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

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

\(54° 43′.63N , 3° 29′.54W.\)

\((a)\) 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:

\(54° 43′.63N , 3° 33′.09W.\)

\((a)\) 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' 88&quot;, 3° 41' 17&quot;W.</td>
</tr>
<tr>
<td>VQ(6)+LFl.10s</td>
<td>South cardinal</td>
<td>54° 02' 88&quot;, 3° 43' 00&quot;W.</td>
</tr>
<tr>
<td>Q(6)+LFl.15s</td>
<td>South cardinal</td>
<td>54° 04' 87&quot;, 3° 48' 36&quot;W.</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

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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.
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, \( h \), 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, \( h \), and extend 0m low water line N to enclose

53° 31'·57N. , 3° 08'·23W.
(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° 26'·31N. , 3° 01'·60W.
Delete depth, 7N, close E of: 

(b) above

Chart: SC5613·5 ETRS89 DATUM
Insert depth, 5N, close W of: 
Delete depth, 6N, close W of: 
Insert depth, 4N, and extend 5m contour E to enclose (a) 53° 26'·791N. , 3° 01'·752W.
Delete depth, 7N, close NE of: 
Insert depth, 5N, and extend 5m contour E to enclose (b) 53° 26'·418N. , 3° 01'·635W.
Delete depth, 7N, close E of: 
Insert depth, 5N, close E of: 
Delete depth, 7N, close E of: 

(b) above


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 $Wk$ (a) 53° 23'·93N. , 3° 35'·82W.
Delete depth, 70N, close SW of: 

(a) above

Chart: SC5613·3 ETRS89 DATUM
Insert $Wk$ 53° 23'·93N. , 3° 35'·82W.
Insert $Wk$ 53° 26'·59N. , 3° 24'·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.

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

Includes changes to depths from the latest Mersey Docks and Harbour Company 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.

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

Chart: SC5613·8 (Panel C, Approaches to Silloth) ETRS89 DATUM
Insert drying height, 0°, enclosed by 0m low water line

54° 48′ 86N, 3° 29′ 88W.

depth, 0°, and extend 2m contour NE to enclose

54° 49′ 55N, 3° 29′ 39W.

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, 2° 
Delete depth, 7°, close W of:
Move ⬆️ Q C5, from:
      ⬆️ Fl.G.3s C7, from:
            to:  
            to:

53° 31'·59N., 3° 08'·28W. 
(a) 53° 31'·62N., 3° 08'·69W.
(a) above
53° 31'·65N., 3° 08'·68W.
53° 31'·52N., 3° 08'·15W.
53° 31'·54N., 3° 08'·11W.
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

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, \( 1/4 \), and extend 20m contour to NW to enclose

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

Chart: SC5613·14 ETRS89 DATUM
Delete

\[ \begin{array}{l}
Q(9)15s
\
VQ
\
VQ(9)10s
\end{array} \]

54° 06'·23N., 3° 39'·73W.
54° 04'·92N., 3° 32'·15W.
54° 03'·68N., 3° 39'·68W.
54° 02'·23N., 3° 34'·12W.
Temporary/Preliminary NMs

Source: Trinity House and Tom Watson

1. The construction of the West of Duddon Sands Wind Farm has been completed. There are submarine power cables connecting each turbine to the next and then to the shore near Heysham.

2. The turbines display permanent aids to navigation as follows:

<table>
<thead>
<tr>
<th>Designation</th>
<th>Characteristic</th>
<th>Fog Signal</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>A03</td>
<td>FLY-2.5s2M</td>
<td></td>
<td>53° 50’ 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>F14</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>J12</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’ 90N, 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>Q10/15s</td>
<td>54° 00’ 47N, 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>Q9/15s</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

drying height, $h$, enclosed by 0m low water line

drying height, $h$, enclosed by 0m low water line

Delete depth, $t$, close NW of:

(a) 54° 02' 04N., 2° 55' 65W.
(b) 54° 01' 82N., 2° 55' 93W.
(c) 54° 01' 73N., 2° 55' 99W.

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

Chart: SC5613·7 ETRS89 DATUM

Replace symbol, distance mark (11 miles), with

$\star$ Fl.G.5s (11 miles) 53° 43' 38N., 3° 00' 68W.

$\star$ 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

$\star$ Fl.G.5s (11 miles) 53° 43' 38N., 3° 00' 68W.

$\star$ 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

$\star$ Fl.G.5s (11 miles) 53° 43' 38N., 3° 00' 68W.

$\star$ 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 $\blacklozenge$ Fl(2)G.6s E5 53° 59' 01N., 2° 52' 43W.

$\blacklozenge$ Fl.G.4s No 7 53° 59' 54N., 2° 52' 34W.

Delete $\blacklozenge$ Fl.G.5s No 7 53° 59' 47N., 2° 52' 36W.
L4567/15 ENGLAND — West Coast — River Lune — Buoy.
Source: Lancaster Port Commission Notice 10/15

Chart: SC5613-11 (panel A, Approaches to Fleetwood) ETRS89 DATUM
Move 🌊 Fl(3)G.10s No 3, from: 53° 58'.35N., 2° 57'.90W.
to: 53° 58'.65N., 2° 57'.79W.

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

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

Chart: SC5613-3 ETRS89 DATUM
Insert drying height, $f$, and extend 0m low water line SW to enclose 53° 21'.63N., 3° 17'.19W.
drying height, $d$, enclosed by 2m drying contour (a) 53° 20'.77N., 3° 12'.92W.
Delete depth, $0$, close SE of: (a) above


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 \( \circ \), direction of vessel movement 023° \( 54^\circ 42'\cdot 20\text{N}., \, 3^\circ 34'\cdot 00\text{W.} \)

**Chart: SC5613·15 ETRS89 DATUM**

Insert \( \circ \), direction of vessel movement 023° \( (a) \, 54^\circ 42'\cdot 20\text{N}., \, 3^\circ 34'\cdot 00\text{W.} \)

Delete \( \circ \), direction of vessel movement 360°, and associated legend, \( (a) \) above \( 54^\circ 46'\cdot 00\text{N}., \, 3^\circ 30'\cdot 76\text{W.} \)

**Chart: SC5613·17 ETRS89 DATUM**

Insert \( \circ \), direction of vessel movement 023° \( (a) \, 54^\circ 42'\cdot 20\text{N}., \, 3^\circ 34'\cdot 00\text{W.} \)

Legend, \( (a) \) above \( (a) \)

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**Chart SC5613·14 and SC5613·21 WGS84 DATUM**

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

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

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

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**Chart SC5613·10 WGS84 DATUM**

The following changes were published in the new edition of chart 2010, which is the source chart for the above folio sheet:
Includes the completed 'West of Duddon Sands' Wind Farm. Mariners should therefore navigate with caution on sheet SC5613-10 and be aware that any subsequent Notices to Mariners applied to this sheet are issued for information only.

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


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 $Fl(2)Y.5s$ 53° 20'·680N., 2° 57'·850W.
Delete $F.G$ (a) 53° 20'·710N., 2° 57'·859W.
(b) 53° 20'·680N., 2° 57'·841W.
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, $O_d$, enclosed by 2m contour 53° 57'·52N., 3° 01'·68W.
drying height, $O_l$ enclosed by 0m low water line (a) 53° 57'·43N., 3° 01'·66W.
drying height, $h$, enclosed by 0m low water line

Delete depth, 2, close N of:

depth, $f$, close S of:

(b) 53° 56' ·72N. , 3° 01' ·35W.

(a) above

(b) above


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

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

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

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

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

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

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

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

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

Chart: SC5613-2 ETRS89 DATUM
Insert $VQ(9)10s$ 54° 26' ·50N. , 4° 16' ·70W.
Chart: SC5613-21 (panel A, Isle of Man East Coast) ETRS89 DATUM
Insert \[\frac{1}{2} \] VQ(9)10s 54° 26'·50N., 4° 16'·70W.

Chart: SC5613-23 WGS84 DATUM
Insert \[\frac{1}{2} \] 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 \(\mathcal{W}k\) 54° 45'·91N., 4° 48'·89W.

Chart: SC5613·19 (panel A, Wigtown Bay to Luce Bay) ETRS89 DATUM
Insert \(\mathcal{W}k\) 54° 45'·91N., 4° 48'·89W.

Chart: SC5613·23 WGS84 DATUM
Insert \(\mathcal{W}k\) (a) 54° 45'·9N., 4° 48'·9W.
Delete \(\mathcal{W}k\) close NE of: (a) above

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:

<table>
<thead>
<tr>
<th>Buoy Type</th>
<th>Designation</th>
<th>Character</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Cardinal</td>
<td>NM1</td>
<td>Q</td>
<td>53° 30'·32N., 3° 22'·76W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM2</td>
<td>Fl.Y.2·5s</td>
<td>53° 30'·36N., 3° 18'·25W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM3</td>
<td>Fl.Y.5s</td>
<td>53° 30'·38N., 3° 14'·07W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>NM4</td>
<td>Q(6)+LFl.15s</td>
<td>53° 27'·62N., 3° 11'·59W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM5</td>
<td>Fl.Y.2·5s</td>
<td>53° 27'·61N., 3° 18'·15W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>NM6</td>
<td>VQ(6)+LFl.10s</td>
<td>53° 27'·60N., 3° 18'·77W.</td>
</tr>
<tr>
<td>Special</td>
<td>NM7</td>
<td>Fl.Y.2·5s</td>
<td>53° 28'·97N., 3° 21'·00W.</td>
</tr>
</tbody>
</table>
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:

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

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


Chart: SC5613·12 (panel A, Approaches to Glasson and Heysham) ETRS89 DATUM
Insert depth, 4 (a) 54° 01' ·972N., 2° 55' ·666W.
   depth, 2, enclosed by 2m contour 54° 01' ·931N., 2° 55' ·853W.
   drying height, 0, enclosed by 0m low water line (b) 54° 01' ·883N., 2° 55' ·887W.
Delete depth, 4, close NW of: (a) above
   depth, 0, close S of: (b) 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:

(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:

(g)-(j) above

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

Chart: SC5613-1 ETRS89 DATUM

Delete

VQ North Constable 53° 23’.72N. , 3° 41’.41W.

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

Chart: SC5613-3 ETRS89 DATUM

Delete

Q RFWF1 53° 23’.10N. , 3° 36’.25W.

Fl.G.2·5s RFWF2 53° 23’.76N. , 3° 39’.10W.
L4261/16 ENGLAND — West Coast — Approaches to Barrow Harbour — Lightning Knoll E — Buoy.
Source: ABP Barrow Notice 37/16

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

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

Chart: SC5613·6 ETRS89 DATUM
Insert  ☐ Obstn, drying height 5'  53° 19'·402N., 2° 56'·949W.
Replace ☐, with  ☐ Obstn, drying height 3'  53° 19'·582N., 2° 57'·000W.
☐, with  ☐ Obstn, drying height 4'  53° 19'·546N., 2° 56'·972W.

L4897/16 ENGLAND — West Coast — Glasson — Buoy.
Source: Lancaster Port Commission Notice 26/16

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

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

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

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

Chart: SC5613·6 ETRS89 DATUM
Source: Peel Ports Notice 31/16
Chart: SC5613·5 ETRS89 DATUM
Insert  ⭐ 3F.R  (a) 53° 24'·314N. , 2° 59'·923W.
fog signal, Horn(3+3)15s, at light  (a) above
Delete  symbol, fog signal, Horn(3+3)15s, close SW of:  (a) above

L5456/16  ENGLAND — West Coast — River Mersey — Light.
Source: Peel Ports Notice 27/16
Chart: SC5613·5 ETRS89 DATUM
Amend light to, 2F.G & F.Y Bell(4)15s  53° 23'·762N. , 3° 00'·488W.
Source: Peel Ports Notice 36/16

Chart: SC5613-5 ETRS89 DATUM
Delete

- F.RW.5m and associated sectors
- Fl(2)G.6s

Chart: SC5613-6 ETRS89 DATUM
Move

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

Insert submarine power cable, joining:

- Fl.R.3s E4, from: 53° 20' 86N., 2° 57' 64W.

Delete

- Fl(2)G.6s

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

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

Chart: SC5613-1 ETRS89 DATUM
Insert submarine power cable, joining:

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

(W border)

---

Chart: SC5613-7 ETRS89 DATUM
Insert submarine power cable, joining:

- 53° 31' 02N., 3° 24' 13W

(S border)
L6088/16  IRELAND — East Coast — Portavogie — Automatic Identification System.
Source: UKHO

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

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)

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

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

53° 24'·280N. , 2° 59'·910W.

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

Chart: SC5613·1 ETRS89 DATUM
Insert Obstn

53° 26'·94N. , 3° 24'·69W.

Chart: SC5613·3 ETRS89 DATUM
Insert Obstn

53° 26'·94N. , 3° 24'·69W.

Source: Peel Ports Notice 48/16

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

53° 27'·31N. , 3° 01'·68W.
Move Q.R C22, from: 53° 27'·58N. , 3° 02'·34W. to: 53° 27'·00N., 3° 02'·00W.

Chart: SC5613·5 ETRS89 DATUM
Insert ⚫ 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>53° 27'·00·719N., 3° 49'·576W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>53° 27'·08·800N., 3° 45'·371W.</td>
</tr>
<tr>
<td>North Cardinal</td>
<td>Q</td>
<td>53° 27'·07·880N., 3° 41'·160W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>VQ(6)+LFL.10s</td>
<td>53° 27'·00·205N., 3° 34'·661W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>53° 27'·01·812N., 3° 39'·824W.</td>
</tr>
<tr>
<td>South Cardinal</td>
<td>Q(6)+LFL.15s</td>
<td>53° 27'·03·419N., 3° 44'·990W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>53° 27'·05·026N., 3° 50'·160W.</td>
</tr>
<tr>
<td>West Cardinal</td>
<td>Q(9)15s</td>
<td>53° 27'·06·632N., 3° 55'·335W.</td>
</tr>
<tr>
<td>West Cardinal</td>
<td>VQ(9)10s</td>
<td>53° 27'·08·292N., 3° 55'·365W.</td>
</tr>
<tr>
<td>Special Mark</td>
<td>FL.Y.5s</td>
<td>53° 27'·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.

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

**Chart: SC5613-3 ETRS89 DATUM**

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

**Chart: SC5613-7 ETRS89 DATUM**

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

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**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.

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**L1004/17 ENGLAND — West Coast — River Mersey — Buoy.**
Source: UKHO

*Note: Certain Copies Only*

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

Delete Fl(3)Y.2s 53° 26’·97N. , 3° 01’·31W.

**Chart: SC5613-5 ETRS89 DATUM**

Delete Fl(3)Y.2s 53° 26’·971N. , 3° 01’·310W.
Temporary/Preliminary NMs
L1007(T)/17 ISLE OF MAN — Maughold Head — Light.
Source: Northern Lighthouse Board Notice 11/16

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

Charts affected — SC5613

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

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

Charts affected — SC5609, SC5613 and SC5621

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

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

Chart: SC5613·9 ETRS89 DATUM
Insert  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.
                   53° 59’·20N., 3° 01’·37W.

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  Fl(5)Y.20s 53° 59’·20N., 3° 01’·37W.

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

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

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


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

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

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

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

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

Charts affected – SC5613

L2215/17 ENGLAND — West Coast — Liverpool Bay — Burbo Wind Farm Extension — Buoy.
Source: Tom Watson
Chart: SC5613·3 ETRS89 DATUM

Delete

$F(5)Y.20s\ 53^\circ\ 29'\ ·\ 10N.,\ 3^\circ\ 15'\ ·\ 53W.$

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

Chart: SC5613·10 ETRS89 DATUM

Move

$F(2)G.5s\ King\ Scar,\ from:\ 53^\circ\ 56'\ ·\ 97N.,\ 3^\circ\ 04'\ ·\ 40W.$

to:

$53^\circ\ 57'\ ·\ 05N.,\ 3^\circ\ 04'\ ·\ 74W.$

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:

$G\ 225^\circ\ -\ 327^\circ\ (102^\circ)$


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 Arneil Bay (Scotland), joining the following approximate positions (WGS84 Datum):

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

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

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

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

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

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

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

<table>
<thead>
<tr>
<th>Drying height</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1·0m</td>
<td>54° 47’·846N. , 4° 03’·721W.</td>
</tr>
<tr>
<td>0·6m</td>
<td>54° 47’·961N. , 4° 03’·832W.</td>
</tr>
<tr>
<td>1·1m</td>
<td>54° 48’·142N. , 4° 04’·120W.</td>
</tr>
<tr>
<td>0·6m</td>
<td>54° 48’·341N. , 4° 04’·376W.</td>
</tr>
<tr>
<td>0·7m</td>
<td>54° 48’·659N. , 4° 04’·560W.</td>
</tr>
<tr>
<td>0·9m</td>
<td>54° 48’·711N. , 4° 04’·651W.</td>
</tr>
<tr>
<td>0·9m</td>
<td>54° 48’·940N. , 4° 04’·657W.</td>
</tr>
<tr>
<td>0·5m</td>
<td>54° 49’·152N. , 4° 04’·760W.</td>
</tr>
<tr>
<td>0·0m</td>
<td>54° 49’·277N. , 4° 04’·681W.</td>
</tr>
</tbody>
</table>
0·7m  54° 49'·384N. , 4° 04'·429W.
1·0m  54° 49'·457N. , 4° 04'·297W.
0·7m  54° 49'·739N. , 4° 04'·080W.
0·3m  54° 50'·059N. , 4° 03'·995W.
0·1m  54° 50'·372N. , 4° 03'·637W.
0·7m  54° 50'·279N. , 4° 03'·239W.

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.

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

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

Chart: SC5613-8 (Panel A, River Ribble) ETRS89 DATUM
Insert Fl(5)Y.20s 53° 47'·69N. , 3° 08'·27W.
Delete Fl(5)Y.20s 53° 49'·00N. , 3° 07'·58W.
Chart: SC5613·9  ETRS89 DATUM

Insert  

\[ F(5) Y.20s \]  
53° 47'·69N., 3° 08'·27W.

Delete  

\[ F(5) Y.20s \]  
53° 49'·00N., 3° 07'·58W.

---

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, \( Q_0 \), enclosed by 0m low water line  
(a) 54° 48'·59N., 3° 30'·46W.

Delete  

depth, \( 3_0 \), 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, \( Q_0 \), with drying height, \( 2_0 \)  
53° 52'·09N., 3° 03'·57W.

Chart: SC5613·10  ETRS89 DATUM

Insert  

drying height, \( 10_0 \)  
(a) 53° 56'·77N., 3° 02'·98W.

drying height, \( b_0 \)  
53° 56'·46N., 3° 02'·60W.

drying height, \( b_0 \)  
53° 56'·05N., 3° 02'·33W.

Delete  

drying height, \( b_0 \), close SW of:  
(a) above

Chart: SC5613·11  (Panel A, Approaches to Fleetwood)  ETRS89 DATUM

Insert  

drying height, \( b_0 \)  
53° 56'·05N., 3° 02'·33W.

drying height, \( b_0 \)  
53° 55'·14N., 3° 00'·53W.

Replace  

drying height, \( b_0 \), with drying height, \( z_0 \)  
53° 55'·90N., 3° 00'·01W.

drying height, \( z_0 \), with drying height, \( b_0 \)  
53° 54'·99N., 3° 00'·30W.
Chart: SC5613·11 (Panel B, River Wyre Fleetwood to Skippool) ETRS89 DATUM

Insert drying height, $d_i$  
drying height, $d_i$  

Replace drying height, $d_i$, with drying height, $Z_i$  
drying height, $Z_i$, with drying height, $d_i$  
drying height, $d_i$, with drying height, $Z_i$, and extend 2m drying contour W to enclose

53° 55'·05N. , 3° 02'·33W.  
53° 55'·14N. , 3° 00'·53W.  
53° 55'·90N. , 3° 00'·01W.  
53° 54'·99N. , 3° 00'·30W.  
53° 54'·56N. , 3° 00'·25W.

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

Insert drying height, $d_i$  

Replace drying height, $d_i$, with drying height, $Z_i$  
drying height, $Z_i$, with drying height, $d_i$  

53° 55'·14N. , 3° 00'·53W.  
53° 55'·90N. , 3° 00'·01W.  
53° 54'·99N. , 3° 00'·30W.

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

Chart: SC5613·23 ETRS89 DATUM

Delete $Ff(5)Y.20s$  
53° 13'·0N. , 4° 43'·4W.

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

Chart: SC5613·1 ETRS89 DATUM

Delete $Q,Y (2 buoys)$  
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, $Ff(4)30s18M$  
54° 41'·9N. , 5° 30'·6W.

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

Chart: SC5613·1 ETRS89 DATUM
Temporary/Preliminary NMs
L2133(T)/18 SCOTLAND — West Coast — Mull of Galloway SW — Buoy.
Source: Seajacks Scylla

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

Charts affected – SC5610, SC5612 and SC5613

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

Chart: SC5613-1 ETRS89 DATUM
Delete

Fl.Y.2·5s11m &2F.R(vert) Mast(81) 53° 52′·38N., 3° 12′·17W.
Fl.Y.2·5s11m &2F.R(vert) Mast(51) 53° 51′·61N., 3° 17′·75W.

Chart: SC5613-9 ETRS89 DATUM
Delete

Fl.Y.2·5s11m&2F.R(vert) Mast(81) 53° 52′·42N., 3° 12′·13W.
Fl.Y.2·5s11m&2F.R(vert) Mast(51) 53° 51′·60N., 3° 17′·68W.

Chart: SC5613-23 ETRS89 DATUM
Delete

Fl.Y.&2F.R(vert) Mast(81) 53° 52′·3N., 3° 12′·2W.
Fl.Y.&2F.R(vert) Mast(51) 53° 51′·6N., 3° 17′·5W.

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

1. Pipeline installation works are taking place until September 2018, within an area bounded by the following positions:

- 53° 52′·37N., 3° 02′·89W. (shore)
- 53° 52′·37N., 3° 03′·80W.
- 53° 52′·13N., 3° 03′·87W.
- 53° 51′·71N., 3° 06′·30W.
- 53° 51′·60N., 3° 06′·25W.
- 53° 52′·18N., 3° 02′·91W. (shore)
2. Mariners are advised to navigate with caution within the vicinity. (ETRS89 DATUM)

Charts affected — SC5609 and SC5613

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

Chart: SC5613-23 ETRS89 DATUM

Insert \[ \begin{array}{c} \text{F} \\ 53° 17'·8N, 4° 47'·8W. \end{array} \]


Chart SC5613-18 WGS84 DATUM

The following changes were published in the new edition of chart 1344, which is the source chart for the above folio sheet:

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

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

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

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

Move \[ \begin{array}{l} \text{Fl(G).10s No 3, from:} \\ 53° 58'·65N, 2° 57'·79W. \end{array} \]

\[ \begin{array}{l} \text{Fl.G.5s No 5, from:} \\ 53° 58'·31N, 2° 54'·87W. \end{array} \]

\[ \begin{array}{l} \text{Fl.R.4s No 6, from:} \\ 53° 58'·67N, 2° 54'·26W. \end{array} \]
L3485/18 ENGLAND — West Coast — — Buoy.
Source: Ørsted

Chart: SC5613·1 ETRS89 DATUM
Delete \( \text{Fl}(5)Y.20s \)
53° 54′·24N., 3° 19′·00W.

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

Chart: SC5613·10 ETRS89 DATUM
Delete \( \text{Fl}(5)Y.20s \)
53° 54′·24N., 3° 19′·00W.

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

Chart: SC5613·3 ETRS89 DATUM
Delete \( \text{Mo}(A)10s \)
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
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:
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

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**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.
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.
53° 54' 43N., 3° 12' 22W.
53° 56' 32N., 3° 08' 03W.
53° 56' 75N., 3° 06' 03W.
53° 56' 88N., 3° 04' 70W.
53° 57' 13N., 3° 03' 90W.
53° 57' 47N., 3° 03' 34W.
53° 59' 01N., 2° 59' 74W.
53° 59' 38N., 2° 59' 48W.
53° 59' 69N., 2° 58' 66W.
2. Mariners are advised to navigate with caution in the area.
3. These changes will be included in New Editions of Charts 1552 and 2010 to be published 4 October 2018.
4. Former Notice L495(P)/17 is cancelled.(ETRS89 DATUM)

Charts affected – SC5613

L4164/18 ENGLAND — West Coast — — Wreck.
Source: HM Coastguard
Chart: SC5613·14 ETRS89 DATUM

Insert

53° 56'·00N., 3° 27'·60W.

L4269/18 ENGLAND — West Coast — — Buoy.
Source: United Utilities Water PLC
Chart: SC5613·8 (Panel C, Approaches to Silloth) ETRS89 DATUM

Insert

54° 52'·39N., 3° 23'·69W.
L4286/18 ISLE OF MAN — — Legend.
Source: Isle of Man Harbours Notice 14/18

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

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

Chart affected — SC5613

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

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

Charts affected – SC5609 and SC5613

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

Charts SC5613·11 and SC5613·12 WGS84 DATUM
The following changes were published in the new edition of chart 1552, which is the source chart for the above folio sheets:
Includes significant safety-related information as follows: new submarine cables. Mariners should therefore navigate with caution on sheets SC5613·11 and SC5613·12 and be aware that any subsequent Notices to Mariners applied to these sheets are issued for information only.

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


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.

L5557/18 WALES — North Coast — — Depth. Obstruction.
Source: Raymond Cramer

Chart: SC5613·1 ETRS89 DATUM
Insert

\[
\text{Obstn}
\]

53° 34'·63N, 3° 35'·89W.

Chart: SC5613·7 ETRS89 DATUM
Replace depth, 27, with, \[\text{Obstn}\]

53° 34'·63N, 3° 35'·89W.

Chart: SC5613·23 ETRS89 DATUM
Insert \[\text{Obstn}\]

53° 34'·6N, 3° 35'·9W.

Temporary/Preliminary NMs
L5626(P)/18 ENGLAND — West Coast — — Light.
Source: Peel Ports

1. Light, F.Y, in position 53° 24'·611N, 3° 00'·907W, has been discontinued.
2. This change will be included in a New Edition of Chart 3490 to be published 6 December 2018.(ETRS89 DATUM)
Chart affected – SC5613

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

Chart: SC5613·9 ETRS89 DATUM
Insert ○ Unexploded Ordnance Rep (2018) (buried) 53° 50’ 24N. , 3° 34’ 42W.


Chart SC5613-4 WGS84 DATUM
The following changes were published in the new edition of chart 1951, which is the source chart for the above folio sheet:

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

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


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

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

These changes will be included in the next new edition of SC5613.
Source: J. Murphy & Sons Ltd

Note: Former Notice L2449(T)/18 is cancelled.

Chart: SC5613-1 ETRS89 DATUM
Insert

Obstrn

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

(a) 53° 51'·67N., 3° 06'·20W.

Chart: SC5613-9 ETRS89 DATUM
Insert

Obstrn

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, \( \text{a} \), close NW of:

(b) 54° 03'·90N., 3° 19'·36W.

Delete

depth, 8a, close NW of:

(a) above

Insert

depth, 8a; and extend 10m contour W to enclose

(b) 54° 03'·87N., 3° 18'·83W.

Delete

depth, 11s, close SW of:

(b) above

Insert

depth, 6a

(c) 54° 03'·78N., 3° 18'·38W.

Delete

depth, 7a, close NE of:

(c) above

Insert

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

(d) 54° 03'·21N., 3° 18'·96W.

Delete

depth, 10a, close N of:

(d) above

Insert

depth, 7a

(e) 54° 02'·73N., 3° 18'·42W.

Delete

depth, 8a, close NW of:

(e) above

Chart: SC5613-14 ETRS89 DATUM
Insert

depth, 7a, and extend 10m contour W to enclose

54° 04'·83N., 3° 19'·16W.

depth, 9a, enclosed by 10m contour

54° 04'·29N., 3° 19'·42W.

depth, 7a

(a) 54° 03'·90N., 3° 19'·36W.
L443/19 ISLE OF MAN — — Lights.
Source: Marine Operations Centre, Isle of Man

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

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

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

Chart: SC5613·10 ETRS89 DATUM
Insert depth, 4, 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
Insert Obstn 53° 23'·37N., 3° 30'·76W.
Obstn 53° 23'·76N., 3° 26'·61W.
L1693/19 ENGLAND - West Coast - Buoy.
Source: Peel Ports

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

Move \[\text{VQ.R Q2}\] from:
\[53° 31' · 40N., 3° 14' · 57W.\]
to:
\[53° 31' · 48N., 3° 14' · 95W.\]

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

Chart: SC5613-10 ETRS89 DATUM

Insert depth, \(1_d\), enclosed by 2m contour
\[53° 57' · 63N., 3° 01' · 72W.\]

Chart: SC5613-11 (Panel A, Approaches to Fleetwood) ETRS89 DATUM

Insert depth, \(1_d\), and extend 2m contour W to enclose \(\text{W}\)
\(\text{(a)} 53° 57' · 63N., 3° 01' · 72W.\)
Delete depth, \(2_d\), close W of:
\(\text{(a) above}\)
Insert depth, \(8_d\), enclosed by 0m low water line
\(\text{(b) 53° 57' · 56N., 3° 01' · 63W.}\)
Delete depth, \(2_d\), close SE of:
\(\text{(b) above}\)
Replace depth, \(1_d\), with depth, \(8_d\)
\[53° 57' · 63N., 3° 01' · 59W.\]

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

Chart: SC5613-3 ETRS89 DATUM

Insert \(\text{Wk}\)
\[53° 19' · 59N., 3° 39' · 90W.\]

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

Chart: SC5613-3 ETRS89 DATUM

Insert \(\text{Wk}\)
\[53° 24' · 89N., 3° 24' · 77W.\]

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

Chart: SC5613-3 ETRS89 DATUM
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, \( d \), enclosed by 2m contour

\[ (a) \quad 54^\circ 05' \cdot 626 N. , \ 3^\circ 13' \cdot 645 W. \]

Insert drying height, \( D \)

\[ (b) \quad 54^\circ 05' \cdot 926 N. , \ 3^\circ 14' \cdot 046 W. \]

Insert drying height, \( D \)

\[ 54^\circ 05' \cdot 984 N. , \ 3^\circ 14' \cdot 132 W. \]

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

\[ 54^\circ 06' \cdot 076 N. , \ 3^\circ 14' \cdot 285 W. \]

Insert drying height, \( I \)

\[ (c) \quad 54^\circ 06' \cdot 091 N. , \ 3^\circ 14' \cdot 269 W. \]

Insert 0m low water line, joining:

\[ (d) \quad 54^\circ 06' \cdot 074 N. , \ 3^\circ 14' \cdot 305 W. \]

\[ (e) \quad 54^\circ 06' \cdot 092 N. , \ 3^\circ 14' \cdot 287 W. \]

and

\[ (f) \quad 54^\circ 06' \cdot 067 N. , \ 3^\circ 14' \cdot 265 W. \]

\[ (g) \quad 54^\circ 06' \cdot 064 N. , \ 3^\circ 14' \cdot 285 W. \]

Delete former 0m low water line, joining:

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

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

and

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

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

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

\[ 53^\circ 30' \cdot 12 N. , \ 3^\circ 12' \cdot 18 W. \]

\[ 53^\circ 28' \cdot 92 N. , \ 3^\circ 09' \cdot 00 W. \]

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

\[ 53^\circ 30' \cdot 12 N. , \ 3^\circ 13' \cdot 13 W. \]

\[ 53^\circ 29' \cdot 70 N. , \ 3^\circ 13' \cdot 33 W. \]

\[ 53^\circ 28' \cdot 48 N. , \ 3^\circ 11' \cdot 10 W. \]

light, Fl.Y.2.5s2M, at wind turbine

\[ 53^\circ 29' \cdot 08 N. , \ 3^\circ 12' \cdot 22 W. \]

light, Fl.Y.5s5M, at wind turbine

\[ 53^\circ 28' \cdot 70 N. , \ 3^\circ 09' \cdot 58 W. \]

\[ 53^\circ 28' \cdot 90 N. , \ 3^\circ 09' \cdot 95 W. \]
Chart: SC5613-4 (Panel A, Approach to Liverpool) ETRS89 DATUM
Amend fog signal, Horn(1)10s, at wind turbine 53° 29'·12N., 3° 09'·37W.
Delete fog signal to, Horn(1)30s, at wind turbine 53° 30'·12N., 3° 12'·18W.
Delete light, Fl.Y.5s13m5M, and associated fog signal, Horn(1)10s, at wind turbine 53° 30'·12N., 3° 13'·13W.

L3469/19 ENGLAND — West Coast — — Obstruction.
Source: ms Lode
Chart: SC5613-14 ETRS89 DATUM
Insert Obstn 54° 00'·36N., 3° 25'·23W.

L3474/19 ENGLAND — West Coast — — Obstruction.
Source: Peel Ports Notice 29/19
Chart: SC5613-6 ETRS89 DATUM
Insert Obstn, drying height 2. 53° 22'·478N., 2° 59'·664W.

L3654/19 ENGLAND — West Coast — — Buoyage.
Source: Peel Ports Notice 33/19
Chart: SC5613-6 ETRS89 DATUM
Replace Fl(3)G.9s RF with Q(3)10s RF 53° 22'·498N., 2° 59'·658W.

L3714/19 WALES — North Coast — — Depths.
Source: Tarmac Marine
Chart: SC5613-1 ETRS89 DATUM
Insert depth 9, enclosed by 10m contour 53° 26'·78N., 3° 24'·69W.
Insert depth, 15. 53° 27'·19N., 3° 24'·20W.
Chart: SC5613-3 ETRS89 DATUM
Insert depth, 15. 53° 27'·19N., 3° 24'·20W.
Insert depth 9, enclosed by 10m contour 53° 26'·78N., 3° 24'·69W.

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.

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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' ·64  N., 6° 06' ·36  W.
53° 30' ·85  N., 6° 03' ·98  W.
53° 31' ·43  N., 6° 02' ·18  W.
53° 32' ·82  N., 5° 46' ·81  W.
53° 34' ·87  N., 5° 46' ·31  W.
53° 37' ·33  N., 5° 22' ·48  W.
53° 43' ·90  N., 5° 17' ·70  W.
53° 53' ·88  N., 4° 51' ·93  W.
53° 54' ·00  N., 4° 49' ·68  W.
53° 56' ·33  N., 4° 33' ·71  W.
53° 52' ·59  N., 4° 00' ·69  W.
53° 54' ·21  N., 3° 57' ·82  W.
53° 52' ·58  N., 3° 44' ·13  W.
53° 55' ·50  N., 3° 33' ·28  W.
53° 53' ·90  N., 3° 24' ·38  W.
53° 53' ·03  N., 3° 06' ·35  W.
53° 53' ·09  N., 3° 02' ·85  W.

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, \( d \),
\[
(a) 53° 24'·03\text{N.}, 3° 13'·03\text{W}. 
\]
Delete drying height, \( d \), close E of:
\( (a) \) above
Insert drying height, \( f \),
\[
(b) 53° 24'·02\text{N.}, 3° 13'·19\text{W}. 
\]
Delete drying height, \( f \), close NW of:
\( (b) \) above
Replace depth, \( 3 \), with depth, \( 0 \), and extend 2m contour N to enclose
\[
53° 25'·13\text{N.}, 3° 14'·31\text{W}. 
\]

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
\[
54°51'·90\text{N.}, 3°25'·60\text{W}. , \text{joining:} 
54° 52'·02\text{N.}, 3° 25'·80\text{W}. 
54° 51'·77\text{N.}, 3° 25'·80\text{W}. 
\]
Insert circular limit of spoil ground, radius
0·17M, pecked line, centred on:
\[
54° 51'·90\text{N.}, 3° 25'·60\text{W}. 
\]
legend, Spoil Ground, centred on: above

Chart: SC5613·15 ETRS89 DATUM
Insert circular limit of spoil ground, radius 0·17M, pecked line,
centred on:
\[
54° 51'·90\text{N.}, 3° 25'·60\text{W}. 
\]
legend, Spoil Ground, centred on:
\[
54° 52'·03\text{N.}, 3° 26'·21\text{W}. 
\]

Source: British Government Survey

Chart: SC5613·1 ETRS89 DATUM
Insert depth, \( 3 \),
\[
(a) 53° 22'·01\text{N.}, 3° 40'·19\text{W}. 
\]
Delete depth, \( 4 \), close W of:
\( (a) \) above

Chart: SC5613·3 ETRS89 DATUM
Insert depth, \( 0 \),
\[
(a) 53° 20'·43\text{N.}, 3° 29'·28\text{W}. 
\]
Delete depth, $d$, close SE of: (a) above
Insert depth, $d$;
Delete depth, $d$, close W of: (b) above
Insert depth, $d$, enclosed by 2m contour
  depth, $d$, and extend 2m contour N to enclose
depth, $d$, and extend 2m contour N to enclose (c) 53° 22' -67N. , 3° 23' -86W.
Delete depth, $d$, close NE of: (c) above
Insert drying height, $h$, and extend 2m low water line SE to enclose (d) 53° 22' -13N. , 3° 18' -71W.
Delete depth, $d$, close W of: (d) above
Replace $Wk$ with $Wk$
  depth, $d$, with depth, $d$, and extend 2m contour E to enclose 53° 19' -59N. , 3° 39' -90W.

L4373/19 ENGLAND — West Coast — — NM Blocks.
Source: Trinity House
Chart: SC5613·3 ETRS89 DATUM
Insert the accompanying block, centred on: 53° 22' -5N. , 3° 21' -6W.

L4376/19 ENGLAND — West Coast — — Buoy.
Source: United Utilities
Chart: SC5613·8 (Panel A, River Ribble) ETRS89 DATUM
Insert 53° 47' -04N. , 3° 04' -57W.
Chart: SC5613·9 ETRS89 DATUM
Temporary/Preliminary NMs
L4339(P)/19 IRISH SEA —— Works. Submarine cable.
Source: Irish Maritime Administration

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

- 53° 29' ·63 N., 6° 06' ·39 W.
- 53° 29' ·86 N., 6° 04' ·35 W.
- 53° 30' ·07 N., 6° 03' ·68 W.
- 53° 30' ·25 N., 6° 03' ·34 W.
- 53° 31' ·15 N., 6° 02' ·67 W.
- 53° 31' ·55 N., 6° 01' ·49 W.
- 53° 32' ·71 N., 5° 47' ·18 W.
- 53° 32' ·99 N., 5° 46' ·48 W.
- 53° 34' ·84 N., 5° 46' ·63 W.
- 53° 36' ·07 N., 5° 28' ·10 W.
- 53° 37' ·10 N., 5° 26' ·10 W.
- 53° 38' ·83 N., 5° 23' ·24 W.
- 53° 37' ·54 N., 5° 22' ·29 W.
- 53° 40' ·22 N., 5° 20' ·13 W.
- 53° 41' ·24 N., 5° 15' ·86 W.
- 53° 44' ·20 N., 5° 09' ·90 W.
- 53° 49' ·08 N., 4° 56' ·56 W.
- 53° 46' ·96 N., 4° 29' ·54 W.
- 53° 46' ·40 N., 4° 26' ·16 W.
- 53° 45' ·84 N., 4° 12' ·83 W.
- 53° 44' ·03 N., 3° 56' ·32 W.
- 53° 43' ·80 N., 3° 42' ·87 W.
- 53° 44' ·11 N., 3° 31' ·16 W.
- 53° 43' ·28 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. Charts will be updated when full details are available.
5. Former Notice L4096(P)/19 is cancelled. (WGS84 DATUM)

Charts affected—SC5609, SC5612, SC5613 and SC5621
L4485/19 ENGLAND — West Coast — — Depths. Drying heights.
Source: British Government Survey

Chart: SC5613·10 ETRS89 DATUM

Insert depth, \(5\) \(N\)
Delete depth, \(6\), close W of:
Insert drying height, \(\phi\), and extend 0m low water line NE to enclose
Delete drying height, \(\phi\), close SW of:
Insert drying height, \(\phi\), enclosed by 0m low water line
Delete depth, \(1\), close N of:
Insert drying height, \(\phi\), enclosed by 0m low water line
drying height, \(\phi\), and extend 0m low water line NW to enclose

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

Insert depth, \(2\)
Delete depth, \(3\), close SE of:

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

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

\[53^\circ 32' \cdot 63N., 6^\circ 04' \cdot 72W.\]
\[53^\circ 33' \cdot 79N., 5^\circ 56' \cdot 68W.\]
\[53^\circ 44' \cdot 66N., 5^\circ 20' \cdot 24W.\]
\[53^\circ 44' \cdot 57N., 5^\circ 18' \cdot 48W.\]
\[53^\circ 50' \cdot 98N., 4^\circ 59' \cdot 38W.\]
\[53^\circ 50' \cdot 56N., 4^\circ 34' \cdot 84W.\]
\[53^\circ 50' \cdot 02N., 4^\circ 15' \cdot 05W.\]
\[53^\circ 46' \cdot 21N., 3^\circ 51' \cdot 54W.\]
\[53^\circ 45' \cdot 71N., 3^\circ 44' \cdot 65W.\]
\[53^\circ 45' \cdot 09N., 3^\circ 37' \cdot 89W.\]
\[53^\circ 44' \cdot 45N., 3^\circ 35' \cdot 51W.\]
\[53^\circ 44' \cdot 86N., 3^\circ 24' \cdot 61W.\]
\[53^\circ 45' \cdot 27N., 3^\circ 23' \cdot 64W.\]
\[53^\circ 45' \cdot 62N., 3^\circ 06' \cdot 93W.\]
53° 46'·56N., 3° 03'·46W.
and
53° 50'·98N., 4° 59'·38W.
53° 51'·19N., 4° 58'·87W.
53° 52'·74N., 4° 58'·75W.
53° 55'·44N., 4° 58'·26W.
53° 57'·68N., 4° 57'·58W.
54° 01'·00N., 4° 55'·14W.
54° 01'·78N., 4° 54'·83W.
54° 04'·28N., 4° 53'·13W.
54° 05'·04N., 4° 51'·14W.
54° 05'·41N., 4° 47'·58W.
54° 05'·37N., 4° 46'·69W.
54° 05'·17N., 4° 45'·79W.
54° 05'·12N., 4° 45'·62W.
and
53° 50'·56N., 4° 34'·84W.
53° 50'·85N., 4° 34'·06W.
53° 56'·56N., 4° 34'·05W.
54° 00'·04N., 4° 32'·42W.
54° 02'·02N., 4° 32'·32W.
54° 04'·03N., 4° 32'·80W.
54° 05'·31N., 4° 33'·98W.
54° 06'·15N., 4° 34'·62W.

4. Cable laying works are taking place between Seaton Sluice, north of Newcastle Upon Tyne on the east coast of England and Nymindegab in Jutland, on the west coast of Denmark, joining the following approximate positions:

55° 05'·25N., 1° 28'·79W.
55° 05'·78N., 1° 26'·60W.
55° 05'·70N., 1° 23'·88W.
55° 11'·17N., 1° 00'·00W.
55° 16'·10N., 0° 29'·06W.
55° 15'·72N., 0° 17'·74W.
55° 19'·68N., 0° 14'·84E.
55° 18'·73N., 0° 17'·05E.
55° 35'·40N., 2° 06'·86E.
55° 58'·24N., 3° 22'·20E.
55° 57'·01N., 3° 35'·06E.
55° 56'·69N., 3° 51'·94E.
55° 59'·22N., 3° 59'·87E.
55° 56'·76N., 4° 18'·33E.
55° 59'·89N., 4° 37'·61E.
55° 53'·45N., 5° 40'·65E.
55° 52'·33N., 6° 22'·65E.
55° 54'·83N., 6° 25'·63E.
55° 50'·61N., 7° 14'·92E.
55° 49'·21N., 7° 57'·63E.  
55° 46'·03N., 8° 10'·92E.

5. Mariners are advised to navigate with caution in these areas.
6. Charts will be updated when full details are available. (WGS84 DATUM)

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

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

Chart: SC5613·14 ETRS89 DATUM  
Delete  
Jay 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, 4n 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, 4n and extend 5m contour N to enclose  
(a) 53° 31'·31N., 3° 11'·64W.  
Delete depth, 5n, close SW of:  
(b) above  
Insert depth, 4n and extend 5m contour NE to enclose  
(b) 53° 31'·38N., 3° 07'·71W.  
Delete depth, 7n, close NW of:  
(c) above

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

Chart: SC5613·6 ETRS89 DATUM
Insert depth, 7s, and extend 10m contour SW to enclose (a) 53° 23′·093N., 2° 59′·758W.
Delete depth, 10s, close N of: (b) above
Insert depth, 9s, and extend 10m contour W to enclose (b) 53° 22′·918N., 2° 59′·635W.
Delete depth, 11s, close S of: (c) above

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

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

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

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

Charts affected – SC5613

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

Chart: SC5613·3 ETRS89 DATUM
Insert limit of restricted area, 넷넷, joining: (a) 53° 31′·01N., 3° 16′·62W.
Move ㅋㅋㅋㅋㅋㅋ, joining: (b) 53° 31′·48N., 3° 14′·95W.
Delete former limit of restricted area, 넷넷, joining: (c) 53° 32′·38N., 3°20′·00W.
Move ㅋㅋㅋㅋㅋㅋ, joining: (d) 53° 31′·40N., 3° 14′·57W.
Delete former limit of restricted area, 넷넷, joining: (b) above (a) above
Delete former limit of restricted area, 넷넷, joining: (d) above (c) above

Chart: SC5613·4 (Panel A, Approach to Liverpool) ETRS89 DATUM
Insert limit of restricted area, 넷넷, joining: (a) 53° 31′·01N., 3° 15′·00W.
Delete former limit of restricted area, joining:

- **(a)** above
  - 53° 31'·48N., 3° 14'·95W.
  - 53° 31'·49N., 3° 15'·00W.

- **(b)** above
  - 53° 31'·40N., 3° 14'·57W.

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**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.

**Chart: SC5613·1 ETRS89 DATUM**

Insert submarine cable, joining:

- 53° 38'·80N., 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, 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'·74W.
- 53° 43'·19N., 3° 30'·02W.
- 53° 44'·12N., 3° 30'·83W.
- 53° 43'·85N., 3° 36'·18W.

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

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.
Chart: SC5613-9 ETRS89 DATUM

53° 40’·99N., 3° 09’·20W.

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’·25N., 3° 30’·13W.
53° 40’·08N., 3° 08’·60W.
53° 39’·12N., 3° 06’·13W.
53° 39’·09N., 3° 03’·03W.
53° 38’·78N., 3° 01’·43W.
3. Mariners are advised to navigate with caution in the area.
4. *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′·97N., 4° 11′·20W. 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 ♦ Wk with ♦ Wk

Chart: SC5613·14 ETRS89 DATUM
Replace ♦ Wk with ♦ Wk


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’·30 N., 4° 15’·00 W.

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’·26 N., 4° 51’·61 W.
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:

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Buoy Type</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fl(5)Y.20s</td>
<td>Wave buoy</td>
<td>53° 30' · 11N., 3° 21' · 69W.</td>
</tr>
</tbody>
</table>

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:

<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>
</tbody>
</table>

(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

\[ \text{symbol, wind turbine, AeroF.R} \]

\[ 54^\circ 07' \cdot 26N., 4^\circ 51' \cdot 61W. \]

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>VQ</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’·31W.</td>
</tr>
<tr>
<td>VQ(6)+LFl.10s</td>
<td>South Cardinal</td>
<td>54° 09’·21N., 3° 34’·66W.</td>
</tr>
</tbody>
</table>

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

*Indicates new or revised entry

(ETRS89 DATUM)

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'·952 N., 3° 14'·400 W. (ETRS89 DATUM)

Charts affected—SC5613
L1831/20 ENGLAND — West Coast — — Buoy.
Source: ABP Barrow Notice 9/20

Chart: SC5613-10 ETRS89 DATUM
Insert

<table>
<thead>
<tr>
<th>Buoy Type</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fl(5)Y.15s</td>
<td>53° 59' 95N., 3° 14' .40W.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Buoy Type</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fl(5)Y.15s</td>
<td>53° 59' 95N., 3° 14' .40W.</td>
</tr>
</tbody>
</table>

Temporary/Preliminary NMs
Source: Minesto

1. The special purpose light-buoy, Fl(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 53° 55’·78N., 3° 05’·27W.

Chart: SC5613·10 ETRS89 DATUM
Insert 53° 55’·78N., 3° 05’·27W.

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:
(a) 54° 38’·788N., 3° 35’·320W.
(b) 54° 38’·706N., 3° 35’·213W.
and
54° 39’·543N., 3° 34’·237W.
54° 39’·353N., 3° 33’·830W.

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

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’·63N., 3° 29’·54W.
(b) 54° 43’·62N., 3° 35’·63W.

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’·63N., 3° 33’·09W.
(b) 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