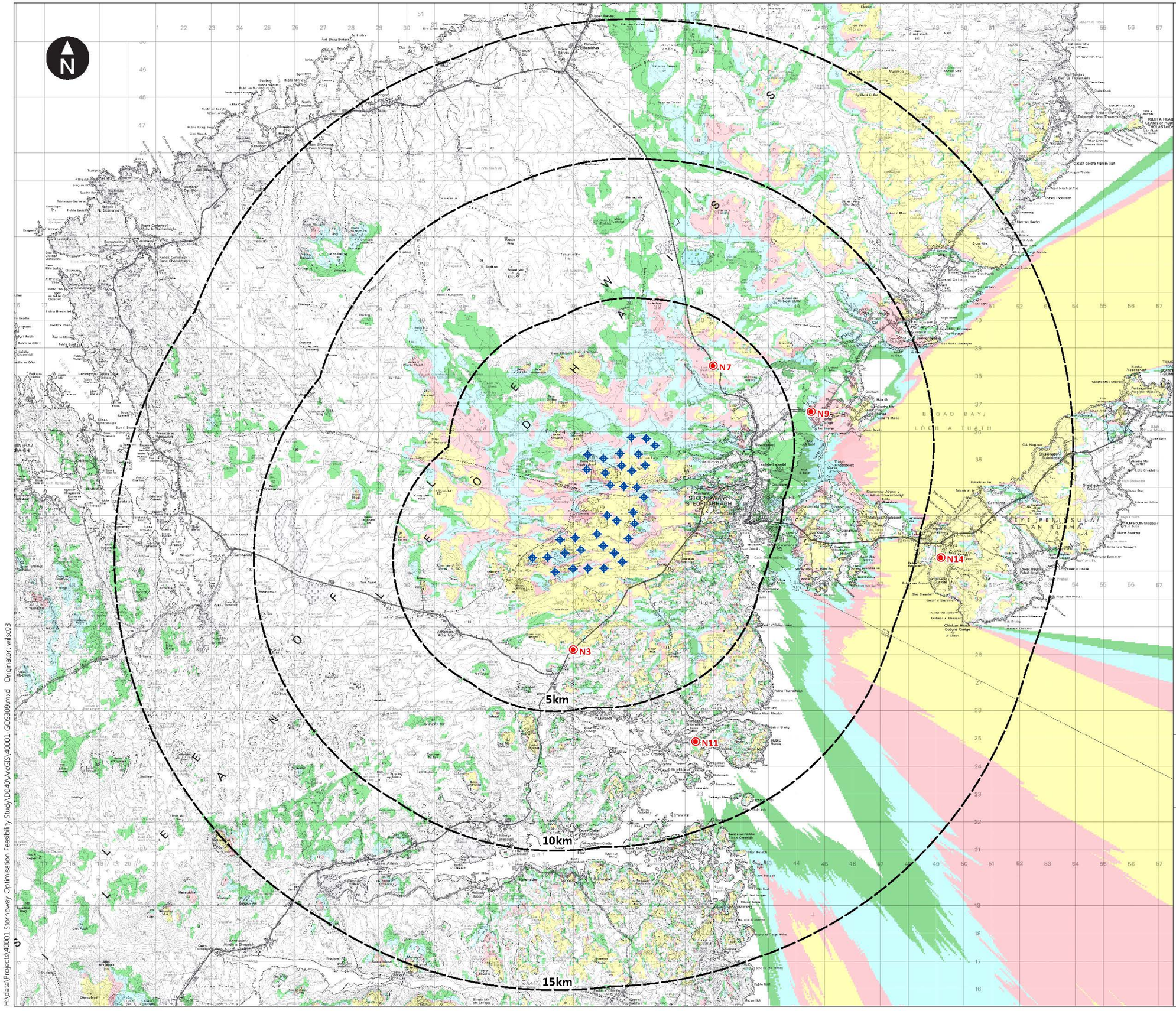

Key

- Proposed turbine locations
- Lines indicating the distance from the proposed turbines
- 1-8 tower lights may be theoretically visible
- 9-17 tower lights may be theoretically visible
- 18-26 tower lights may be theoretically visible
- 27-35 tower 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 mid-point of the turbine tower 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.3
ZTV (Tower Lights) and Night-time Viewpoint Locations (15km)

March 2019

wood.

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