Using the PCO Map Viewer

The PCO Map Viewer contains useful shapefiles to help with the download data from our [Data Catalogue](#), as well as links to the most recent profile charts and survey records.

Please note that some layers are enabled/disabled to be displayed at larger/smaller scales. The map allows to:

1. Latest Data viewer

By clicking on the SWRCMP Topographic Survey Units layer, the user will be able to view the attribute table for the survey unit of interest, as well as displaying the latest *profile charts* for the location. Please press the "More Info" button in the pop-up to do so. The profile charts contain the most recent survey, the survey before last and the original baseline (typically 2007). The header on the chart corresponds to the text file name of the most recent survey, available for download from our Data Catalogue. Similarly, to display the topographic survey record, click on "More Info" next to Survey Record. This will open a new page with a detailed record of all topographic surveys for the survey unit of interest. For more information on our survey schedule and data types, please visit our [Resources](#) page.

2. Control Network OSTN15

Similarly, the user is able to display attributes (i.e. coordinates and EA survey standard) by clicking on each control point. To view the **witness diagram** detailing location and coordinates in ETRS89 and OSGB36, please press the "More Info" button in the pop-up. All control points have been converted to the new OSTN15 transformation. The shapefile will be updated when changes to the control network take place and is also available for download from our [Shapefiles](#) page.

3. Topographic Interim Profiles

Shapefile containing the attribute table for all profiles surveyed during Spring and Autumn Interim surveys. Please visit our [Topographic Data](#) page for more information.

4. Topographic Baseline Profiles

Shapefile containing the attribute table for all profiles surveyed during a Baseline or Repeat Baseline survey (if the site is a Repeat Baseline site).

5. LiDAR Polygons

Shapefile detailing the record of each LiDAR survey by flying season as well as the extent of each survey polygon and the date of the next LiDAR surveys. The shapefile is split by 1km OS Tile to aid with the data download. You may use the Filter toggle to only display certain polygons or flying seasons. Please visit our LiDAR page for more information.

6. Aerial Photography Polygons

Shapefile detailing the extent and polygon name of aerial photography sets. To determine which tiles to download, please refer to the OS Tile Index. Please visit our Aerial Photography page for more information.

7. OS Tile Index

1km OS Tile Index shapefile. By clicking on each tile the user will be able to display the tile name covering each location / survey unit. This allows for easier data download from the Data Catalogue.

Basic map functionalities:

- Scroll In/Out to Zoom In/Out
- Toggle Basemap by clicking on the Basemap Gallery symbol in the Anchor Bar at the bottom.
- Press Home to return to the default map extent. Press the left and right arrows to return to the previous extent.
- View the map in full screen mode by clicking on the [ ] button.
- Enable/Disable layers by clicking on the Legend panel.
- Display a layer's attribute table by clicking on the **...** button in the Layer List / View in Attribute Table.