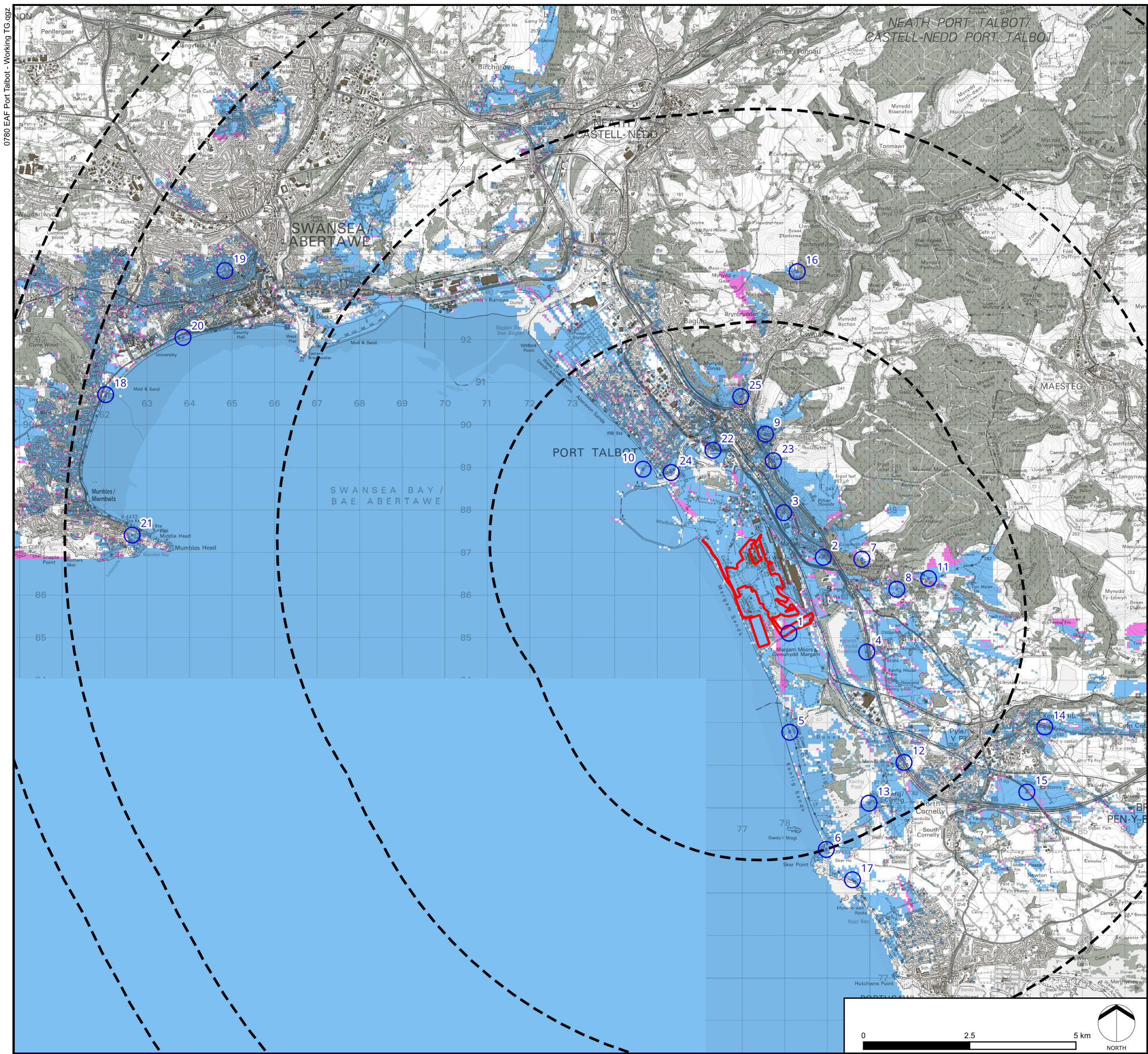


EAF PORT TALBOT

FIGURE 1
Zone of Theoretical Visibility and Viewpoints



KEY

-  Site Boundary
-  Distance Radii from Site Boundary (5, 10, 15, 17km)
-  Existing Woodland (modelled at 15m)
-  Existing Buildings (modelled at 7.5m)
-  Viewpoints

Zone of Theoretical Visibility

-  Proposed facilities may be visible

FIGURE DATA:
This figure has been based on the following data:

Layout file: D001-obvs-Whole-Site-T50
Terrain data: T50_DSM_Assumed_Height_Building_Difference
Viewer's eye height: 2m above ground level
Calculation grid size: 50m

NOTES:
This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.

The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and buildings.

A digital surface model (DSM) has been derived from OS Terrain 50 height data with the locations of woodland and buildings taken from the OS Open Map Local dataset. Buildings have been modelled with an assumed height of 7.5m and woodland an assumed height of 15m, representing a conservative estimate of average heights within the study area.

The model does not take into account some localised features such as small copses, hedgerows or individual trees and therefore still gives an exaggerated impression of the extent of visibility. The actual extent of visibility on the ground will be less than that suggested by this plan.

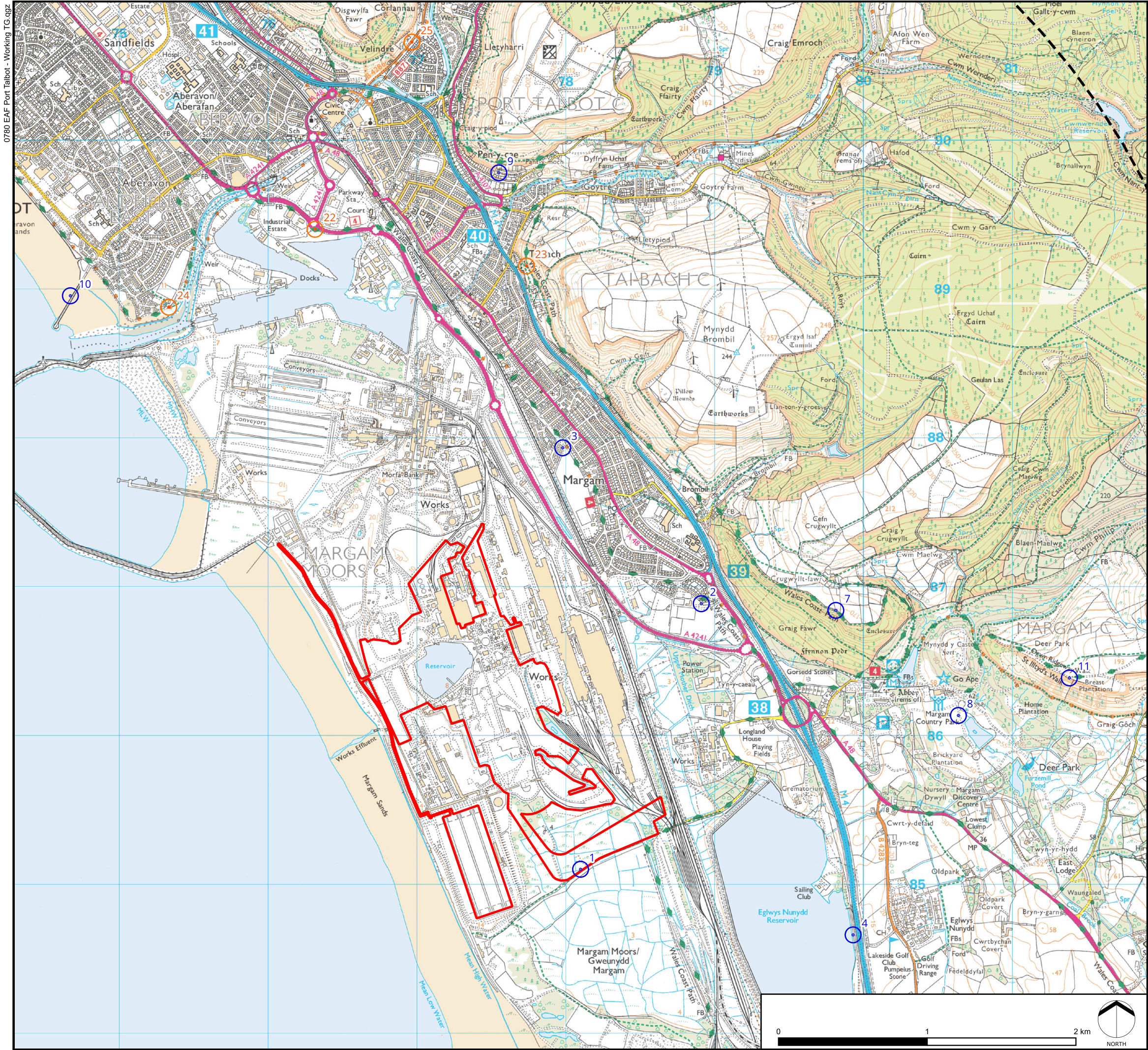
The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a derived DSM and has a 50m² resolution.

Projected Coordinate System: British National Grid

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FIGURE 2
Site Boundary and Viewpoints



KEY

- Site Boundary
- Distance Radius from Site Boundary (5km)
- Viewpoints

Projected Coordinate System: British National Grid

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