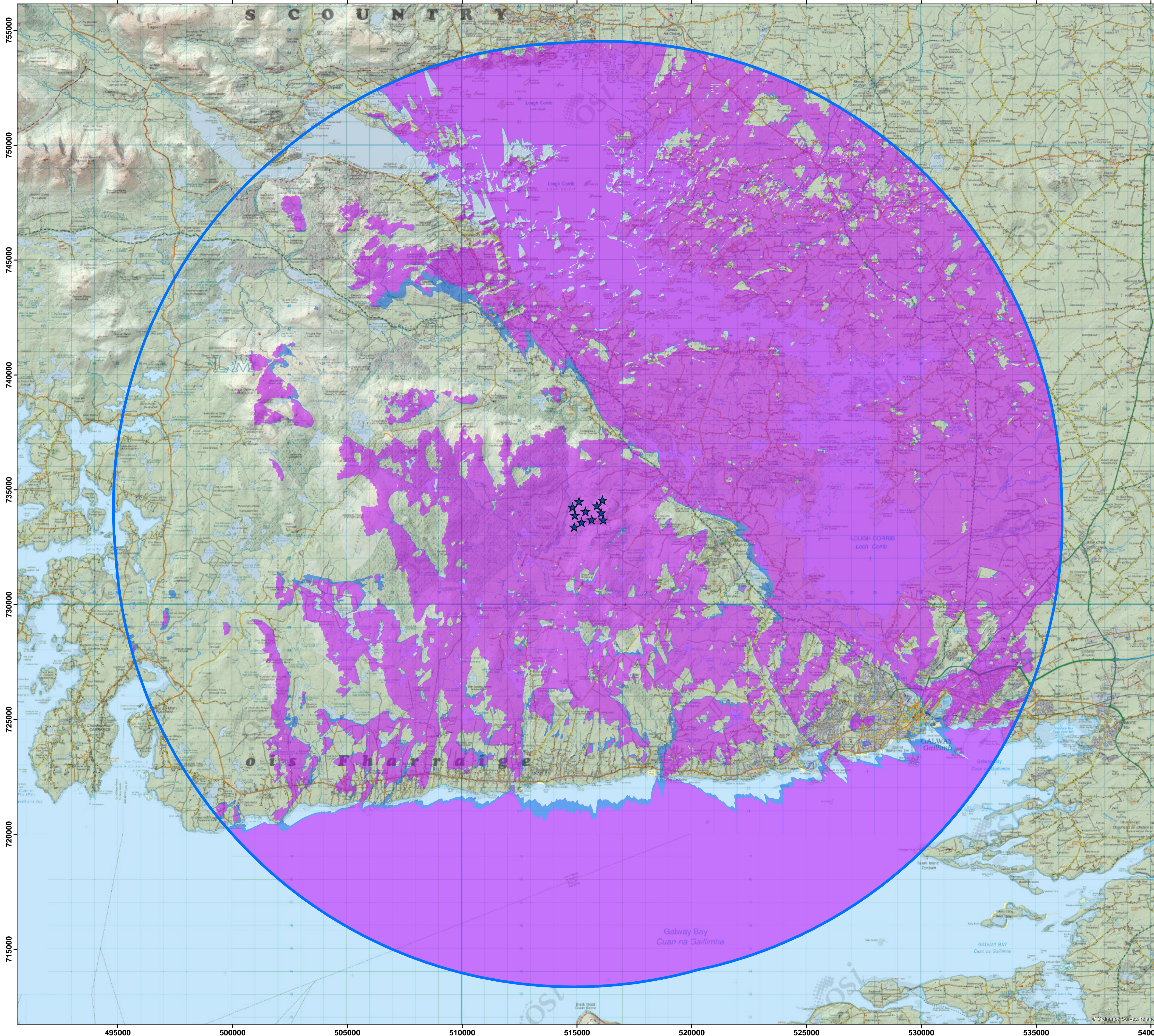


# Appendix 4.3 - ZTV indicating the comparative theoretical visibility of the permitted turbines at Knockranny Wind Farm relative to the proposed larger turbines



## Proposed Turbines



## Wind Farm Visibility

**62.7%** *Visibility of the permitted turbines*

**2.3%** *Area of increased visibility resulting from the proposed larger turbines*

*35% of the entire study area to 20km will not have any view of the turbines*

## 20km Extent



This ZTV map has been calculated such that a turbine registers as been theoretically visible to observers in the surrounding landscape once there is an unobstructed line of sight to its blade tips.

Observer Height assumed: 2m to eye-level height  
 Blade Tip Heights: Permitted: 130m and 140m  
 Proposed: 150m

Note: This ZTV map is calculated for landform screening only and does not take account of the significant screening effects of vegetation (hedgerows, trees) and buildings inherent across the study area.

Scale: 1 : 80,000 if printed @ A1 size

