



Awel y Môr Offshore Wind Farm

Category 6: Environmental Statement

**Volume 6, Annex 10.4: SLVIA
Figures - Figure 22a-b (Hub
Height Aviation Lighting ZTV
(MDS B))**

Date: April 2022



REVISION	DATE	STATUS/ REASON FOR ISSUE	AUTHOR:	CHECKED BY:	APPROVED BY:
A	April 2022	ES	OPEN	SLR/GoBe	RWE

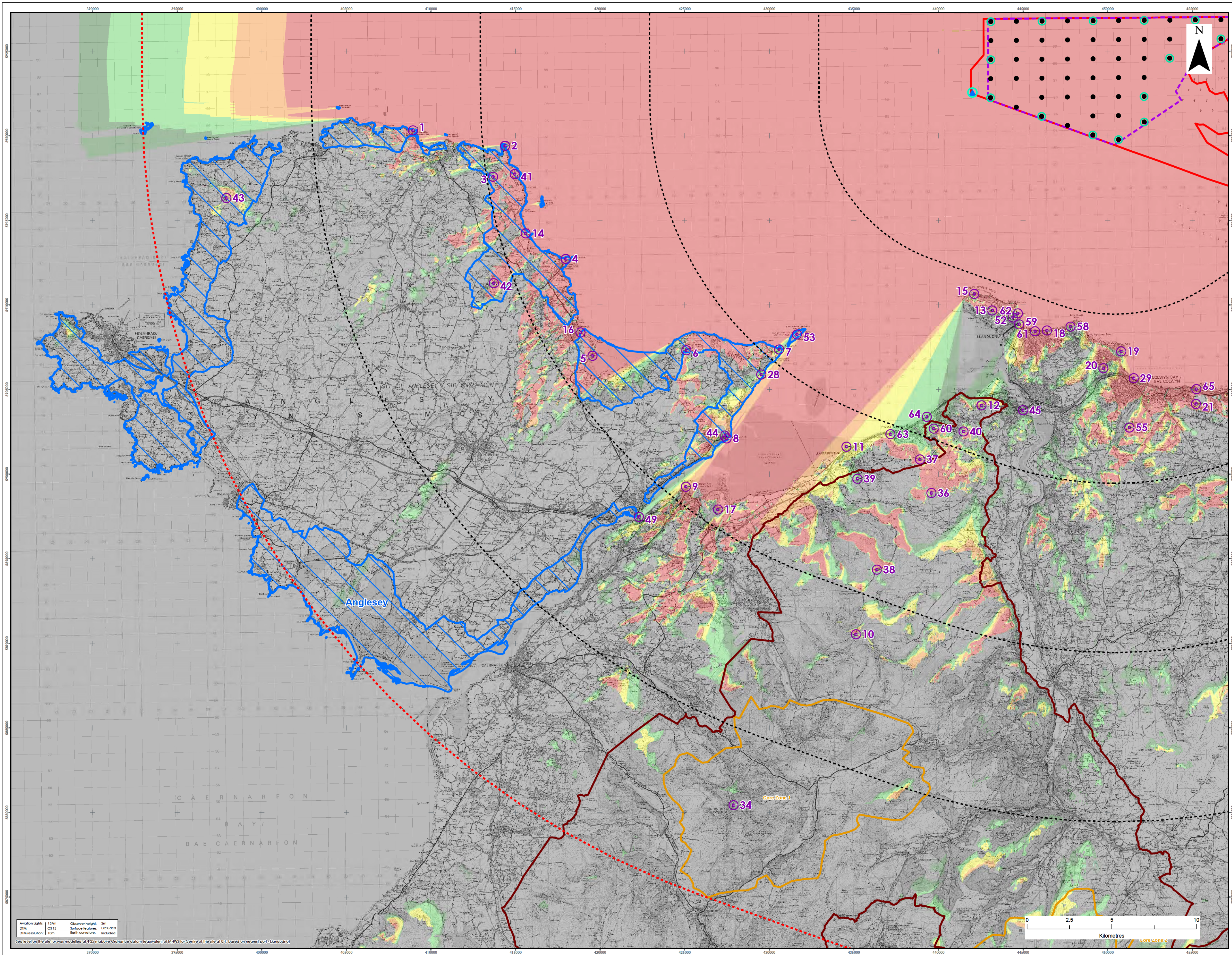
[REDACTED]

RWE Renewables UK
Swindon Limited

Windmill Hill Business Park
Whitehill Way
Swindon
Wiltshire SN5 6PB

[REDACTED]
[REDACTED]

Registered office:
RWE Renewables UK
Swindon Limited
Windmill Hill Business Park
Whitehill Way
Swindon



LEGEND

- Order Limits
- Array Area
- 10km Radii
- 50km Study Area
- Wind Turbine Generators (indicative locations)
- Civil Aviation perimeter lighting (flashing/steady red, 2000/200 candela)
- Marine navigation isolated structure lighting of met mast (flashing white, 10Nm nominal range)
- Viewpoint Location
- Snowdonia National Park
- Snowdonia National Park Core Zone
- Area of Outstanding Natural Beauty

ZTV (turbine hub height & met mast) assumed to be lit with aviation lights

No. of aviation lights theoretically

- 1 - 6
- 7 - 12
- 13 - 17
- 18 - 22
- 23 - 27

Viewpoints

1. Bull Bay near Amlwch - Wales Coast Path
2. Point Lynas - PROW to north of lighthouse
3. Mynydd Eilan - near trig point
4. Moelfre Headland of sculpture
5. Red Wharf Bay
6. Bwrdd Arthur - north of trig point
7. Penmon Point - north-east of parking
8. Beaumaris - Wales Coast Path
9. Bangor Pier (Southern End)
10. Cornedd Llewelyn
11. Llanfairfechan
12. Conwy Mountain
13. Great Orme - near summit complex
14. Wales Coast Path near Penrhyn (Traeth yr Ora)
15. Great Orme - Café
16. Benllech Bay View Road
17. Penrhyn Castle terrace
18. Llandudno paddling pool
19. Rhos-on-Sea
20. Bryn Erynn
21. Mynydd Marian
22. Trelyn y Penrhyn parking layby
23. Colwyn Bay promenade
24. Snowdon summit
25. Tal y Fan
26. Cefn Coch Stone Circle
27. Foel Fras
28. North Wales Path at Garmg Fawr
29. Above Capelulo - North Wales Path
30. Wales Coast Path north-east of Rhôs-mynach-lawr
31. Mynydd Bodalon - Trig Point
32. Mynydd y Garn
33. Beaumaris Castle
34. Conwy Castle - Chapel Tower
35. Menai Suspension Bridge
36. Pen-y-Dinas Camp at interpretation sign
37. Puffin Island
38. Footpath above Cilgwyn Mawr
39. Little Orme at Trig Point
40. Llandudno promenade - lifeboat slipway
41. Foel Lus
42. Llandudno Promenade near Venue Cymru
43. Great Orme - Marine Drive - Wales Coast Path near Toll Booth
44. A55 at Penmaenmawr
45. A55 at Puffin Roundabout Dwygyfylch
46. A55 at jeth north of Penmaen Rhôs

Data Source:
Contains OS data © Crown copyright and database right (2021). © Crown copyright.
All rights reserved (2021). Ordnance Survey Licence 010001873. Contains public sector information licensed under the terms of the Open Government Licence v3.0

PROJECT TITLE:
AWEL Y MŌR OFFSHORE WINDFARM

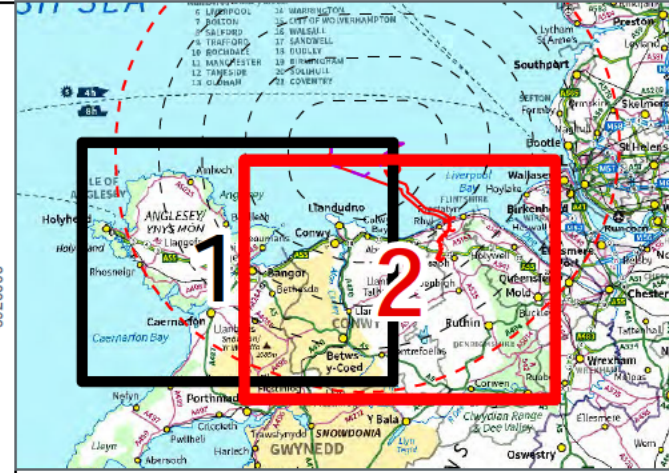
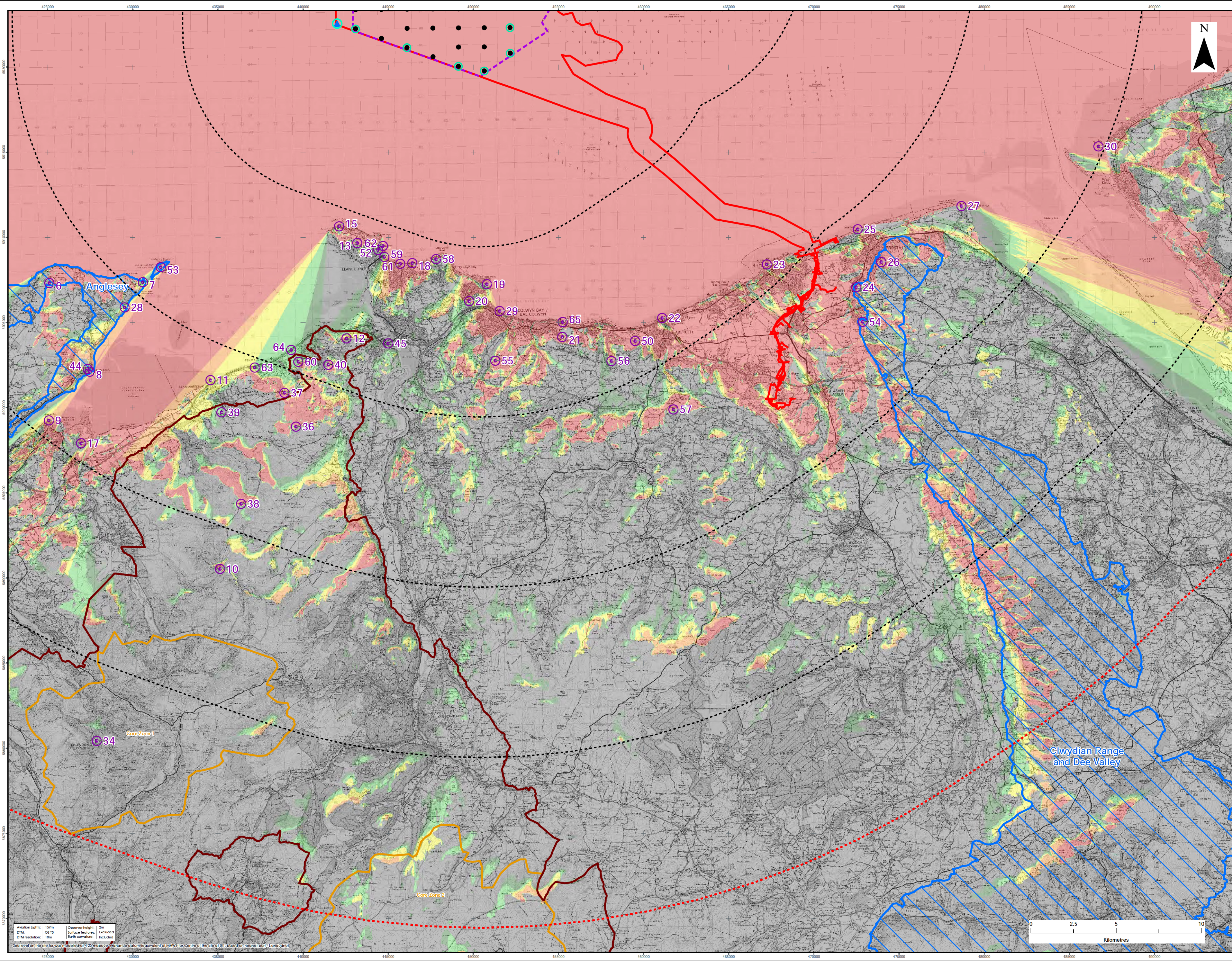
FIGURE TITLE:
Hub Height Aviation Lighting
ZTV (MDS B) - Western area

VER	DATE	REMARKS	Drawn	Checked
1	08/03/2022	For Issue	JM	LT

FIGURE NUMBER:
Figure 22a

SCALE: 1:100,000 PLOT SIZE: A1 DATUM: WGS84 PROJECTION: UTM30N

AWEL Y MŌR
Offshore Wind Farm



LEGEND

- Order Limits
- Array Area
- 10km Radii
- 50km Study Area
- Wind Turbine Generators (indicative locations)
- Civil Aviation perimeter lighting (flashing/steady red, 2000/200 candela)
- Marine navigation isolated structure lighting of met mast (flashing white, 10Nm nominal range)
- Viewpoint Location
- Snowdonia National Park
- Snowdonia National Park Core Zone
- Area of Outstanding Natural Beauty

ZTV (turbine hub height & met mast) assumed to be lit with aviation lights

No. of aviation lights theoretically

- 1 - 6
- 7 - 12
- 13 - 17
- 18 - 22
- 23 - 27

- Viewpoints**
- 6. Bwrdd Arthur - north of trig point
 - 7. Penmon Point - north-east of parking
 - 8. Beaumaris - Wales Coast Path
 - 9. Bangor Pier (Southern End)
 - 10. Carnedd Llewelyn
 - 11. Llanfyllfach
 - 12. Conwy Mountain
 - 13. Great Orme - near summit complex
 - 15. Great Orme - Café
 - 17. Penrhyn Castle terrace
 - 18. Llandudno padding pool
 - 19. Rhos-on-Sea
 - 20. Bryn Erynn
 - 21. Mynydd Mairan
 - 22. Abergelle promenade
 - 23. Rhyi Aquarium
 - 24. Great Orme
 - 25. Prestatyn Nova Centre
 - 26. Bryn-llyn Viewpoint (Prestatyn Hillside viewpoint Gwaensgar)
 - 27. Point of Ayr
 - 28. Trewn y Penrhyn parking layby
 - 29. Colwyn Bay promenade
 - 30. Hilbre Point
 - 34. Snowdon summit
 - 36. Tal y Fan
 - 37. Cefn Coch Stone Circle
 - 38. Foel Fras
 - 39. North Wales Path of Goring Fawr
 - 40. Above Capelulo - North Wales Path
 - 44. Beaumaris Castle
 - 45. Conwy Castle - Chapel Tower
 - 50. Gwynedd Castle - Terrace
 - 52. Pen-y-Dinas Camp at interpretation sign
 - 53. Puffin Island
 - 54. y Foel (Common land and hill east of Dyserth)
 - 55. Footpath above Cilgwyn Mawr
 - 56. Pen-y-corddyn-mawr
 - 57. Moelhe Isaf
 - 58. Little Orme at Trig Point
 - 59. Llandudno promenade - lifeboat slipway
 - 60. Foel Lus
 - 61. Llandudno Promenade near Venue Cymru
 - 62. Great Orme - Marine Drive Wales Coast Path near Toll Booth
 - 63. A55 at Penmaenmawr
 - 64. A55 at Puffin Roundabout Dwygyfylch
 - 65. A55 at jetty north of Penmaen Rhôs

Data Source:
Contains OS data © Crown copyright and database right (2021). © Crown copyright.
All rights reserved (2021). Ordnance Survey Licence 0100031673. Contains public sector information licensed under the terms of the Open Government Licence v3.0.

PROJECT TITLE:

Hub Height Aviation Lighting ZTV (MDS B) - Central area

VER	DATE	REMARKS	Drawn	Checked
1	08/03/2022	For Issue	JM	LT

FIGURE NUMBER: Figure 22b

SCALE: 1:100,000 **PLOT SIZE:** A1 **DATUM:** WGS84 **PROJECTION:** UTM30N

AVEL Y MŌR
Landscape and Planning



RWE Renewables UK
Swindon Limited

Windmill Hill Business Park
Whitehill Way
Swindon
Wiltshire SN5 6PB

Registered office:
RWE Renewables UK
Swindon Limited
Windmill Hill Business Park
Whitehill Way
Swindon