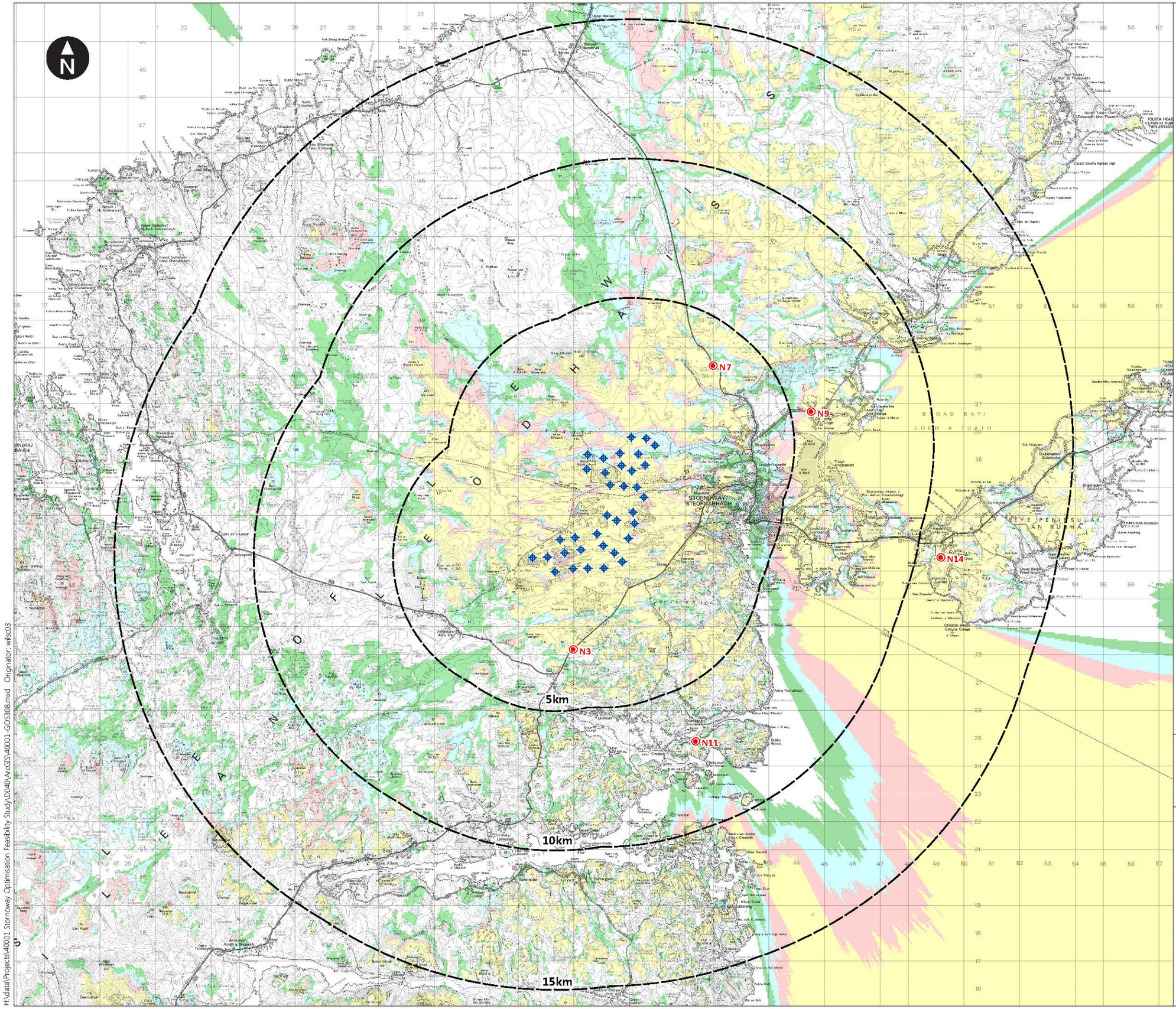

Key

- Proposed turbine locations
- Lines indicating the distance from the proposed turbines
- 1-8 nacelle lights may be theoretically visible
- 9-17 nacelle lights may be theoretically visible
- 18-26 nacelle lights may be theoretically visible
- 27-35 nacelle lights may be theoretically visible
- Night-time Viewpoints

N3) A859 North of Liurbost (Leurbost)
N7) A857 Between Stornoway and Barabhas (Barvas)
N9) Tunga (Tong)
N11) Ranais (Ranish)
N14) An Rubha: An Cnoc (Eye Peninsula: Knock)

Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed aviation warning lights fitted to the highest practical point on the turbine nacelle using OS Terrain 50 data only, and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth.

This figure has been based on the following parameters:

Turbine layout file:	LSTORNOWAY045.WFL
Hub height:	105m / 88m
Rotor diameter	150m / 136m
Height to blade tip:	180m / 156m

0 1 2 3 4 5 6 7 8 km
Scale at A3: 1:130,000

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Client

Lewis Wind Power
Cumhachd Gaoithe

Stornoway Wind Farm
EIA Report

Figure 6D.2
ZTV (Nacelle Lights) and Night-time Viewpoint Locations (15km)

March 2019

wood.

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