 16/19

Chart: SC5613-20 (Panel A, Isle of Man West Coast) ETRS89 DATUM
Insert [27° Wk] 54° 07'·26N. , 4° 51'·61W.

L147/20 ENGLAND — West Coast — —Wind turbines. Lights.
Source: RWE Renewables

**Chart: SC5613-15 ETRS89 DATUM**
Insert symbol, wind turbine, AeroF.R (a) 54° 45'·76N. , 3° 44'·21W.
Delete symbol, wind turbine, AeroF.R, close NE of: (a) above
Insert symbol, wind turbine, AeroF.R 54° 46'·04N. , 3° 43'·13W.

**Chart: SC5613-17 ETRS89 DATUM**
Insert symbol, wind turbine, AeroF.R (a) 54° 45'·76N. , 3° 44'·21W.
Delete symbol, wind turbine, AeroF.R, close NE of: (a) above
Insert symbol, wind turbine, AeroF.R 54° 46'·04N. , 3° 43'·13W.

L727/20 ENGLAND — West Coast — — Light.
Source: Peel Ports, Liverpool
Chart: SC5613·12 (Panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Amend range of light to, 3M 54° 01’·912N, 2° 55’·721W.

L833/20 SCOTLAND — South West Coast — — Light.
Source: UKHO

Chart: SC5613·2 ETRS89 DATUM
Amend range of light to, 18M 54° 38’·10N, 4° 51’·43W.

Chart: SC5613·19 (Panel A, Wigtown Bay to Luce Bay) ETRS89 DATUM
Amend range of light to, 18M 54° 38’·10N, 4° 51’·43W.

Chart: SC5613·23 ETRS89 DATUM
Amend range of light to, 18M 54° 38’·4N, 4° 51’·4W.

L930/20 WALES — North Coast — — Wreck.
Source: m.v. Northern Wind

Chart: SC5613·1 ETRS89 DATUM
Insert 53° 29’·39N, 3° 39’·54W.

Chart: SC5613·3 ETRS89 DATUM
Insert 53° 29’·39N, 3° 39’·54W.

Temporary/Preliminary NMs
L1116(T)/20 ENGLAND — West Coast — — Buoyage.
Source: Ørsted

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

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Buoy Type</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>V.Q</td>
<td>North Cardinal</td>
<td>54° 09’·72N, 3° 49’·58W.</td>
</tr>
<tr>
<td>Q(9)15s</td>
<td>West Cardinal</td>
<td>54° 06’·63N, 3° 55’·34W.</td>
</tr>
<tr>
<td>VQ(6)+LFl.10s</td>
<td>South Cardinal</td>
<td>54° 00’·21N, 3° 34’·66W.</td>
</tr>
</tbody>
</table>

2. Former Notice L118(T)/20 is cancelled.

*Indicates new or revised entry
Charts affected—SC5613


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 changes to depths from the latest British Government and Port Authority Surveys. 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.


Chart SC5613·13 WGS84 DATUM
The following changes were published in the new edition of chart 3164, which is the source chart for the above folio sheet:

*Includes changes to depths from the latest British Government and Port Authority Surveys. Mariners should therefore navigate with caution on sheet SC5613·13 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.

Temporary/Preliminary NMs
L1672(P)/20 ENGLAND—West Coast——Buoy.
Source: ABP Barrow Notice 9/20

A special light buoy, Fl(5)Y.15s, has been deployed, in position 53° 59’.952N., 3° 14’400W. (ETRS89 DATUM)
Charts affected — SC5613

L1831/20 ENGLAND — West Coast — — Buoy.
Source: ABP Barrow Notice 9/20

Chart: SC5613·10 ETRS89 DATUM

Insert

\[ F(5)Y.15s \]

53° 59' 95N., 3° 14' 40W.

L2480/20 ENGLAND — West Coast — — Buoy.
Source: ABP Humber Notice 15/20

Note: Former Notice L1672(P)/20 is cancelled.

Chart: SC5613·10 ETRS89 DATUM

Delete

\[ F(5)Y.15s \]

53° 59' 95N., 3° 14' 40W.

Temporary/Preliminary NMs

Source: Minesto

1. The special purpose light-buoy, \( F(4)Y.15s \), and associated Automatic Identification System, \( AIS \), in position 53° 17' 80N., 4° 47' 76W., has been temporarily removed off station.
2. The restricted area, radius 500m, centred on the above position, has been relaxed.
3. Mariners are advised to navigate with caution as ground tackle may still be present in the area.

(ETRS89 DATUM)

Charts affected — SC5609, SC5612, SC5613 and SC5621

Temporary/Preliminary NMs

L3173(T)/20 ENGLAND — West Coast — — Buoyage.
Source: Ørsted

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

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Buoy Type</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td># Q(6)+LFl.15s</td>
<td>South Cardinal</td>
<td>54° 03' 42N., 3° 44' 99W.</td>
</tr>
<tr>
<td>Q(9)15s</td>
<td>West Cardinal</td>
<td>54° 06' 63N., 3° 55' 34W.</td>
</tr>
<tr>
<td>VQ(6)+LFl.10s</td>
<td>South Cardinal</td>
<td>54° 00' 21N., 3° 34' 66W.</td>
</tr>
</tbody>
</table>
3. Former Notice L1116(T)/20 is cancelled. *Indicates new or revised entry (ETRS89 DATUM)

Charts affected – SC5613

L3462/20 ENGLAND — West Coast — — Wreck.  
Source: UKHO

Chart: SC5613·9 ETRS89 DATUM
Insert  

Chart: SC5613·10 ETRS89 DATUM
Insert  

L3536/20 ENGLAND — West Coast — — Harbour limit. Legends.  
Source: Port of Workington Harbour Master

Chart: SC5613·16 (Panel D, Workington Harbour) ETRS89 DATUM
Insert harbour limit, pecked line, joining:  

Legend, Harbour Limit, along NE side of:  

L4451/20 ENGLAND — West Coast — — Harbour limit. Legends.  
Source: ABP Silloth

Chart: SC5613·15 ETRS89 DATUM
Insert harbour limit, pecked line, joining:  

Legend, Port Limit of Silloth, along E side of:  

Chart: SC5613·17 ETRS89 DATUM
Insert harbour limit, pecked line, joining:  

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legend, *Port Limit of Silloth*, along E side of: (a)-(b) above