

Private Layers

A private layer can be created by uploading data, or as the result of a calculation within GRID*it*.

The private layers that you create are, by default, only visible from your account. You can choose to share your private layer with colleagues.

As with any other layer, you can adjust the styling of your private layer, and view the attribute table. However, your colleagues cannot see the layer.

Create a Private Layer by Uploading Data

You can drag and drop a file from your explorer into the chart.

For more options, click the + button at the top of the layers menu and you will see the following choices:

- add layer
- add group
- add WMS layer (static image files)
- add WFS layer (vector data)

For information on supported file formats that can be imported, see the Supported formats section of [Add a Layer](#). Not, this functionality will be deprecated soon.

Create a Private Layer From GRID*it* Calculations

You can create a private layer by saving the results of the following GRID*it* calculations:

- [Calculate Raster](#)
- [Burial \(Difference\) Assessment](#)
- [Markers](#)

Calculate Raster

Add, divide, multiply or subtract the difference between raster layers, then save as a private layer.

PRIVATE LAYERS – CALCULATIONS

Raster calculator

- Select layer / Fixed Value
- Select bathymetry layer A
- Select bathymetry layer B
- Select operator
- Enter the layer name
- Select layer group
- Click on 'Calculate'

Calculate raster ×

Mode

Layers ▼

Bathymetry layer A

2025 Inspection Survey ▼

Bathymetry layer B

2024 Initial Survey ▼

Operation

Subtract | A - B ▼

Layer

Difference 2025 - 2024

Private layer

Yes

No

Layer group

/My Personal Layers × ▼

Calculate

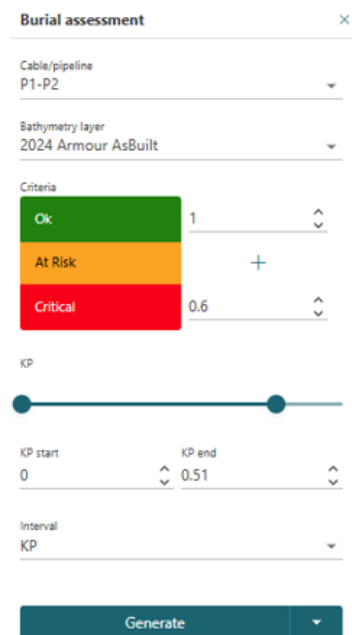
Burial (Difference) Assessment

Calculate the amount of cover above a cable/pipeline then save as a private layer.

PRIVATE LAYERS – CALCULATIONS

Burial Assessment

- Select 1 or multiple cables
- Select bathymetry
- Set criteria
- Adjust KP range
- Set interval for coverage calculation
- Click 'Generate'
- Results can be exported to CSV



The screenshot shows a 'Burial assessment' form with the following fields and controls:

- Cable/pipeline:** P1-P2
- Bathymetry layer:** 2024 Armour AsBuilt
- Criteria:** A table with three rows: 'Ok' (green) with a value of 1, 'At Risk' (orange) with a value of 0.6, and 'Critical' (red) with a value of 0.6. There is a '+' button between the 'At Risk' and 'Critical' rows.
- KP:** A horizontal slider bar.
- KP start:** 0
- KP end:** 0.51
- Interval:** KP
- Generate:** A button with a dropdown arrow.

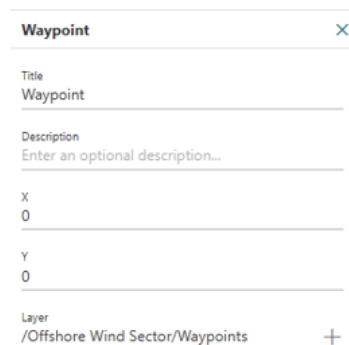
Markers

Enter coordinates manually and save as a private layer.

PRIVATE LAYERS – WAYPOINTS

Waypoint

- Entering coordinates manually
- Selecting location interactively on the screen
- Each waypoint is added to database



The screenshot shows a 'Waypoint' form with the following fields and controls:

- Title:** Waypoint
- Description:** Enter an optional description...
- X:** 0
- Y:** 0
- Layer:** /Offshore Wind Sector/Waypoints
- +** A button to add the waypoint.

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