



- LEGEND**
- Llyr Offshore Project Boundary
  - Llyr Array Area
  - Llyr Indicative Turbine Locations
  - Study Area 45km
  - 12 Nautical Mile UK Territorial Limit
  - Consented Projects
  - Application Projects
  - Llyr Project Theoretically Visible
  - Consented and Application Projects Theoretically Visible
  - Llyr, Consented and Application Projects Theoretically Visible

**NOTES**

**Spatial Reference**  
 Name: WGS 1984 UTM Zone 30N  
 GCS: GCS WGS 1984  
 Datum: WGS 1984  
 Projection: Transverse Mercator  
 Map Units: Meter

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Zone of Theoretical Visibility (ZTV) for the proposed Llyr turbine array areas, based on a maximum hub height of 177m above sea level, calculated from Indicative WTG hub height locations. Zone of Theoretical Visibility for Erebus is based on hub height of 149m calculated from published turbine locations. Zone of Theoretical Visibility for White Cross is based on a maximum hub height of 153m calculated from published turbine locations. ZTV calculated with a viewer height of 1.8m using a Digital Terrain Model based on OS Terrain 5, which does not take account of the screening effects of vegetation, buildings or other structures. Points not covered by OS Terrain 5 data were given a height of 3.63m (High Astronomical Tide).

**ISSUE PURPOSE**

FINAL

**PROJECT NUMBER**  
 60669422

**FIGURE TITLE**  
 Offshore Cumulative Night-time ZTV (existing, consented and application schemes + proposed Project)

**FIGURE NUMBER**  
 Figure 23.17