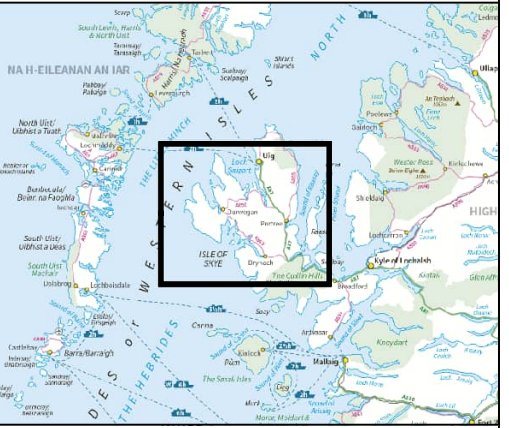


LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 5 - 20 km
- Buffer (5 km Increments)
- Cuillins Special Protection Area (SPA)



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TA 9.1
SITE LOCATION AND STATUTORY
DESIGNATED SITES WITHIN 20 KM
FIGURE 9.1.1

Scale 1:175,000 @ A3 Date JULY 2023

11223-00001-0312-0 Figure 9.1.1 Site Location and Statutory Designated Sites

128000

132000

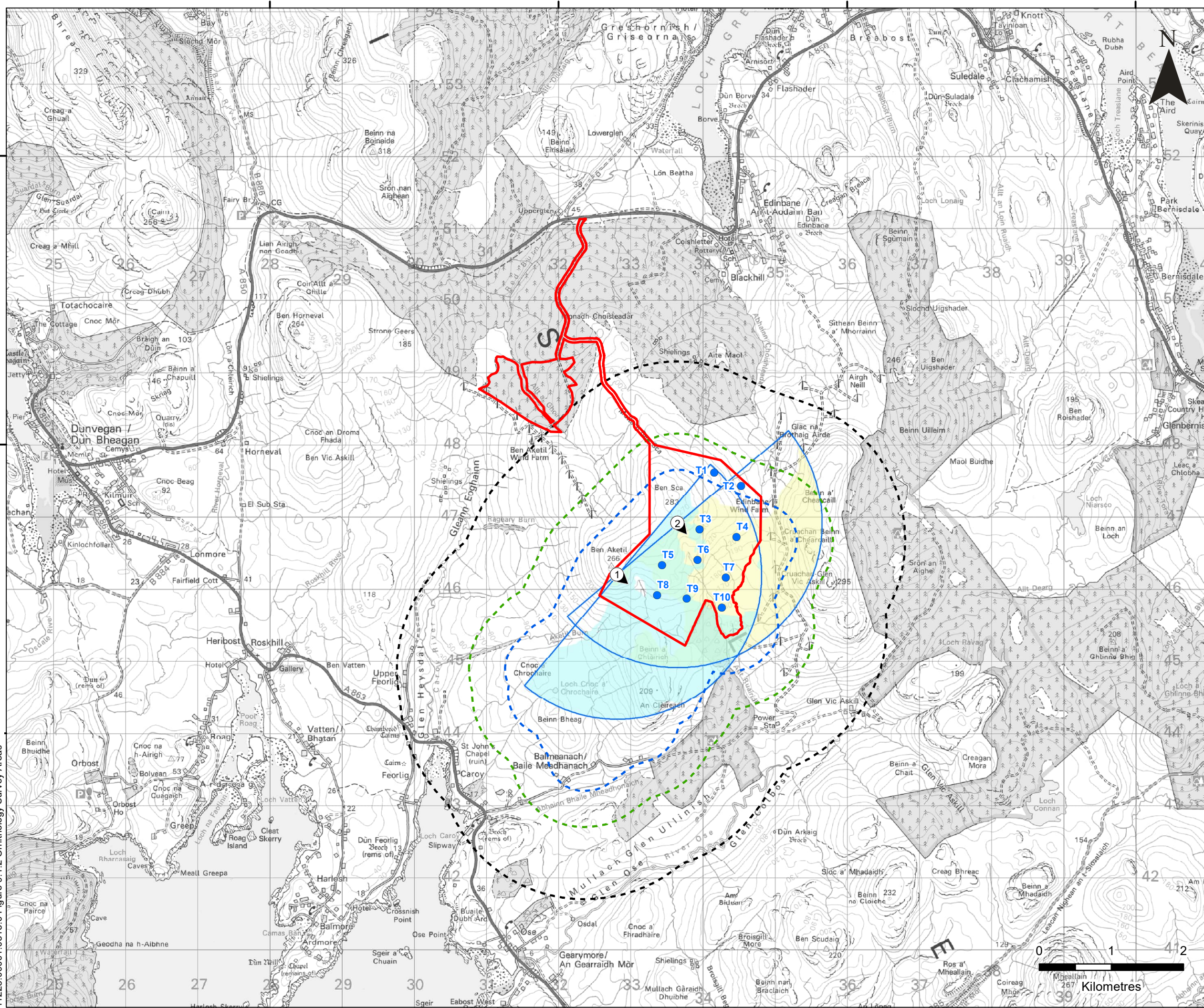
136000

140000

852000

848000

11223-00001-0313-0 Figure 9.1.2 Ornithology Survey Areas



LEGEND

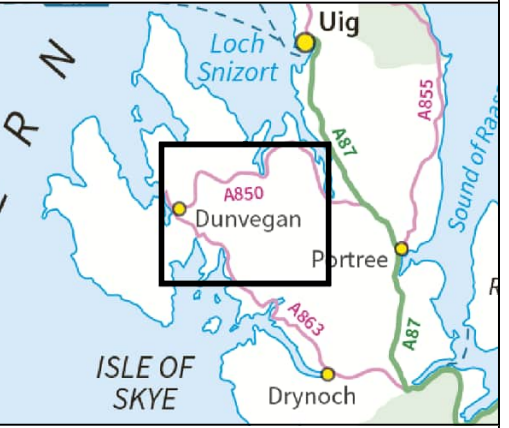
- Application Site Boundary
- Proposed Turbine Location
- ① Vantage Point
- Breeding Bird Survey Area
- Diver Survey Area
- Breeding Raptor Survey Area

Vantage Point Viewsheds

Vantage Point 1 Vantage Point 2

Note

The Zone of Theoretical Visibility (ZTV) from each viewpoint has been generated using ESRI ArcGIS Spatial Analyst extension. The digital terrain model (DTM) has been derived from OS Terrain 5 data set, with a RMSE of 2.5m. Earth curvature has been excluded in the ZTV calculation. The ZTVs have been generated with a viewing height of 1.8m above ground level, and a surface offset of 15m above ground level.



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TA 9.1
ORNITHOLOGY SURVEY AREAS INCLUDING VANTAGE POINTS AND VIEWSHEDS
FIGURE 9.1.2a

Scale 1:50,000 @ A3 Date JULY 2023

128000

132000

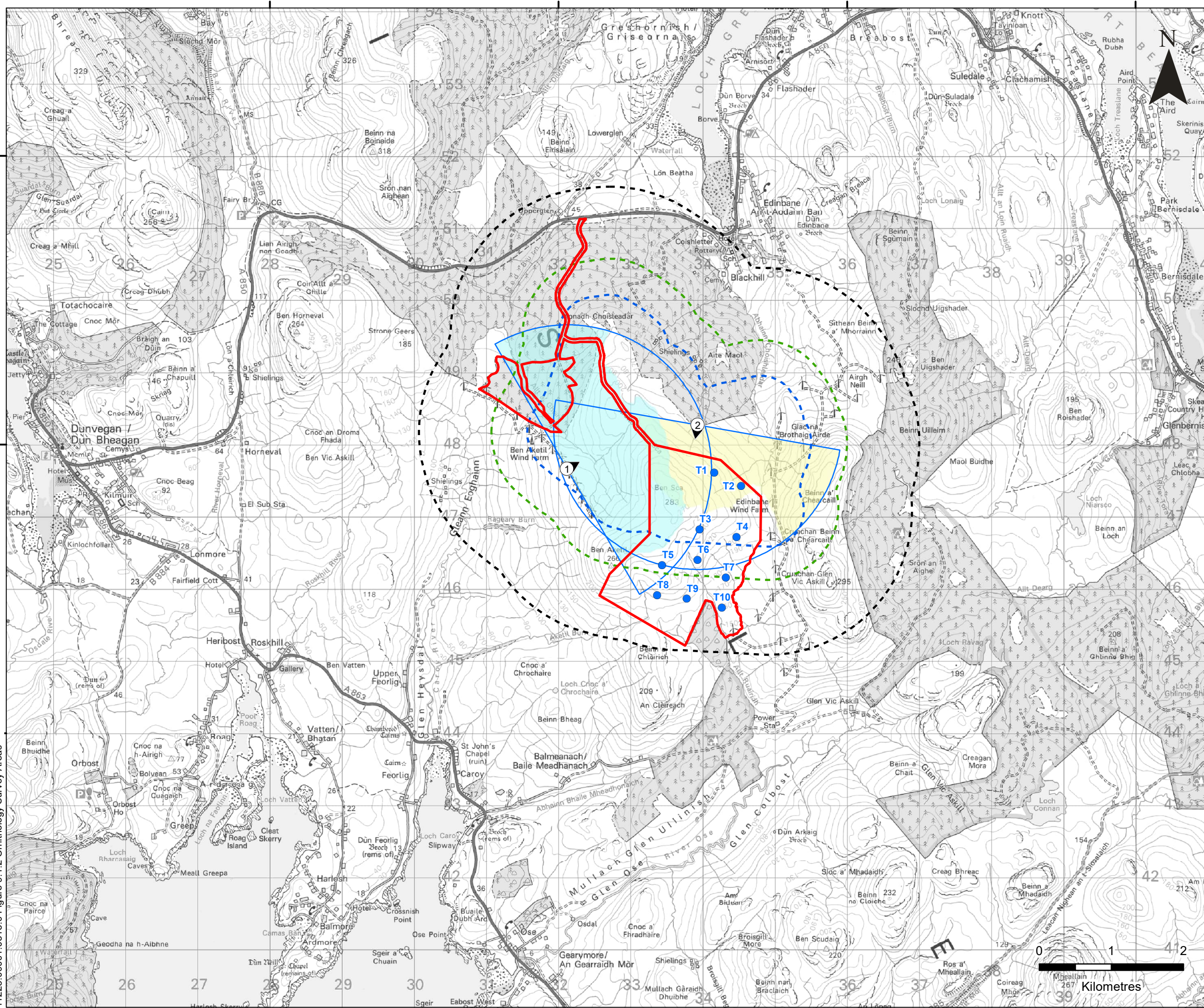
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140000

852000

848000

11223-00001-0313-0 Figure 9.1.2 Ornithology Survey Areas



LEGEND

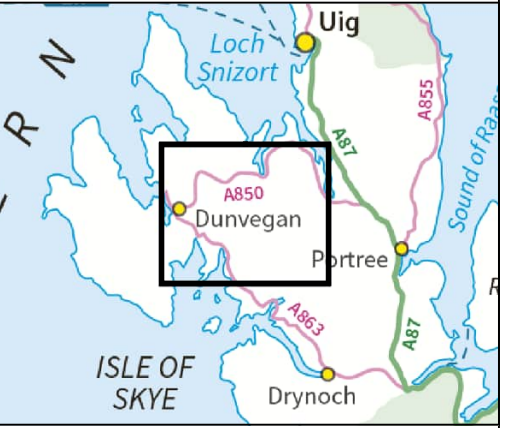
- Application Site Boundary
- Proposed Turbine Location
- Vantage Point
- Breeding Bird Survey Area
- Diver Survey Area
- Breeding Raptor Survey Area

Vantage Point Viewsheds

Vantage Point 1 Vantage Point 2

Note

The Zone of Theoretical Visibility (ZTV) from each viewpoint has been generated using ESRI ArcGIS Spatial Analyst extension. The digital terrain model (DTM) has been derived from OS Terrain 5 data set, with a RMSE of 2.5m. Earth curvature has been excluded in the ZTV calculation. The ZTVs have been generated with a viewing height of 1.8m above ground level, and a surface offset of 15m above ground level.



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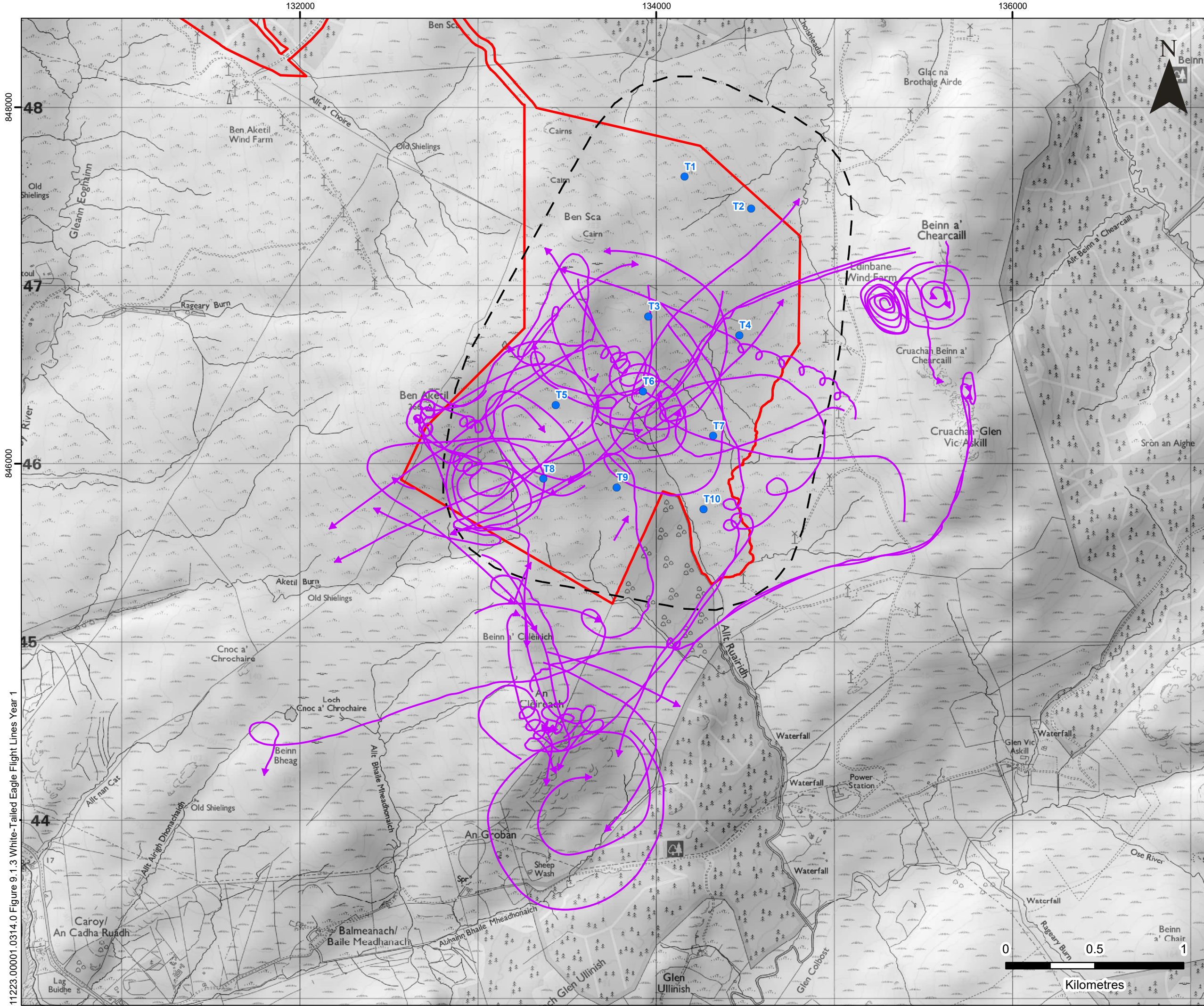
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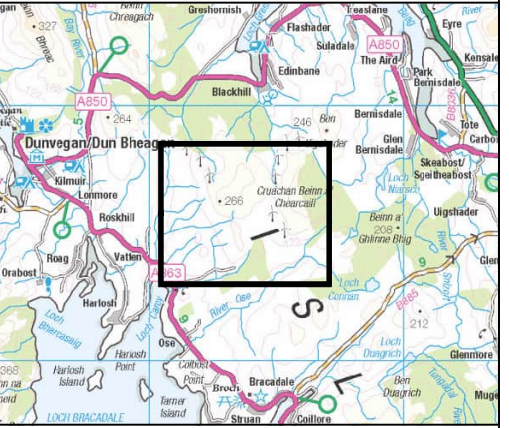
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TA 9.1
**BEN SCA ORNITHOLOGY SURVEY
AREAS INCLUDING VANTAGE POINTS
AND VIEWSHEDS**
FIGURE 9.1.2b

Scale 1:50,000 @ A3 Date JULY 2023



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m
- Buffer
- WE - White-Tailed Eagle



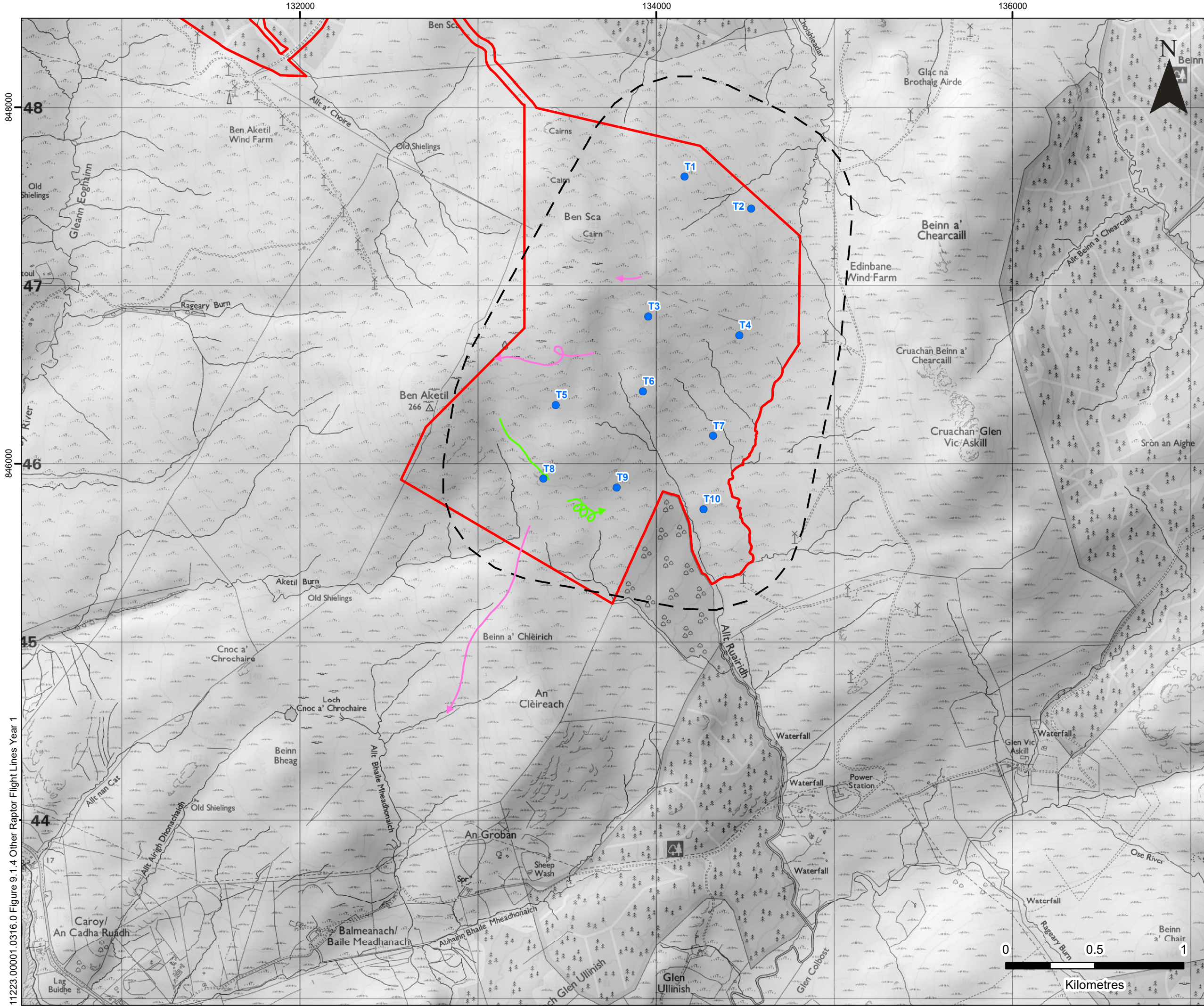
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TA 9.1
**WHITE-TAILED EAGLE
FLIGHT LINES YEAR 1**
FIGURE 9.1.3

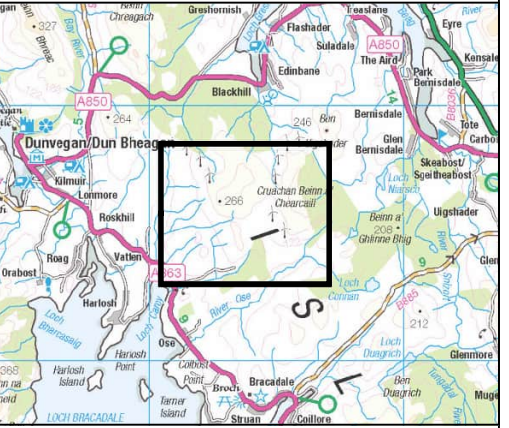
Scale 1:20,000 @ A3 Date JULY 2023

11223.00001.0314.0 Figure 9.1.3 White-Tailed Eagle Flight Lines Year 1



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m
- Buffer
- HH - Hen Harrier
- ML - Merlin



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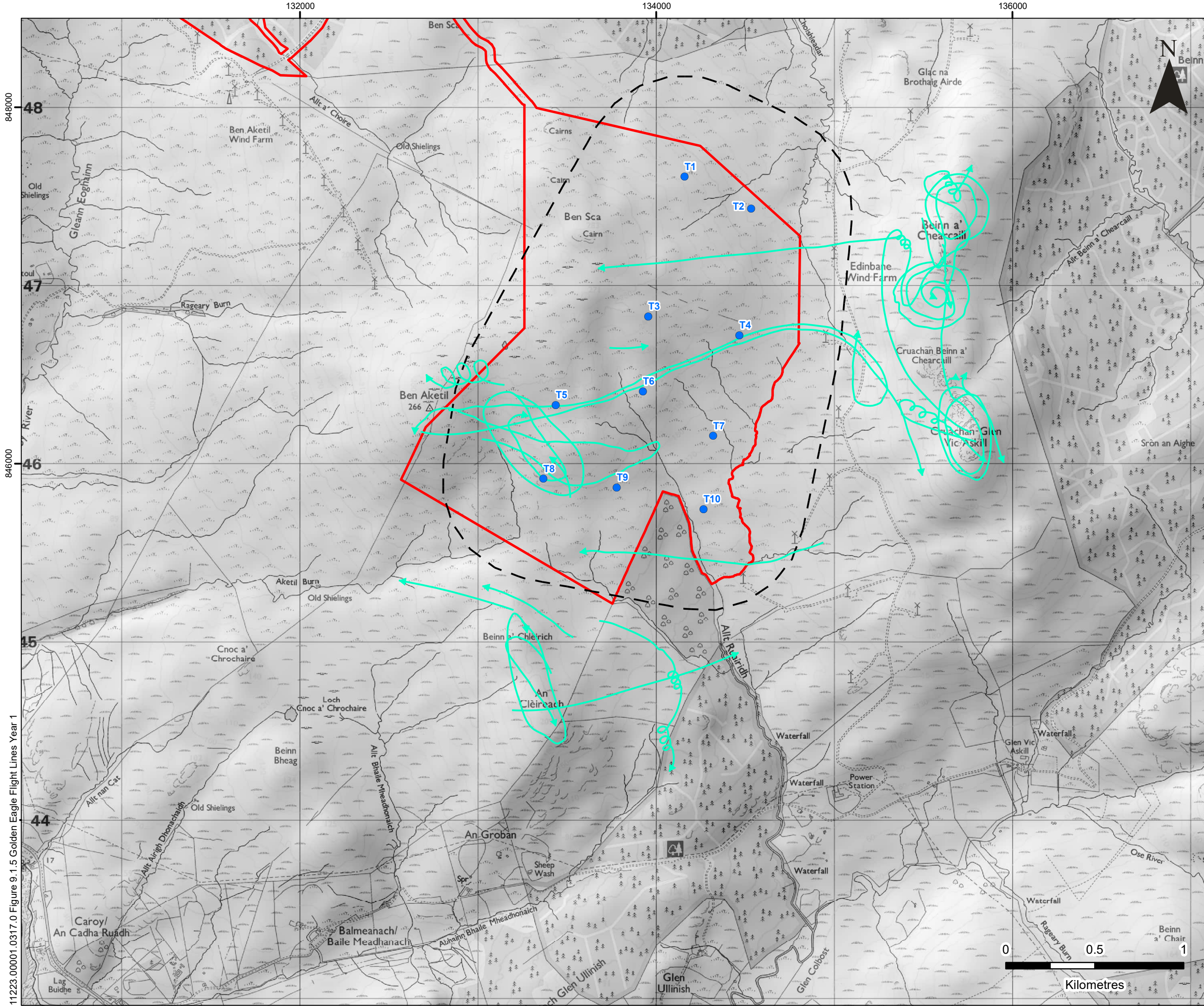
TA 9.1

**OTHER RAPTOR FLIGHT
LINES YEAR 1**

FIGURE 9.1.4

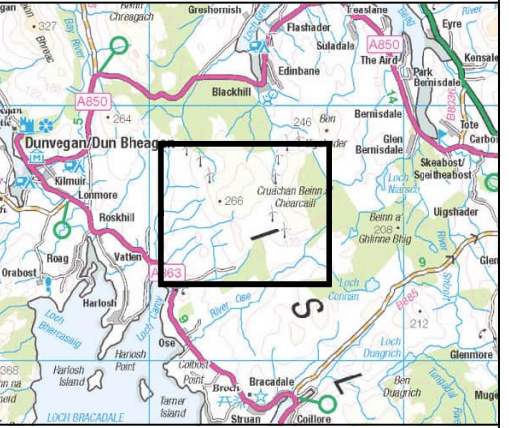
Scale: 1:20,000 @ A3 Date: JULY 2023

11223.00001.0316.0 Figure 9.1.4 Other Raptor Flight Lines Year 1



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m
- Buffer
- EA - Golden Eagle



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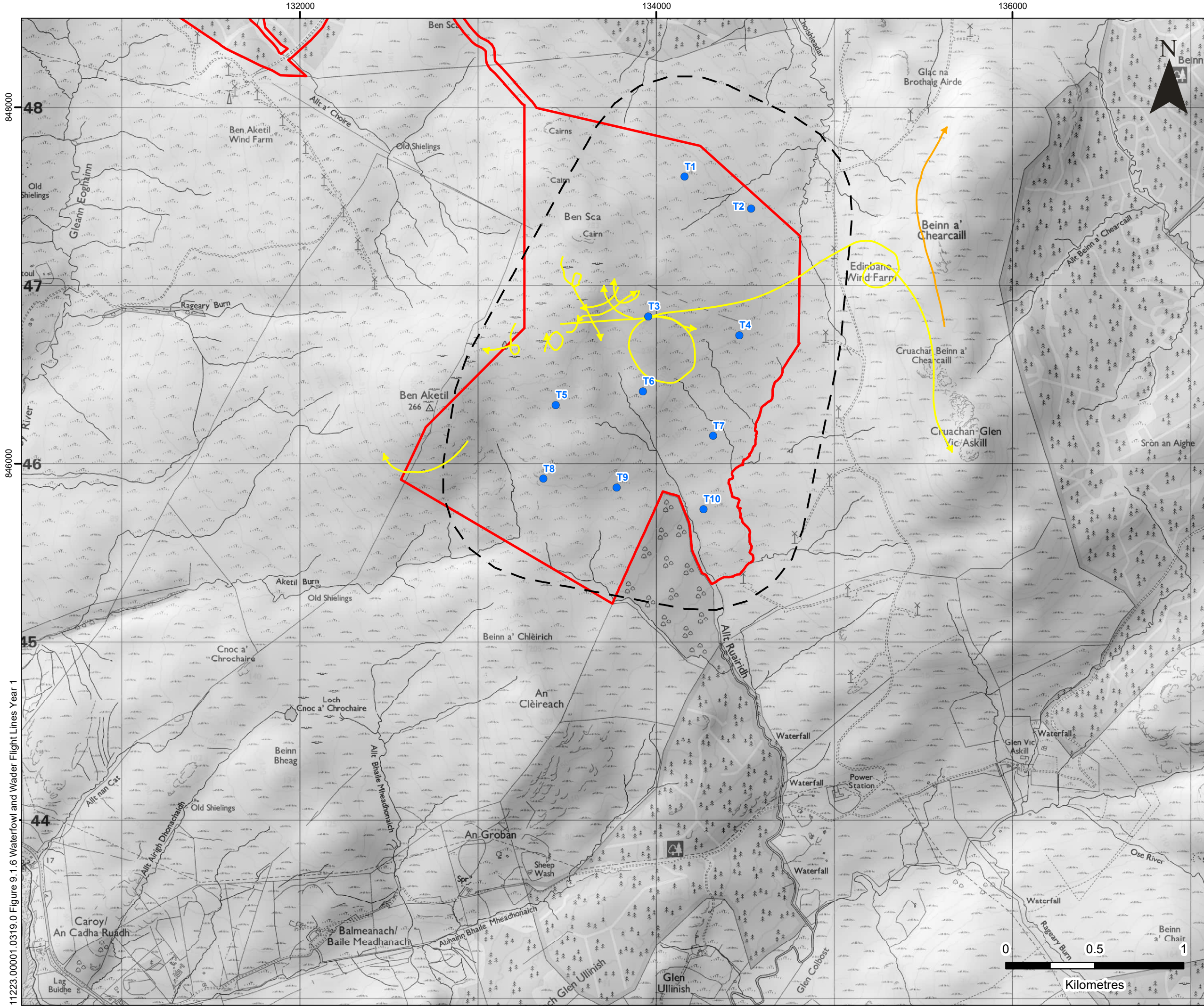
TA 9.1

**GOLDEN EAGLE
FLIGHT LINES YEAR 1**

FIGURE 9.1.5

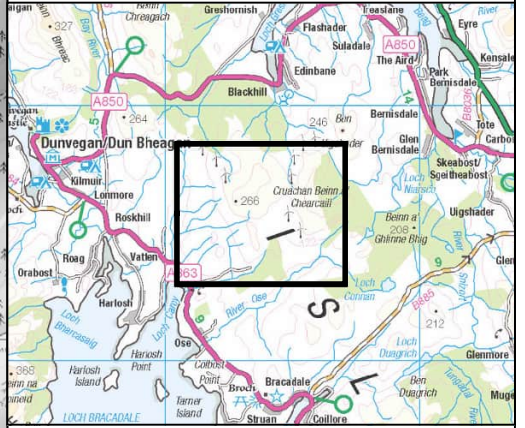
Scale 1:20,000 @ A3 Date JULY 2023

11223.00001.0317.0 Figure 9.1.5 Golden Eagle Flight Lines Year 1



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m
- Buffer
- GP - Golden Plover
- GJ - Greylag Goose



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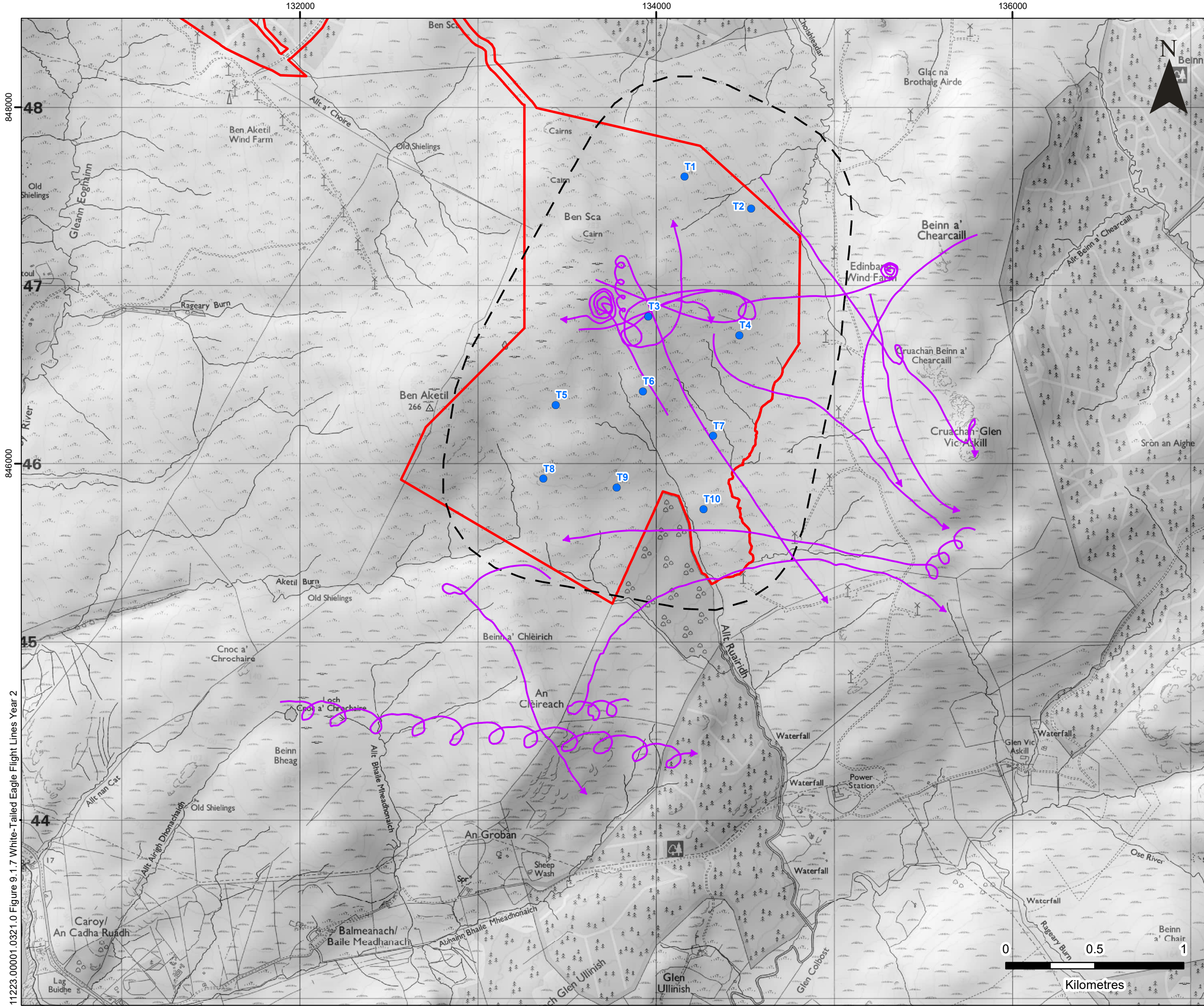
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TA 9.1
**WATERFOWL AND WADER
FLIGHT LINES YEAR 1**
FIGURE 9.1.6

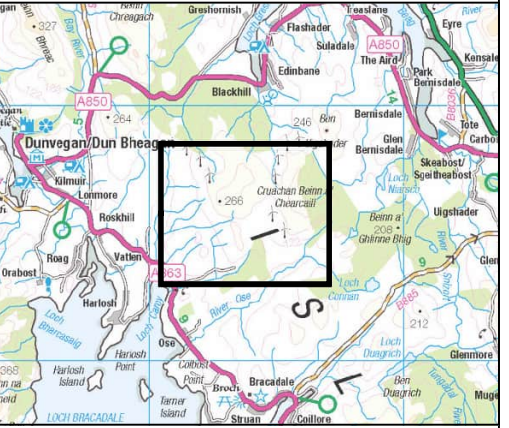
Scale 1:20,000 @ A3 Date JULY 2023

11223.00001.0319.0 Figure 9.1.6 Waterfowl and Wader Flight Lines Year 1



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m
- Buffer
- WE - White-tailed Eagle



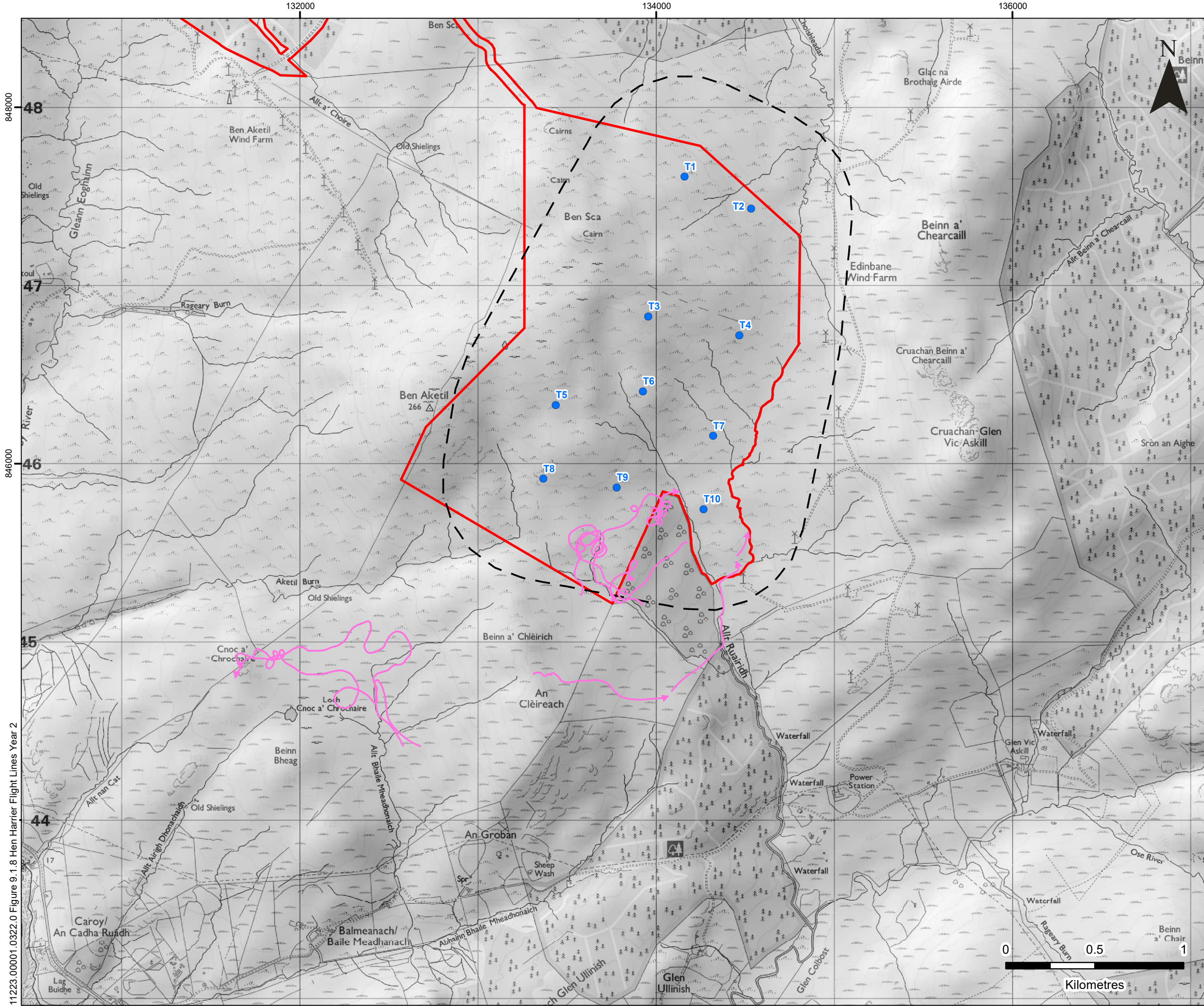
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**WHITE-TAILED EAGLE
 FLIGHT LINES YEAR 2**
FIGURE 9.1.7

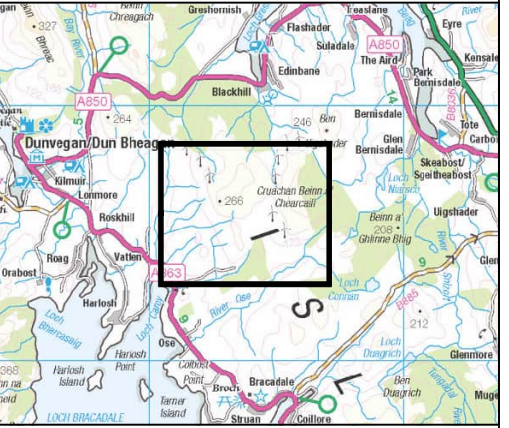
Scale 1:20,000 @ A3 Date JULY 2023

11223.00001.0321.0 Figure 9.1.7 White-Tailed Eagle Flight Lines Year 2



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m
- Buffer
- HH - Hen Harrier



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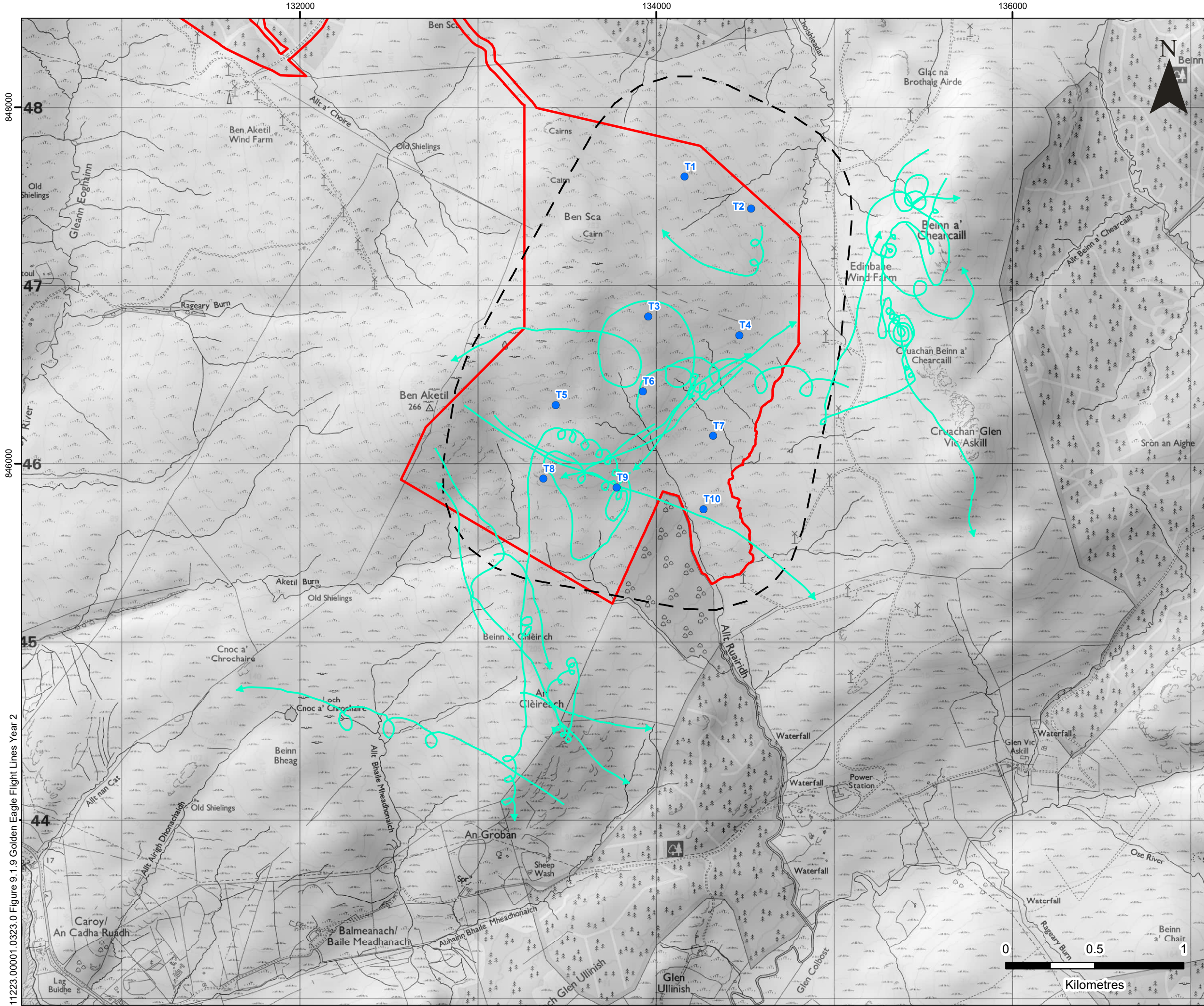
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TA 9.1
HEN HARRIER
FLIGHT LINES YEAR 2
FIGURE 9.1.8

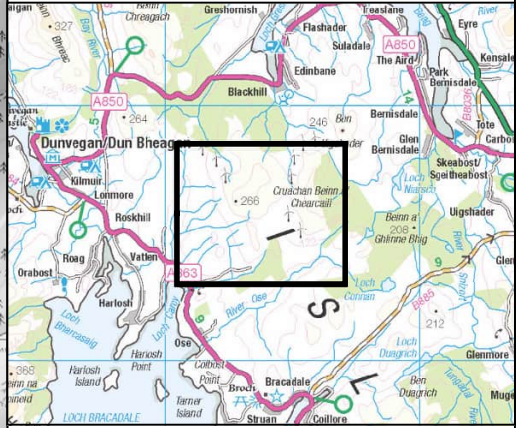
Scale 1:20,000 @ A3 Date JULY 2023

11223.00001.0922.0 Figure 9.1.8 Hen Harrier Flight Lines Year 2



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m Buffer
- EA - Golden Eagle



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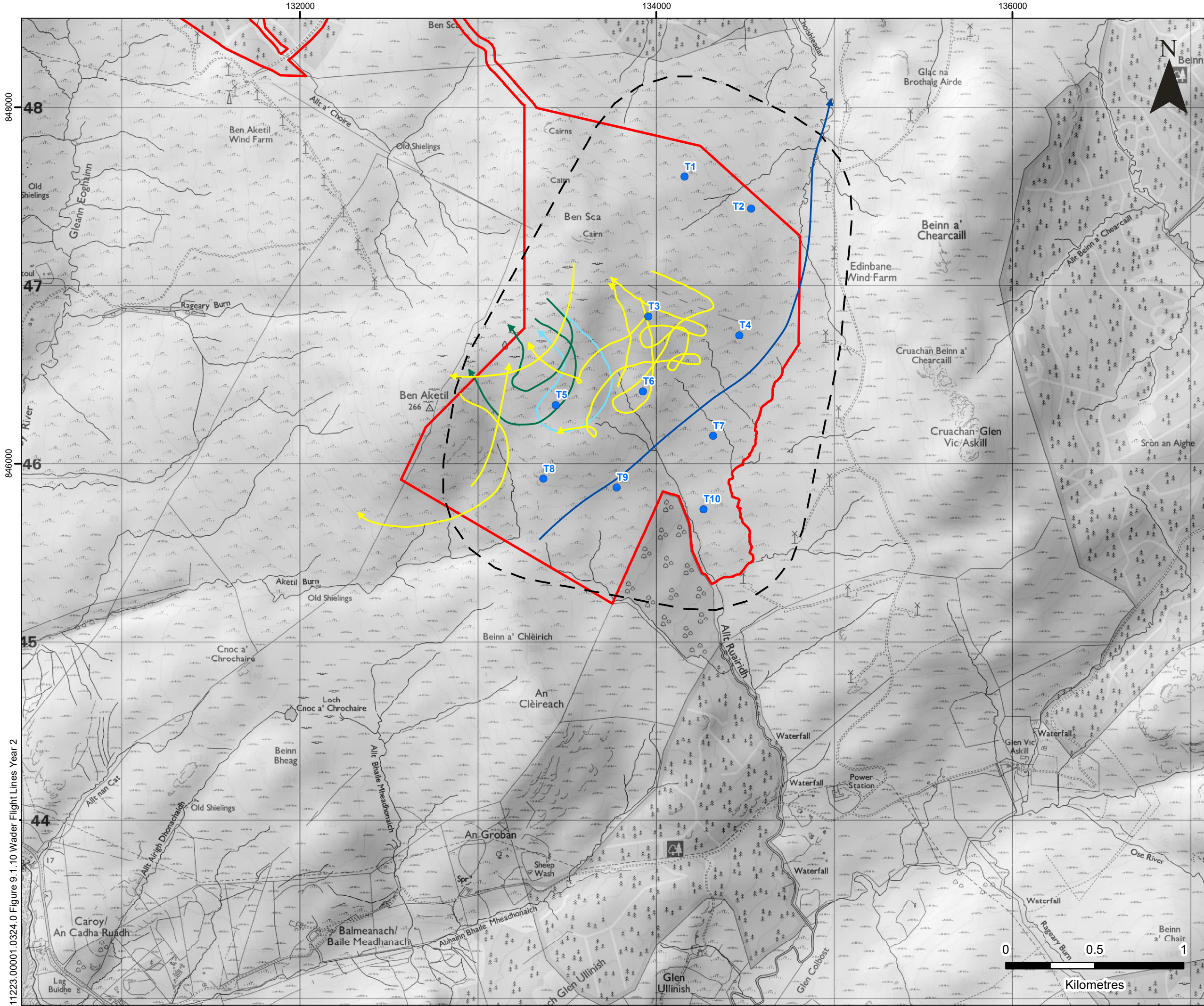
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**GOLDEN EAGLE
 FLIGHT LINES YEAR 2**
FIGURE 9.1.9

Scale 1:20,000 @ A3 Date JULY 2023

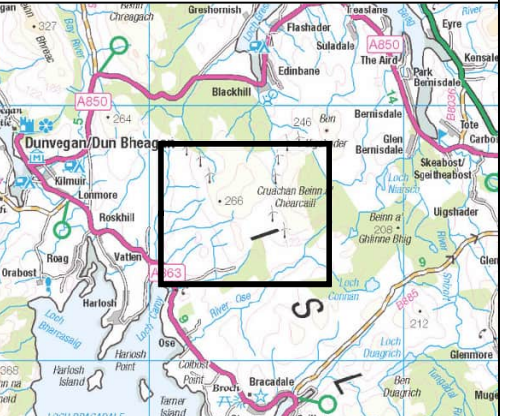


11223.00001.0923.0 Figure 9.1.9 Golden Eagle Flight Lines Year 2



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Proposed Turbine Location 569 m Buffer
- GP - Golden Plover
- GK - Greenshank
- SN - Snipe
- WM - Whimbrel



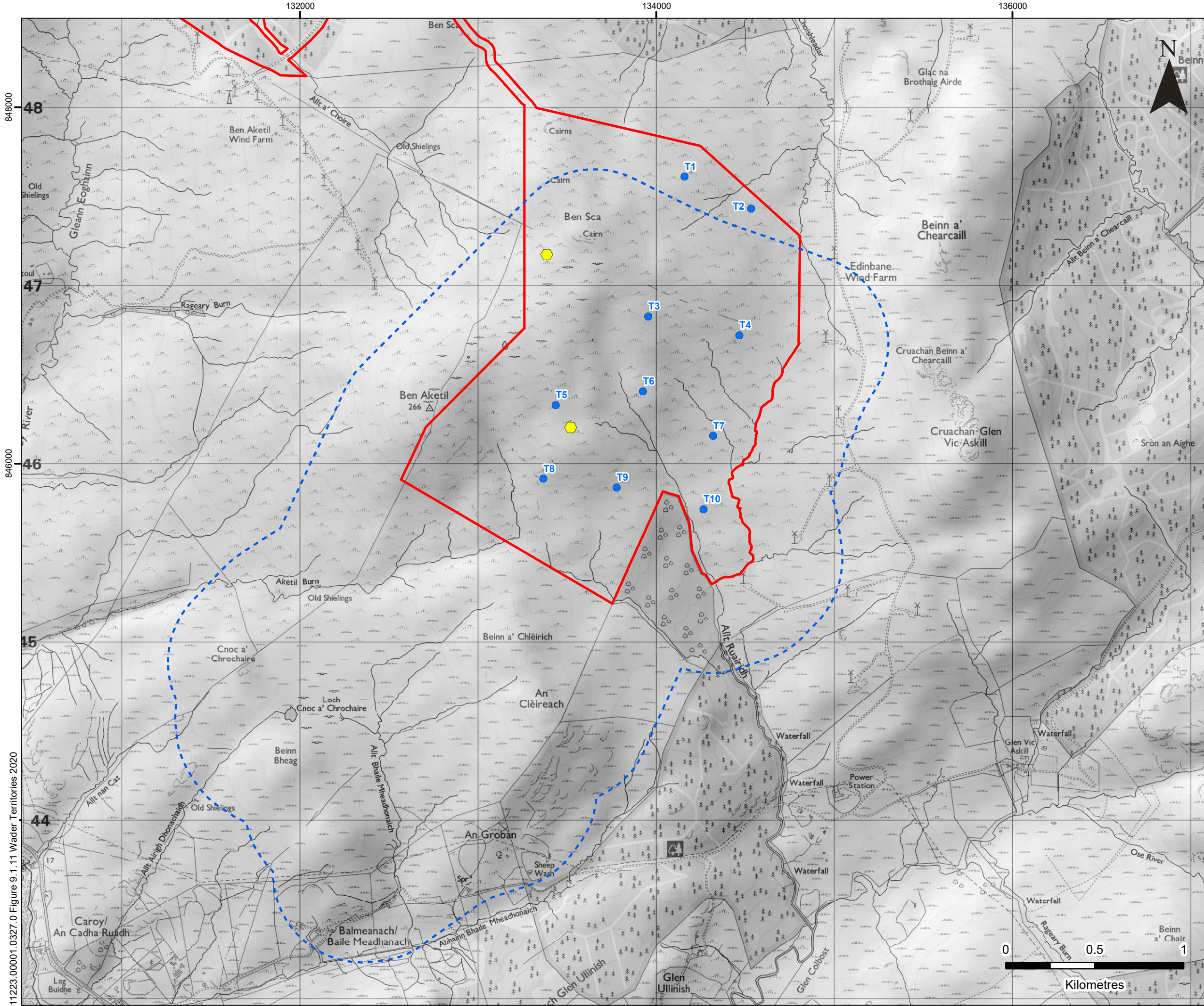
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 TA 9.1
WADER FLIGHT LINES
YEAR 2
FIGURE 9.1.10

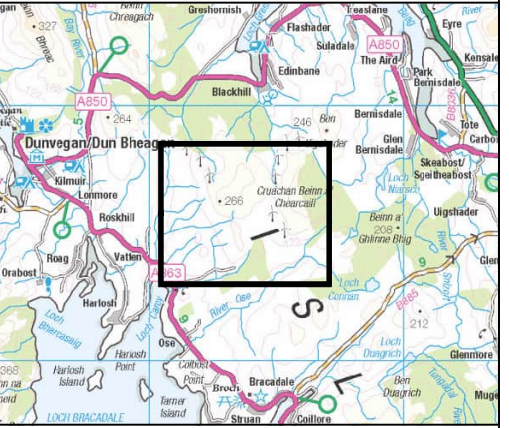
Scale 1:20,000 @ A3 Date JULY 2023

11223.00001.0924.0 Figure 9.1.10 Wader Flight Lines Year 2



LEGEND

- Application Site Boundary
- Proposed Turbine Location
- Breeding Bird Survey Area
- ⬡ Golden Plover Territory



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TA 9.1

WADER TERRITORIES 2020

FIGURE 9.1.11

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11223.00001.0927.0 Figure 9.1.11 Wader Territories 2020