






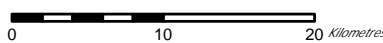
Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Met Mast Installed Position
-  Offshore Export Cable Corridor

Horizontal Scale 1:500,000

A3 Chart



Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

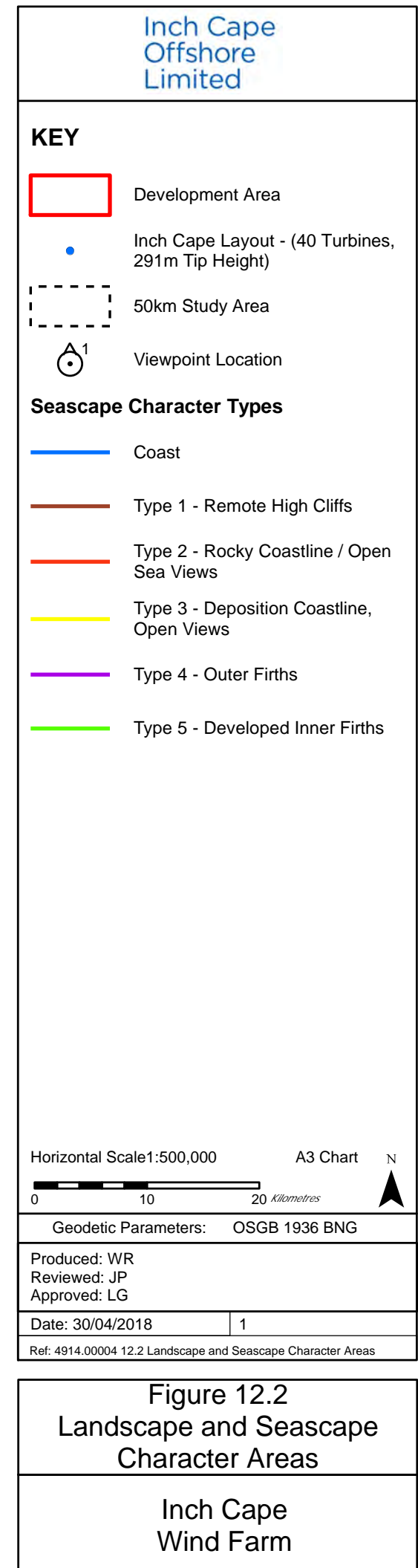
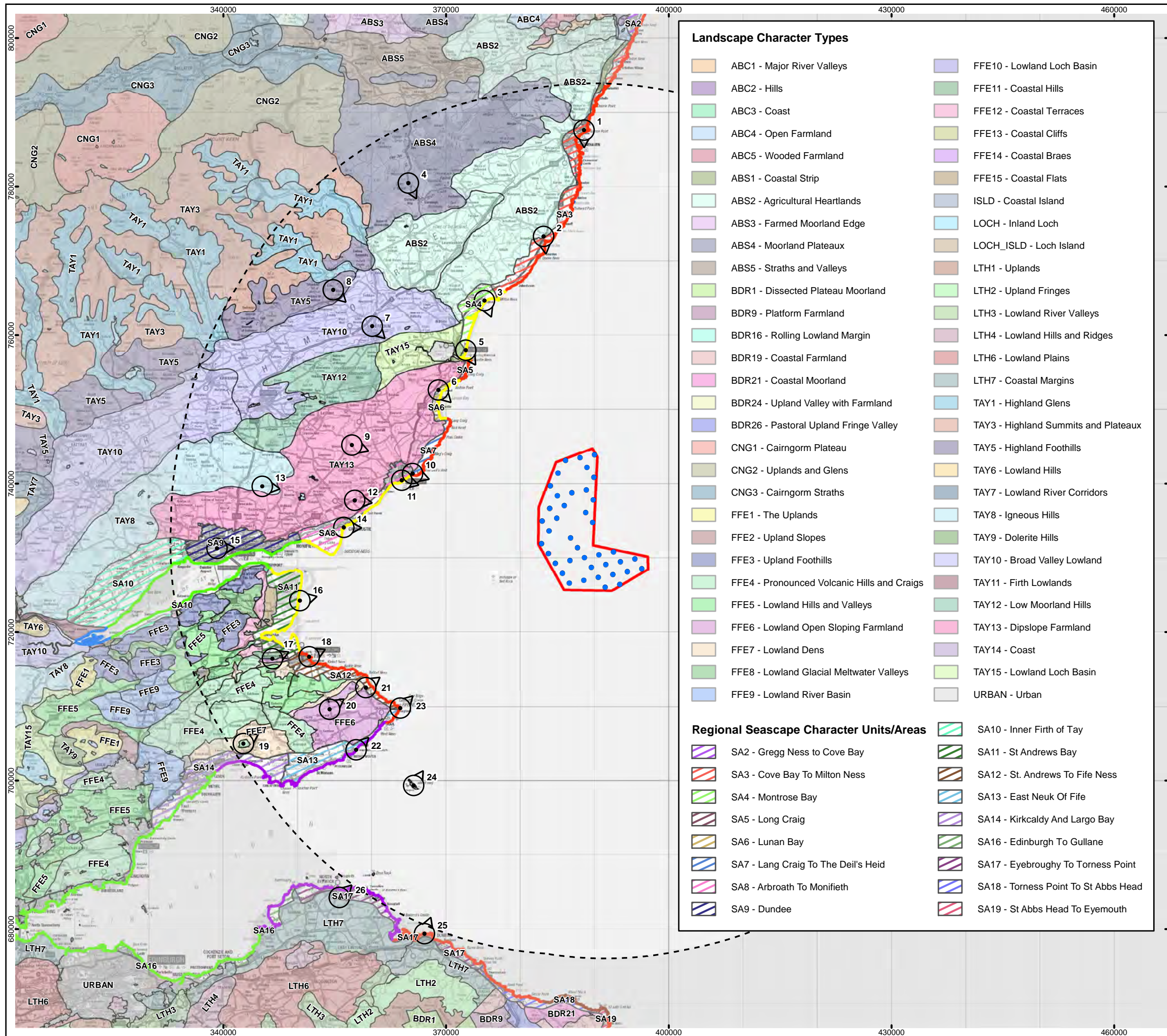
Date: 30/04/2018

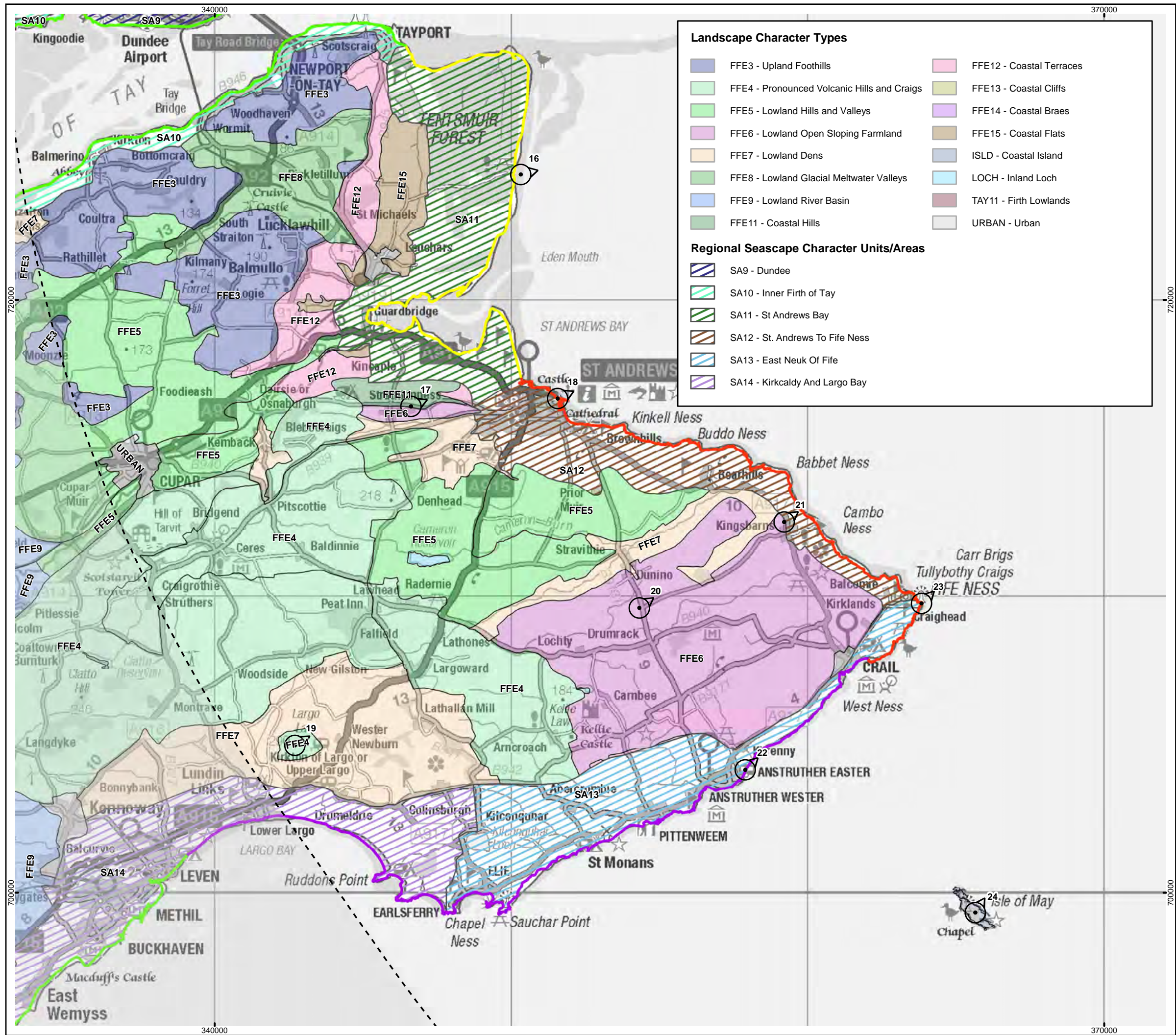
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Ref: 4914.00004 12.1 Topography with LA Boundaries

Figure 12.1
Topography with
Local Authority Boundaries

Inch Cape Wind Farm





Inch Cape Offshore Limited

KEY

50km Study Area

Viewpoint Location

Seascape Character Types

Type 2 - Rocky Coastline / Open Sea Views

Type 3 - Deposition Coastline, Open Views

Type 4 - Outer Firths

Type 5 - Developed Inner Firths

Horizontal Scale 1:125,000 A3 Chart

0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

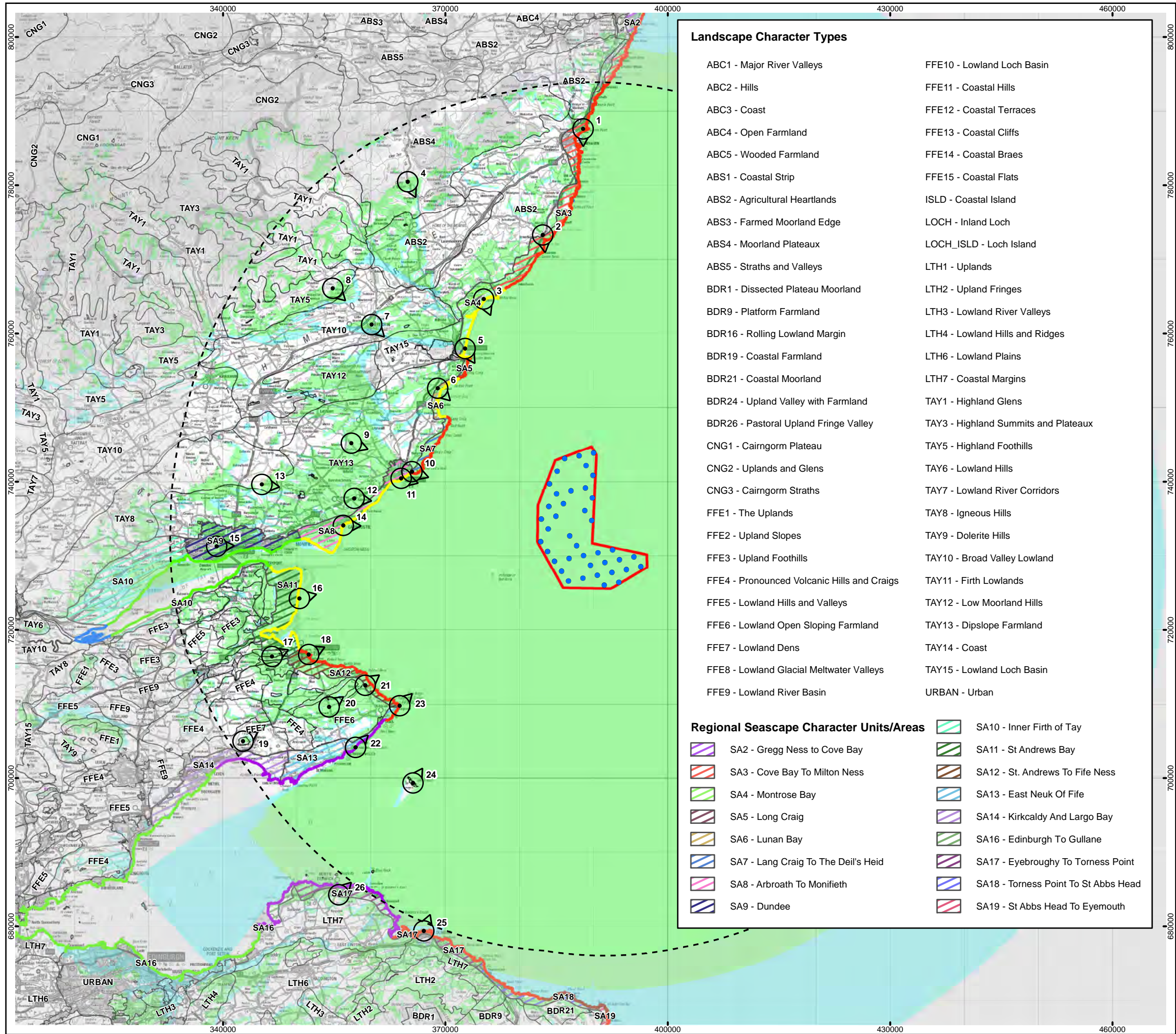
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.2a Landscape and Seascape Character Areas (Fife)

Figure 12.2a
Landscape and Seascape
Character Areas (Fife Detail)

Inch Cape
Wind Farm



Landscape Character Types

- | | |
|---|--------------------------------------|
| ABC1 - Major River Valleys | FFE10 - Lowland Loch Basin |
| ABC2 - Hills | FFE11 - Coastal Hills |
| ABC3 - Coast | FFE12 - Coastal Terraces |
| ABC4 - Open Farmland | FFE13 - Coastal Cliffs |
| ABC5 - Wooded Farmland | FFE14 - Coastal Braes |
| ABS1 - Coastal Strip | FFE15 - Coastal Flats |
| ABS2 - Agricultural Heartlands | ISLD - Coastal Island |
| ABS3 - Farmed Moorland Edge | LOCH - Inland Loch |
| ABS4 - Moorland Plateaux | LOCH_ISLD - Loch Island |
| ABS5 - Straths and Valleys | LTH1 - Uplands |
| BDR1 - Dissected Plateau Moorland | LTH2 - Upland Fringes |
| BDR9 - Platform Farmland | LTH3 - Lowland River Valleys |
| BDR16 - Rolling Lowland Margin | LTH4 - Lowland Hills and Ridges |
| BDR19 - Coastal Farmland | LTH6 - Lowland Plains |
| BDR21 - Coastal Moorland | LTH7 - Coastal Margins |
| BDR24 - Upland Valley with Farmland | TAY1 - Highland Glens |
| BDR26 - Pastoral Upland Fringe Valley | TAY3 - Highland Summits and Plateaux |
| CNG1 - Cairngorm Plateau | TAY5 - Highland Foothills |
| CNG2 - Uplands and Glens | TAY6 - Lowland Hills |
| CNG3 - Cairngorm Straths | TAY7 - Lowland River Corridors |
| FFE1 - The Uplands | TAY8 - Igneous Hills |
| FFE2 - Upland Slopes | TAY9 - Dolerite Hills |
| FFE3 - Upland Foothills | TAY10 - Broad Valley Lowland |
| FFE4 - Pronounced Volcanic Hills and Craigs | TAY11 - Firth Lowlands |
| FFE5 - Lowland Hills and Valleys | TAY12 - Low Moorland Hills |
| FFE6 - Lowland Open Sloping Farmland | TAY13 - Dipslope Farmland |
| FFE7 - Lowland Dens | TAY14 - Coast |
| FFE8 - Lowland Glacial Meltwater Valleys | TAY15 - Lowland Loch Basin |
| FFE9 - Lowland River Basin | URBAN - Urban |

Regional Seascape Character Units/Areas

- | | |
|-------------------------------------|--------------------------------------|
| SA2 - Gregg Ness to Cove Bay | SA10 - Inner Firth of Tay |
| SA3 - Cove Bay To Milton Ness | SA11 - St Andrews Bay |
| SA4 - Montrose Bay | SA12 - St. Andrews To Fife Ness |
| SA5 - Long Craig | SA13 - East Neuk Of Fife |
| SA6 - Lunan Bay | SA14 - Kirkcaldy And Largo Bay |
| SA7 - Lang Craig To The Deil's Heid | SA16 - Edinburgh To Gullane |
| SA8 - Arbroath To Monifieth | SA17 - Eyebroughy To Torness Point |
| SA9 - Dundee | SA18 - Torness Point To St Abbs Head |
| | SA19 - St Abbs Head To Eyemouth |

Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Viewpoint Location

Seascape Character Types

- Coast
- Type 1 - Remote High Cliffs
- Type 2 - Rocky Coastline / Open Sea Views
- Type 3 - Deposition Coastline, Open Views
- Type 4 - Outer Firths
- Type 5 - Developed Inner Firths

Zones of Theoretical Visibility

Inch Cape Blade Tip (291m) Inch Cape Hub Height (166m)



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart N

Geodetic Parameters: OSGB 1936 BNG

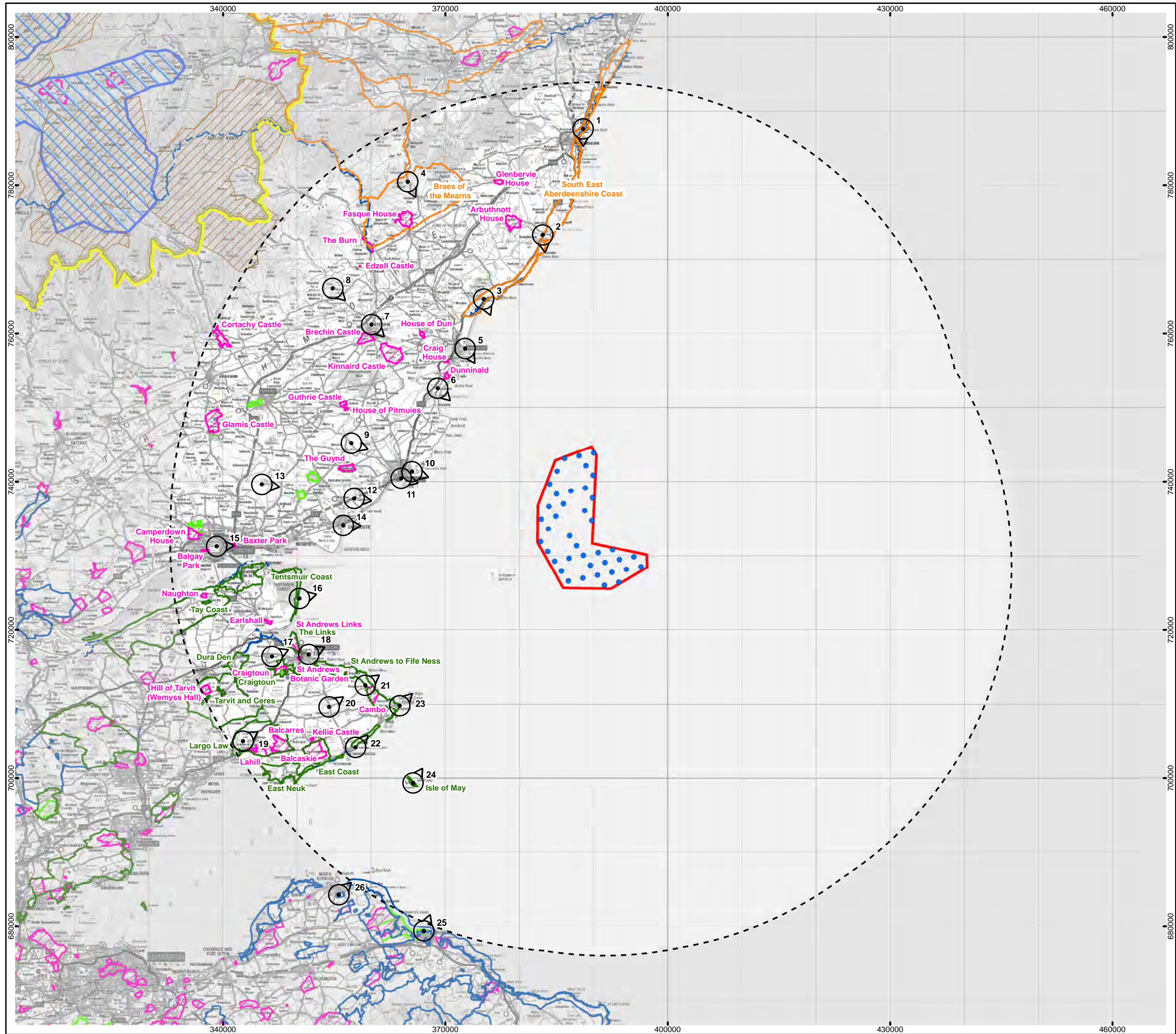
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.2b Landscape and Seascape Character Areas ZTV

Figure 12.2b
Landscape and Seascape
Character Areas ZTV Overlay

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Viewpoint Location
- National Park
- National Scenic Area
- Area of Wild Land
- Gardens and Designed Landscapes
- Country Park
- Fife Local Landscape Area
- Special Landscape Area (Aberdeenshire Council)
- Areas of Great Landscape Value

Horizontal Scale 1:500,000 A3 Chart N

0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

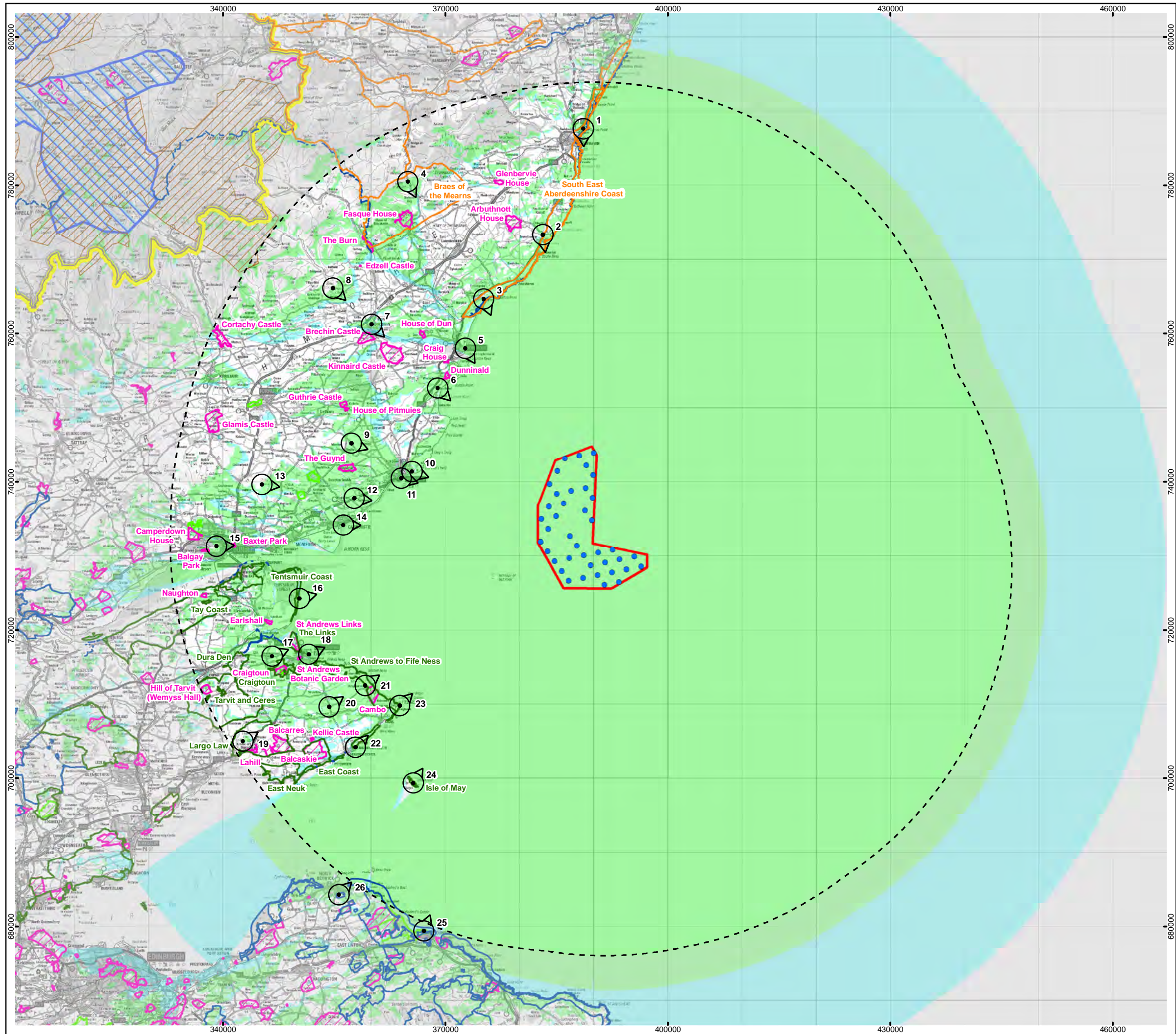
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.3 Landscape Designations

Figure 12.3
Landscape Designations

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Viewpoint Location

National Park

National Scenic Area

Area of Wild Land

Gardens and Designed
Landscapes

Country Park

Fife Local Landscape Area

Special Landscape Area
(Aberdeenshire Council)

Area sof Great Landscape Value

Zones of Theoretical Visibility

Inch Cape
Blade Tip (291m)

Inch Cape
Hub Height (166m)

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:500,000

A3 Chart

0

10

20

Kilometres

N

Geodetic Parameters: OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 03/05/2018

1

Ref: 4914.00004 12.3a Landscape Designations ZTV

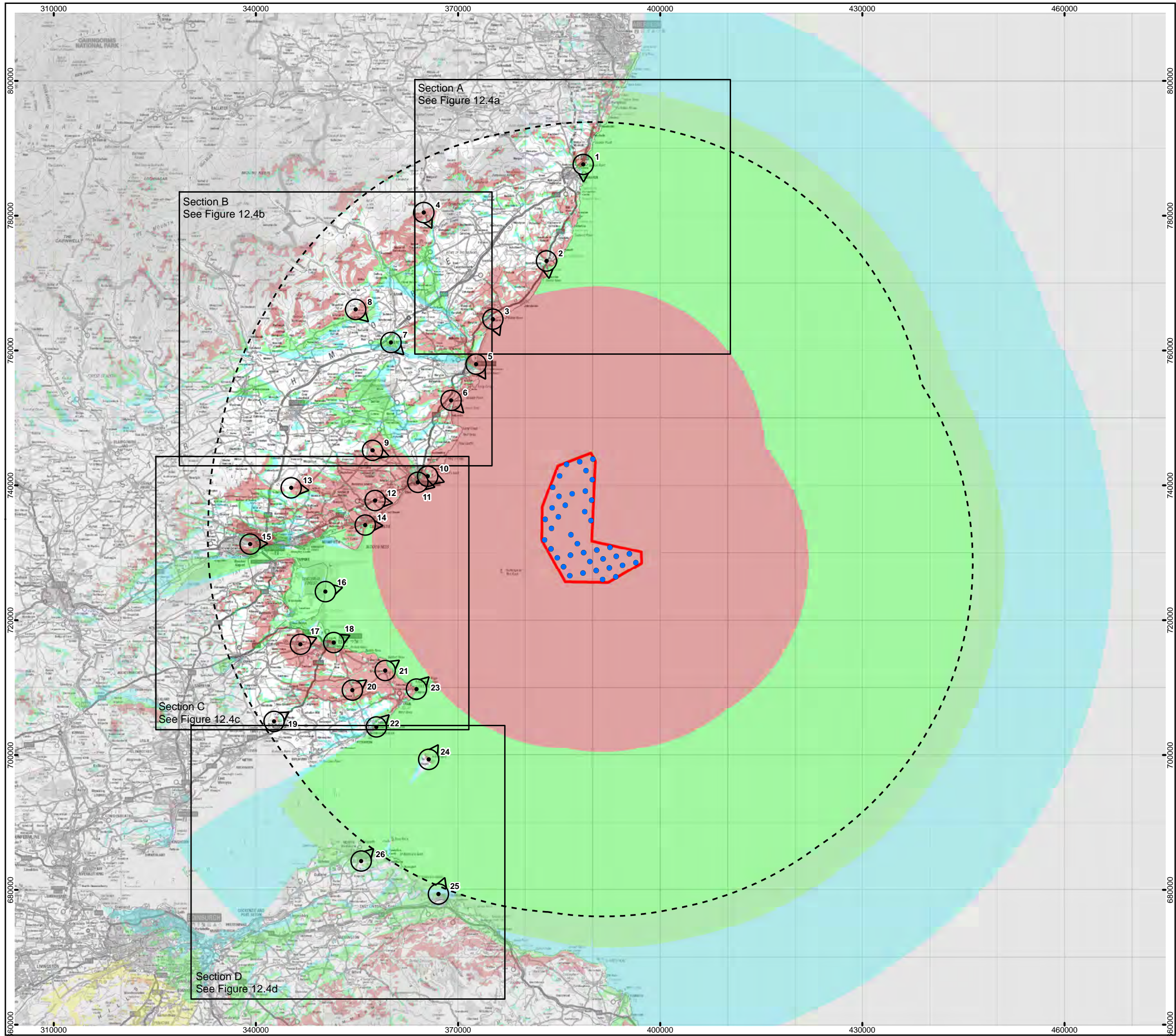
Figure 12.3a

Landscape Designations

ZTV Overlay

Inch Cape

Wind Farm



Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Viewpoint Location

Zones of Theoretical Visibility

Inch Cape Blade Tip (291m) Inch Cape Hub Height (166m)



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:550,000 A3 Chart N

0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

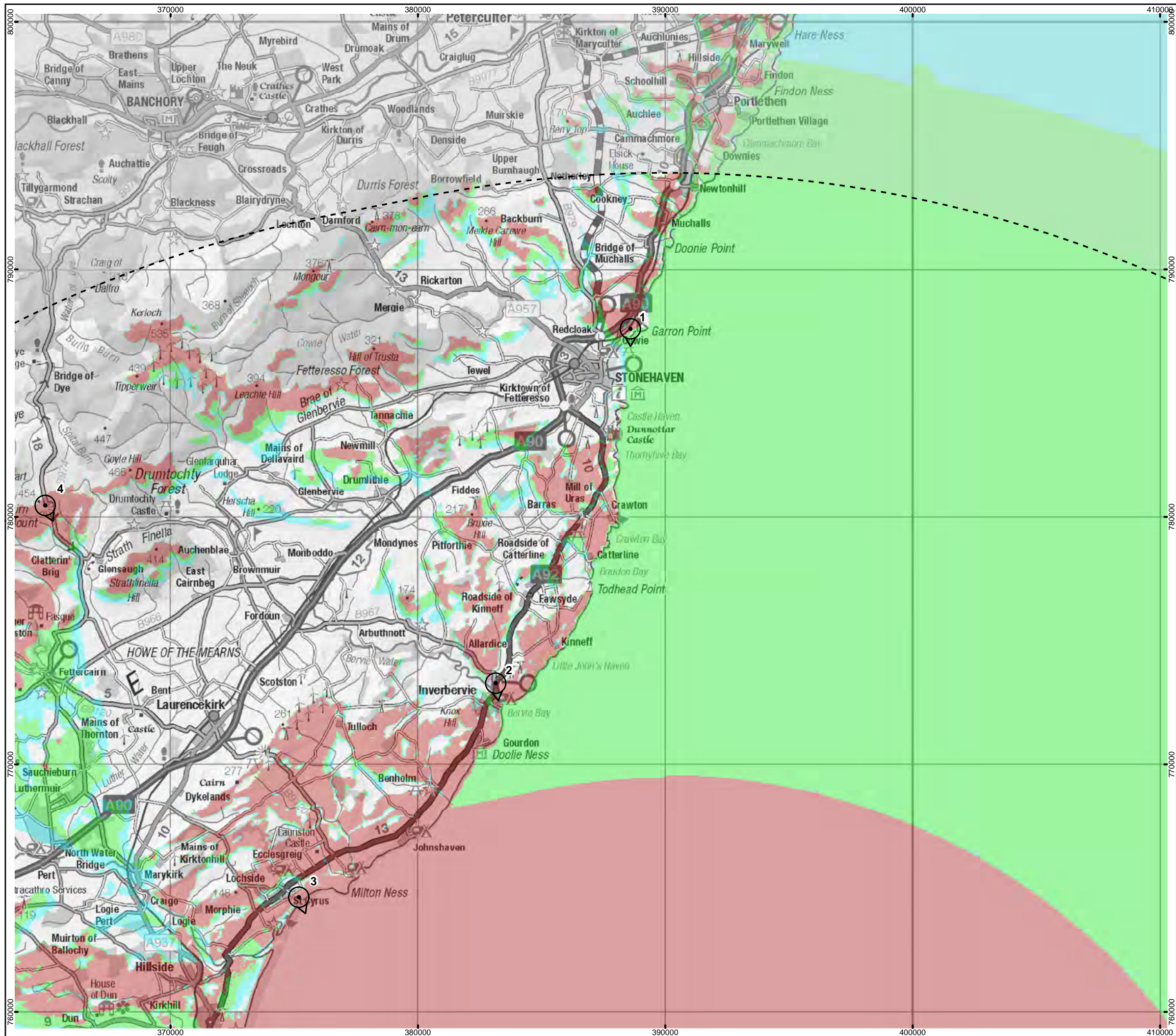
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Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.4 Blade Tip vs Hub Height vs WTG Base ZTV - Overview

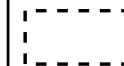
Figure 12.4
Blade Tip vs Hub Height vs
WTG Base ZTV -Overview

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY



50km Study



Viewpoint Location

Zones of Theoretical Visibility

Inch Cape
Blade Tip (291m)

Inch Cape
Hub Height (166m)



Inch Cape
WTG Base (28m)

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000

A3 Chart

0 2.5 5 Kilometres



Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

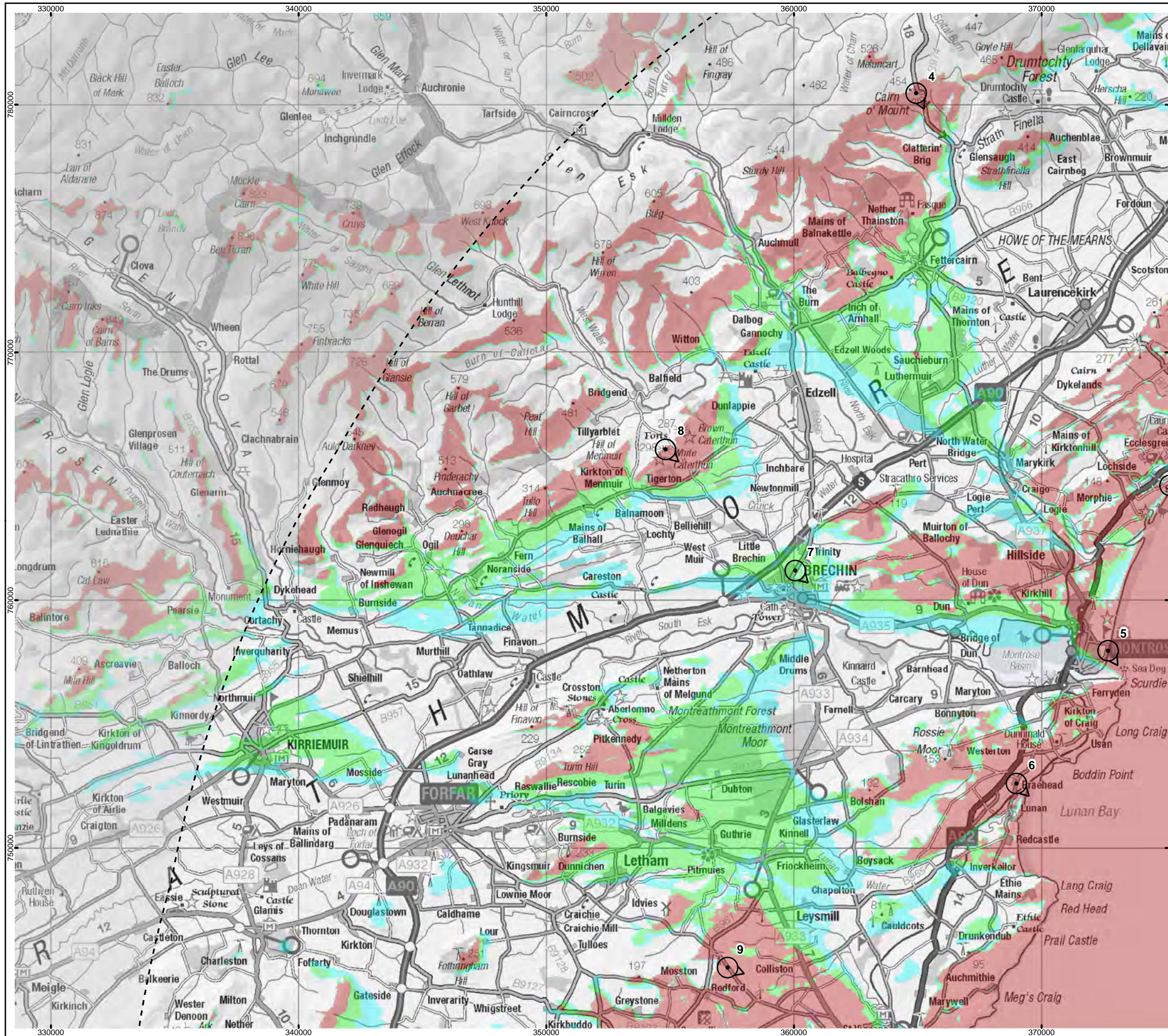
Date: 02/05/2018

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Ref: 4914.00004 12.4a Blade Tip vs Hub Height vs WTG Base ZTV - Section A

Figure 12.4a
Blade Tip vs Hub Height vs
WTG Base ZTV - Section A

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

50km Study Area

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape
Blade Tip (291m)

Inch Cape
Hub Height (166m)



Inch Cape
WTG Base (28m)

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart

0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

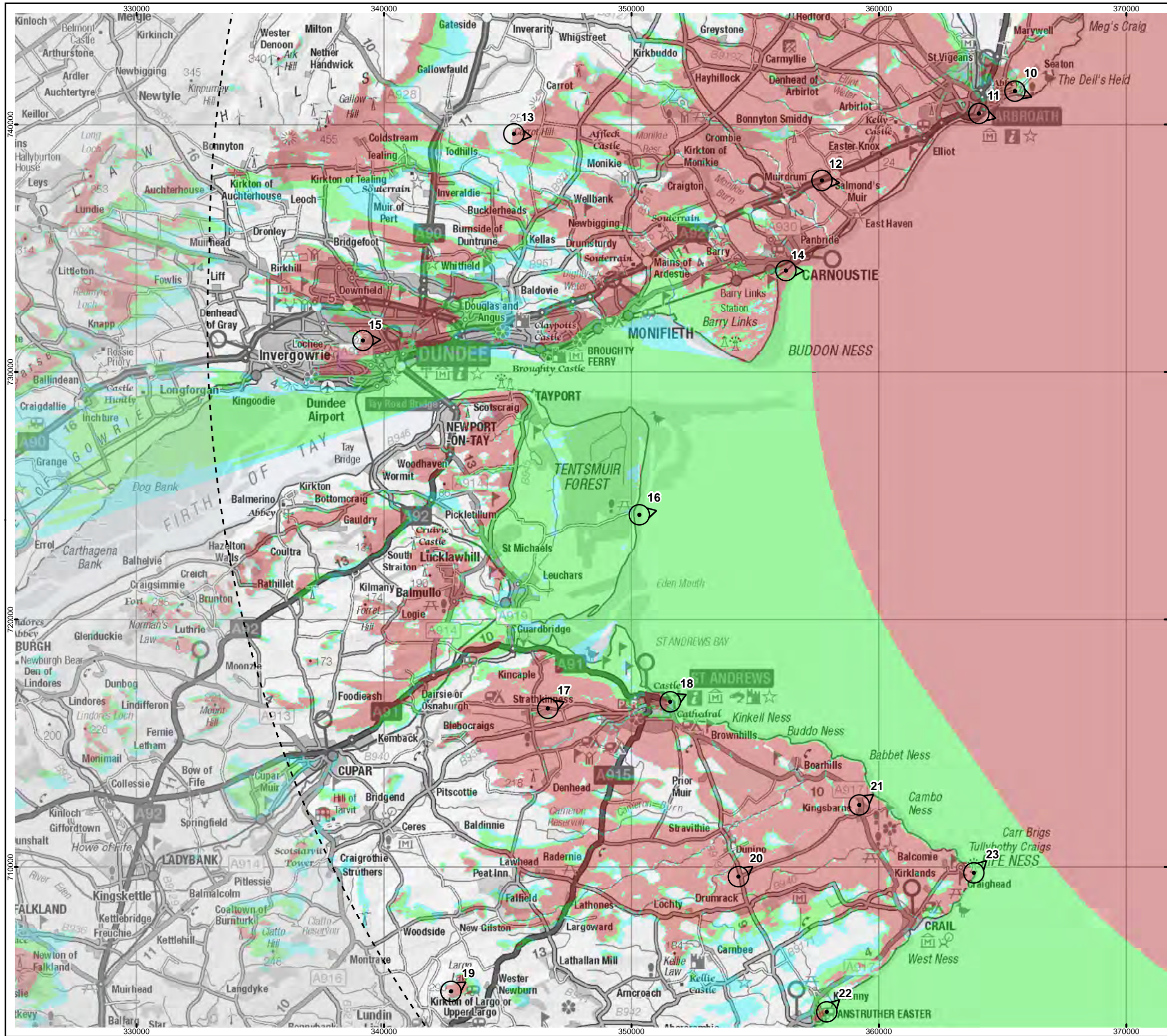
Produced: WR
Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.4b Blade Tip vs Hub Height vs WTG Base ZTV - Section B

Figure 12.4b
Blade Tip vs Hub Height vs
WTG Base ZTV - Section B

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

-  50km Study Area
-  Viewpoint Location

Zones of Theoretical Visibility

Inch Cape
Blade Tip (291m)

Inch Cape
Hub Height (166m)

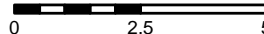


Inch Cape
WTG Base (28m)

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart

 0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

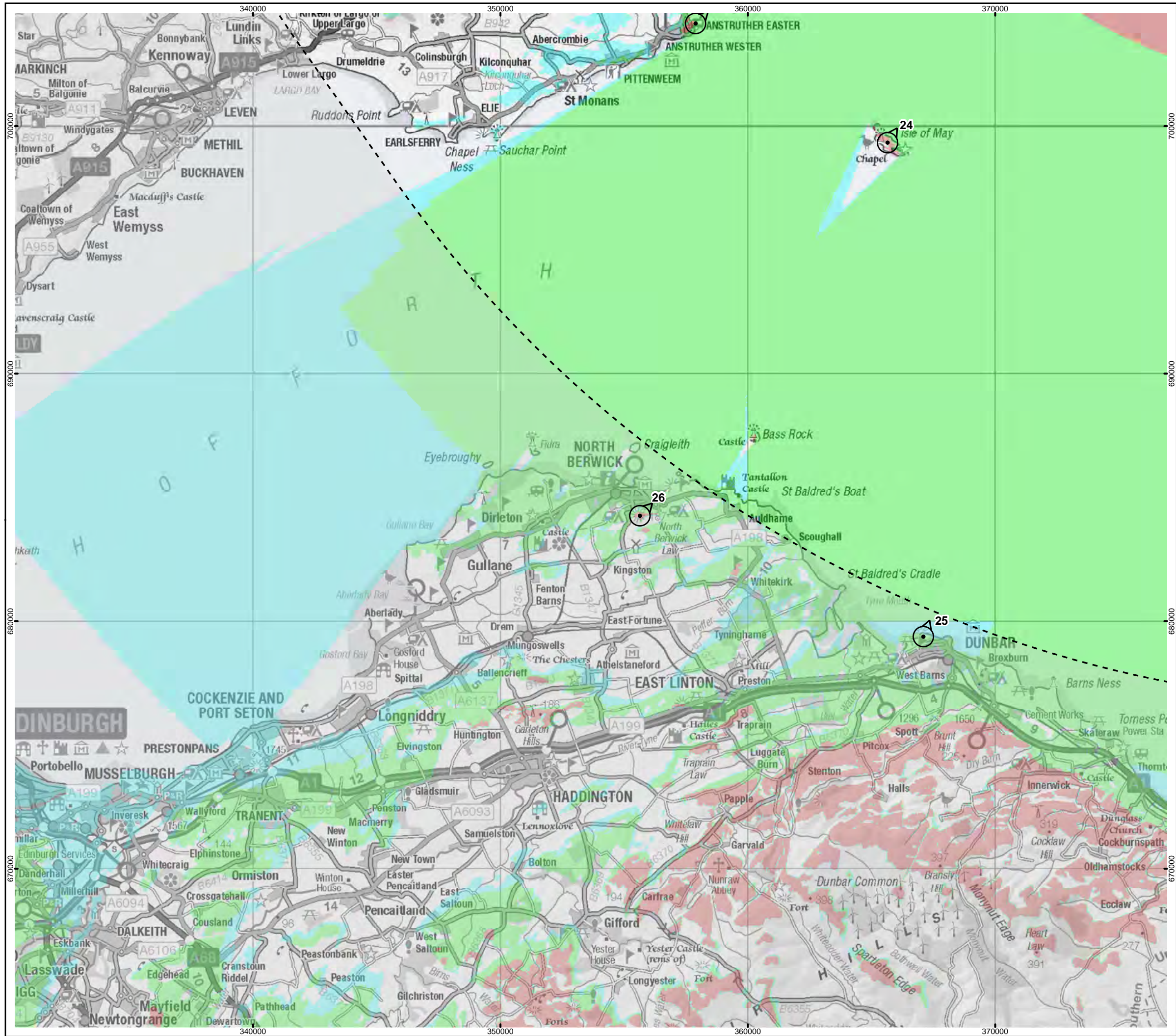
Date: 02/05/2018

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Ref: 4914.00004 12.4c Blade Tip vs Hub Height vs WTG Base ZTV - Section C

Figure 12.4c
Blade Tip vs Hub Height vs
WTG Base ZTV - Section C

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

- 50km Study Area
- Viewpoint Location

Zones of Theoretical Visibility

Inch Cape
Blade Tip (291m)

Inch Cape
Hub Height (166m)



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart

0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

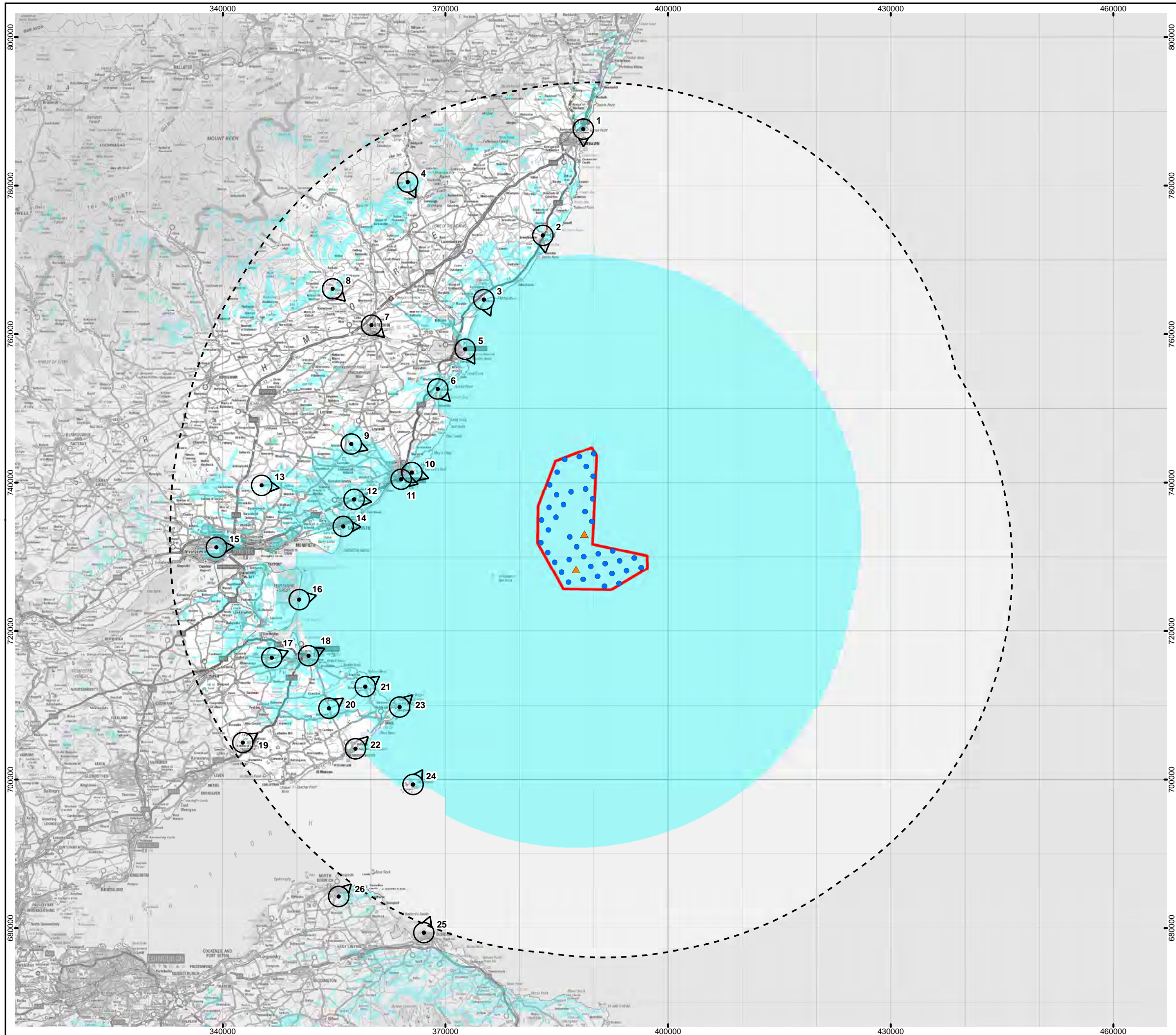
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Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.4d Blade Tip vs Hub Height vs WTG Base ZTV - Section D






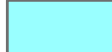
Figure 12.4d
Blade Tip vs Hub Height ZTV
Section D

Inch Cape
Wind Farm



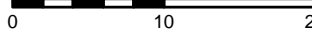
Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  Offshore Substation Platforms
-  50km Study Area
-  Viewpoint Location
-  Substation Visibility at Platform Height 70m

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart N


Geodetic Parameters: OSGB 1936 BNG

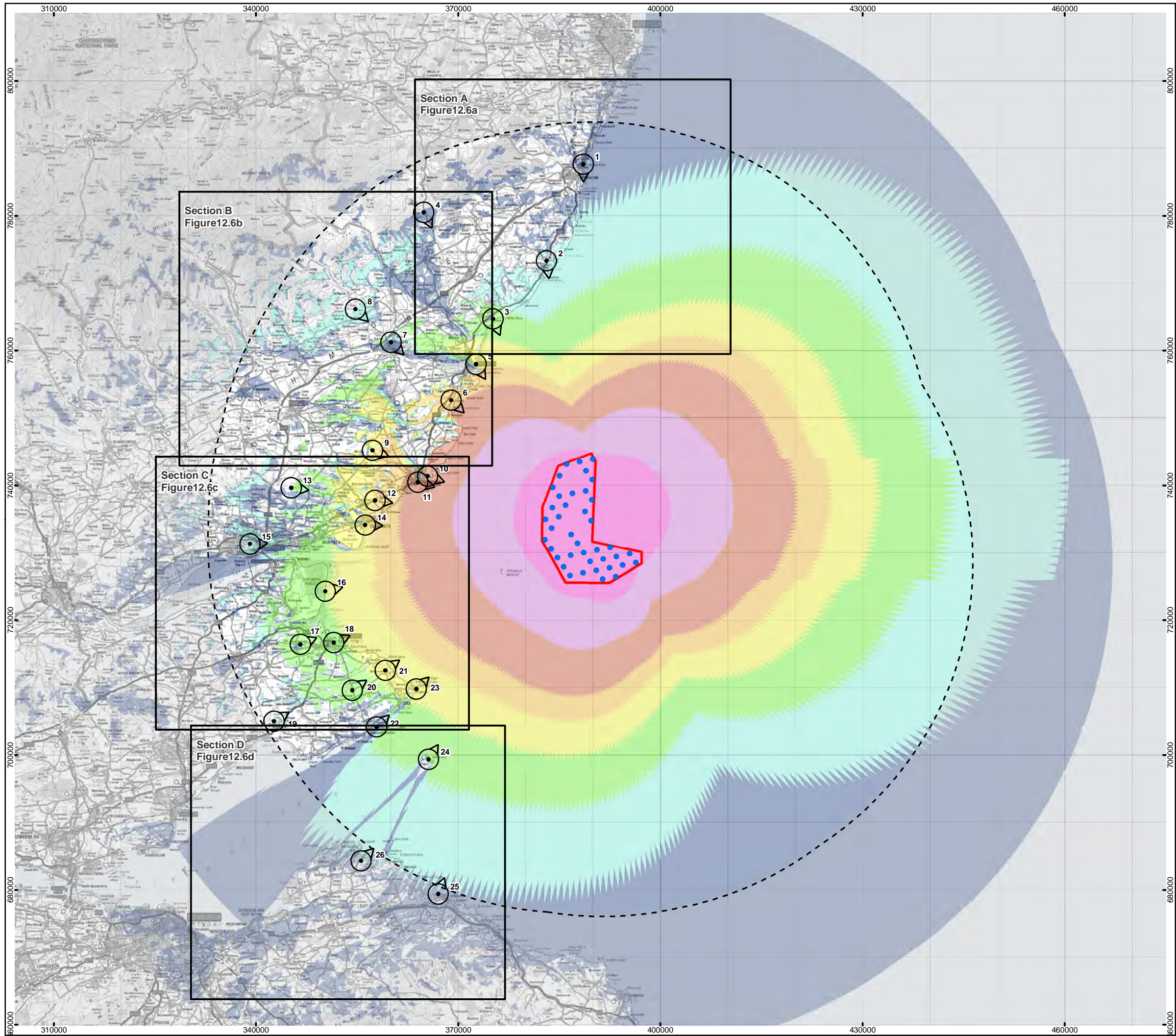
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.5 Offshore Substation Platform ZTV

Figure 12.5
Offshore Substation
Platform ZTV

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Viewpoint Location

Horizontal Subtended Angle
Visible at Blade Tip Level (291 m)

- 0 - 15
- 15.1 - 20
- 20.1 - 25
- 25.1 - 30
- 30.1 - 35
- 35.1 - 50
- 50.1 - 90
- 90.1 - 360

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1 Viewshed tool

Horizontal Scale 1:550,000 A3 Chart N

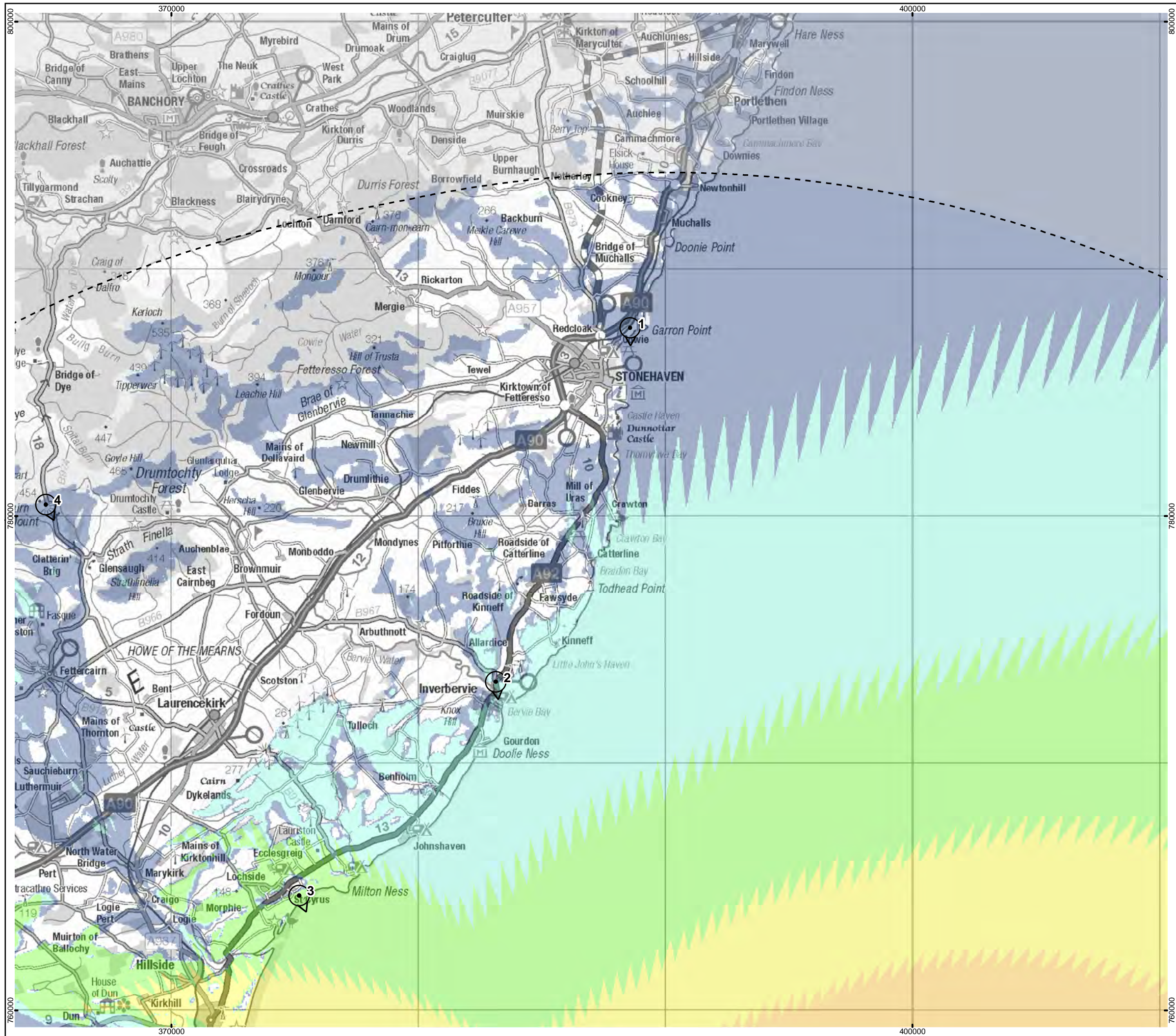
Geodetic Parameters: OSGB 1936 BNG

Produced: JM
Reviewed: JP
Approved: LG

Date: 03/05/2018 1
Ref: 4914.00004 12.6 Horizontal Angle ZTV_Overview


Figure 12.6
Horizontal Angle ZTV
Overview

Inch Cape
Wind Farm



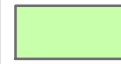
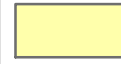
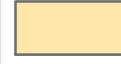





Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Viewpoint Location

Horizontal Substantiated Angle
Visible at Blade Tip Level (291 m)

-  0 - 15
-  15.1 - 20
-  20.1 - 25
-  25.1 - 30
-  30.1 - 35
-  35.1 - 50
-  50.1 - 90
-  90.1 - 360

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1 Viewshed tool

Horizontal Scale: 1:150,000 A3 Chart

0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

Produced: JM
Reviewed: JP
Approved: LG

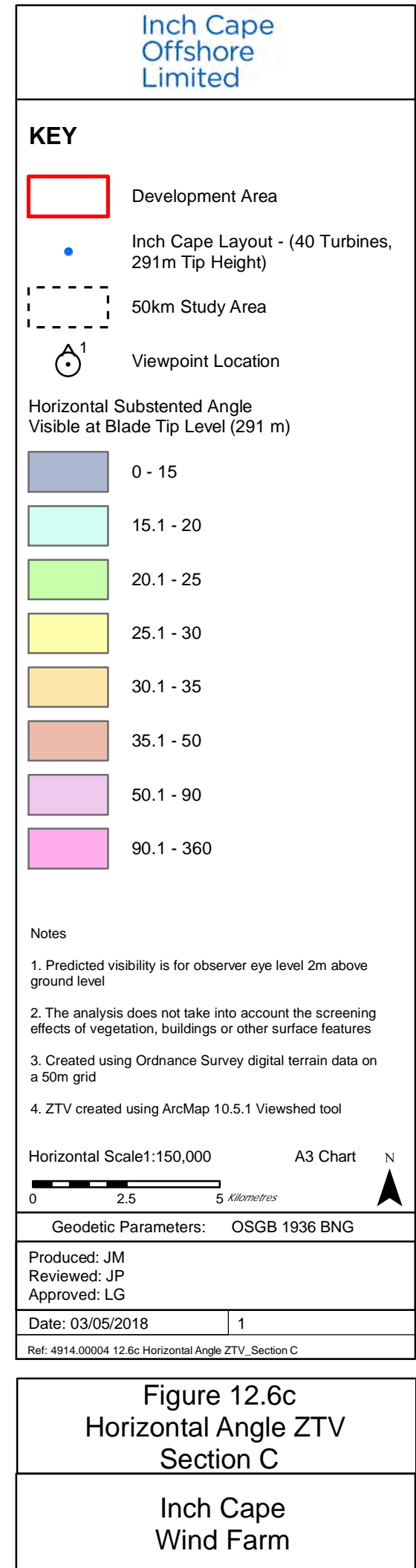
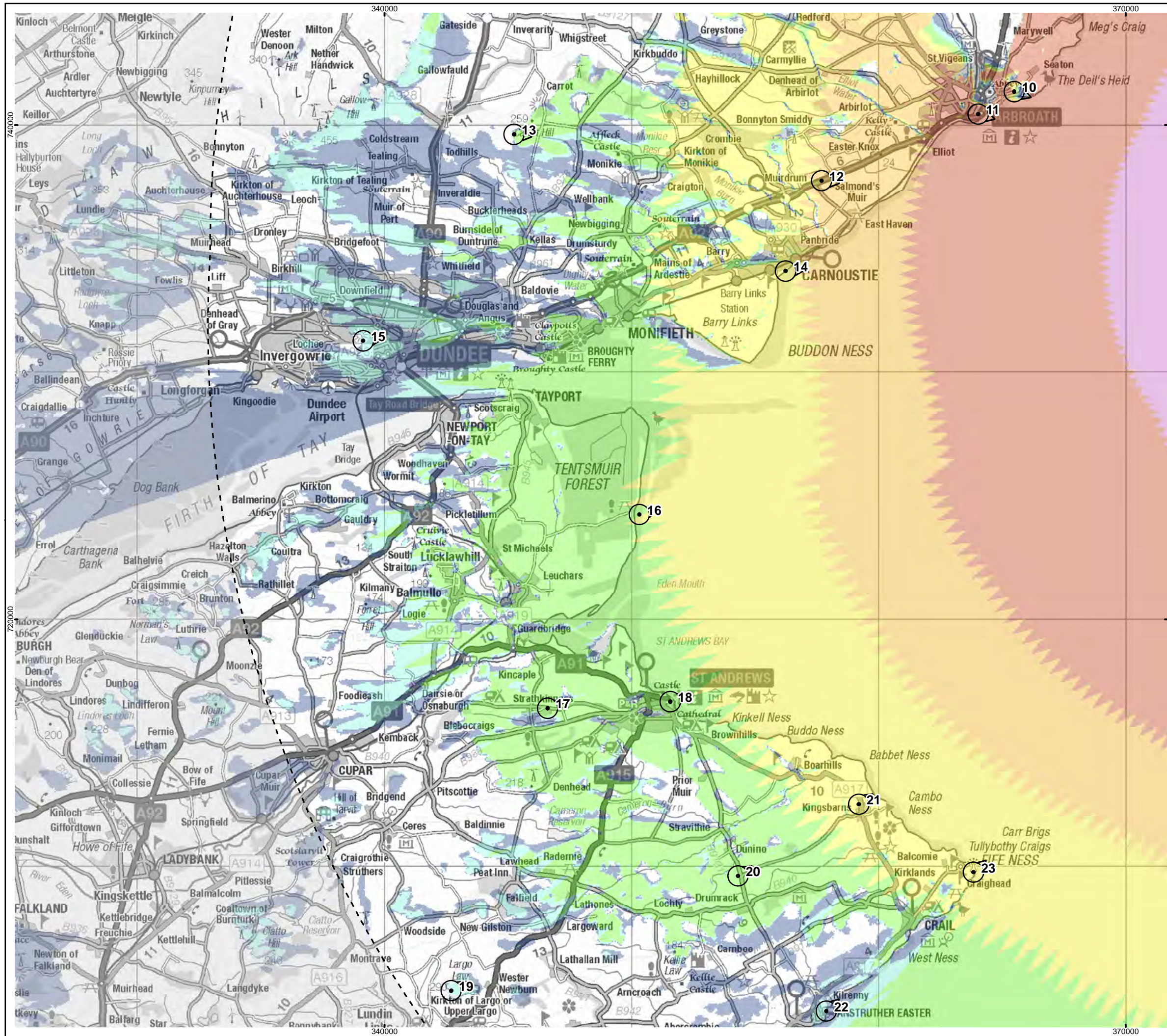
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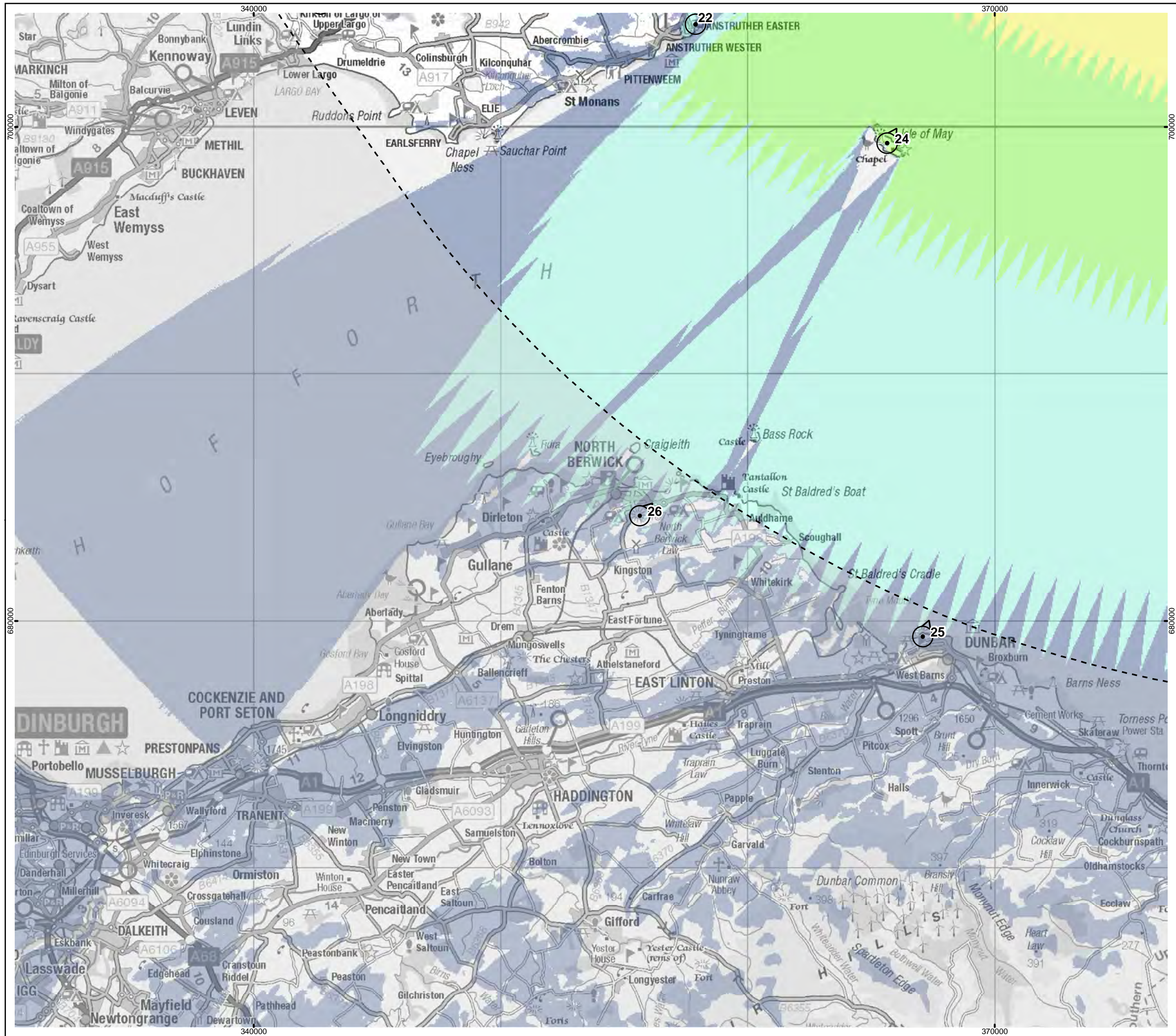
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Ref: 4914.00004 12.6a Horizontal Angle ZTV_Section A

Figure 12.6a
Horizontal Angle ZTV
Section A

Inch Cape
Wind Farm





Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Viewpoint Location

Horizontal Subtended Angle
Visible at Blade Tip Level (291 m)

0 - 15

15.1 - 20

20.1 - 25

25.1 - 30

30.1 - 35

35.1 - 50

50.1 - 90

90.1 - 360

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1 Viewshed tool

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

N

Geodetic Parameters:

OSGB 1936 BNG

Produced: JM

Reviewed: JP

Approved: LG

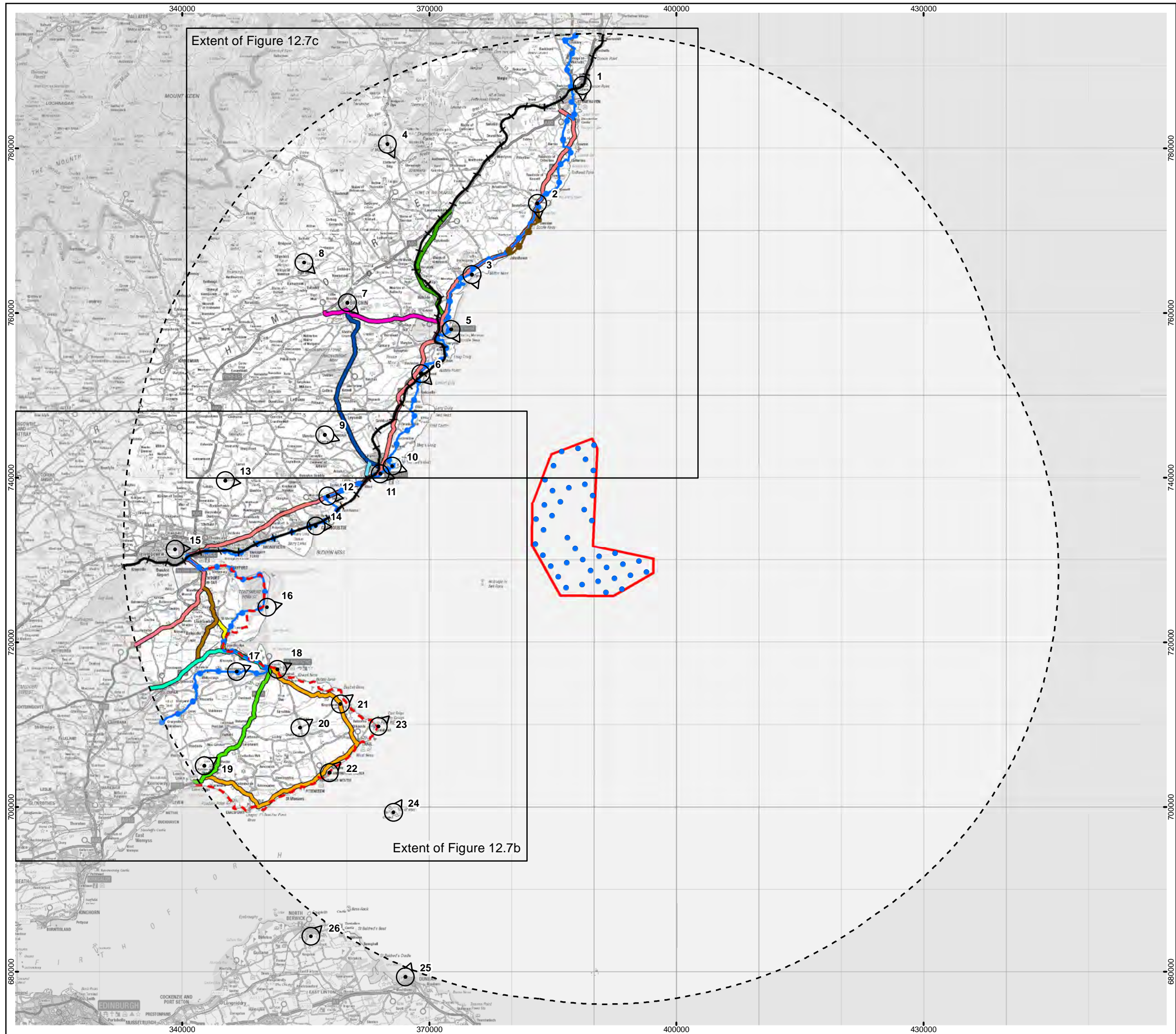
Date: 03/05/2018

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Ref: 4914.00004 12.6d Horizontal Angle ZTV_Section D

Figure 12.6d
Horizontal Angle ZTV
Section D

Inch Cape
Wind Farm



KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Viewpoint Location

Route

- A91
- A914
- A915
- A917
- A919
- A92
- A933a
- A933b
- A935
- A937
- Fife Coastal Path
- NCN Route 1a
- NCN Route 1b
- Railway Edinburgh to Aberdeen

Horizontal Scale 1:450,000 A3 Chart
0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

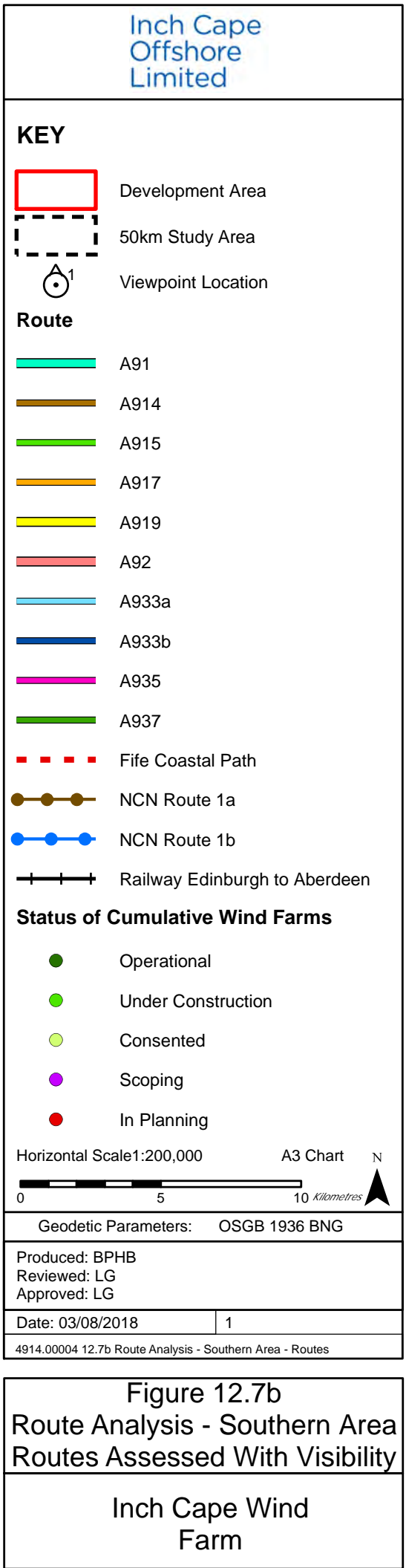
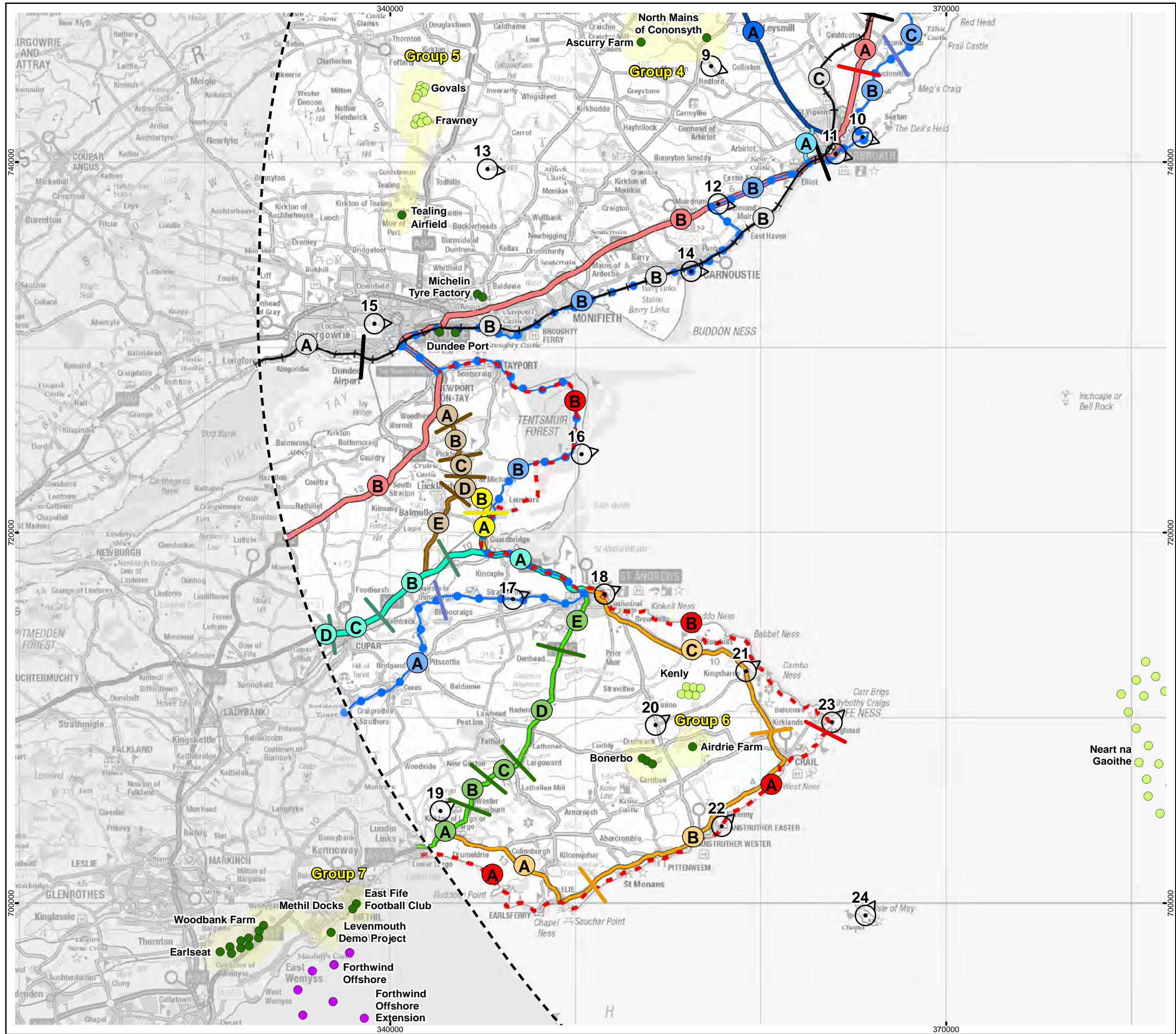
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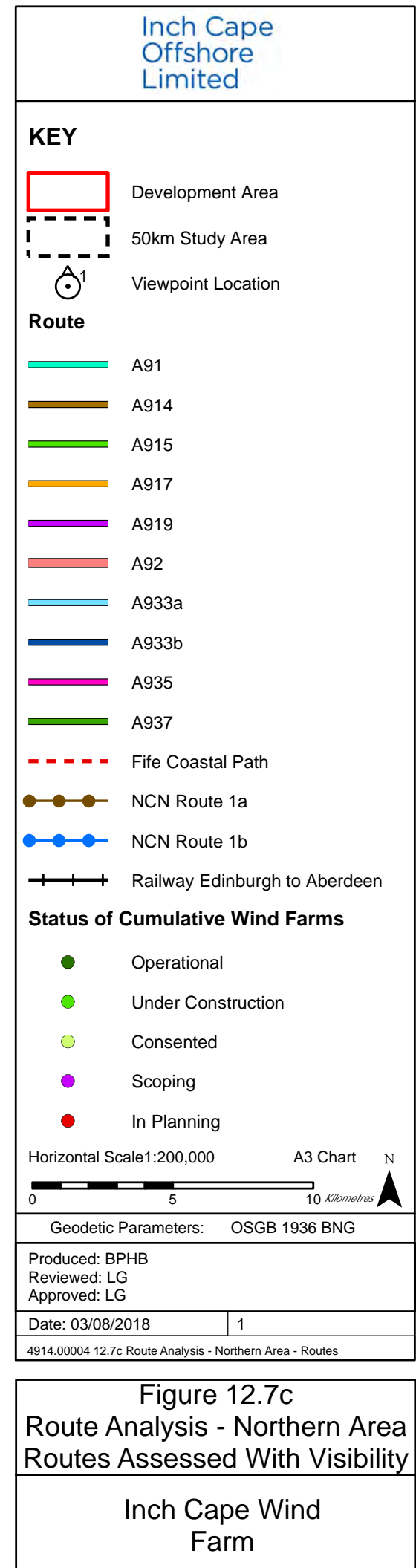
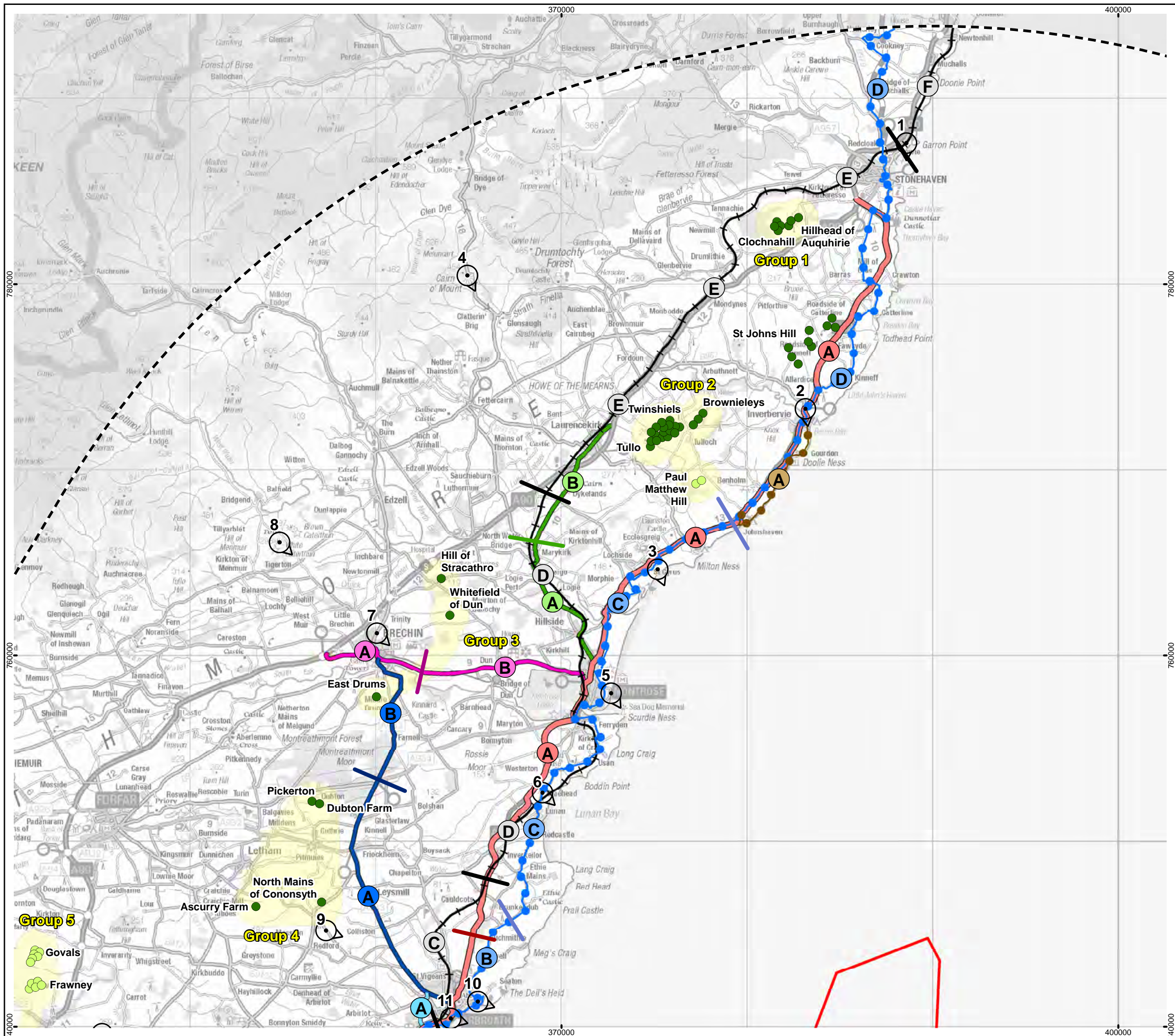
Date: 06/08/2018 1

Ref: 4914.00004 12.7a.2 Route Analysis - Routes Assessed

Figure 12.7a
Route Analysis
Routes Assessed

Inch Cape Wind
Farm



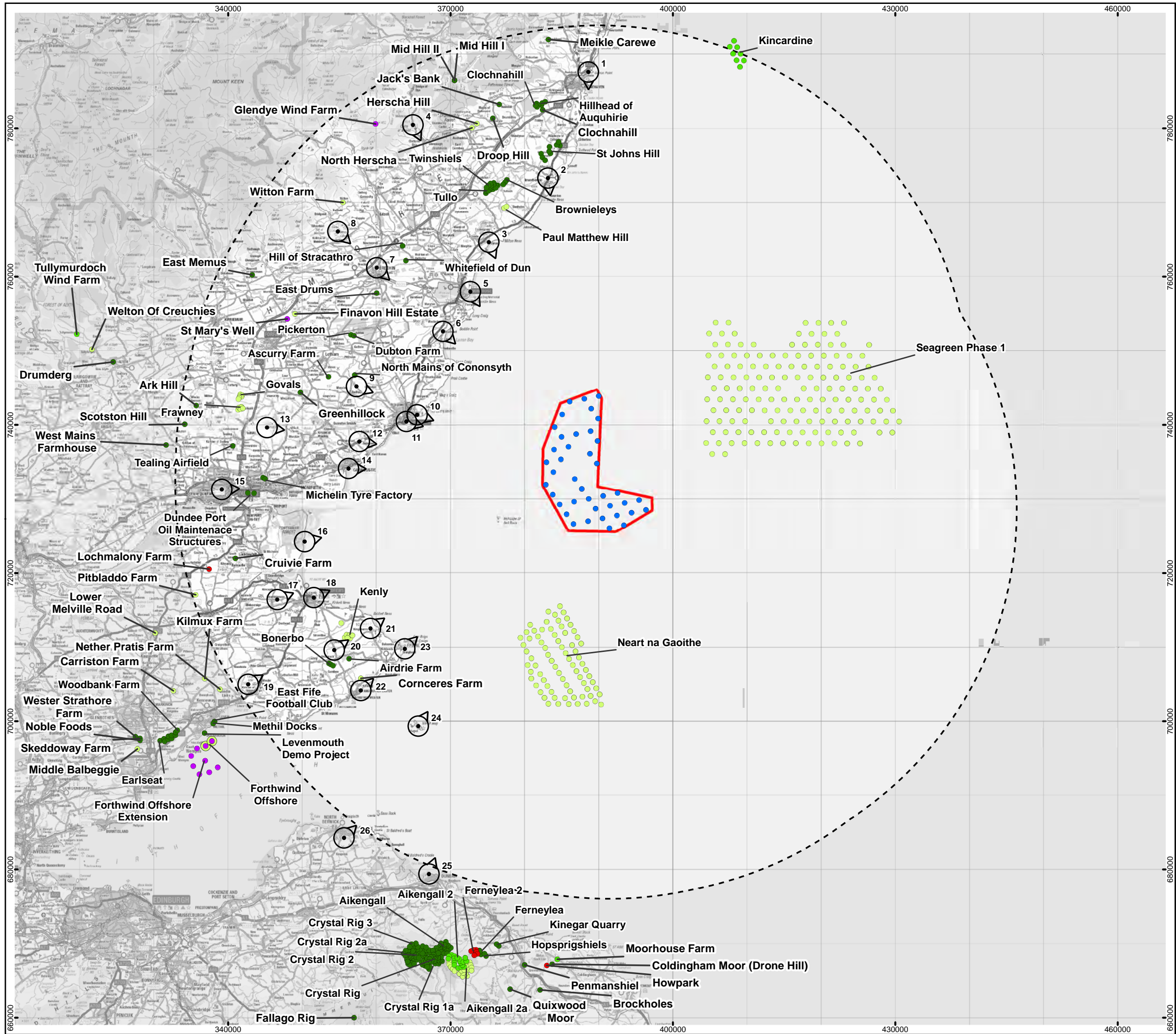


Route	Section	Visibility
A91	A	Inch Cape, Seagreen, Naert Na Gaoithe, partial Group 4, Group 5, Michelin Tyre Factory, Dundee Port and Kenly
A91	B	Inch Cape and Seagreen
A91	C	No Visibility
A91	D	Inch Cape
A914	A	partial Inch Cape, partial Seagreen, Naert Na Gaoithe, partial Group 5, partial Dundee Port, Kenly and Group 6
A914	B	No Visibility
A914	C	Inch Cape, Seagreen, Naert Na Gaoithe, partial Group 5, Kenly and Group 6
A914	D	Group 5
A914	E	Inch Cape, Seagreen, Naert Na Gaoithe, Kenly and partial Group 6
A915	A	Forthwind, Forthwind Ext and Group 7
A915	B	partial Inch Cape, partial Seagreen, Naert Na Gaoithe, partial Forthwind and partial Forthwind Ext
A915	C	No Visibility
A915	D	Inch Cape, Seagreen, Naert Na Gaoithe, Group 4, Group 5, Michelin Tyre Factory, Dundee Port, Kenly and Group 6
A915	E	Inch Cape, Seagreen, Naert Na Gaoithe, Group 4, Group 5, Michelin Tyre Factory and Dundee Port
A917	A	Naert Na Gaoithe, Forthwind, Forthwind Ext, partial Kenly, Group 6, Group 7 and Group 9
A917	B	Inch Cape, partial Seagreen, Naert Na Gaoithe, Forthwind, Forthwind Ext, Kenly, Group 6, Group 7, Group 8 and Group 9
A917	C	Inch Cape, Seagreen, Naert Na Gaoithe, Group 4, Group 5, Michelin Tyre Factory, Dundee Port, Kenly and Group 6
A919	A	Inch Cape, partial Seagreen, Naert Na Gaoithe, Group 5, Michelin Tyre Factory, Dundee Port and Kenly
A919	B	Inch Cape, Seagreen, Naert Na Gaoithe, Group 5, Michelin Tyre Factory, partial Dundee Port, Kenly and Group 6
A92	A	Inch Cape, partial Kincardine, Seagreen, Naert Na Gaoithe, partial Group 1, partial St Johns Hill, Group 2, partial Group 3, partial Group 4 and partial Group 5
A92	B	Inch Cape, Seagreen, Naert Na Gaoithe, partial Group 5, Michelin Tyre Factory, Dundee Port, Kenly and Group 6
A933a	A	Inch Cape, Seagreen, Naert Na Gaoithe, Group 4, partial Group 5, Kenly and Group 6
A933b	A	Inch Cape, Seagreen, Naert Na Gaoithe, Group 2, Group 3 and Group 4, partial Kenly and partial Group 6
A933b	B	partial Inch Cape, partial Seagreen, partial Naert Na Gaoithe, partial Group 1, Group 2, Group 3, Group 4 and partial Group 5
A935	A	Inch Cape, Seagreen and Group 3
A935	B	Inch Cape, Seagreen, partial Group 2, Group 3, Group 4 and Group 5
A937	A	Inch Cape, Seagreen, Group 2, Group 3, partial Group 4 and partial Group 5
A937	B	partial Group 1, Group 2, Group 3, partial Group 4 and partial Group 5
Fife Coastal Path	A	partial Inch Cape, partial Seagreen, Naert Na Gaoithe, Forthwind, Forthwind Ext, partial Kenly, partial Group 6, Group 7, partial Group 8 and Group 9
Fife Coastal Path	B	Inch Cape, Seagreen, Naert Na Gaoithe, partial Group 4, Group 5, Michelin Tyre Factory, Dundee Port, Kenly and partial Group 6
NCN Route 1a	A	Inch Cape, Kincardine, Seagreen, Naert Na Gaoithe and partial St Johns Hill, partial Group 2 and partial Group 4
NCN Route 1b	A	No Visibility
NCN Route 1b	B	Inch Cape, Seagreen, Naert Na Gaoithe, partial Group 4, Group 5, Michelin Tyre Factory, Dundee Port, Kenly and Group 6
NCN Route 1b	C	Inch Cape, Seagreen, Naert Na Gaoithe, partial Group 1, partial St Johns Hill, Group 2, Group 3, Group 4 and partial Group 5
NCN Route 1b	D	Inch Cape, Kincardine, Seagreen, partial Naert Na Gaoithe, Group 1, St Johns Hill, and partial Group 2
Railway Edinburgh to Aberdeen	A	partial Inch Cape, partial Dundee Port
Railway Edinburgh to Aberdeen	B	Inch Cape, Seagreen, Naert Na Gaoithe, partial Group 5, partial Michelin Tyre Factory, partial Dundee Port, Kenly and Group 6
Railway Edinburgh to Aberdeen	C	Group 4
Railway Edinburgh to Aberdeen	D	Inch Cape, Seagreen, partial Naert Na Gaoithe, partial Group 2, partial Group 3, partial Group 4 and partial Group 5
Railway Edinburgh to Aberdeen	E	Group 1, partial St Johns Hill, Group 2, Group 3 and partial Group 4
Railway Edinburgh to Aberdeen	F	Inch Cape, Kincardine, Seagreen, Naert Na Gaoithe and St Johns Hill

Produced: BPHB Reviewed: LG Approved: LG	
Date: 03/08/2018	1
4914.00004 12.35c Route Analysis - Legend - Routes	

Figure 12.7d
Route Analysis - Legend
Routes Assessed With Visibility

Inch Cape Wind
Farm



KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Viewpoint Location

Status of Cumulative Wind Farms

- Operational
- Under Construction
- Consented
- Scoping
- In Planning

Horizontal Scale 1:500,000 A3 Chart N

Geodetic Parameters: OSGB 1936 BNG

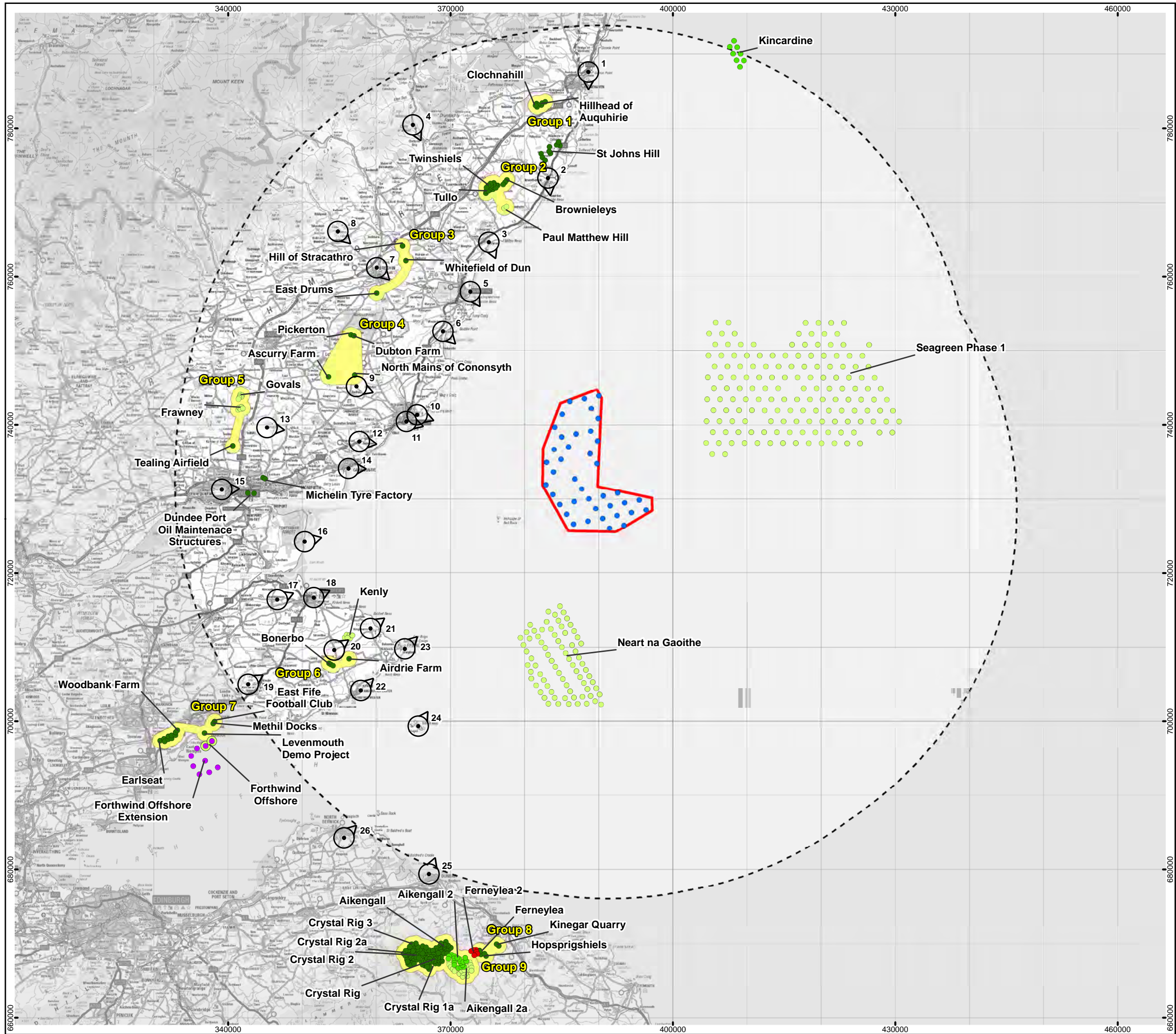
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.8 Cumulative Sites within Search Area

Figure 12.8
Cumulative Sites
wihtin Search Area

Inch Cape Wind Farm



KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Viewpoint Location

Status of Cumulative Wind Farms

- Operational
- Under Construction
- Consented
- Scoping
- In Planning

Horizontal Scale 1:500,000 A3 Chart N

Geodetic Parameters: OSGB 1936 BNG

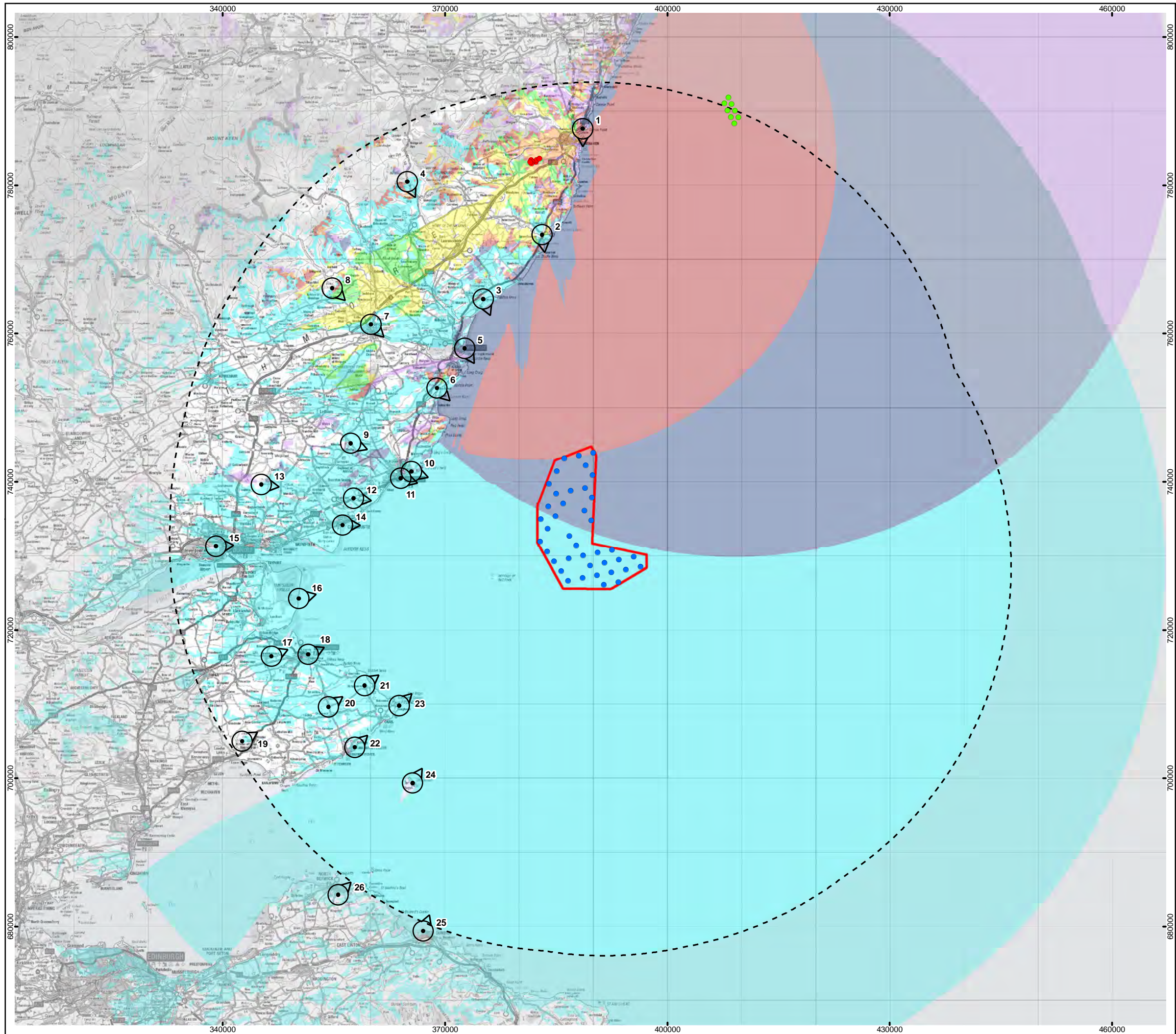
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.9 Cumulative Windfarm Sites Assessed and Groups

Figure 12.9
Cumulative Wind Farm Sites Assessed and Groups

Inch Cape Wind Farm

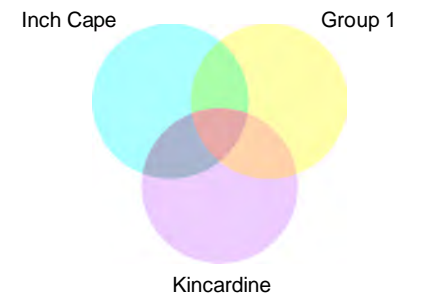


Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 1
- Kincardine
- Viewpoint Location

Zones of Theoretical Visibility



Group 1

Clochnahill
Hillhead of Auquhirie

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale: 1:500,000 A3 Chart
0 10 20 Kilometres

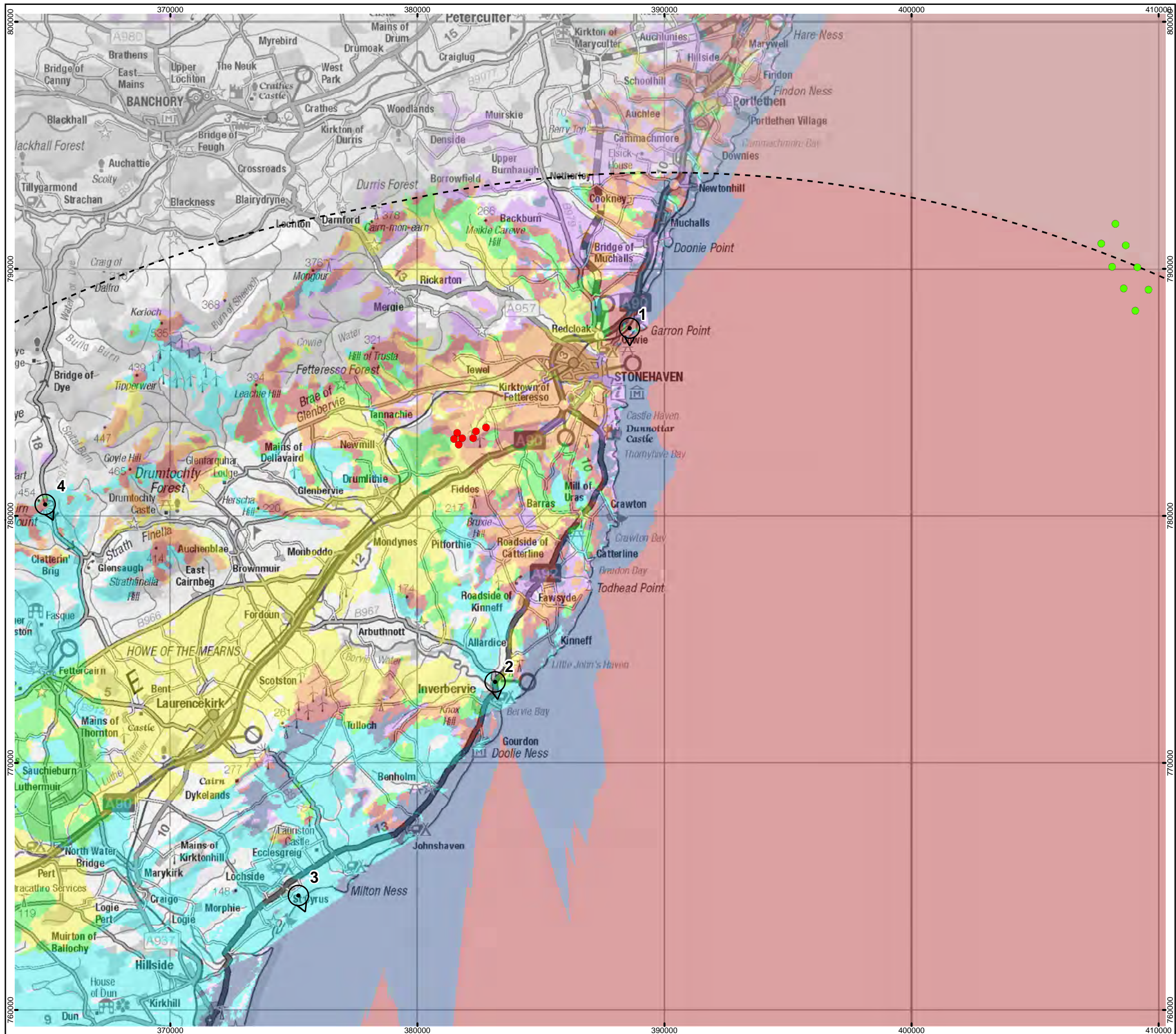
Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

Date: 03/05/2018 1
Ref: 4914.00004 12.10 Cumulative ZTV Inch Cape Group1 & OWF1

Figure 12.10
Cumulative ZTV
Inch Cape, Group1 & Kincardine

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Group 1

Kincardine

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Group 1

Kincardine

Group 1

Clochnahill

Hillhead of Auquhirie

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 02/05/2018

1

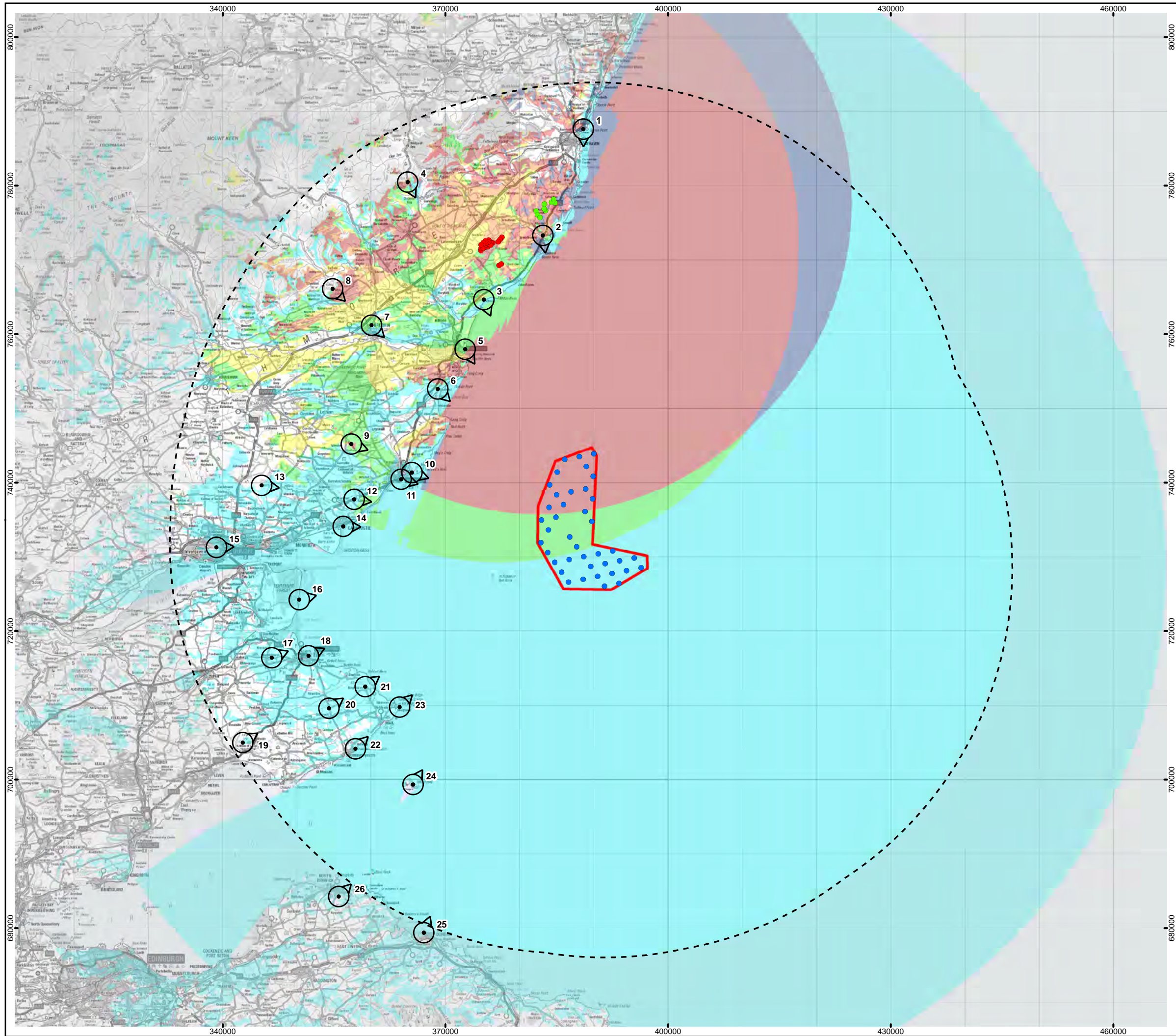
Ref: 4914.00004 12.10a Cumulative ZTV Inch Cape Group1 & OWF1

Figure 12.10a

Cumulative ZTV


Inch Cape, Group1 & Kincardine

Inch Cape
Wind Farm

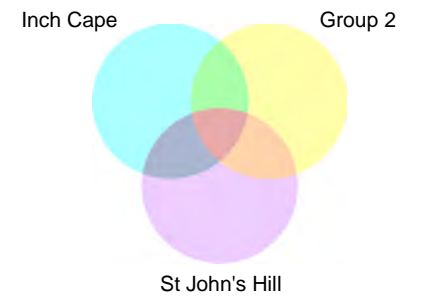


Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Group 2
-  St John's Hill
-  Viewpoint Location

Zones of Theoretical Visibility

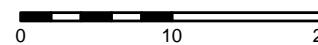


Group 2

Brownieleys
Paul Matthew Hill
Tullo
Twinshiels

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart
 0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

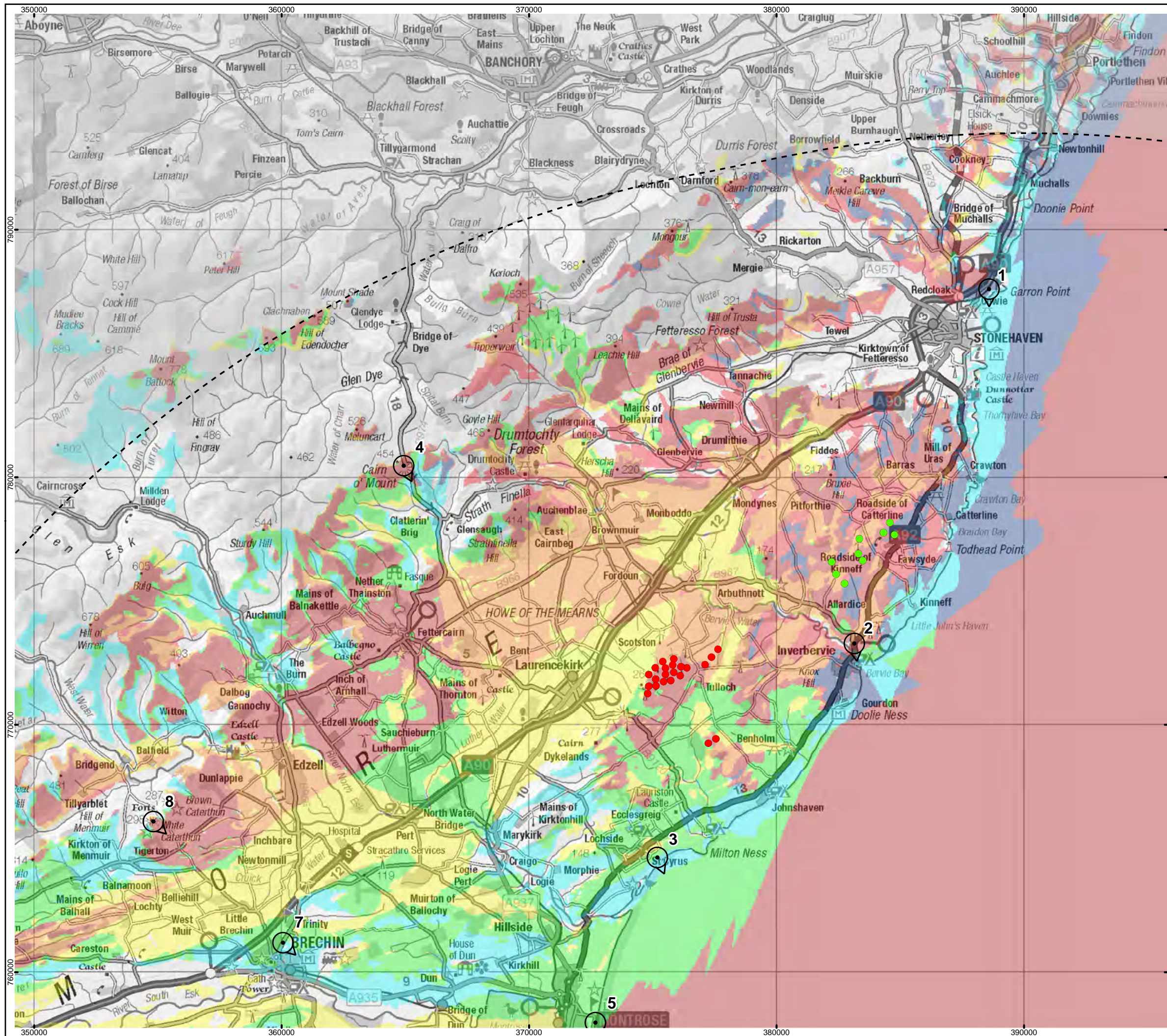
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Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.11 Cumulative ZTV Inch Cape Group 2 & WF1



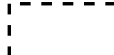



Figure 12.11
Cumulative ZTV
Inch Cape, Group 2
& St John's Hill

Inch Cape
Wind Farm

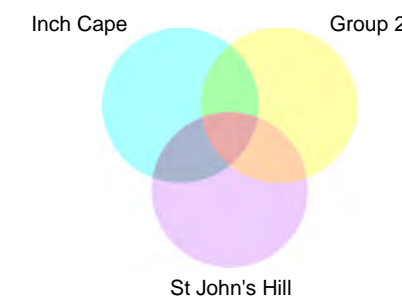


Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Group 2
-  St John's Hill
-  Viewpoint Location

Zones of Theoretical Visibility



Group 2

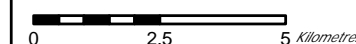
Brownieleys
Paul Matthew Hill
Tullo
Twinshiels

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000

A3 Chart



Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

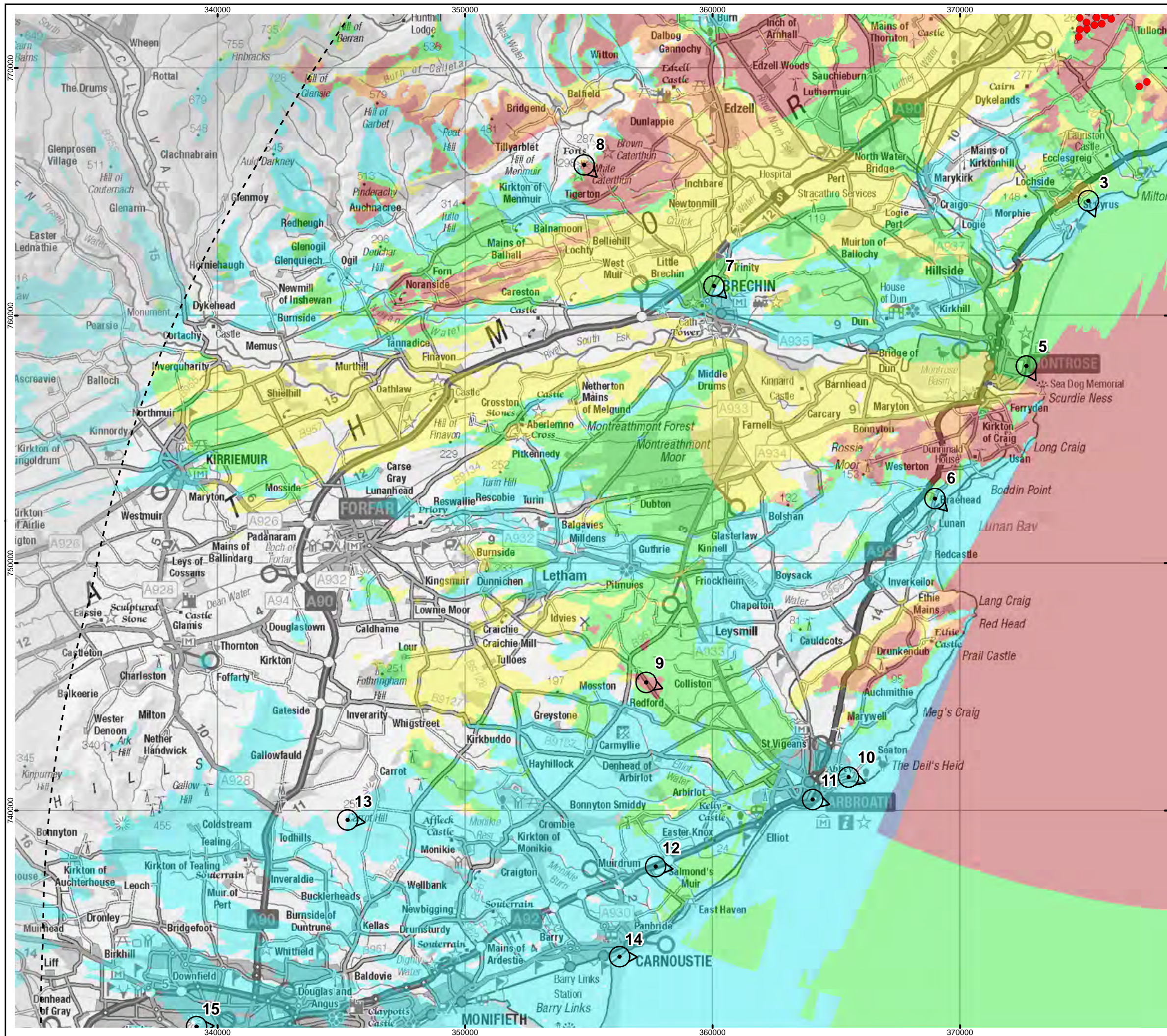
Date: 30/04/2018

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Ref: 4914.00004 12.11a Cumulative ZTV Inch Cape Group 2 & WF1

Figure 12.11a
Cumulative ZTV
Inch Cape, Group 2
& St John's Hill

Inch Cape
Wind Farm

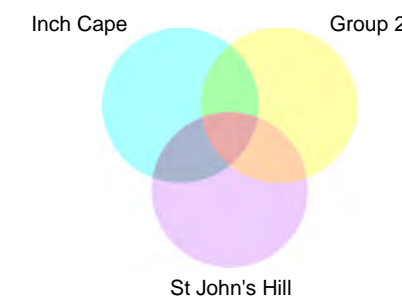


Inch Cape Offshore Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 2
- St John's Hill
- Viewpoint Location

Zones of Theoretical Visibility



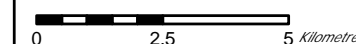
Group 2

Brownieleys
Paul Matthew Hill
Tullo
Twinshiels

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart



Geodetic Parameters: OSGB 1936 BNG

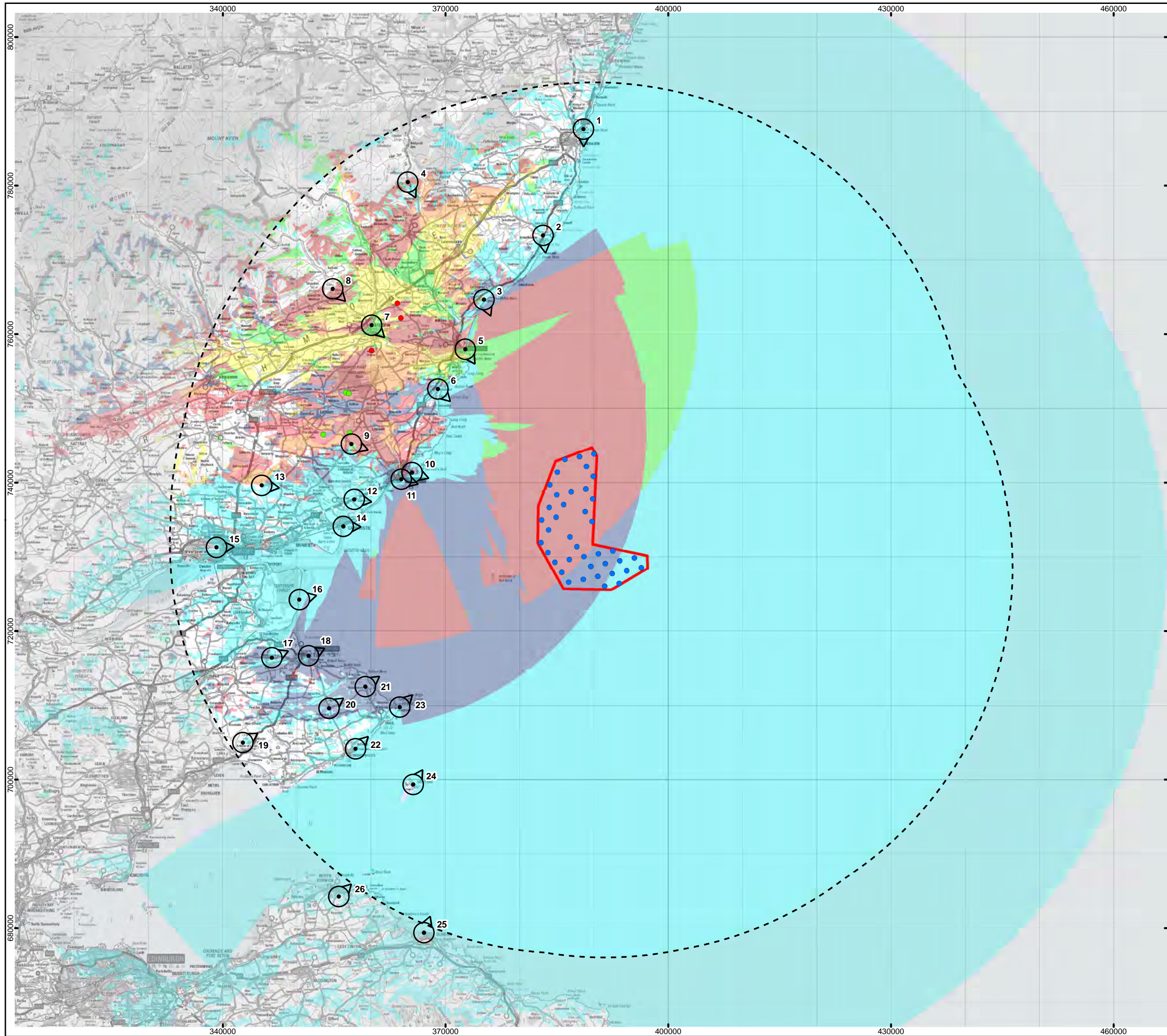
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.11b Cumulative ZTV Inch Cape Group 2 & WF1

Figure 12.11b
Cumulative ZTV
Inch Cape, Group 2
& St John's Hill

Inch Cape
Wind Farm

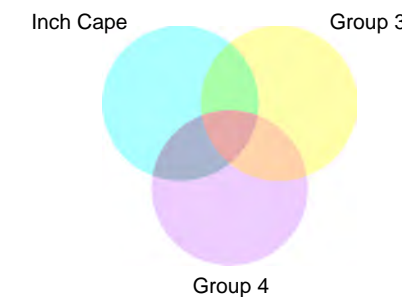


Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 3
- Group 4
- Viewpoint Location

Zones of Theoretical Visibility



Group 3

East Drums
Hill of Stracathro
Whitefield of Dun Farm

Group 4

Ascurry Farm
Dubton Farm
North Mains of Cononsyth
Pickerton

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart
0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

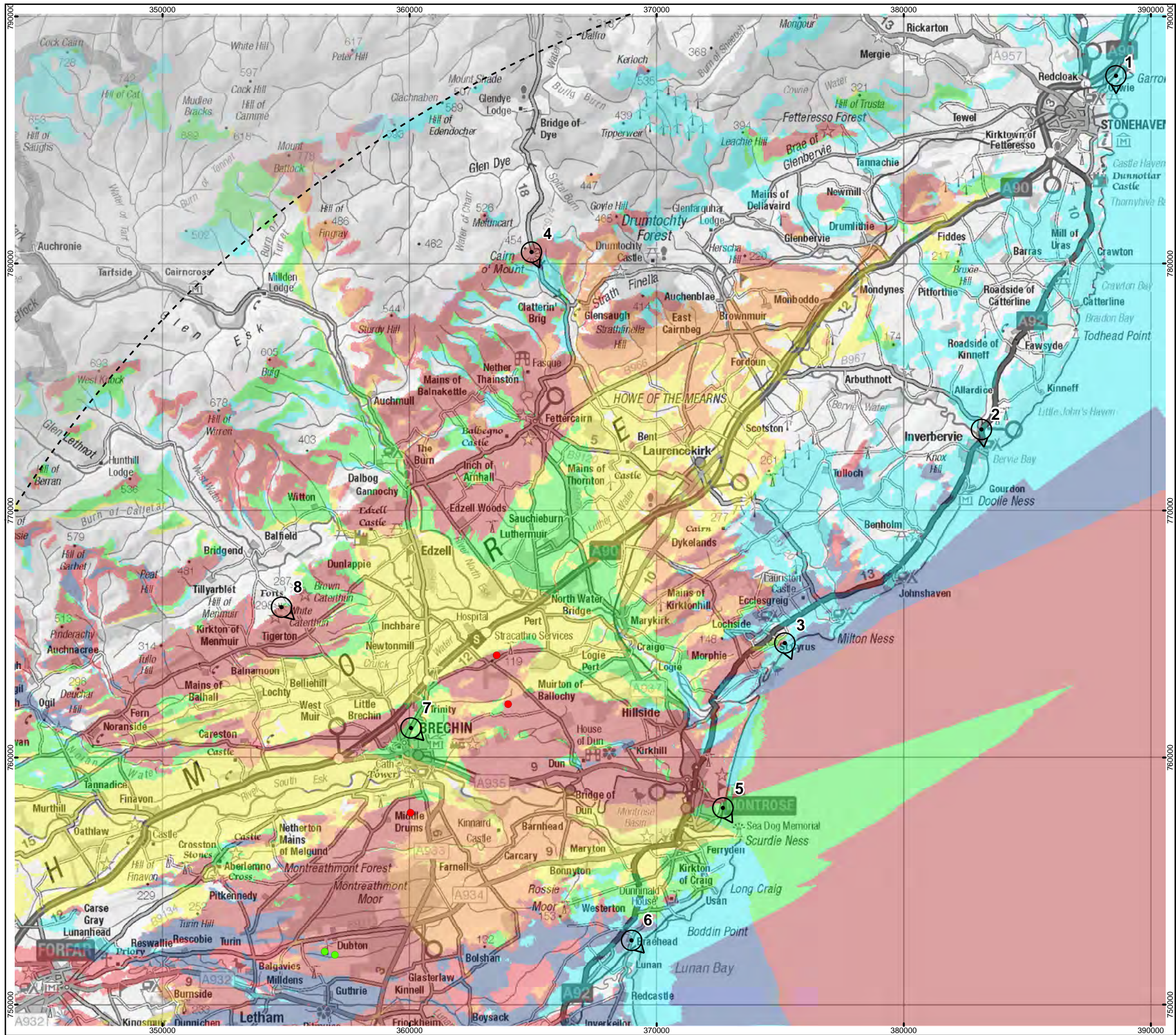
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.12 Cumulative ZTV Inch Cape Group 3 & Group 4

Figure 12.12
Cumulative ZTV
Inch Cape, Group 3 & Group 4

Inch Cape
Wind Farm

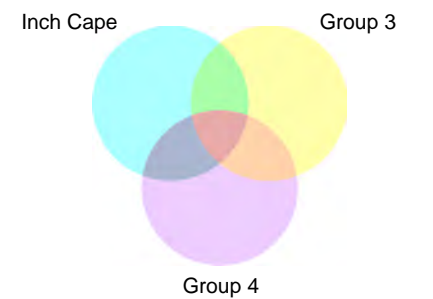


Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 3
- Group 4
- Viewpoint Location

Zones of Theoretical Visibility



Group 3

East Drums
Hill of Stracathro
Whitefield of Dun Farm

Group 4

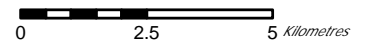
Ascurry Farm
Dubton Farm
North Mains of Cononsyth
Pickerton

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000

A3 Chart



Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

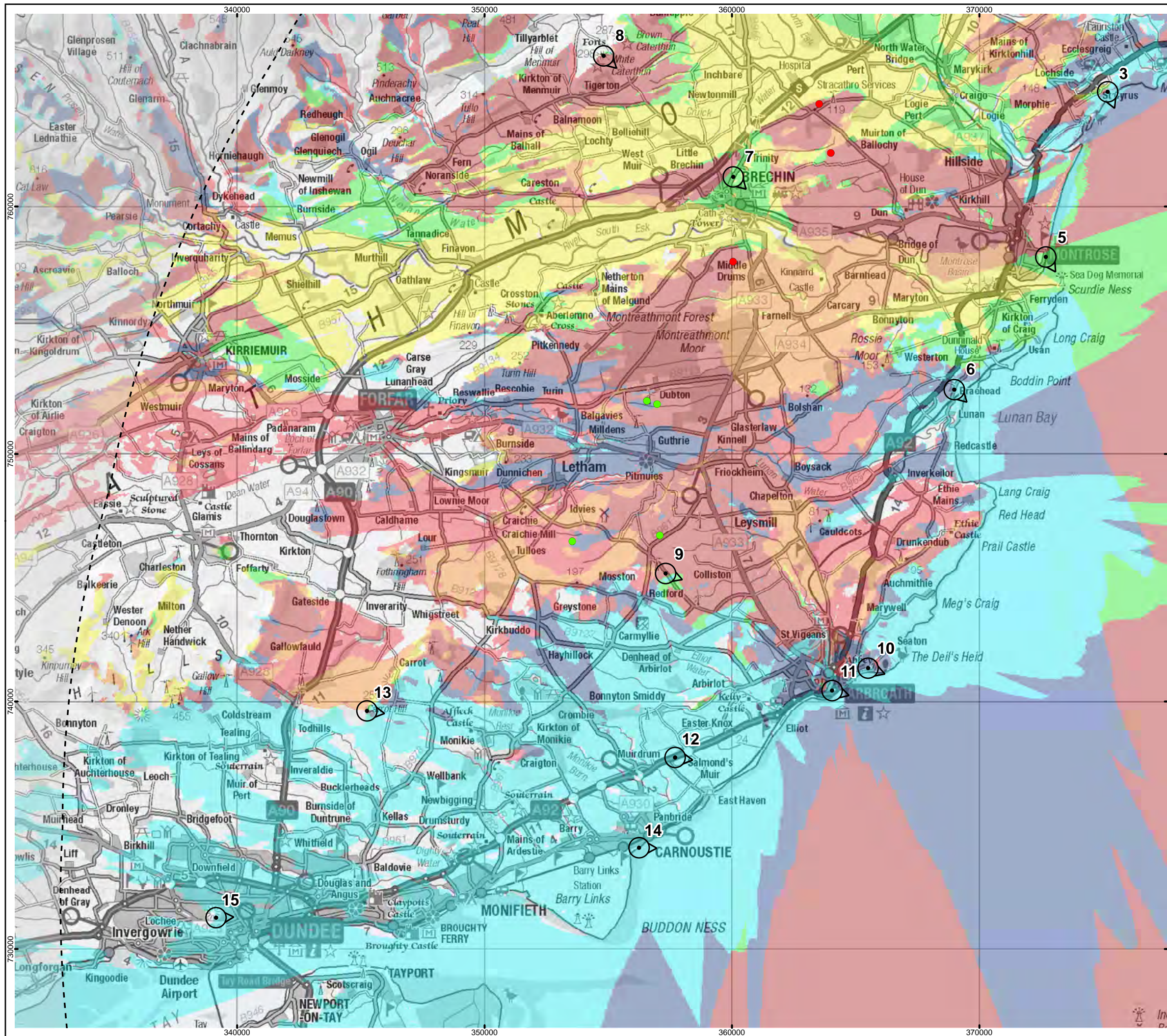
Date: 30/04/2018

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Ref: 4914.00004 12.12a Cumulative ZTV Inch Cape Group 3 & Group 4

Figure 12.12a
Cumulative ZTV
Inch Cape, Group 3 & Group 4

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines, 291m Tip Height)

50km Study Area

Group 3

Group 4

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Group 3

Group 4

Group 3

East Drums

Hill of Stracathro

Whitefield of Dun Farm

Group 4

Ascurry Farm

Dubton Farm

North Mains of Cononsyth

Pickerton

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

N

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 30/04/2018

1

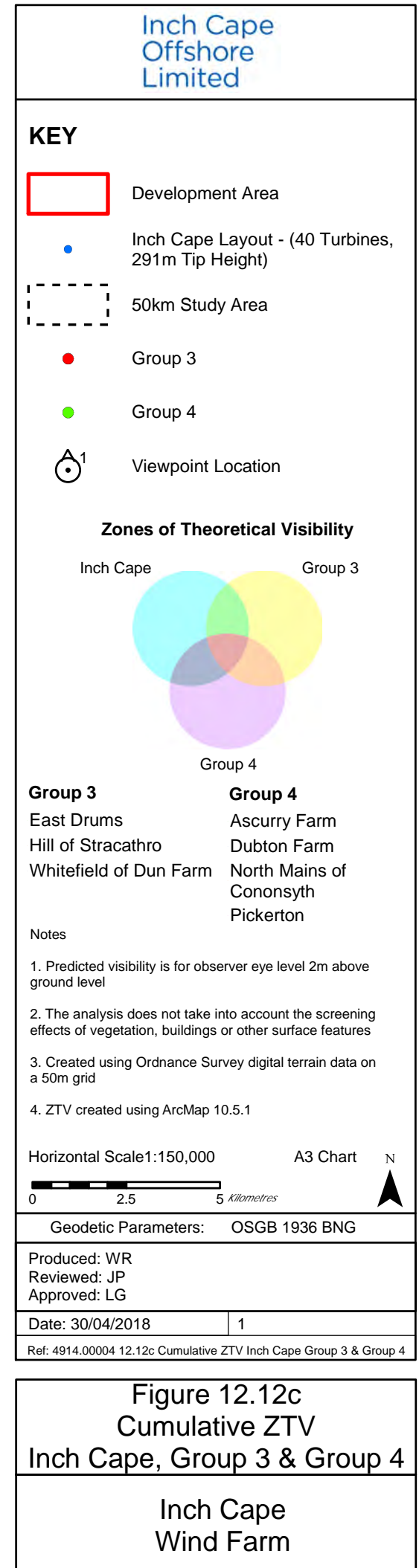
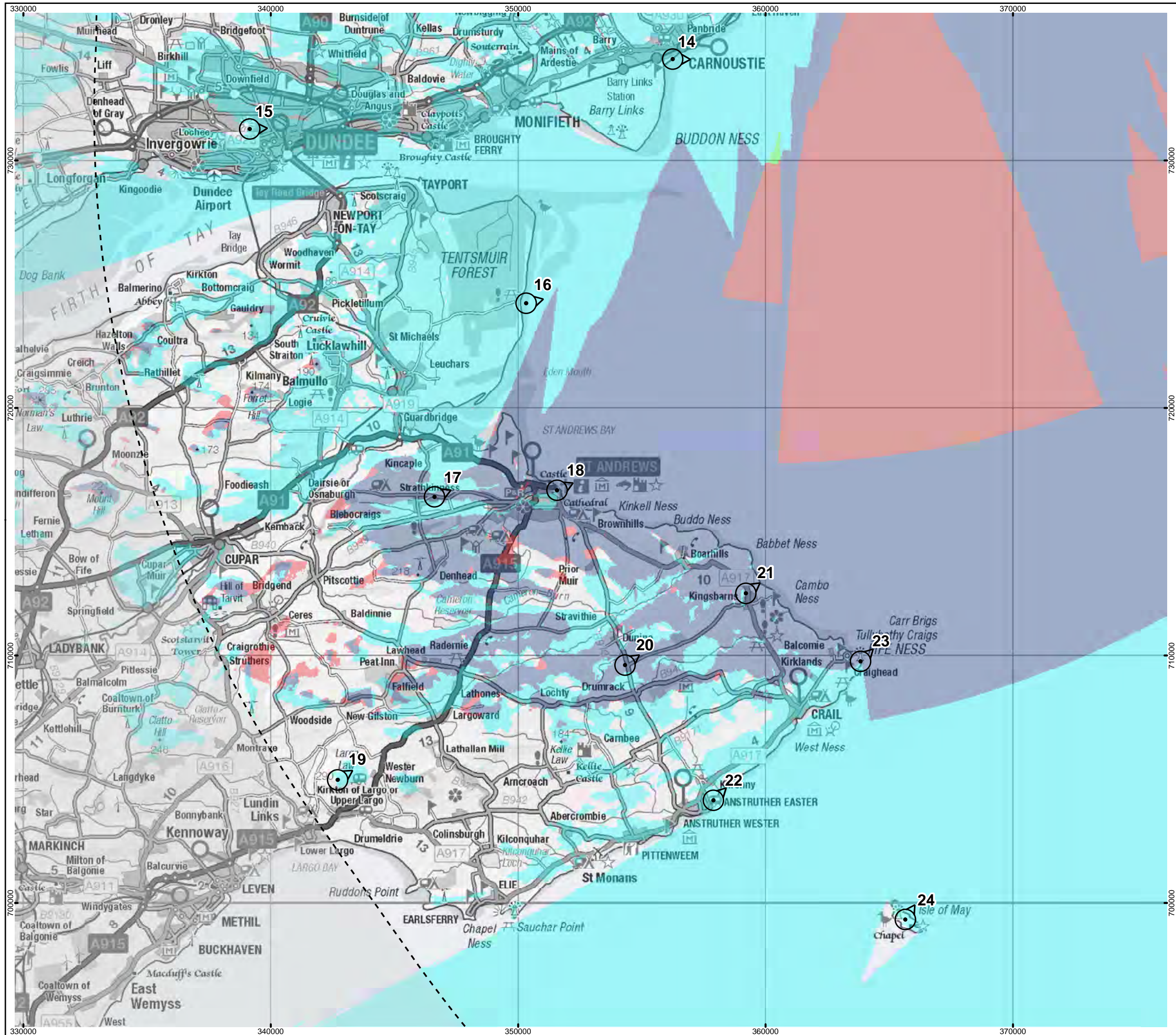
Ref: 4914.00004 12.12b Cumulative ZTV Inch Cape Group 3 & Group 4

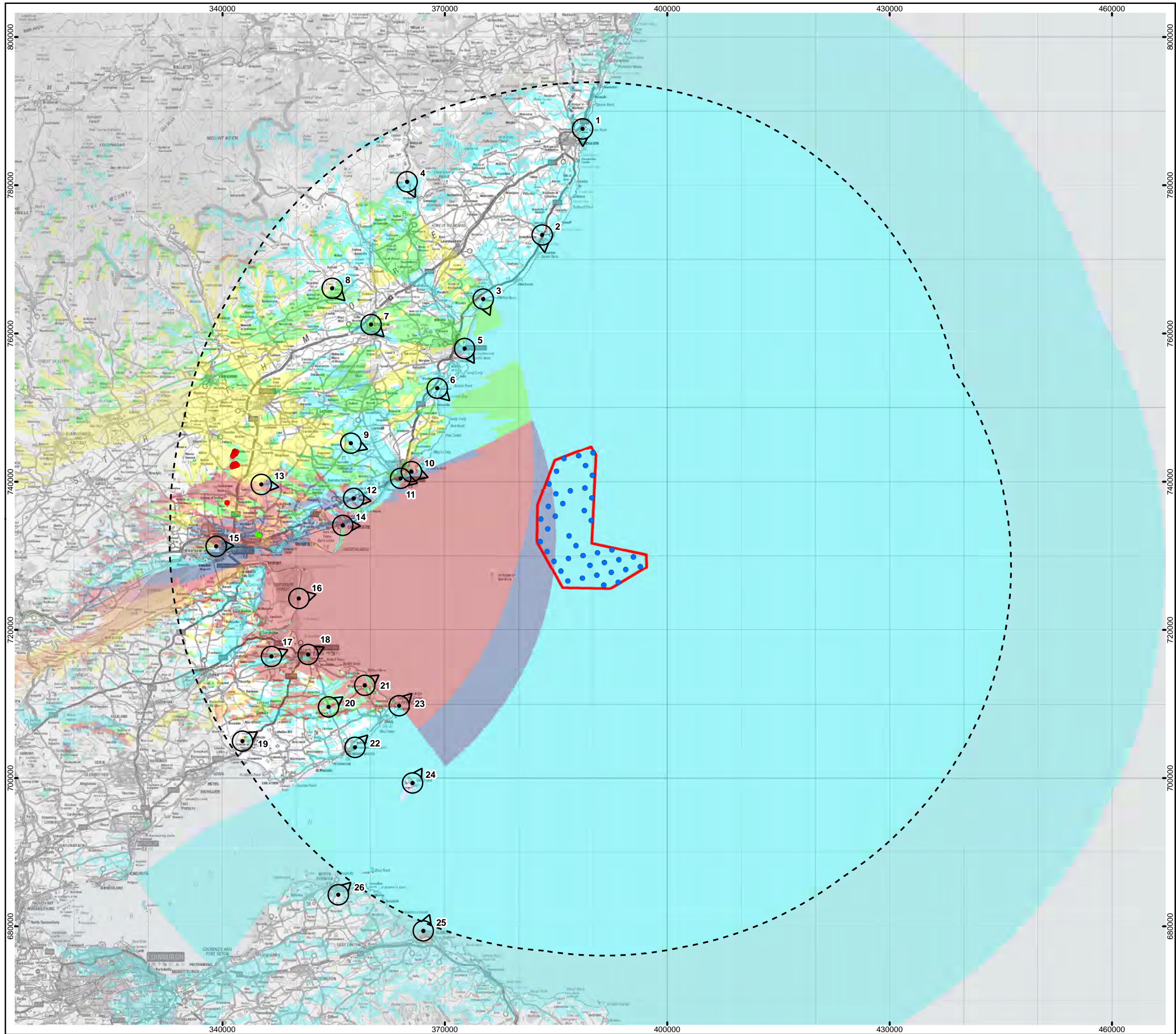
Figure 12.12b

Cumulative ZTV

Inch Cape, Group 3 & Group 4






Inch Cape Wind Farm



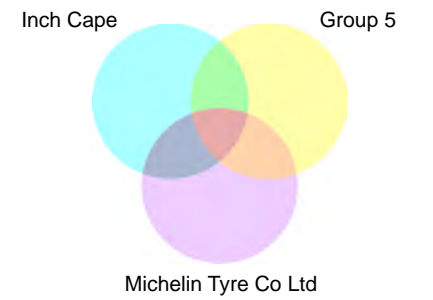


Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Group 5
-  Michelin Tyre Co Ltd
-  Viewpoint Location

Zones of Theoretical Visibility

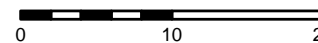


Group 5

Frawney
Govals
Tealing Airfield

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart N


Geodetic Parameters: OSGB 1936 BNG

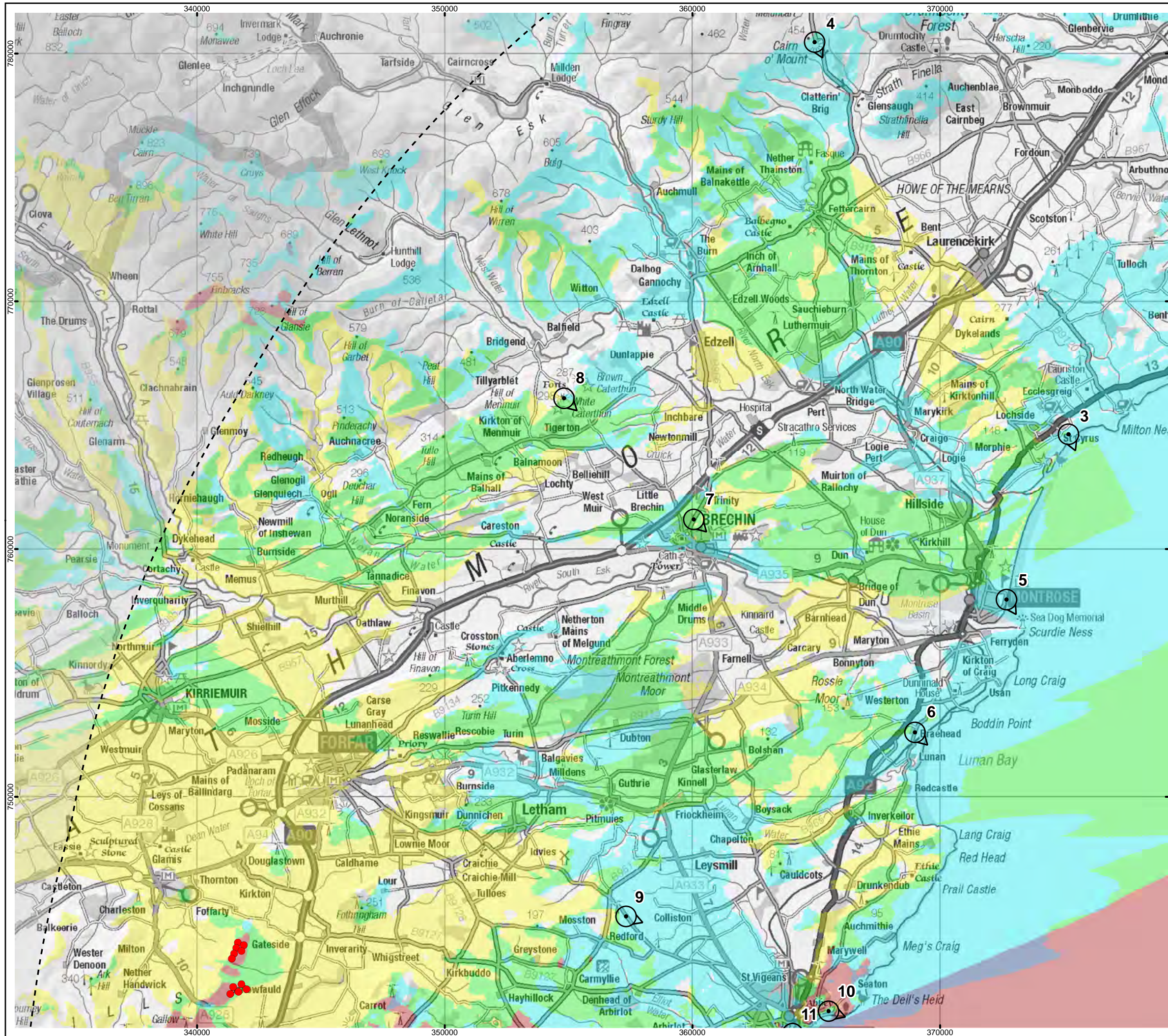
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.13 Cumulative ZTV Inch Cape Group 5 & WF2

Figure 12.13
Cumulative ZTV
Inch Cape, Group 5
& Michelin Tyre Co Ltd

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 5
- Michelin Tyre Co Ltd
- Viewpoint Location

Zones of Theoretical Visibility



Group 5

Frawney
Govals
Tealing Airfield

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart N

Geodetic Parameters: OSGB 1936 BNG

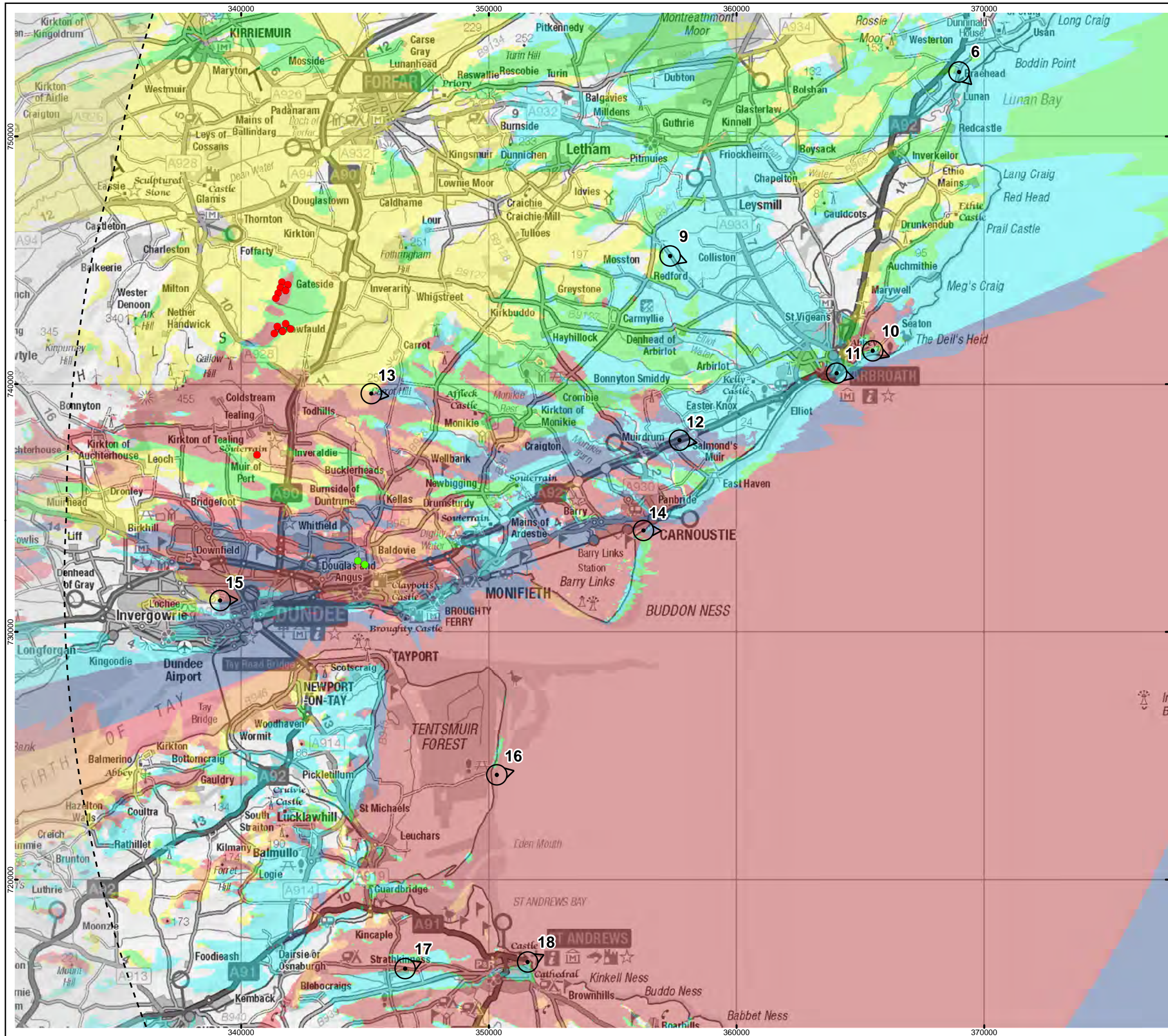
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Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.13a Cumulative ZTV Inch Cape Group 5 & WF2



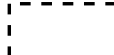



Figure 12.13a
Cumulative ZTV
Inch Cape, Group 5
& Michelin Tyre Co Ltd

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Group 5
-  Michelin Tyre Co Ltd
-  Viewpoint Location

Zones of Theoretical Visibility




Group 5

Frawney
Govals
Tealing Airfield

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart N


Geodetic Parameters: OSGB 1936 BNG

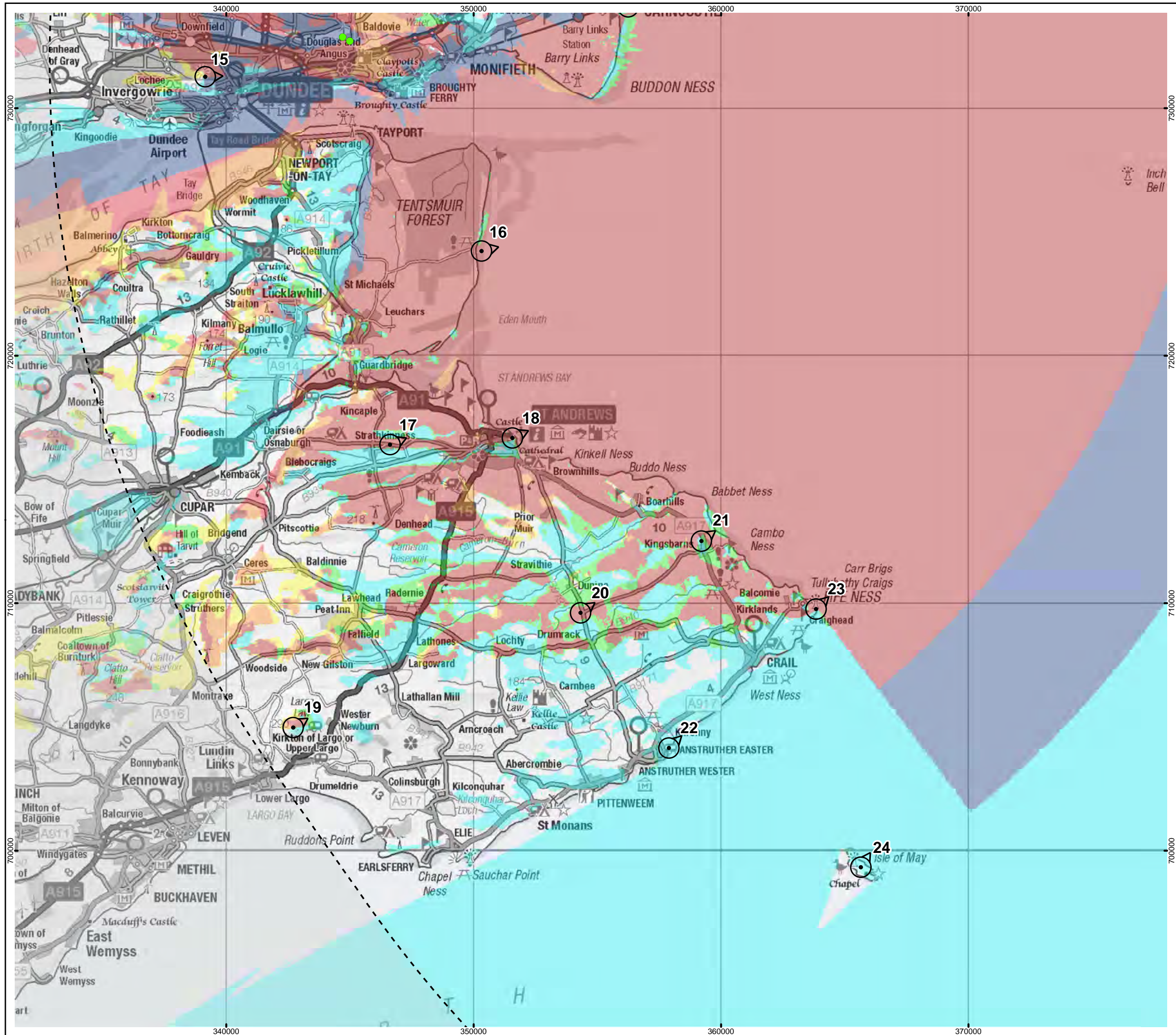
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.13b Cumulative ZTV Inch Cape Group 5 & WF2







Figure 12.13b
Cumulative ZTV
Inch Cape, Group 5
& Michelin Tyre Co Ltd

Inch Cape
Wind Farm

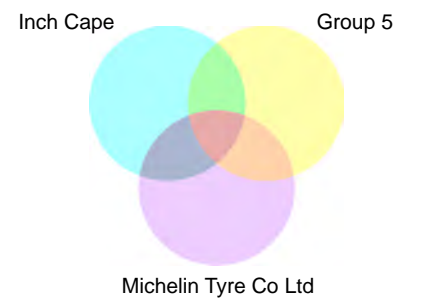


Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Group 5
-  Michelin Tyre Co Ltd
-  Viewpoint Location

Zones of Theoretical Visibility

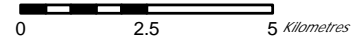


Group 5

Frawney
Govals
Tealing Airfield

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart N


Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

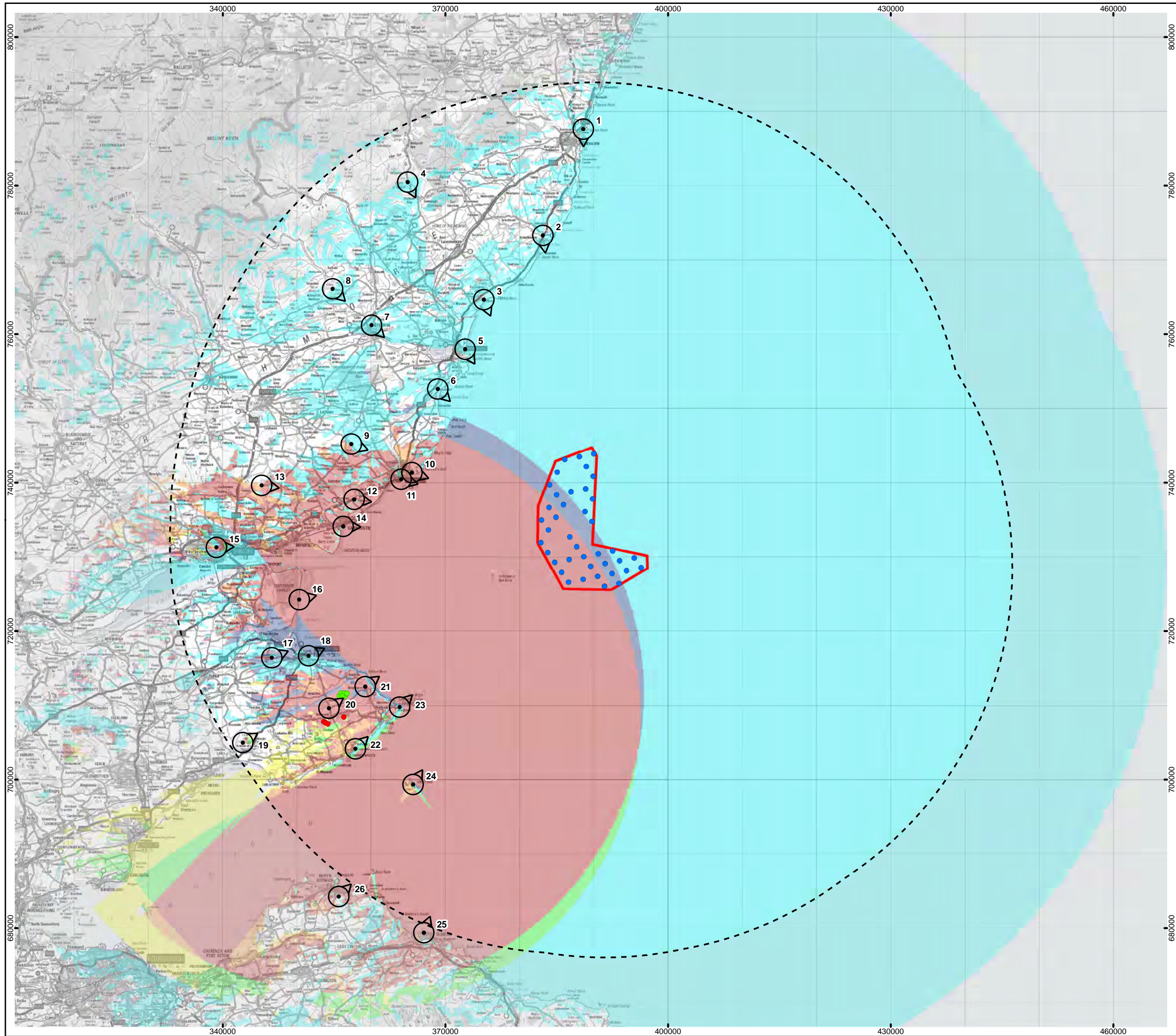
Date: 30/04/2018 1

Ref: 4914.00004 12.13c Cumulative ZTV Inch Cape Group 5 & WF2

Figure 12.13c
Cumulative ZTV
Inch Cape, Group 5
& Michelin Tyre Co Ltd







Inch Cape
Wind Farm



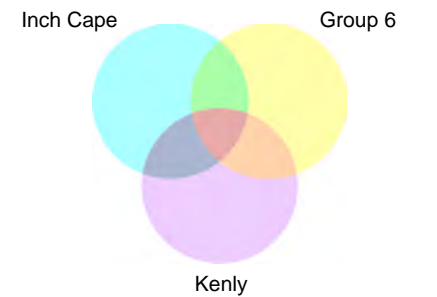


Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Group 6
-  Kenly
-  Viewpoint Location

Zones of Theoretical Visibility



Group 6

Airdrie Farm
Bonarbo

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart
0 10 20 Kilometres

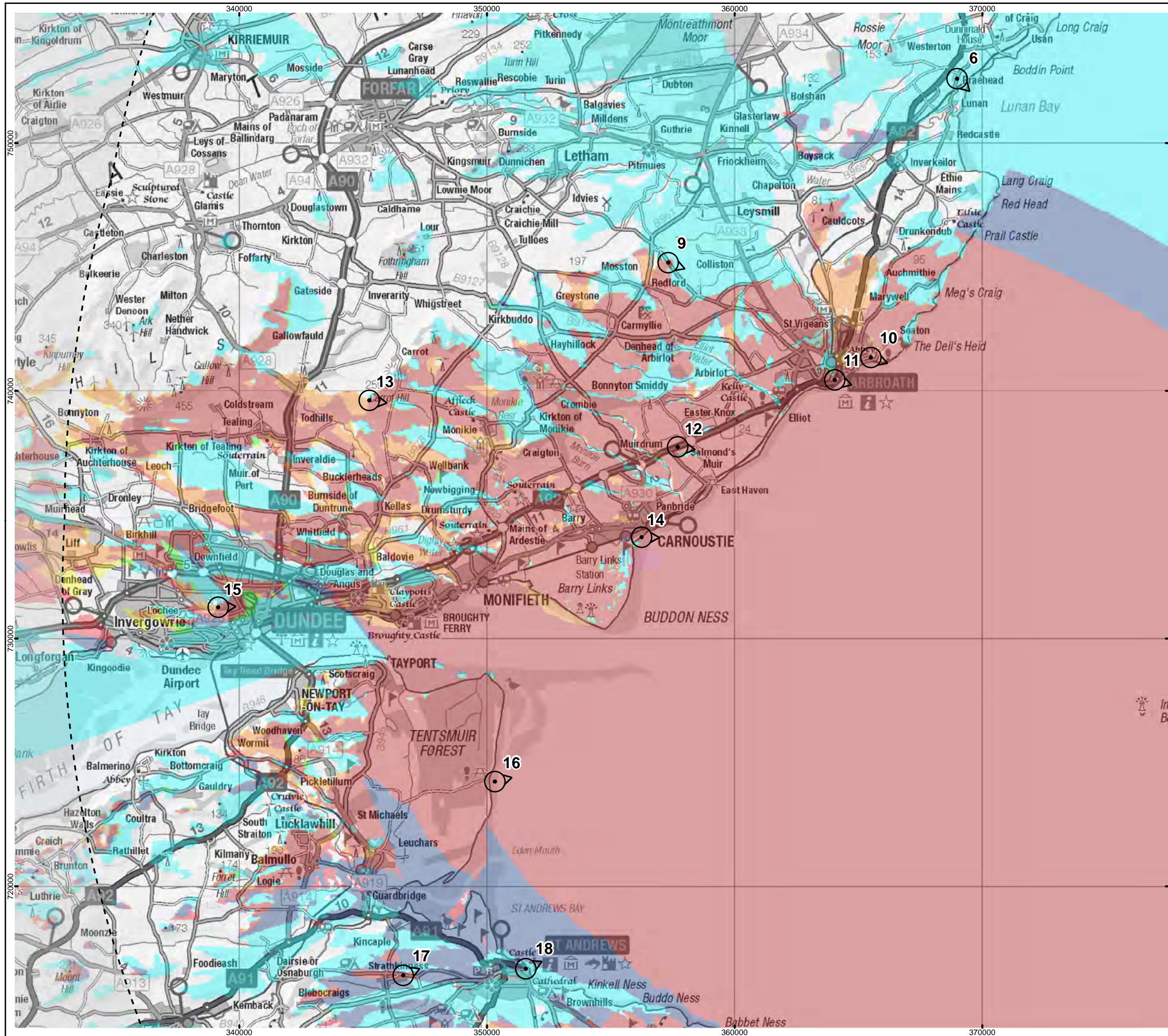
Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1
Ref: 4914.00004 12.15 Cumulative ZTV Inch Cape Group 6 & WF3

Figure 12.15
Cumulative ZTV
Inch Cape, Group 6 & Kenly

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 6
- Kenly
- Viewpoint Location

Zones of Theoretical Visibility



Group 6

Airdrie Farm
Bonerbo

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart

0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

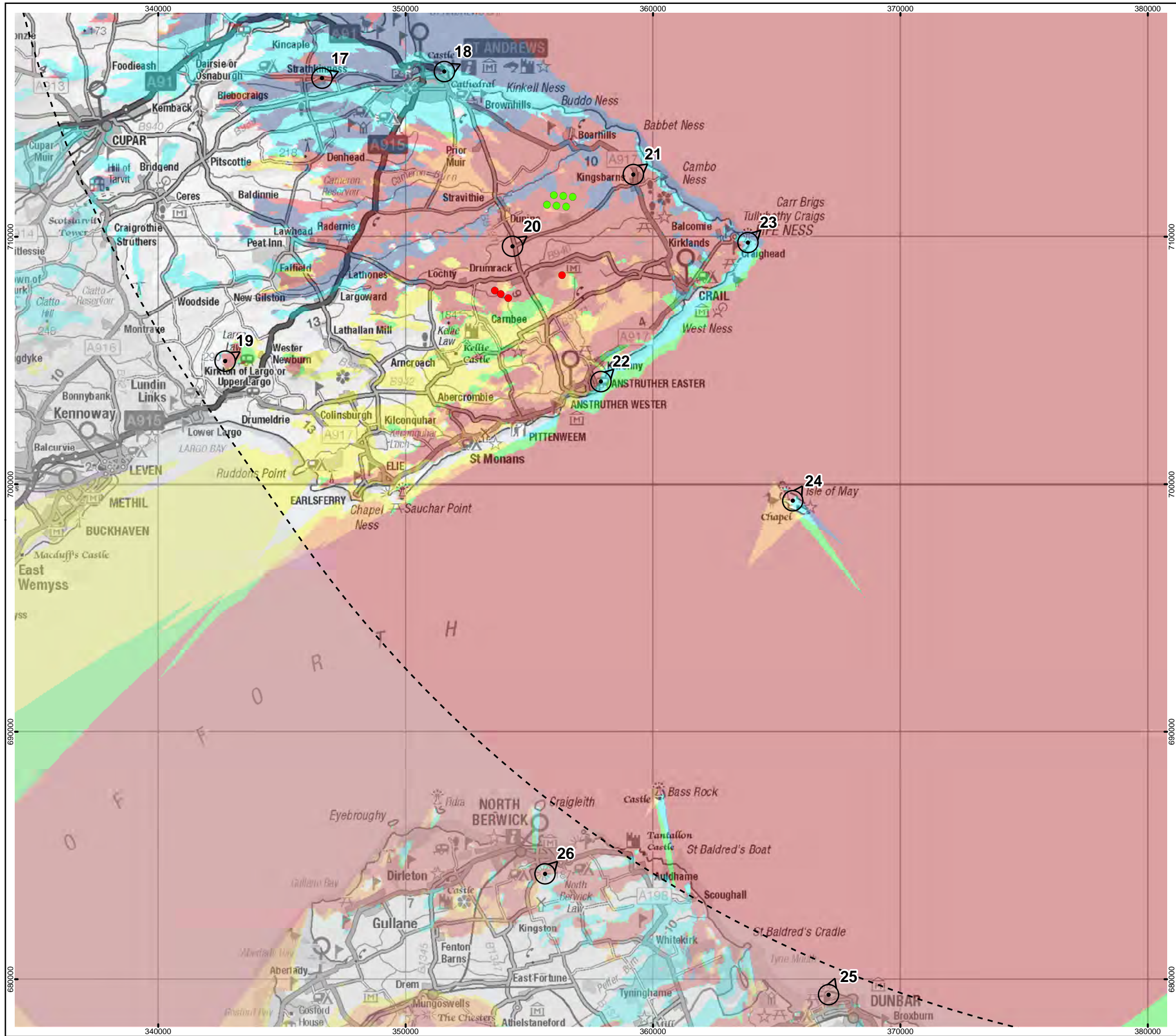
Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1

Ref: 4914.00004 12.15a Cumulative ZTV Inch Cape Group 6 & WF3

Figure 12.15a
Cumulative ZTV
Inch Cape, Group 6 & Kenly

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Group 6

Kenly

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Group 6

Kenly

Group 6

Airdrie Farm

Bonerbo

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 30/04/2018

1

Ref: 4914.00004 12.15b Cumulative ZTV Inch Cape Group 6 & WF3

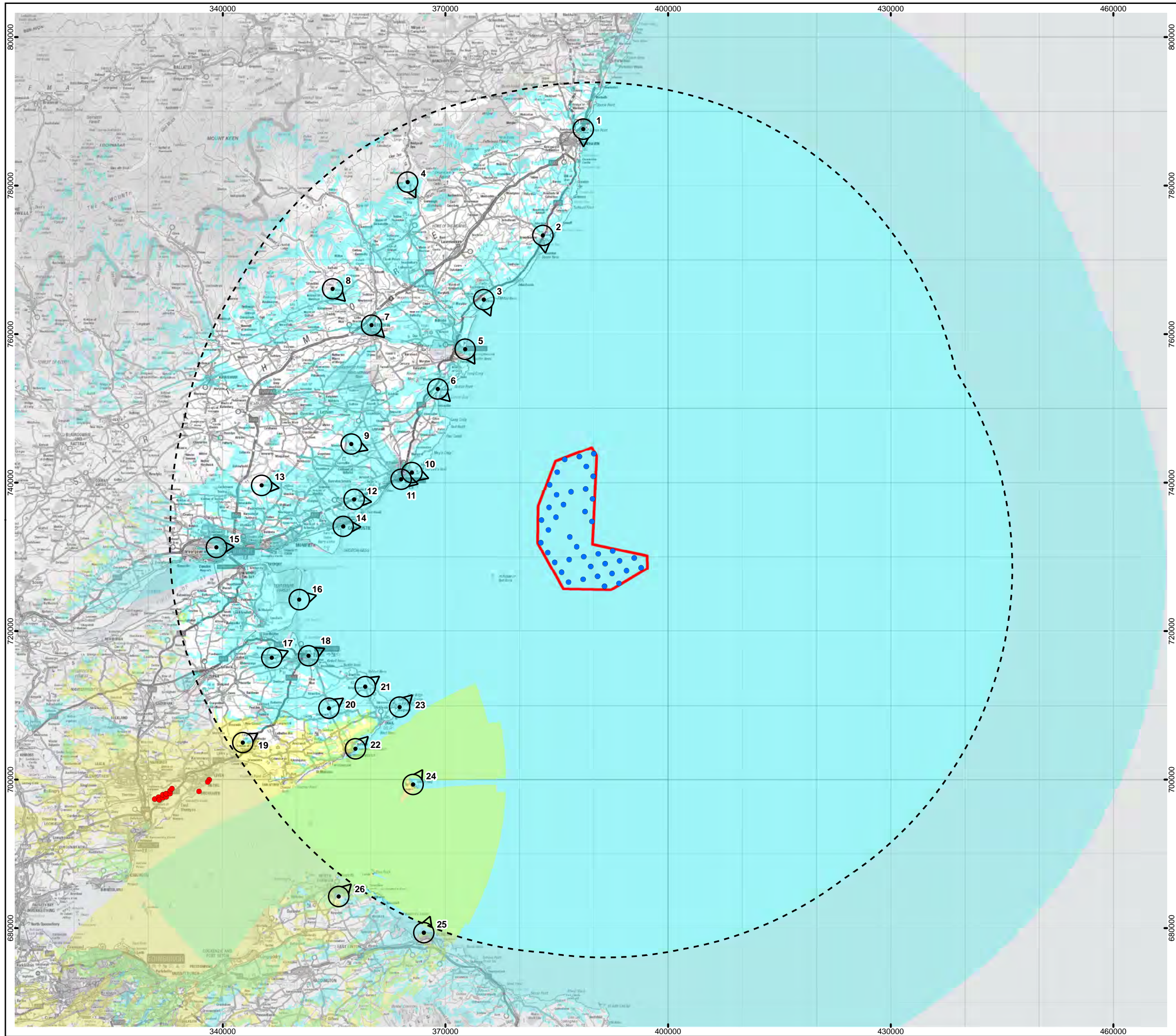
Figure 12.15b

Cumulative ZTV

Inch Cape, Group 6 & Kenly

Inch Cape

Wind Farm

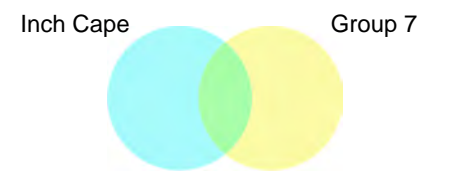


Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 7
- Viewpoint Location

Zones of Theoretical Visibility



Group 7

Earlseat
East Fife Football
Levenmouth Demo
Methil
Woodbank

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart
0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1
Ref: 4914.00004 12.16 Cumulative ZTV Inch Cape & Group 7

Figure 12.16
Cumulative ZTV
Inch Cape & Group 7

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Group 7

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Group 7

Group 7

Earlseat
East Fife Football
Levenmouth Demo
Methil
Woodbank

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

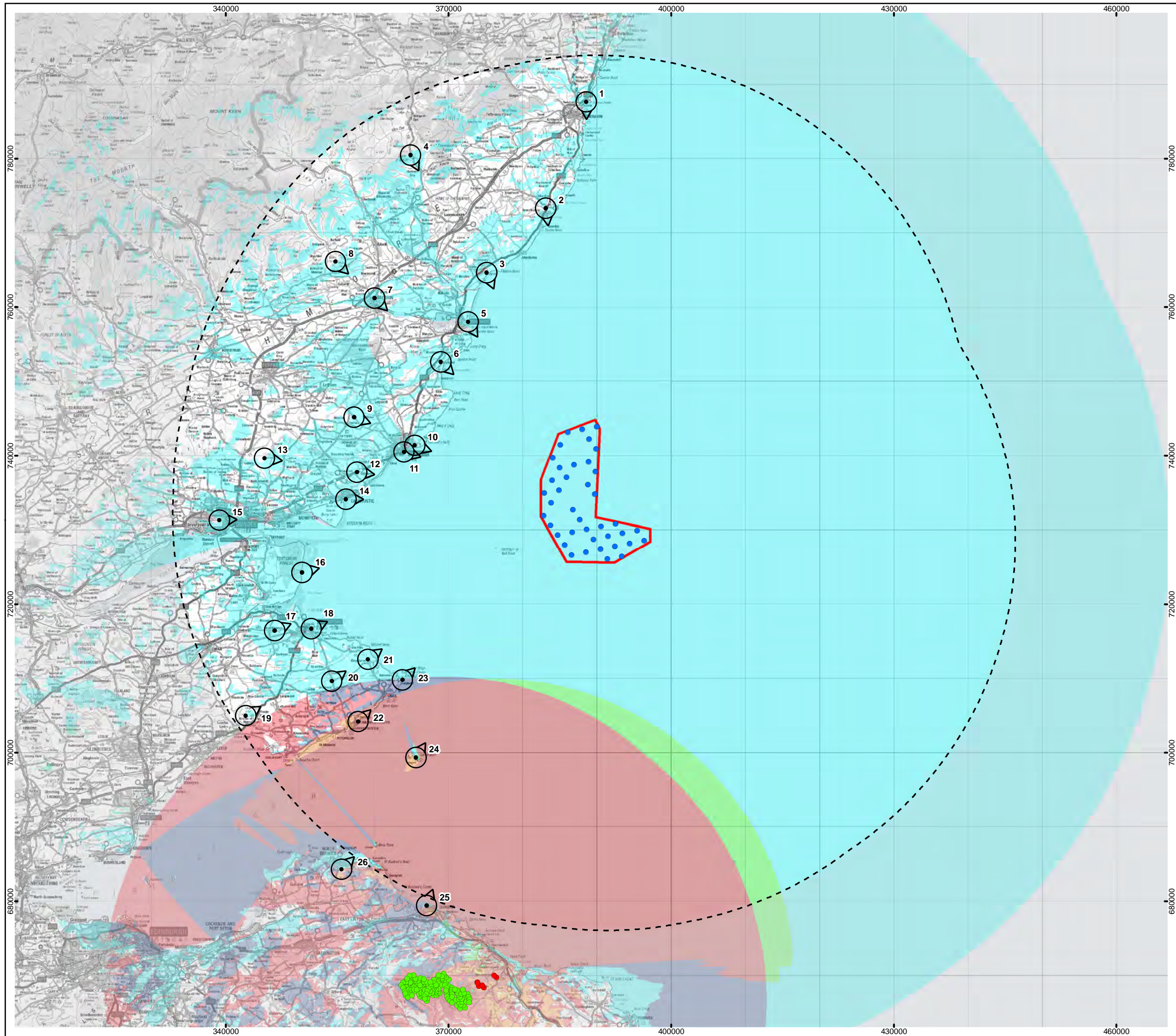
Date: 30/04/2018

1

Ref: 4914.00004 12.16a Cumulative ZTV Inch Cape & Group 7

Figure 12.16a
Cumulative ZTV
Inch Cape & Group 7

Inch Cape
Wind Farm

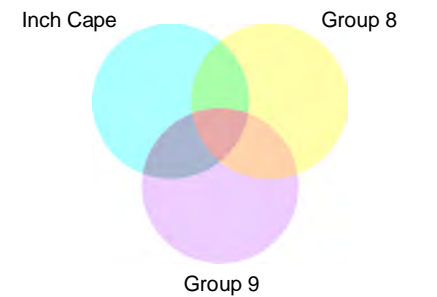


Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Group 8
- Group 9
- Viewpoint Location

Zones of Theoretical Visibility



Group 8

Ferneylea
Hopsprigshiels
Kinegar Quarry

Group 9

Aikengall
Aikengall 2 & 2a
Crystal Rig
Crystal Rig 1a, 2, 2a
& 3

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale: 1:500,000 A3 Chart
0 10 20 Kilometres

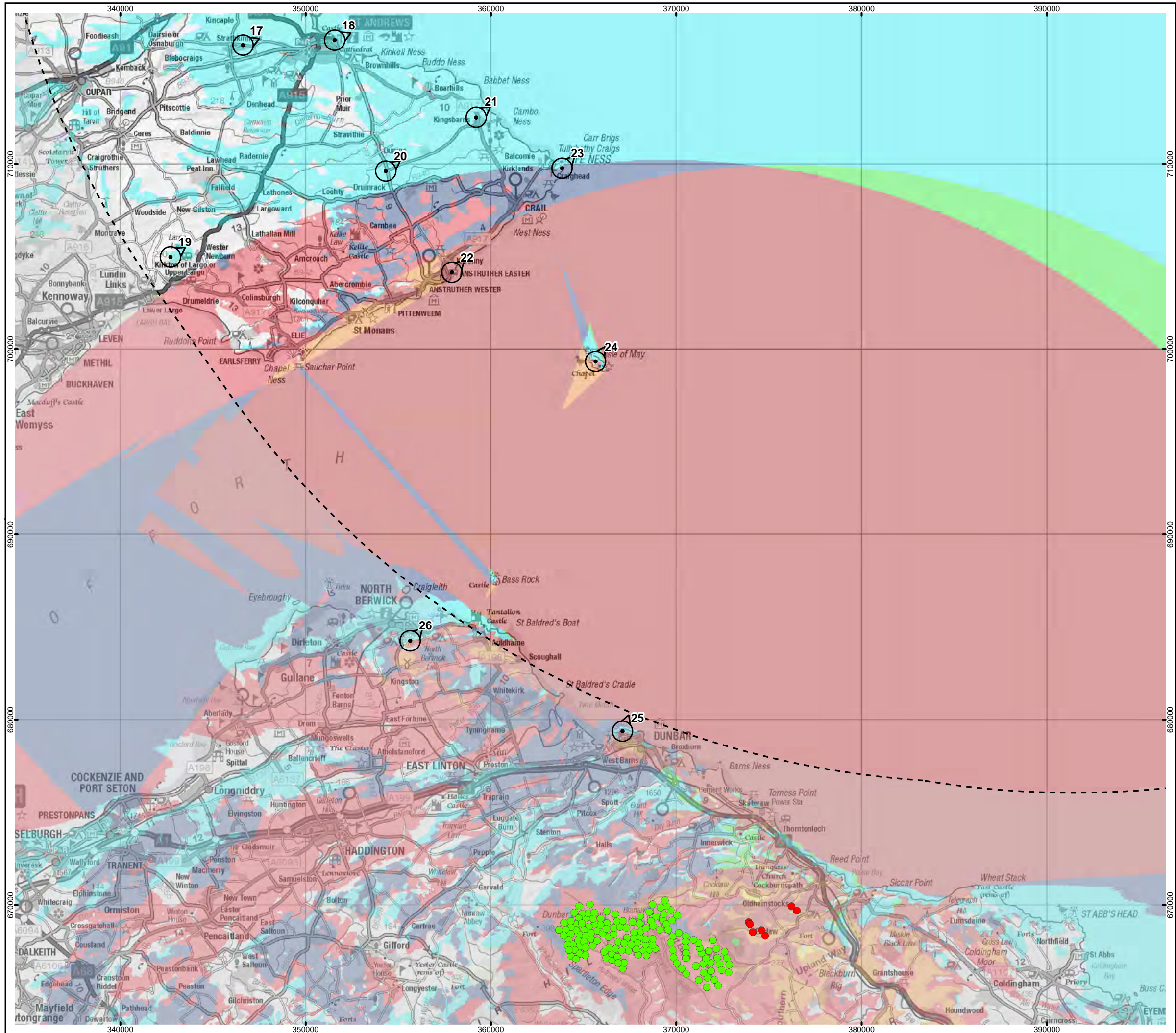
Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

Date: 03/05/2018 1
Ref: 4914.00004 12.17 Cumulative ZTV Inch Cape Group 8 & Group 9







Figure 12.17
Cumulative ZTV
Inch Cape, Group 8 & Group 9

Inch Cape
Wind Farm

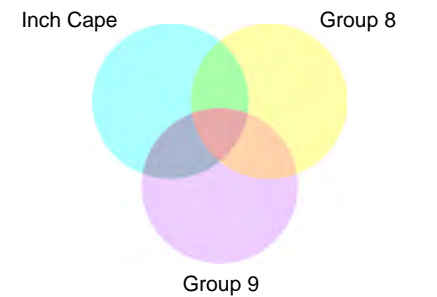


Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Group 8
-  Group 9
-  Viewpoint Location

Zones of Theoretical Visibility



Group 8

Ferneylea
Hopsprigshiels
Kinegar Quarry

Group 9

Aikengall
Aikengall 2 & 2a
Crystal Rig
Crystal Rig 1a, 2, 2a
& 3

Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:200,000

A3 Chart

0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

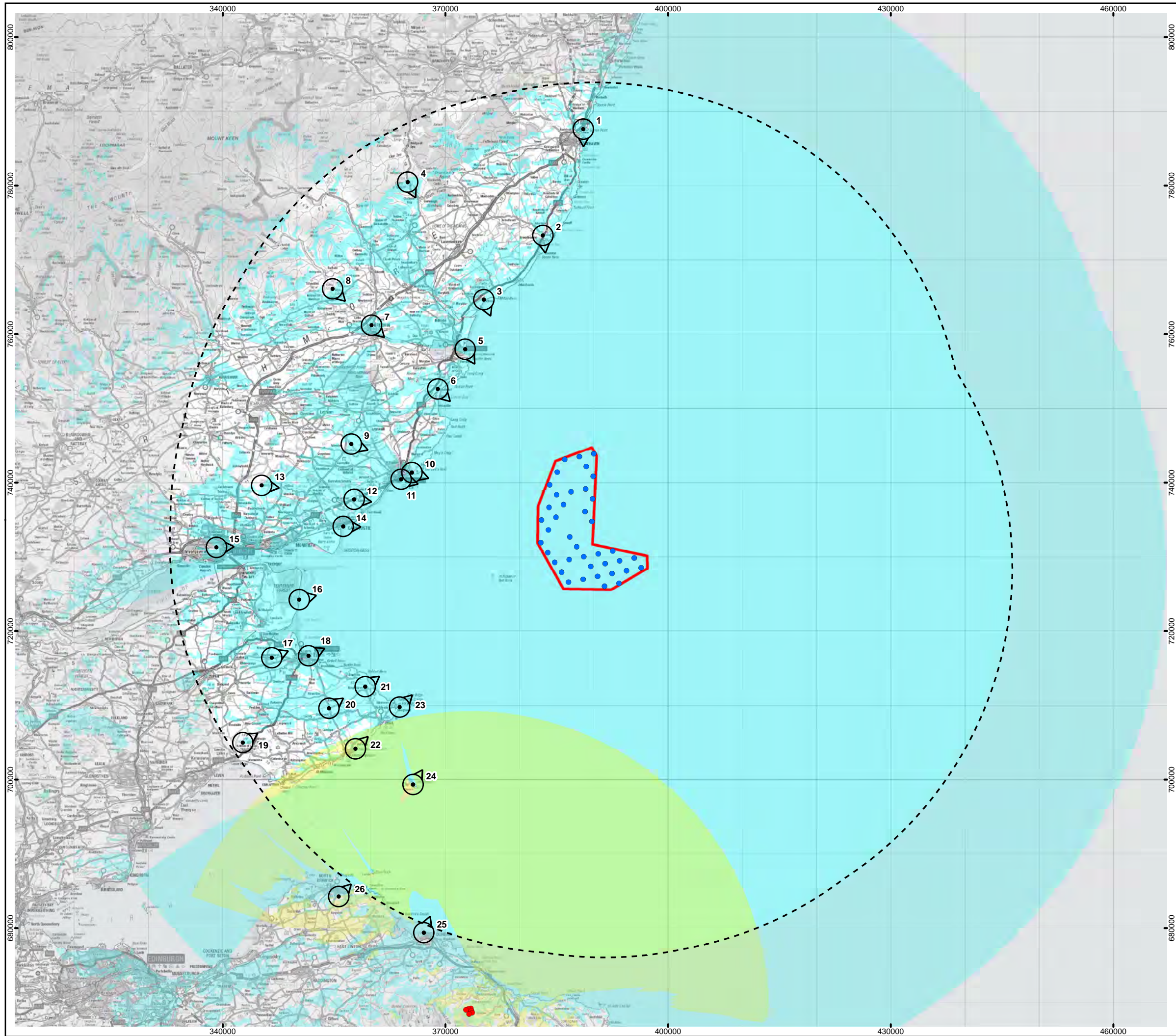
Date: 30/04/2018

1

Ref: 4914.00004 12.17a Cumulative ZTV Inch Cape Group 8 & Group 9






Figure 12.17a
Cumulative ZTV
Inch Cape, Group 8 & Group 9

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

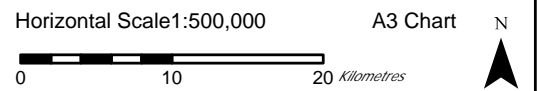
-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Ferneylea 2
-  Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1



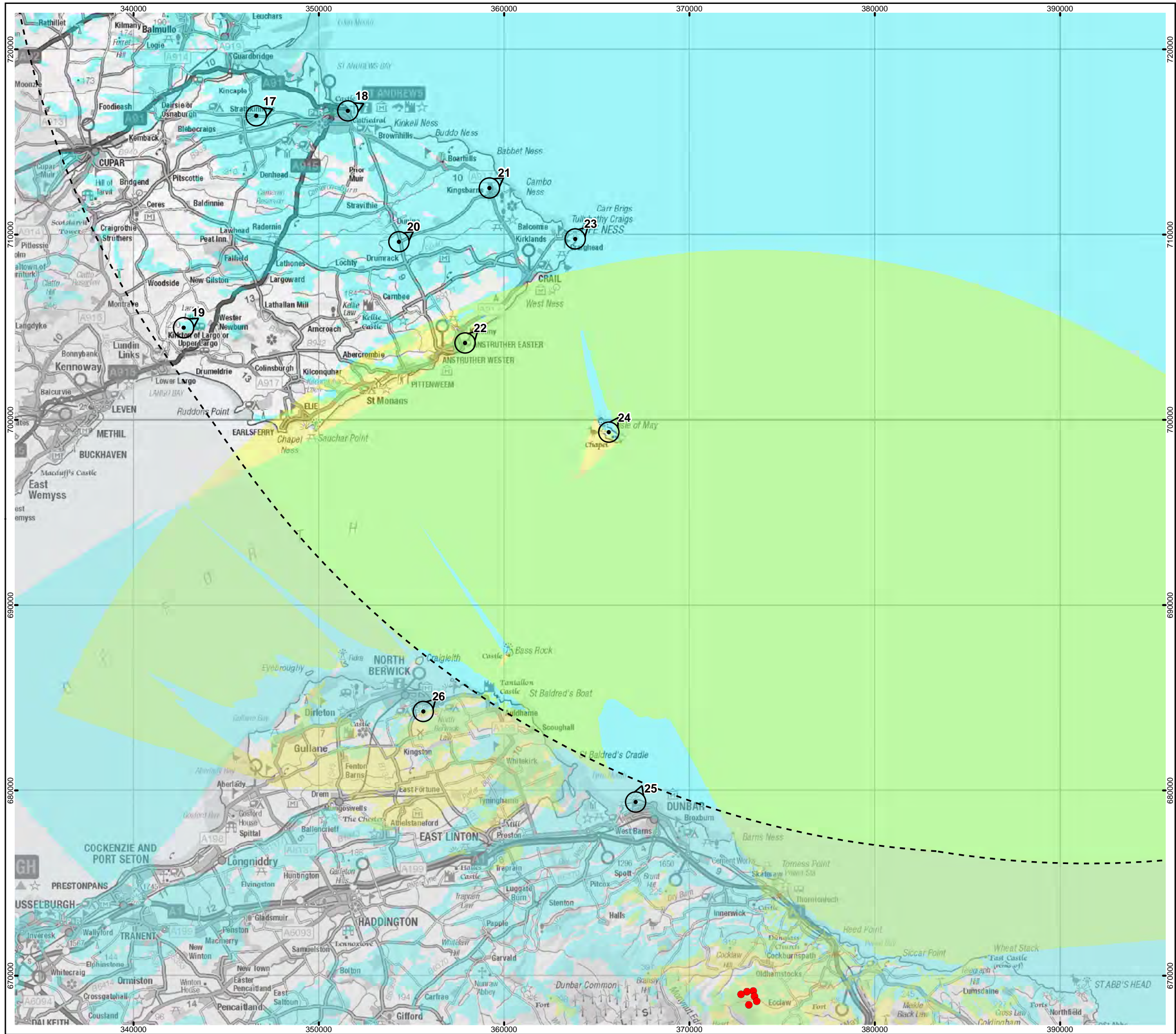
Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

Date: 30/04/2018 1
Ref: 4914.00004 12.18 Cumulative ZTV Inch Cape & WF4






Figure 12.18
Cumulative ZTV
Inch Cape & Ferneylea 2

Inch Cape
Wind Farm

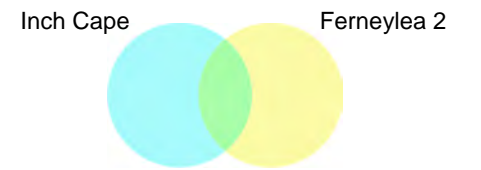


Inch Cape
Offshore
Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Ferneylea 2
-  Viewpoint Location

Zones of Theoretical Visibility

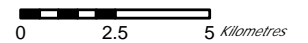


Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:200,000

A3 Chart



Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

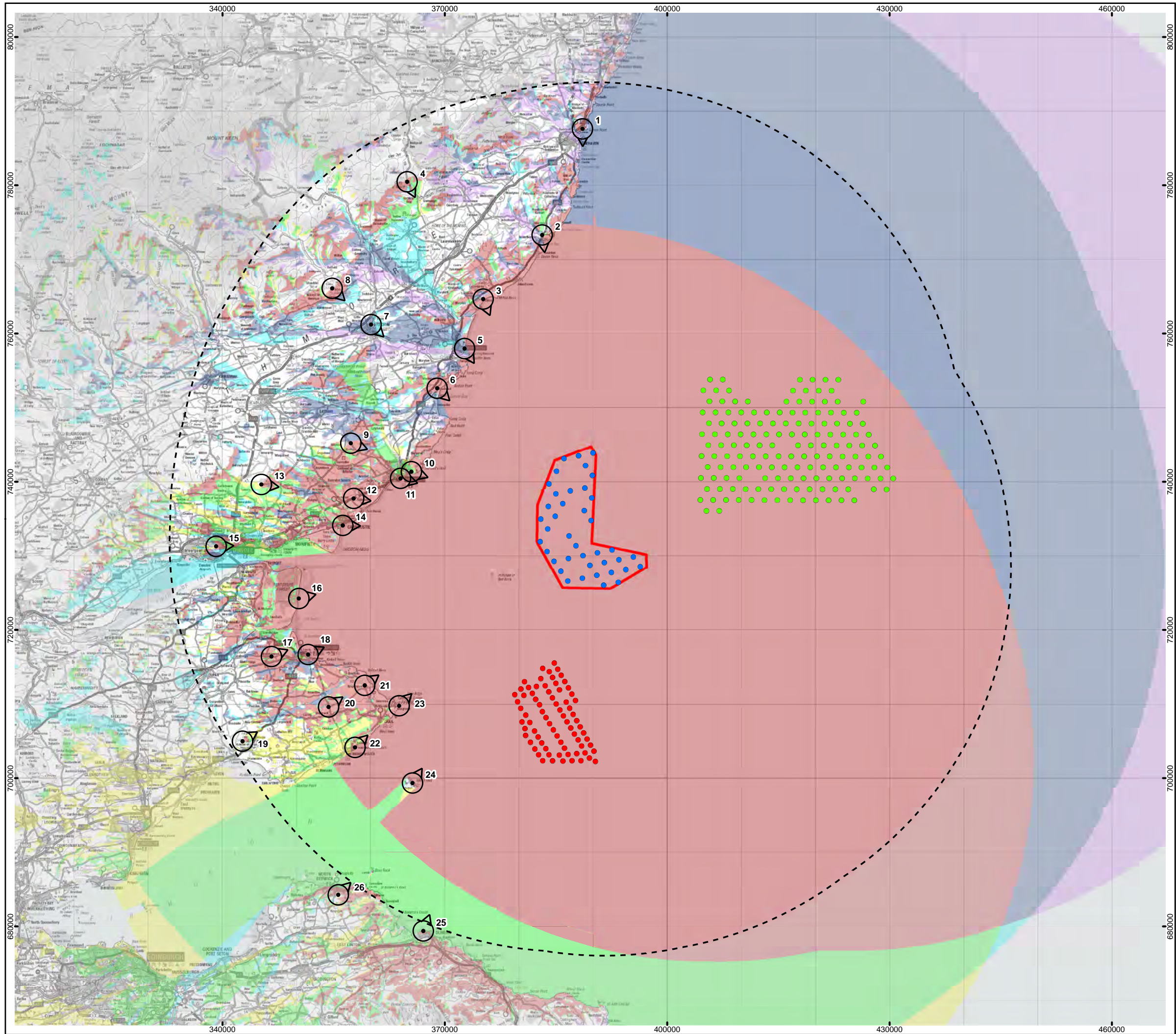
Date: 30/04/2018

1







Ref: 4914.00004 12.18a Cumulative ZTV Inch Cape & WF4

Figure 12.18a
Cumulative ZTV
Inch Cape & Ferneylea 2

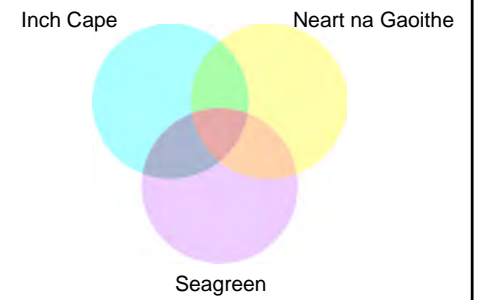
Inch Cape
Wind Farm



KEY

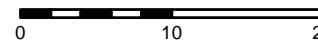
-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  Neart na Gaoithe
-  Seagreen
-  Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart N
 0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

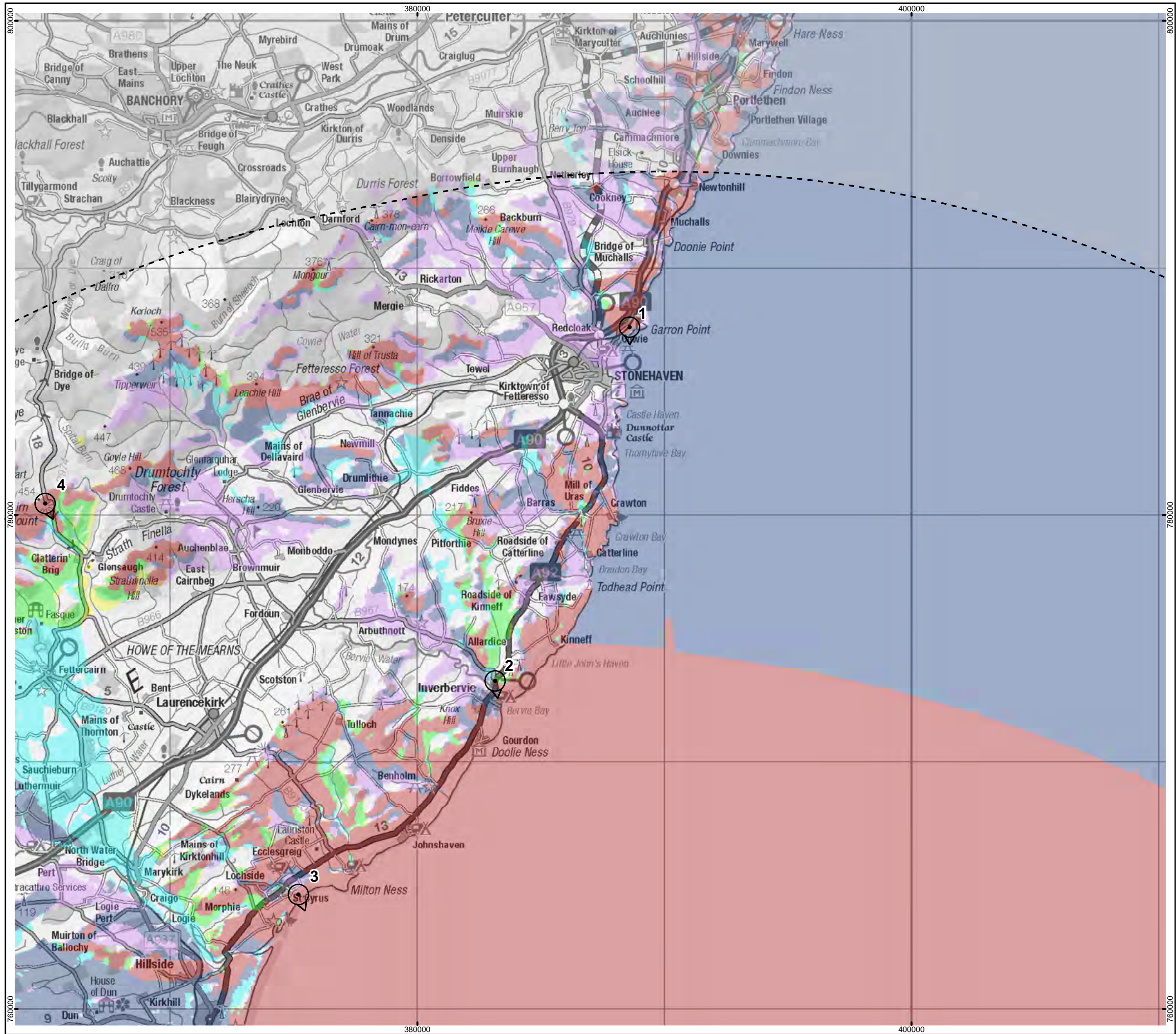
Produced: WR
Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.19 Cumulative ZTV Inch Cape OWF2 & OWF3

Figure 12.19
Cumulative ZTV
Inch Cape, Neart na Gaoithe
& Seagreen

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Neart na Gaoithe

Seagreen

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Neart na Gaoithe

Seagreen

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

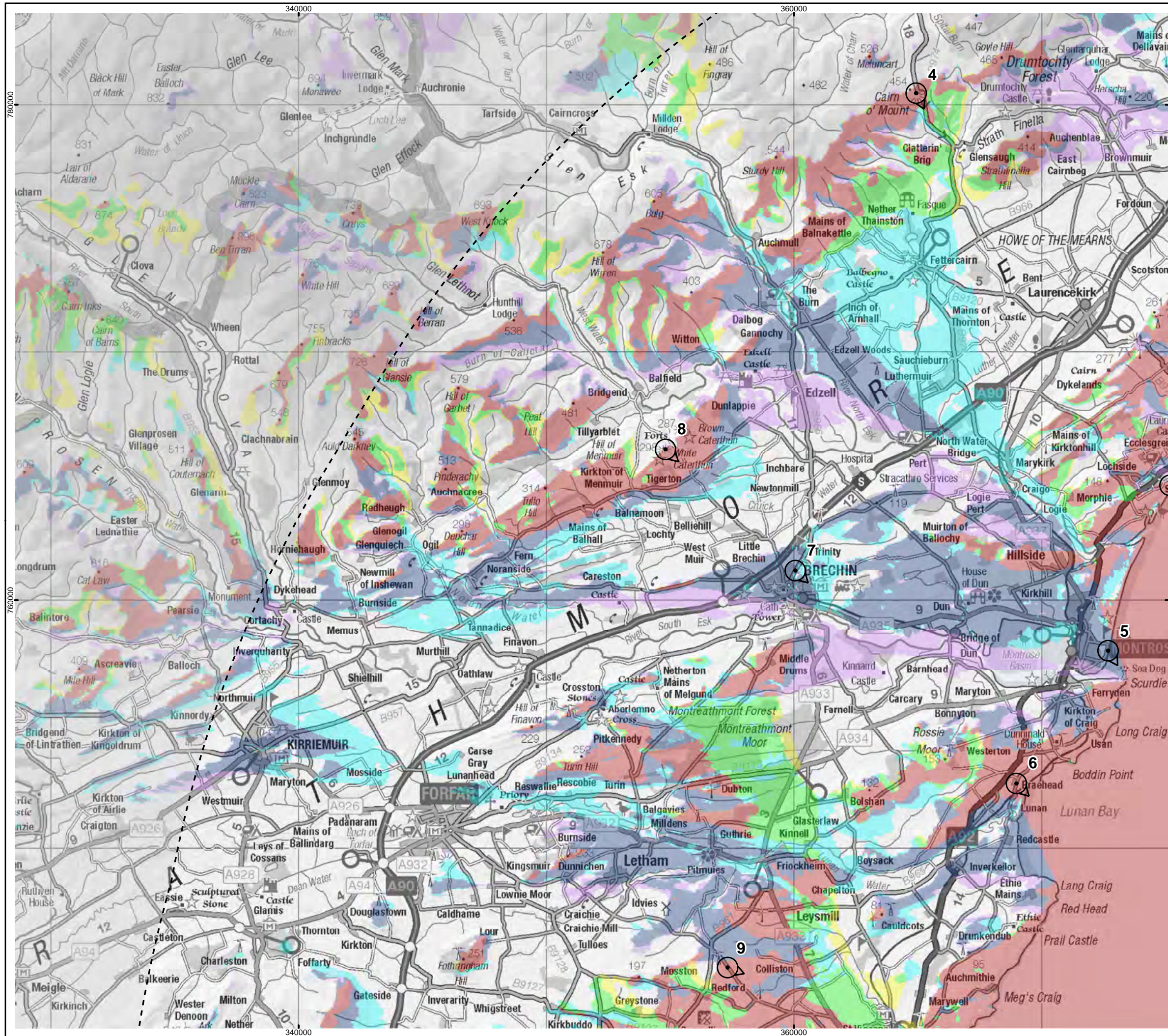
Date: 02/05/2018

1

Ref: 4914.00004 12.19a Cumulative ZTV Inch Cape OWF2 & OWF3

Figure 12.19a
Cumulative ZTV
Inch Cape, Neart na Gaoithe
& Seagreen

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Neart na Gaoithe

Seagreen

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Neart na Gaoithe

Seagreen

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

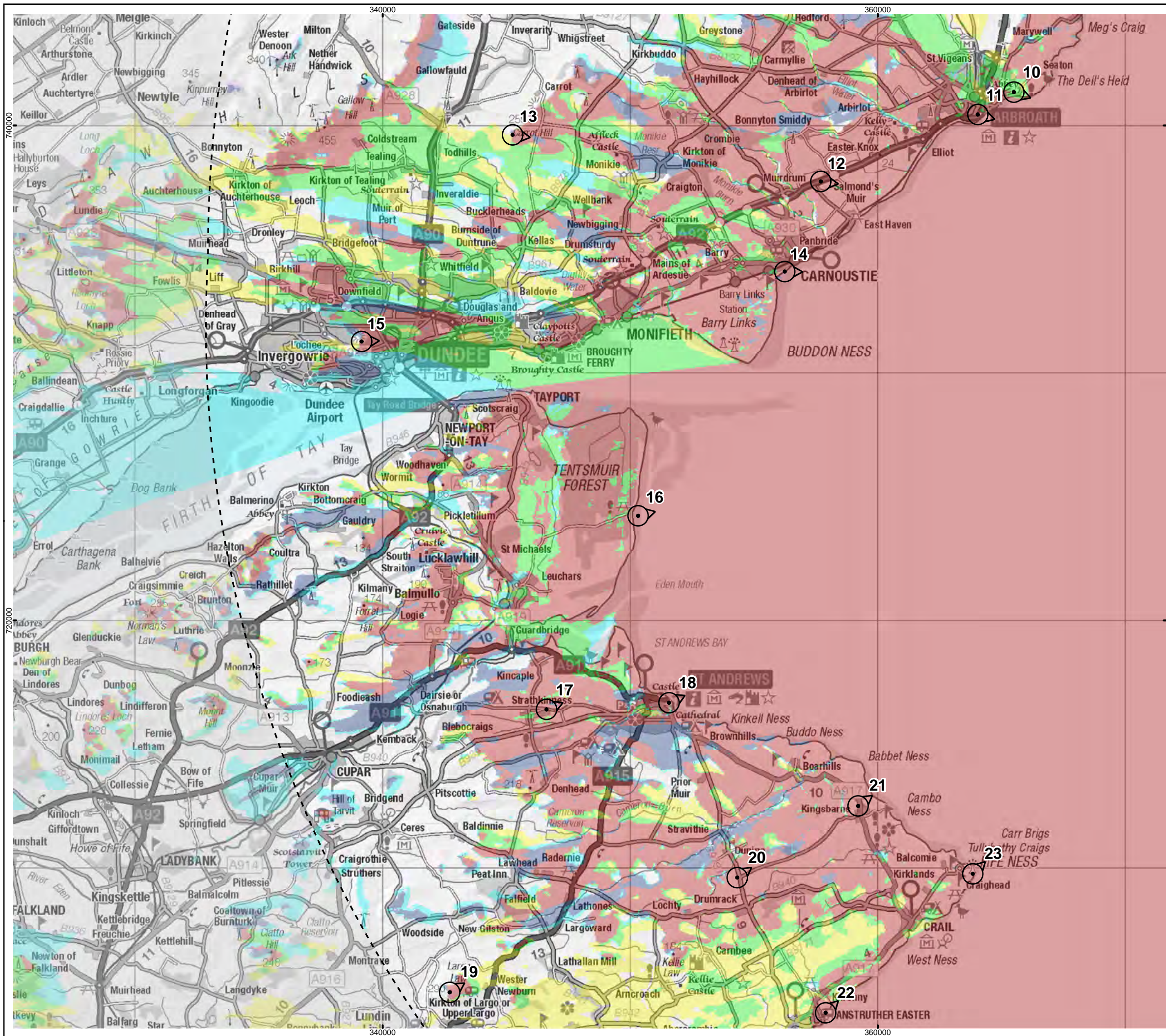
Date: 02/05/2018

1

Ref: 4914.00004 12.19b Cumulative ZTV Inch Cape OWF2 & OWF3

Figure 12.19b
Cumulative ZTV
Inch Cape, Neart na Gaoithe
& Seagreen

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines, 291m Tip Height)

50km Study Area

Neart na Gaoithe

Seagreen

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Neart na Gaoithe

Seagreen

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 02/05/2018

1

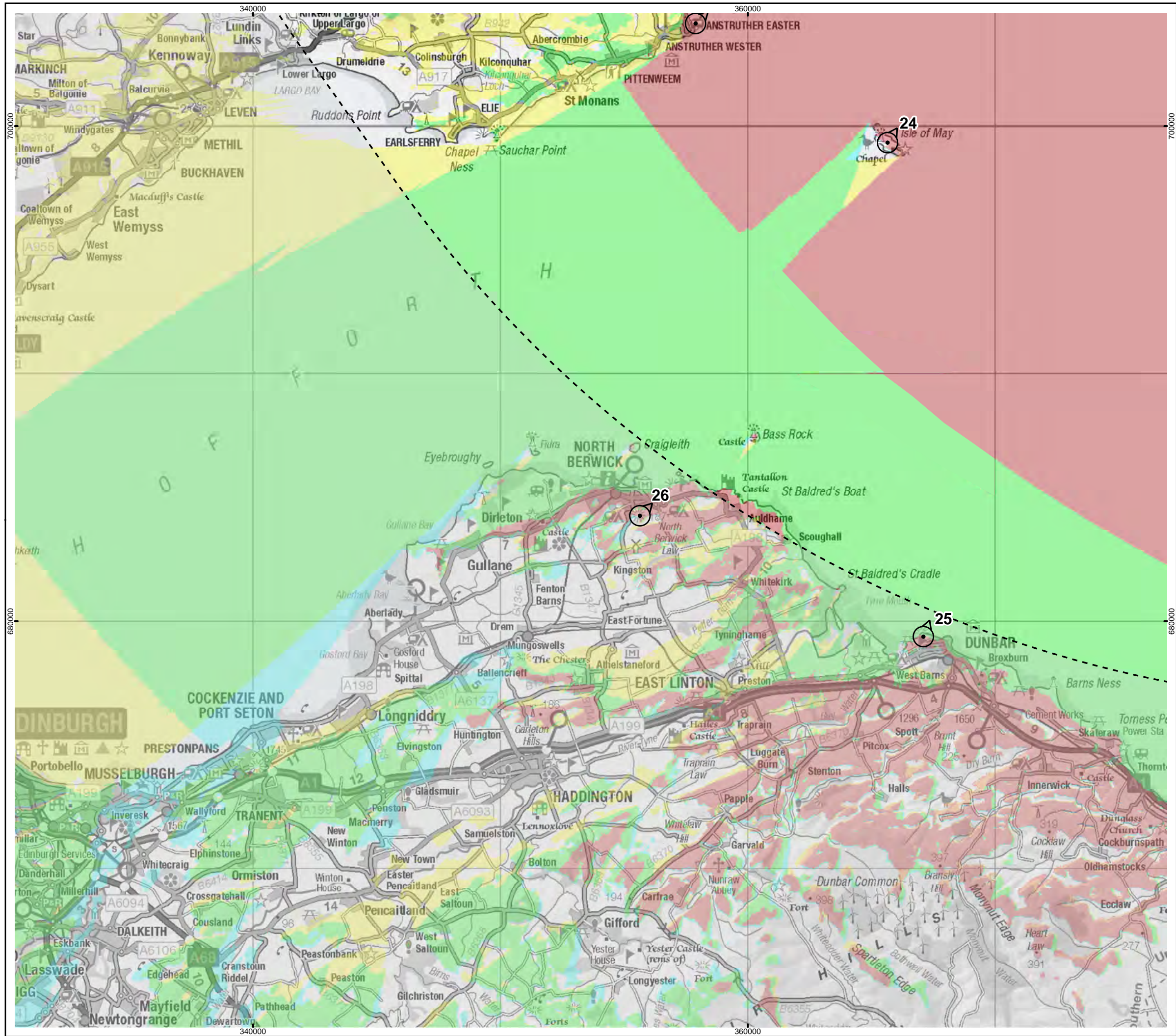
Ref: 4914.00004 12.19c Cumulative ZTV Inch Cape OWF2 & OWF3

Figure 12.19c

Cumulative ZTV

Inch Cape, Neart na Gaoithe & Seagreen

Inch Cape Wind Farm

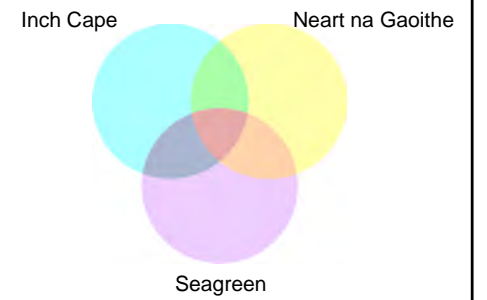


Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Neart na Gaoithe
- Seagreen
- Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart N

Geodetic Parameters: OSGB 1936 BNG

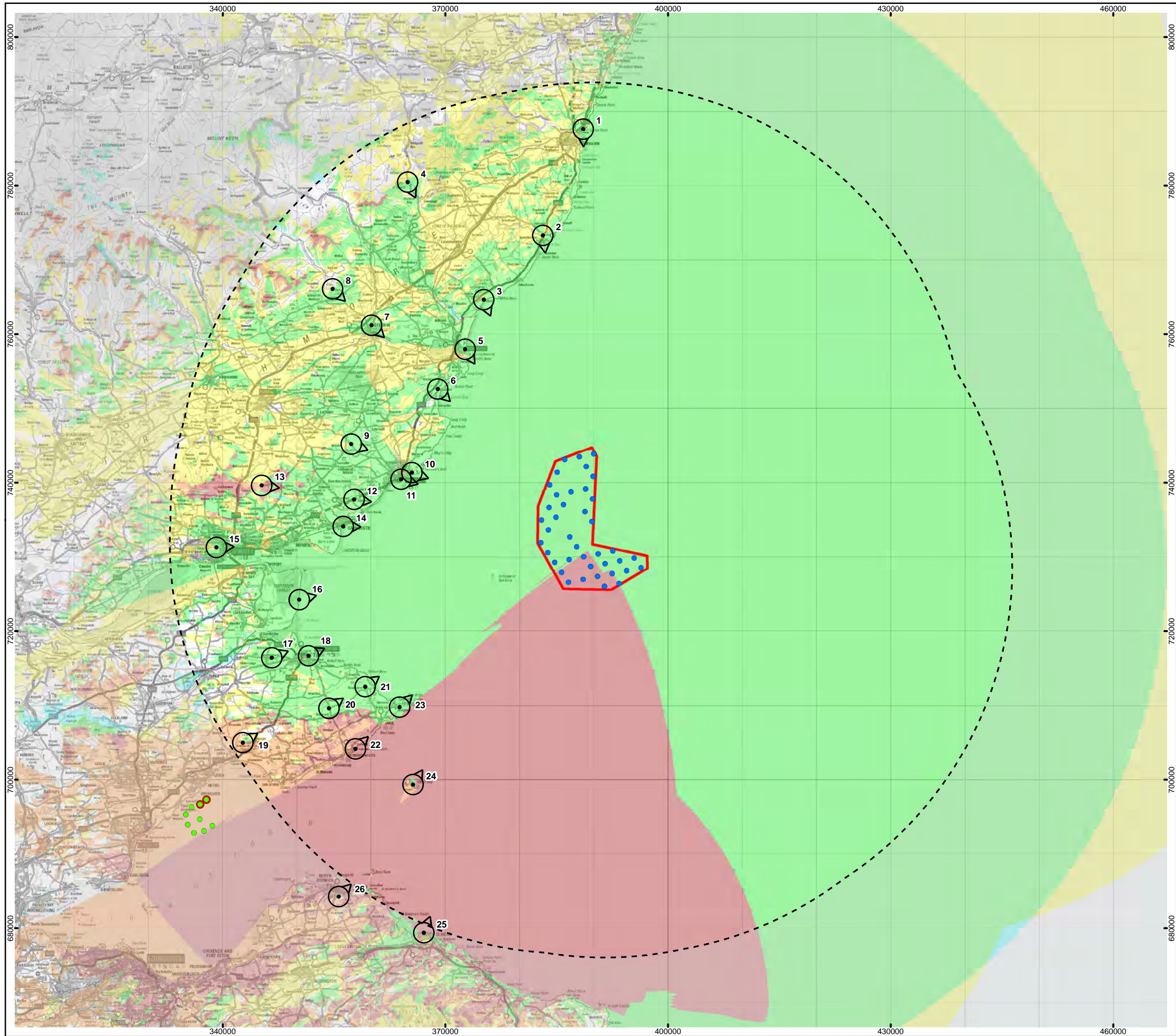
Produced: WR
Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.19d Cumulative ZTV Inch Cape OWF2 & OWF3

Figure 12.19d
Cumulative ZTV
Inch Cape, Neart na Gaoithe
& Seagreen

Inch Cape
Wind Farm

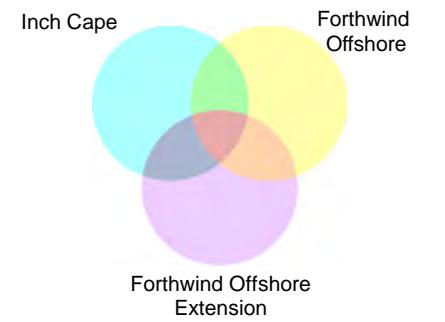


Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Forthwind Offshore
- Forthwind Offshore Extension
- Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:500,000 A3 Chart
0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

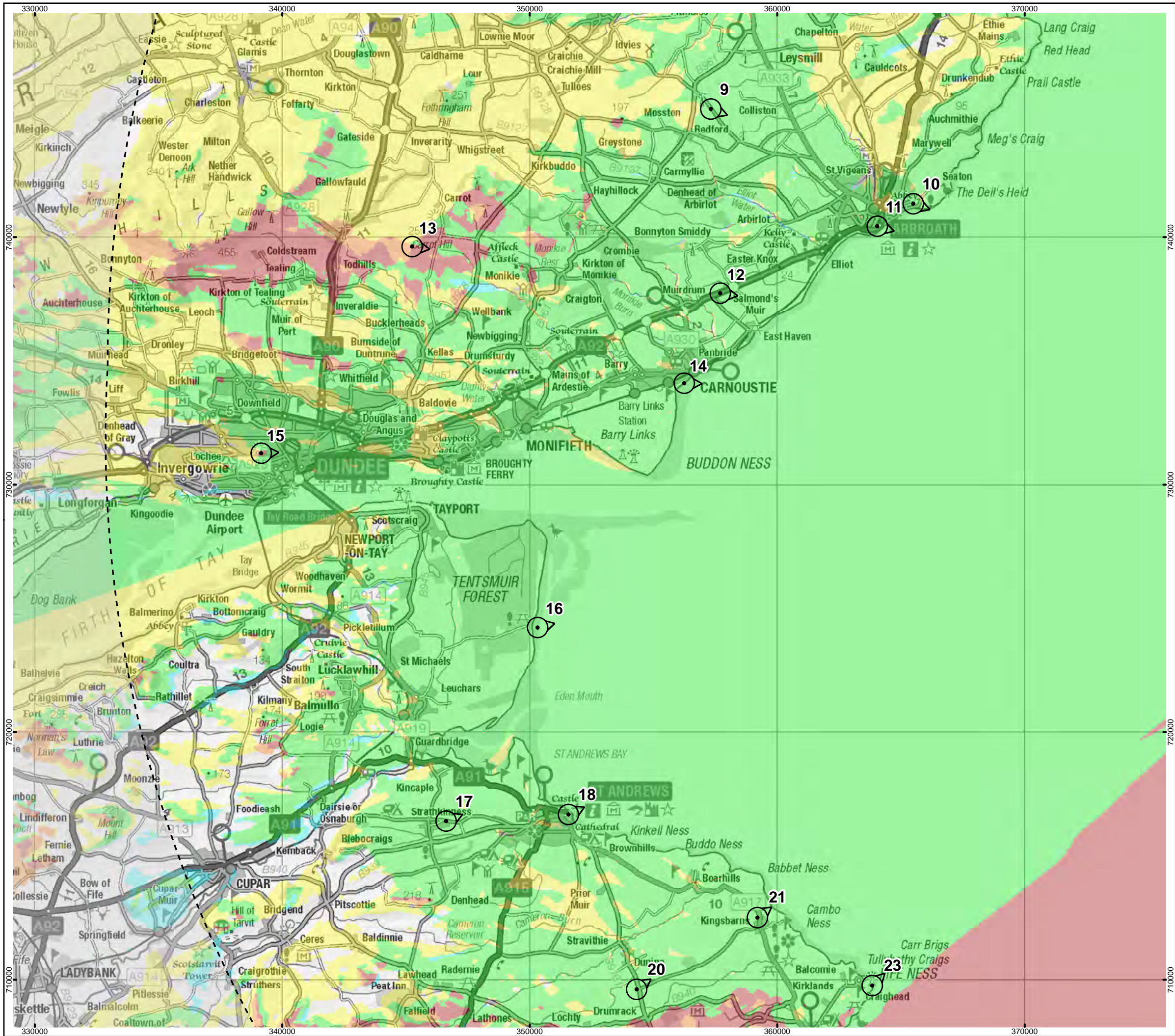
Produced: WR
Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.20 Cumulative ZTV Inch Cape OWF4 & OWF5

Figure 12.20
Cumulative ZTV
Inch Cape, Forthwind Offshore
& Forthwind Offshore Extension

Inch Cape
Wind Farm



Inch Cape
Offshore
Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines,
291m Tip Height)

50km Study Area

Forthwind Offshore

Forthwind Offshore Extension

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Forthwind
Offshore

Forthwind Offshore
Extension

Notes

1. Predicted visibility is for observer eye level 2m above
ground level

2. The analysis does not take into account the screening
effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a
50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

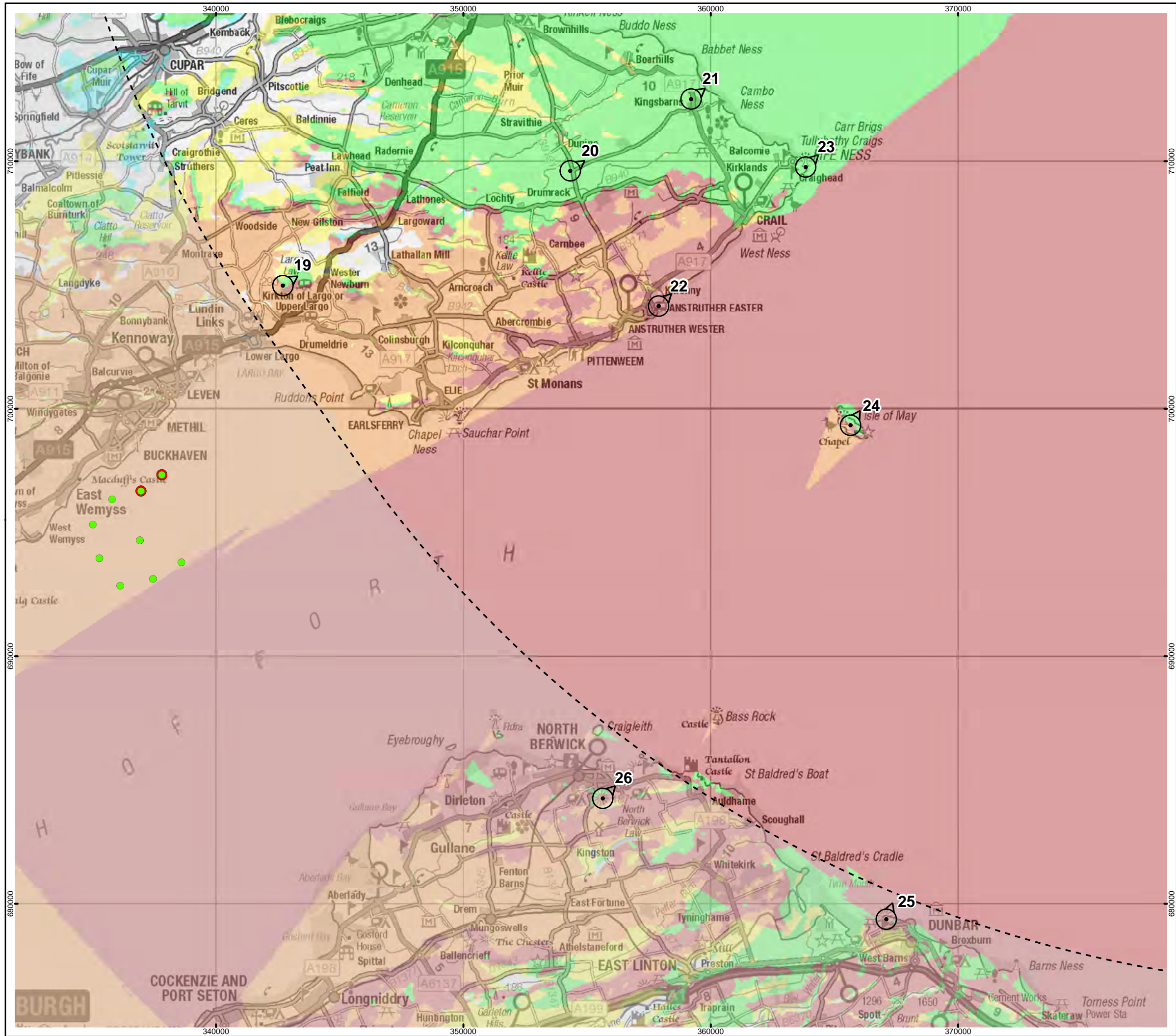
Date: 02/05/2018

1

Ref: 4914.00004 12.20a Cumulative ZTV Inch Cape OWF4 & OWF5

Figure 12.20a
Cumulative ZTV
Inch Cape, Forthwind Offshore
& Forthwind Offshore Extension

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- Forthwind Offshore
- Forthwind Offshore Extension
- Viewpoint Location

Zones of Theoretical Visibility

Inch Cape Forthwind Offshore Forthwind Offshore Extension

Notes

- Predicted visibility is for observer eye level 2m above ground level
- The analysis does not take into account the screening effects of vegetation, buildings or other surface features
- Created using Ordnance Survey digital terrain data on a 50m grid
- ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart N
0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

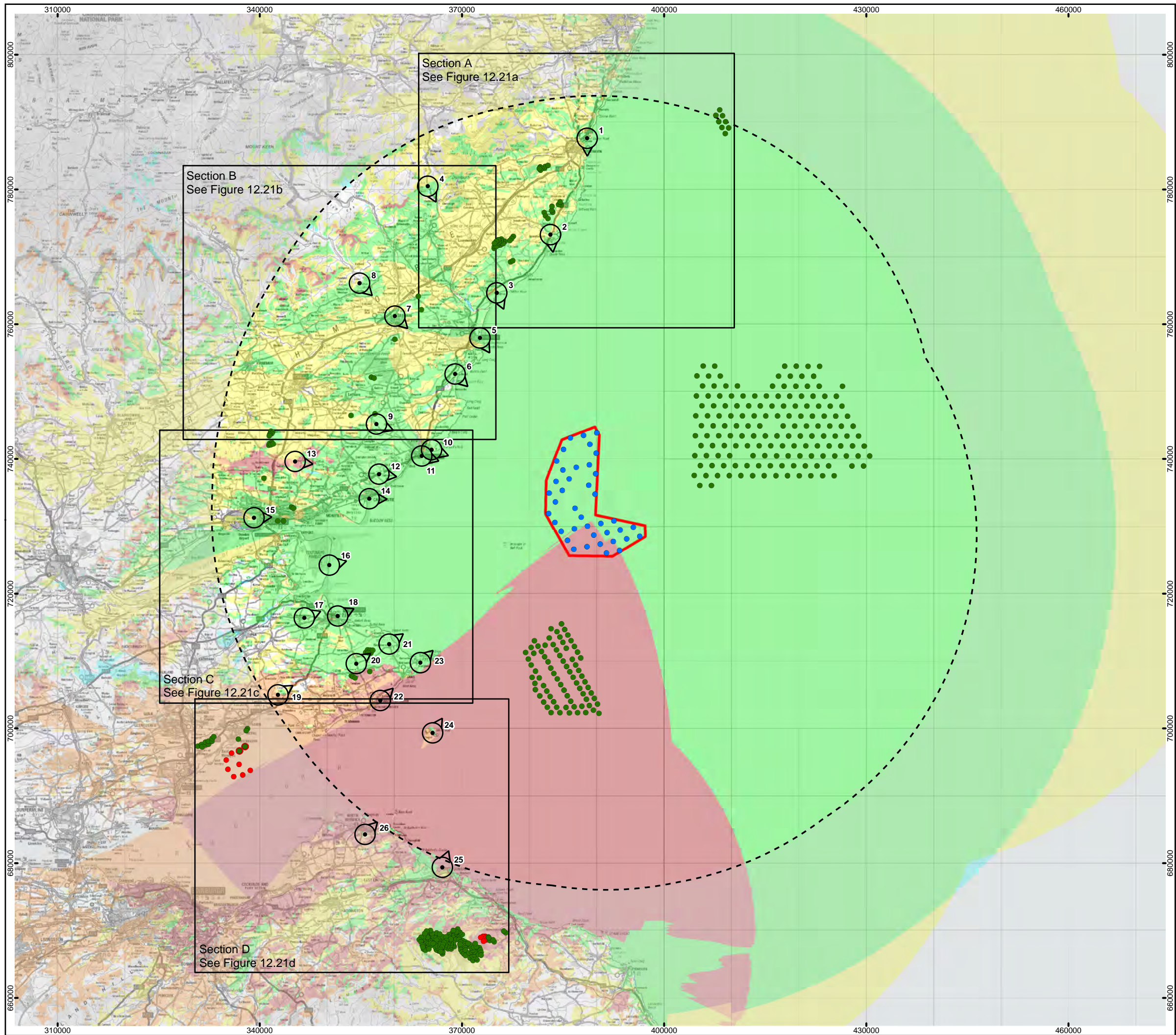
Date: 02/05/2018 1

Ref: 4914.00004 12.20b Cumulative ZTV Inch Cape OWF4 & OWF5

Figure 12.20b
Cumulative ZTV
Inch Cape, Forthwind Offshore
& Forthwind Offshore Extension

Inch Cape
Wind Farm

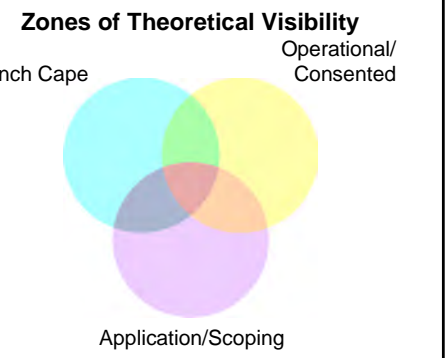
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Inch Cape
Offshore
Limited

KEY

- Development Area
- Inch Cape Layout - (40 Turbines, 291m Tip Height)
- 50km Study Area
- All Operational / Consented
- In Planning / Scoping
- Viewpoint Location



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:550,000 A3 Chart N

0 10 20 Kilometres

Geodetic Parameters: OSGB 1936 BNG

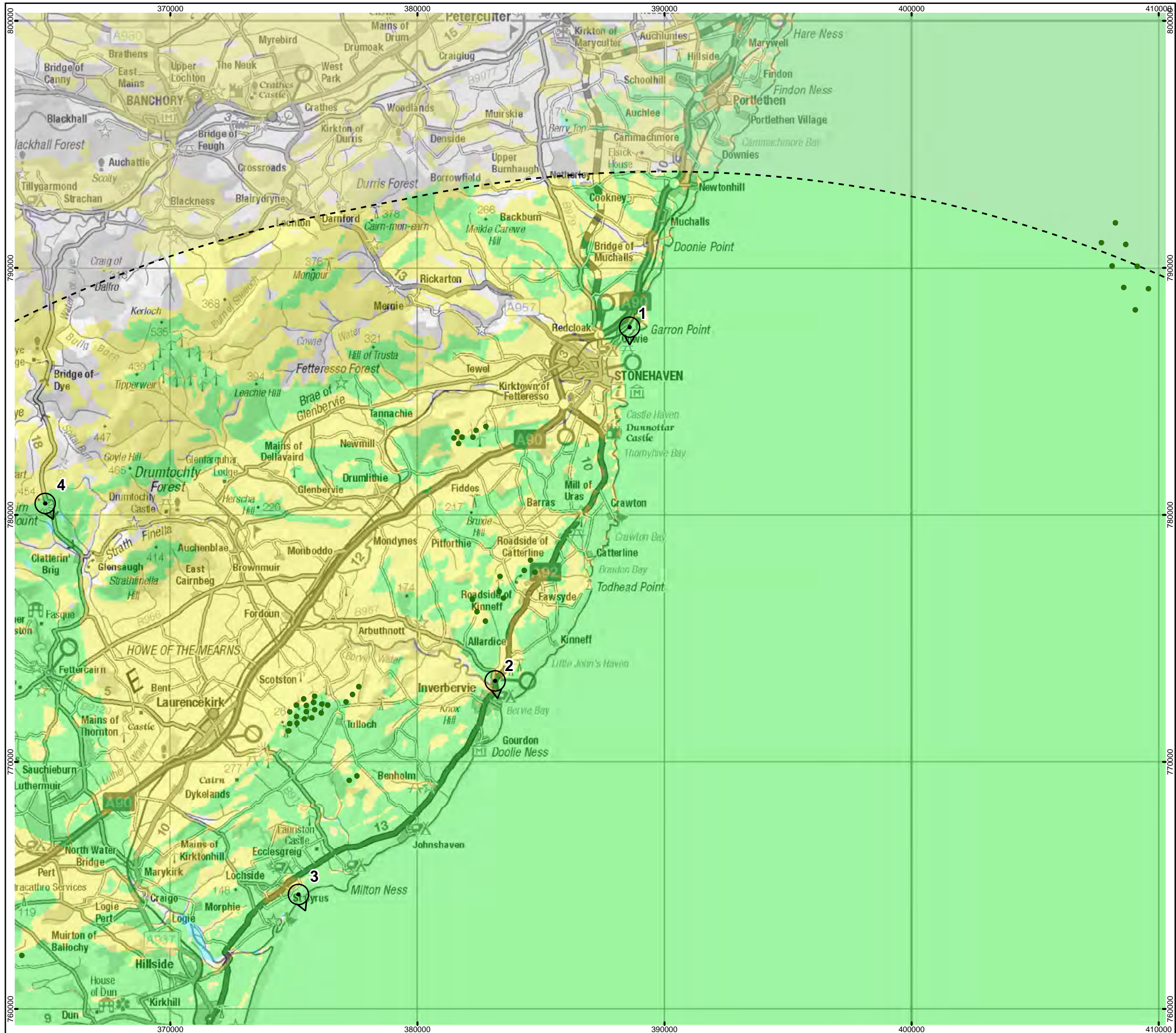
Produced: WR
Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.21 Cumulative ZTV Inch Cape Operational & In Planning







Figure 12.21
Cumulative ZTV Inch Cape,
Operational/Consented
and Application/Scoping

Inch Cape
Wind Farm

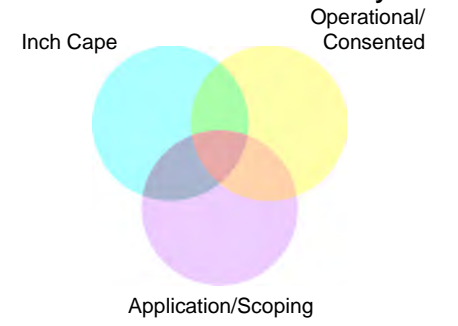


Inch Cape Offshore Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  All Operational / Consented
-  In Planning / Scoping
-  Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart
0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

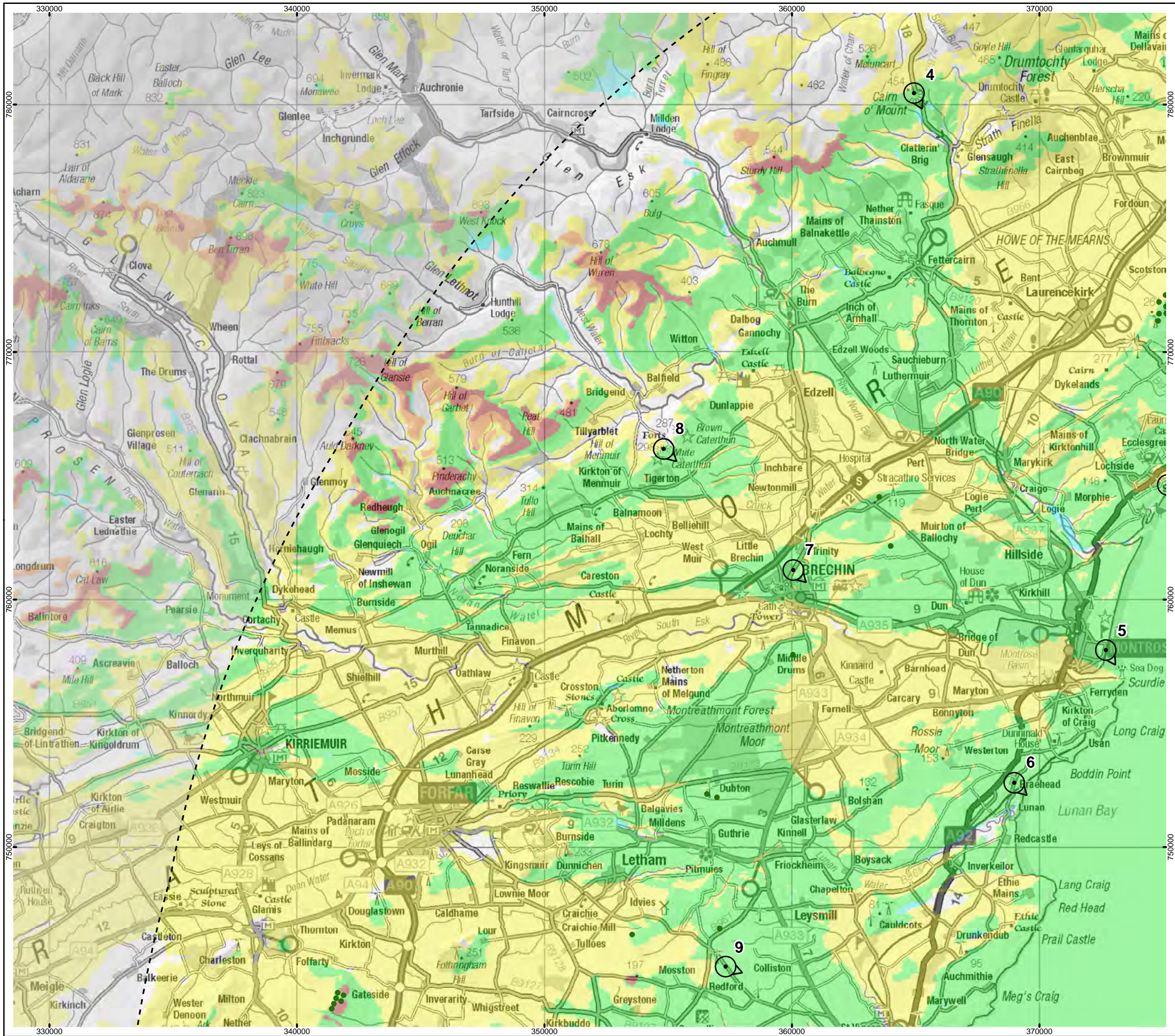
Produced: WR
Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.21a Cumulative ZTV Inch Cape Operational & In Planning



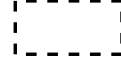



Figure 12.21a
Cumulative ZTV Inch Cape,
Operational/Consented
and Application/Scoping

Inch Cape
Wind Farm

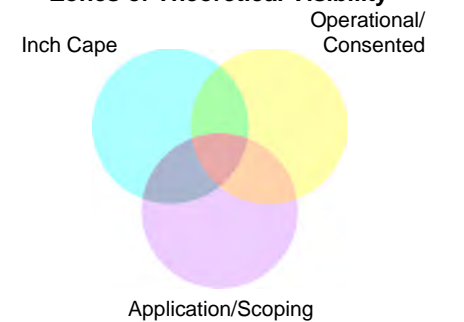


Inch Cape Offshore Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  All Operational / Consented
-  In Planning / Scoping
-  Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale: 1:150,000

A3 Chart

0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

Produced: WR
Reviewed: JP
Approved: LG

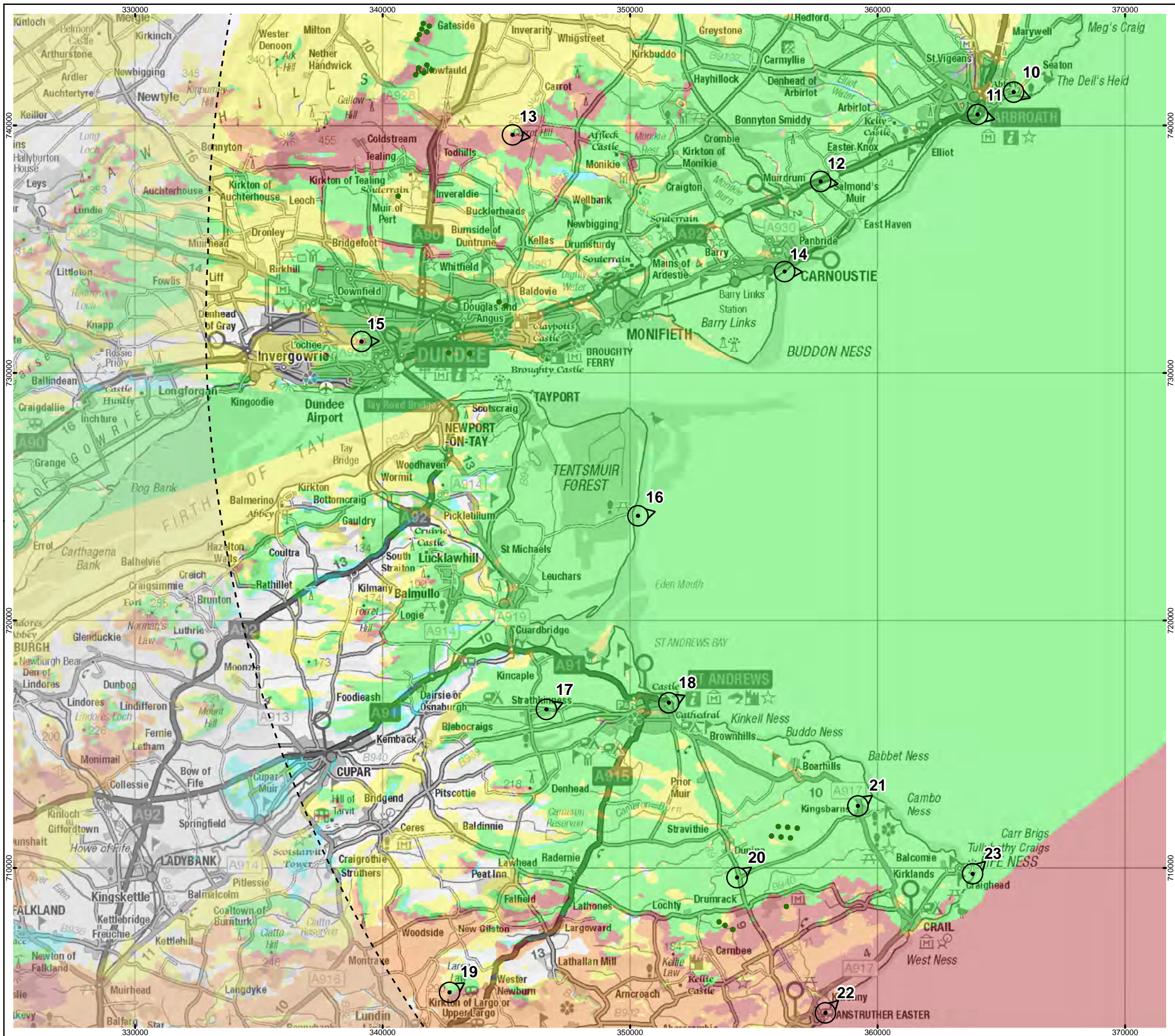
Date: 02/05/2018

1

Ref: 4914.00004 12.21b Cumulative ZTV Inch Cape Operational & In Planning

Figure 12.21b
Cumulative ZTV Inch Cape,
Operational/Consented
and Application/Scoping

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines, 291m Tip Height)

50km Study Area

All Operational / Consented

In Planning / Scoping

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Operational/Consented

Application/Scoping

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 02/05/2018

1

Ref: 4914.00004 12.21c Cumulative ZTV Inch Cape Operational & In Planning

Figure 12.21c

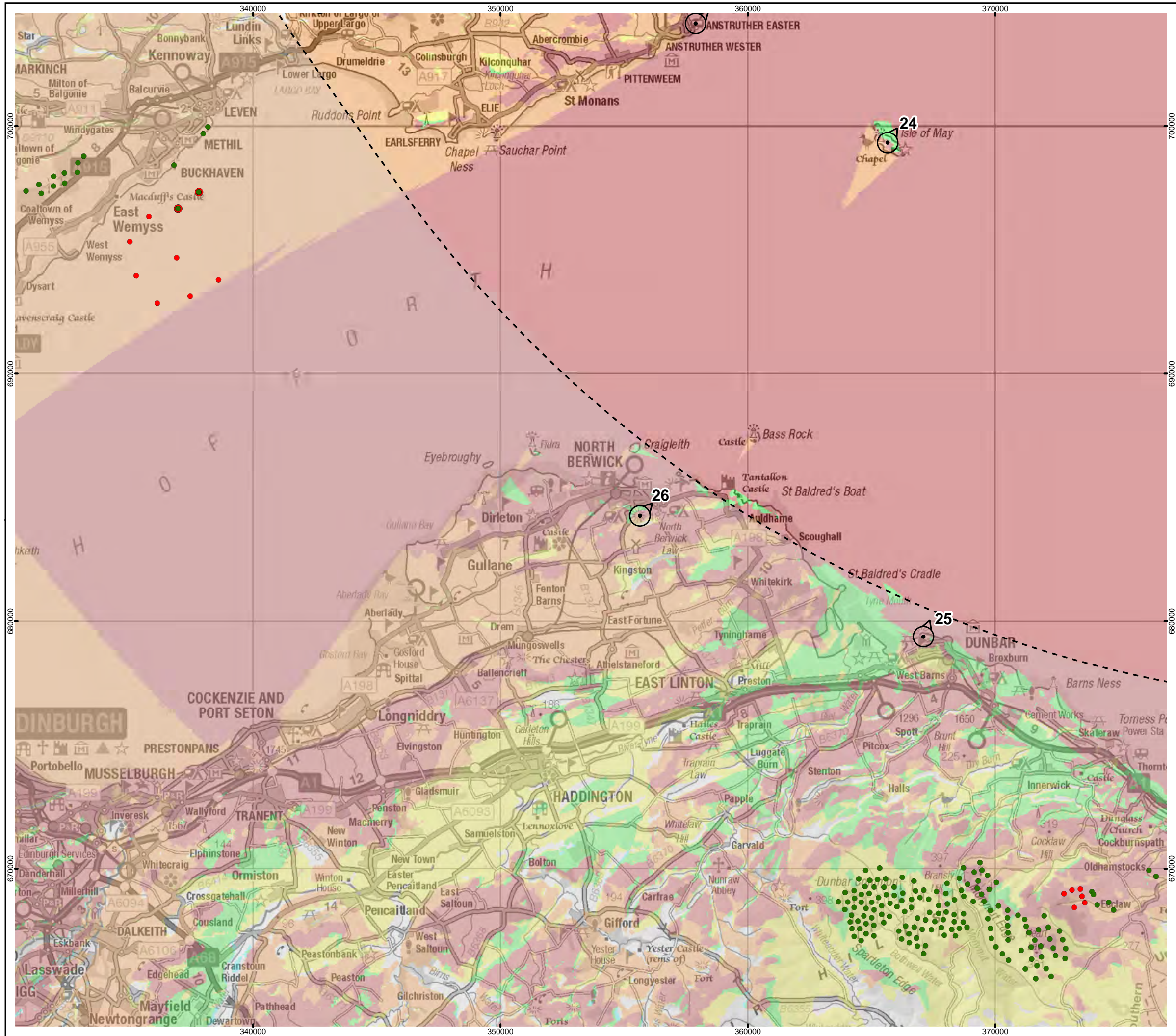
Cumulative ZTV Inch Cape,

Operational/Consented

and Application/Scoping

Inch Cape

Wind Farm



Inch Cape Offshore Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines, 291m Tip Height)

50km Study Area

All Operational / Consented

In Planning / Scoping

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

Operational/Consented

Application/Scoping

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

0

2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 02/05/2018

1

Ref: 4914.00004 12.21d Cumulative ZTV Inch Cape Operational & In Planning

Figure 12.21d

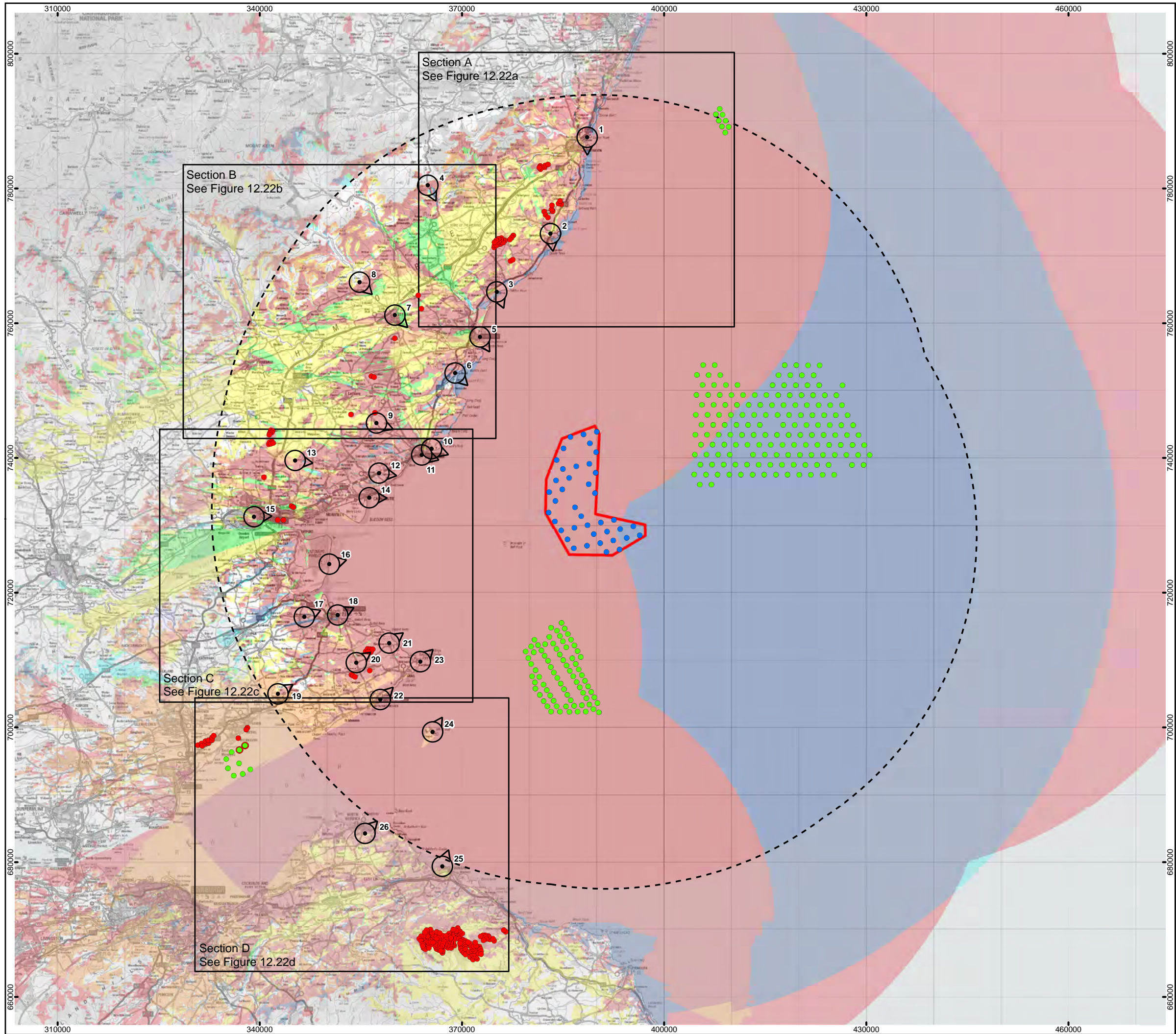
Cumulative ZTV Inch Cape,

Operational/Consented

and Application/Scoping







Inch Cape

Wind Farm

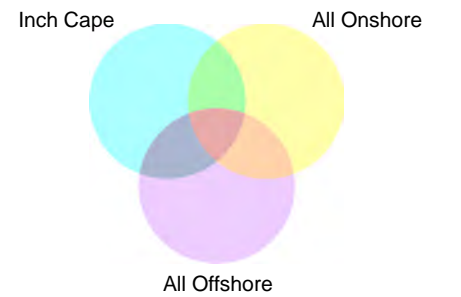


Inch Cape
Offshore
Limited

KEY

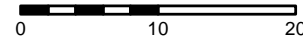
-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  All Onshore
-  All Offshore
-  Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:550,000 A3 Chart N


Geodetic Parameters: OSGB 1936 BNG

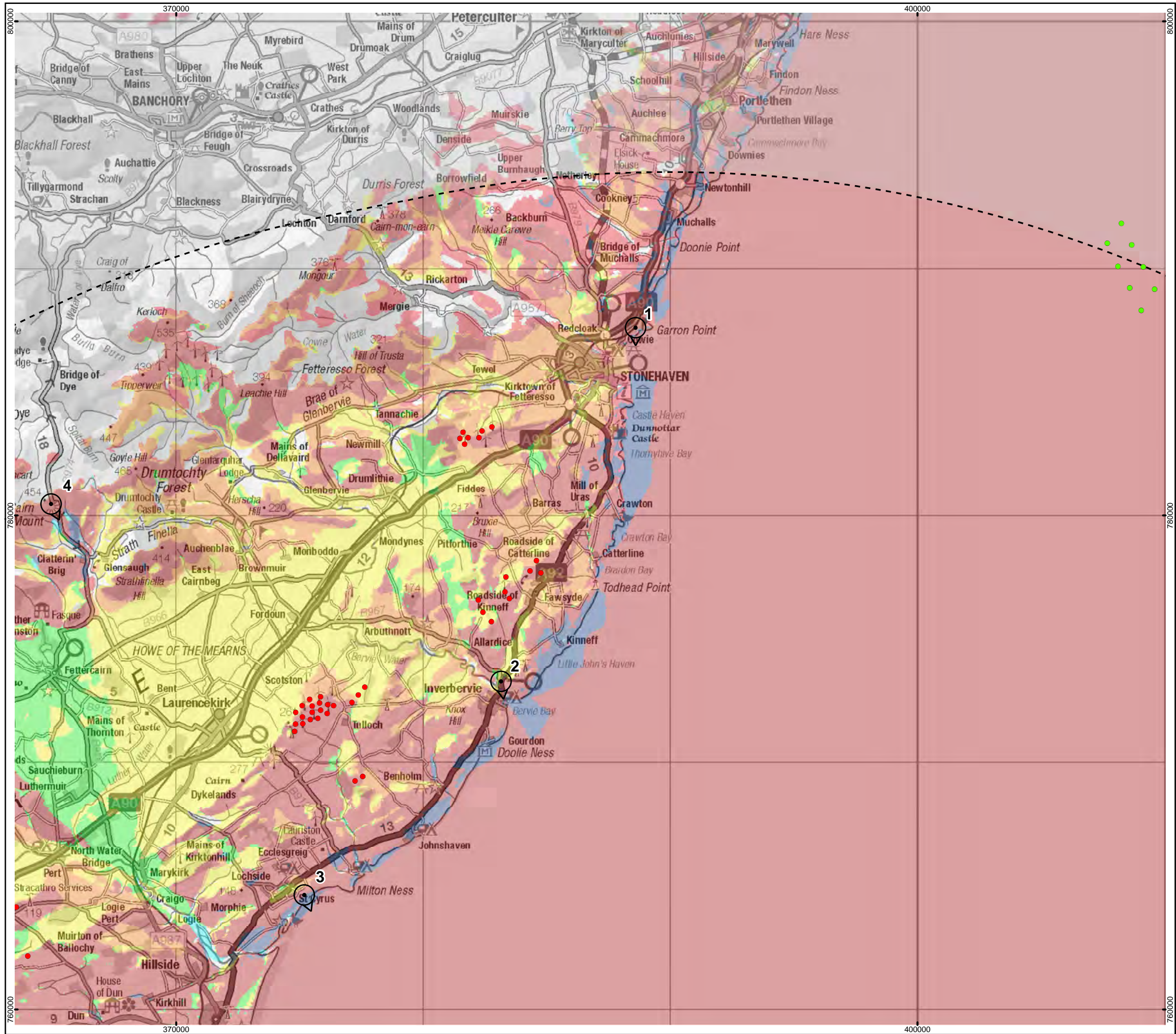
Produced: WR
Reviewed: JP
Approved: LG

Date: 02/05/2018 1

Ref: 4914.00004 12.22 Cumulative ZTV Inch Cape Onshore & Offshore







Figure 12.22
Cumulative ZTV
Inch Cape, All Onshore & All Offshore

Inch Cape
Wind Farm



Inch Cape Offshore Limited

KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  All Onshore
-  All Offshore
-  Viewpoint Location

Zones of Theoretical Visibility



Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000 A3 Chart
0 2.5 5 Kilometres

Geodetic Parameters: OSGB 1936 BNG

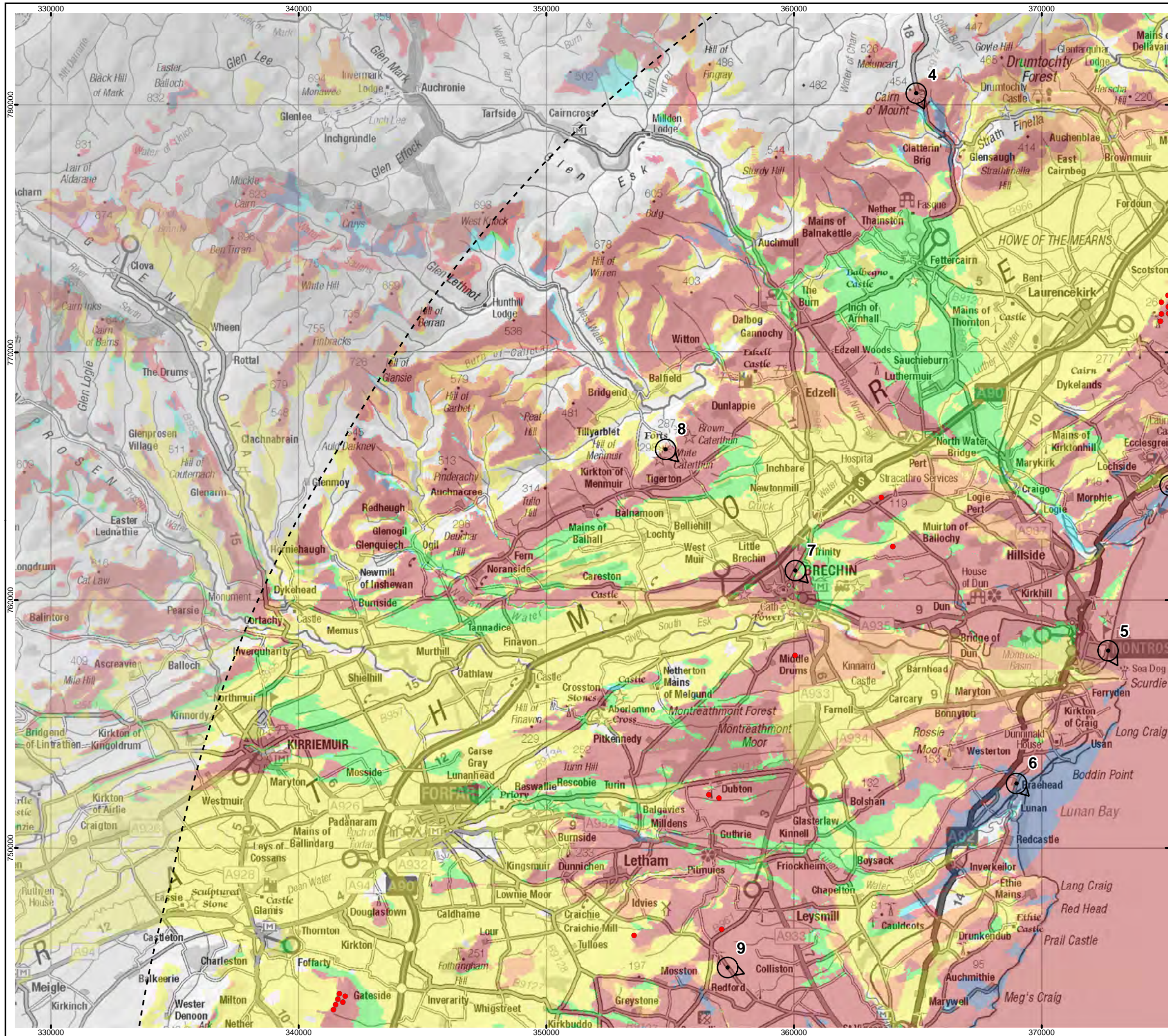
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Approved: LG

Date: 02/05/2018 1







Ref: 4914.00004 12.22a Cumulative ZTV Inch Cape Onshore & Offshore

Figure 12.22
Cumulative ZTV
Inch Cape, All Onshore & All Offshore

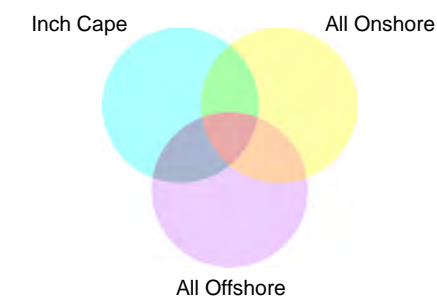
Inch Cape
Wind Farm



KEY

-  Development Area
-  Inch Cape Layout - (40 Turbines, 291m Tip Height)
-  50km Study Area
-  All Onshore
-  All Offshore
-  Viewpoint Location

Zones of Theoretical Visibility

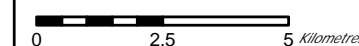


Notes

1. Predicted visibility is for observer eye level 2m above ground level
2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features
3. Created using Ordnance Survey digital terrain data on a 50m grid
4. ZTV created using ArcMap 10.5.1

Horizontal Scale 1:150,000

A3 Chart



Geodetic Parameters: OSGB 1936 BNG

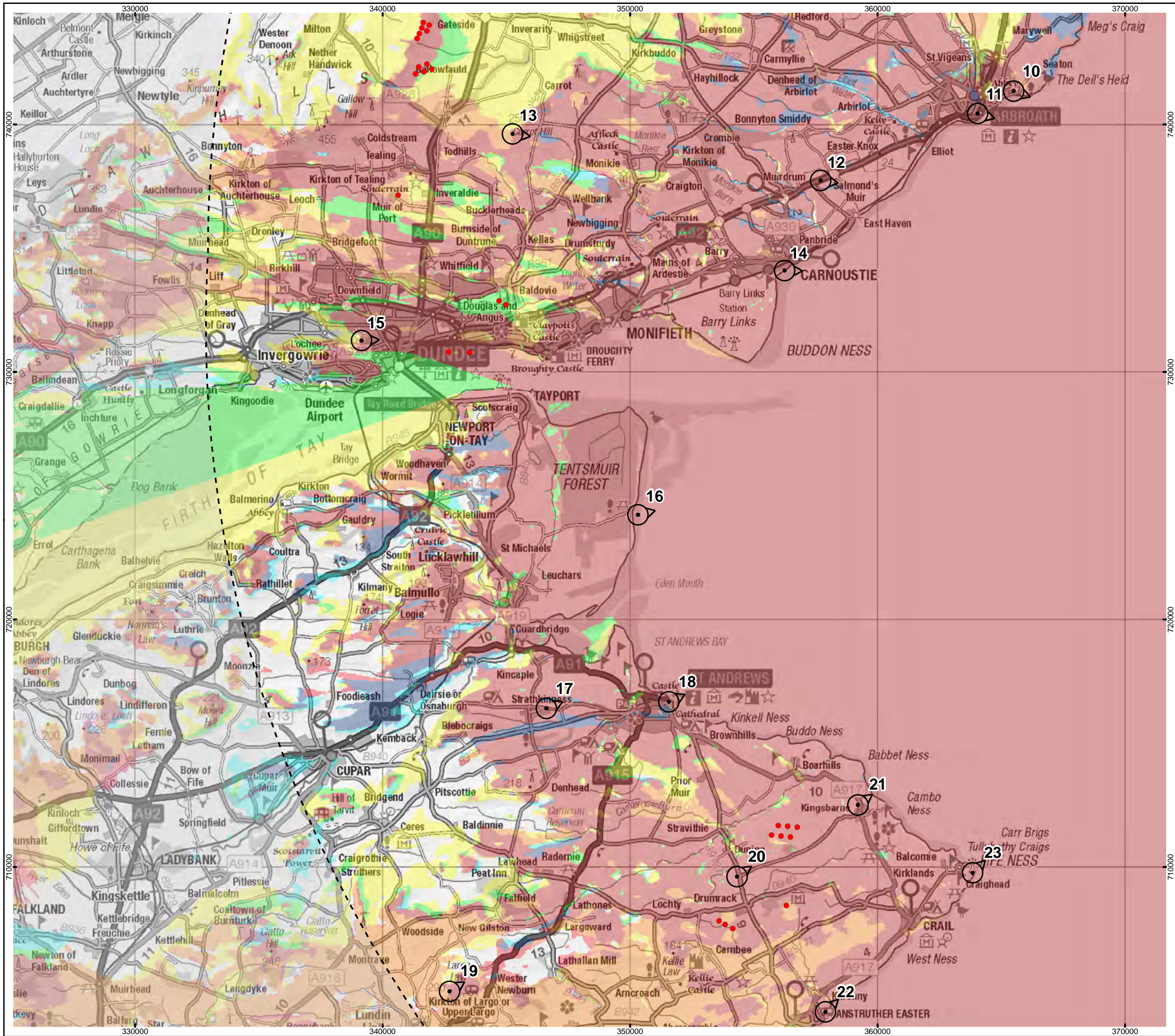
Produced: WR Reviewed: JP Approved: LG
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Date: 02/05/2018	1
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Ref: 4914.00004 12.22b Cumulative ZTV Inch Cape Onshore & Offshore

Figure 12.22b
Cumulative ZTV
Inch Cape, All Onshore & All Offshore

Inch Cape Wind Farm



Inch Cape Offshore Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines, 291m Tip Height)

50km Study Area

All Onshore

All Offshore

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

All Onshore

All Offshore

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

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2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 02/05/2018

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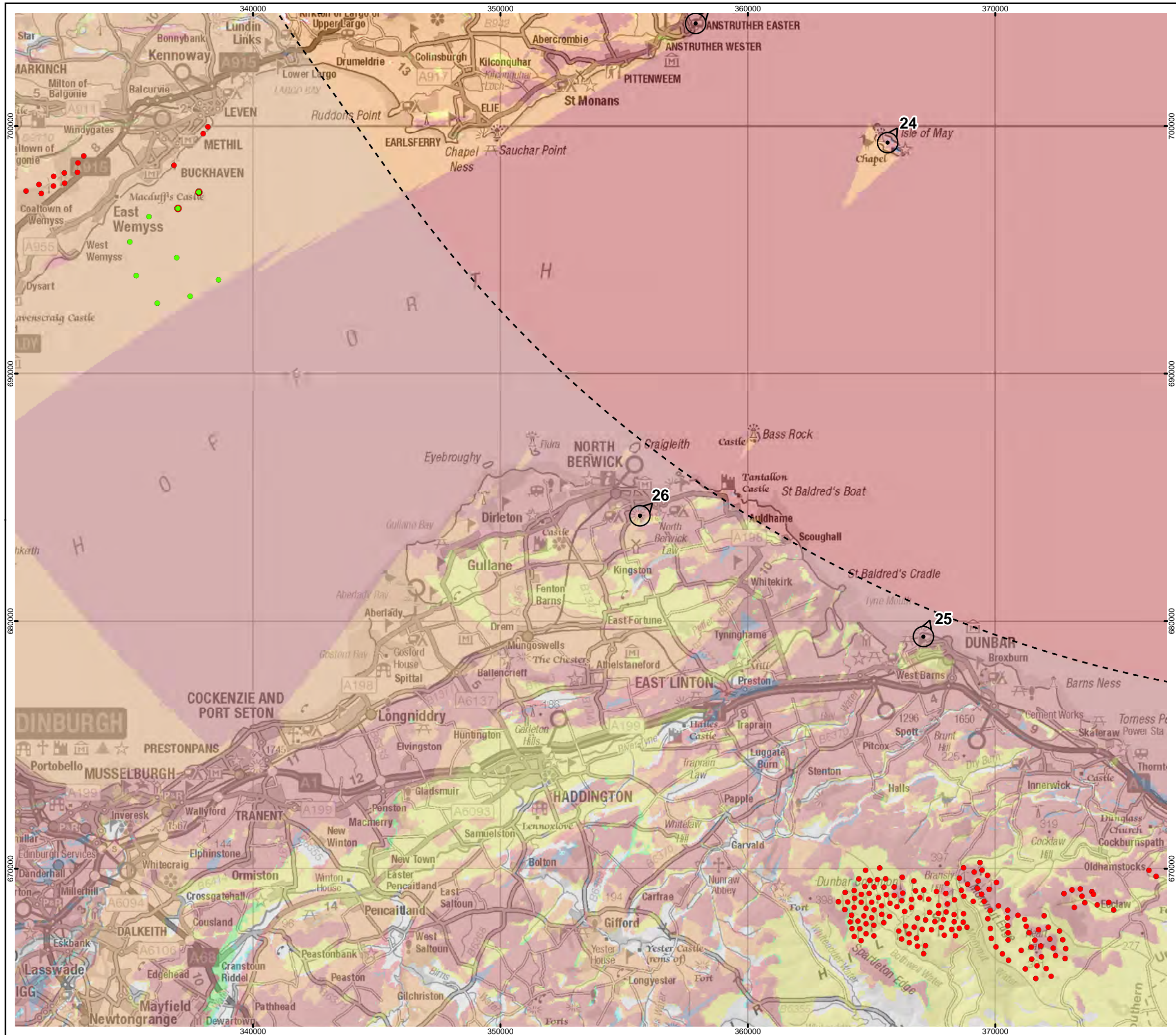
Ref: 4914.00004 12.22c Cumulative ZTV Inch Cape Onshore & Offshore

Figure 12.22c

Cumulative ZTV

Inch Cape, All Onshore & All Offshore

Inch Cape Wind Farm



Inch Cape Offshore Limited

KEY

Development Area

Inch Cape Layout - (40 Turbines, 291m Tip Height)

50km Study Area

All Onshore

All Offshore

Viewpoint Location

Zones of Theoretical Visibility

Inch Cape

All Onshore

All Offshore

Notes

1. Predicted visibility is for observer eye level 2m above ground level

2. The analysis does not take into account the screening effects of vegetation, buildings or other surface features

3. Created using Ordnance Survey digital terrain data on a 50m grid

4. ZTV created using ArcMap 10.5.1

Horizontal Scale1:150,000

A3 Chart

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2.5

5 Kilometres

Geodetic Parameters:

OSGB 1936 BNG

Produced: WR

Reviewed: JP

Approved: LG

Date: 02/05/2018

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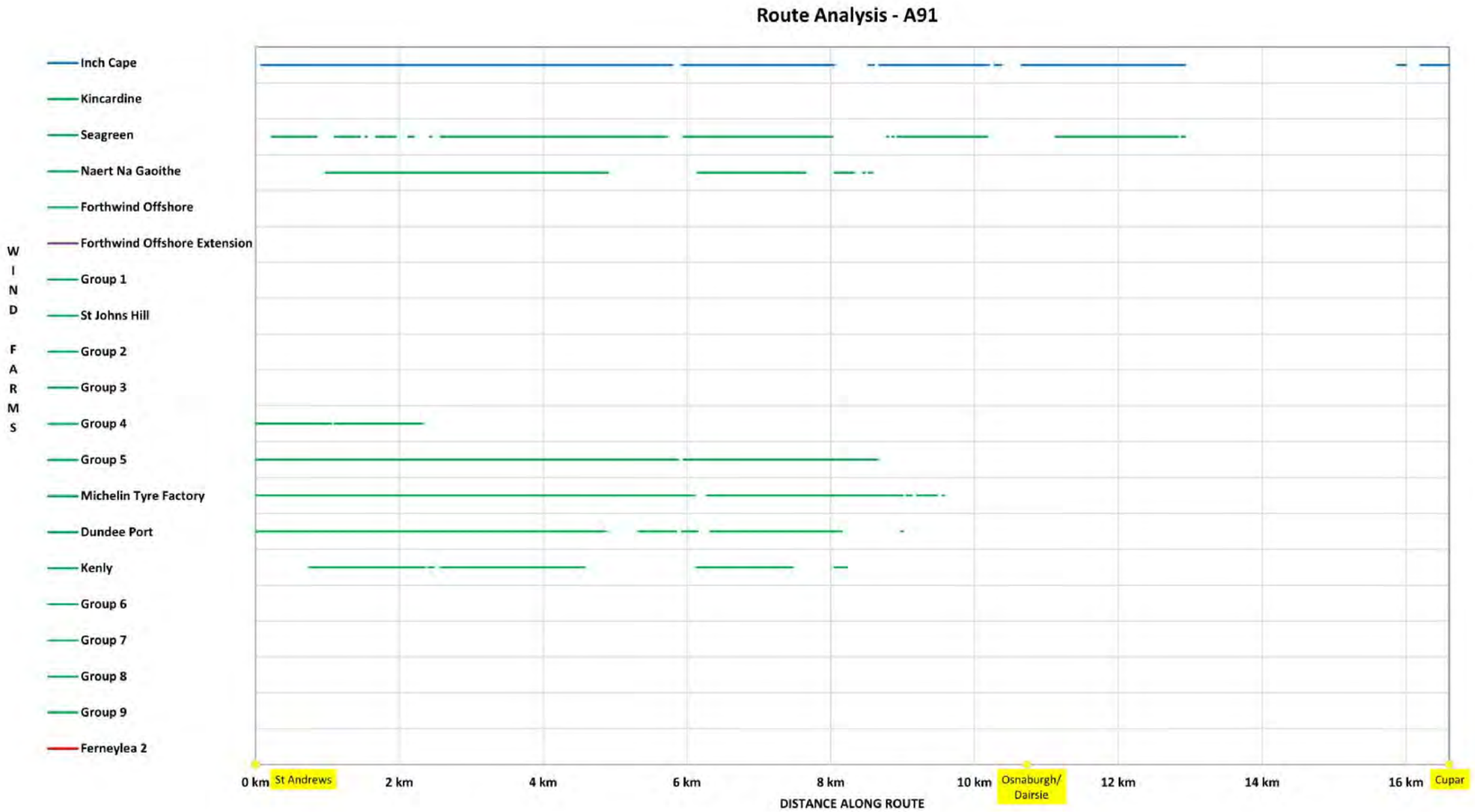
Ref: 4914.00004 12.22d Cumulative ZTV Inch Cape Onshore & Offshore

Figure 12.22d

Cumulative ZTV

Inch Cape, All Onshore & All Offshore

Inch Cape Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	75.64%	0.00%	60.00%	35.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	13.98%	51.88%	56.09%	46.02%	32.03%	0.00%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	12.56	0.00	9.96	5.89	0.00	0.00	0.00	0.00	0.00	0.00	2.32	8.61	9.31	7.64	5.32	0.00	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsrigshiels
	Kinegar Quarry
G9	Aikengall
	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

Produced: WR
Reviewed: JP
Approved: LG

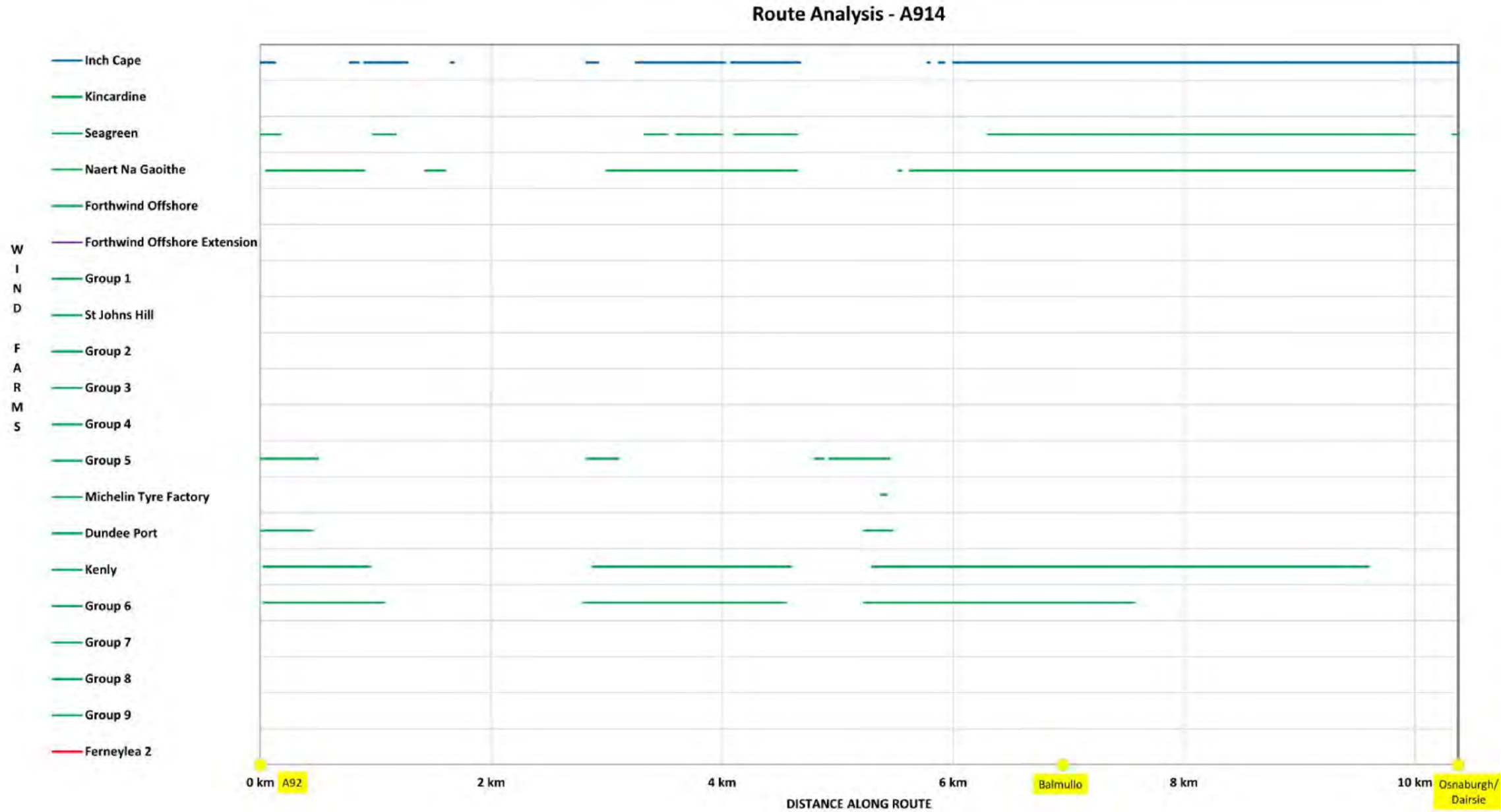
Date: 12/02/2018

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Ref: 4914.00004 12.23 Route Analysis - A91

Figure 12.23
Route Analysis
A91

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	65.63%	0.00%	52.40%	69.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	14.66%	0.72%	7.21%	67.55%	50.24%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	6.81	0.00	5.44	7.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.07	0.75	7.01	5.21	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsrigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

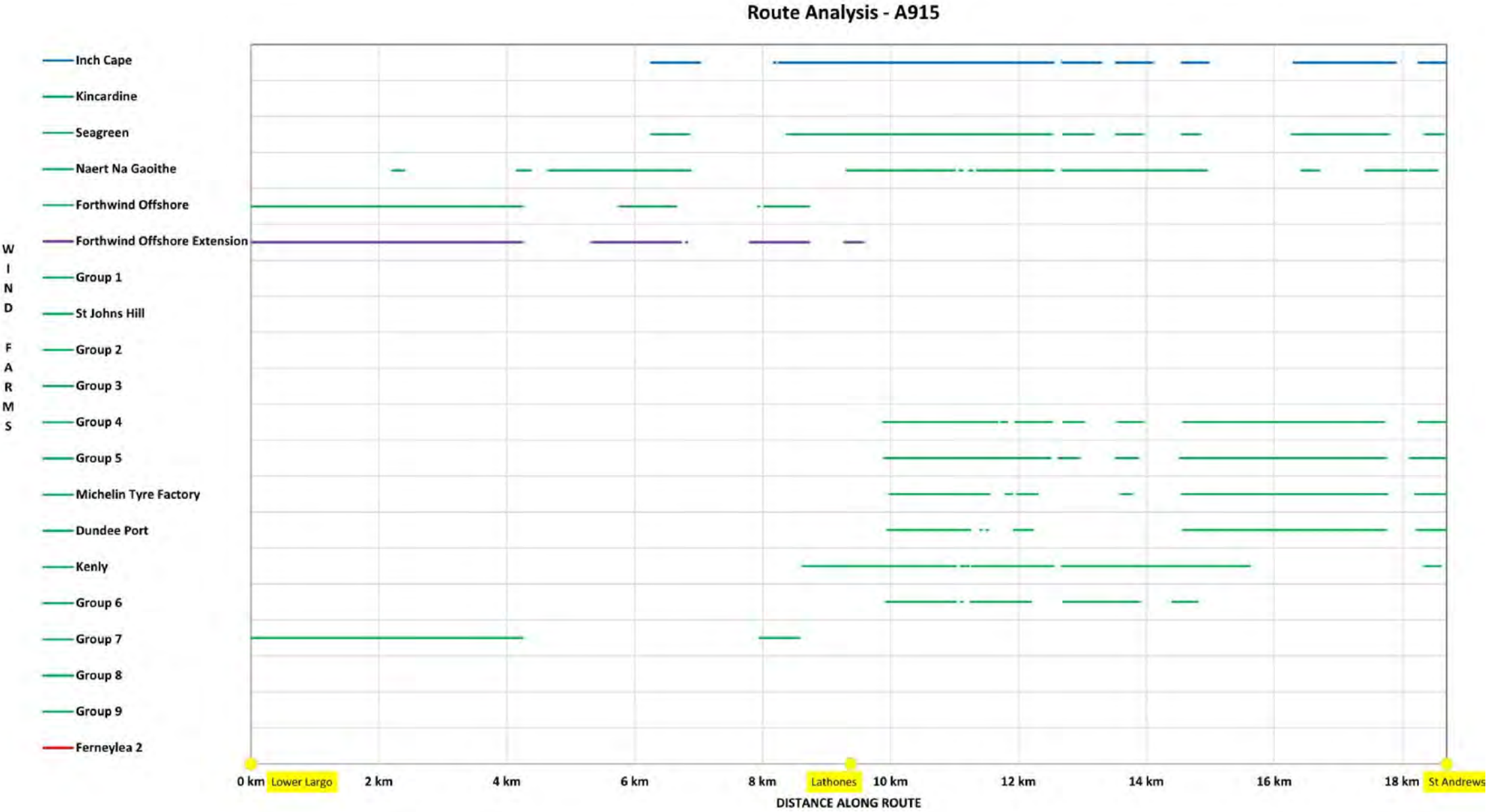
Produced: WR
Reviewed: JP
Approved: LG

Date: 12/02/2018 1

Ref: 4914.00004 12.24 Route Analysis - A914

Figure 12.24
Route Analysis
A914

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	48.06%	0.00%	42.46%	51.27%	32.18%	37.52%	0.00%	0.00%	0.00%	0.00%	37.25%	38.45%	32.31%	29.11%	38.05%	20.29%	26.30%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	8.99	0.00	7.94	9.59	6.02	7.02	0.00	0.00	0.00	0.00	6.97	7.19	6.04	5.44	7.12	3.79	4.92	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

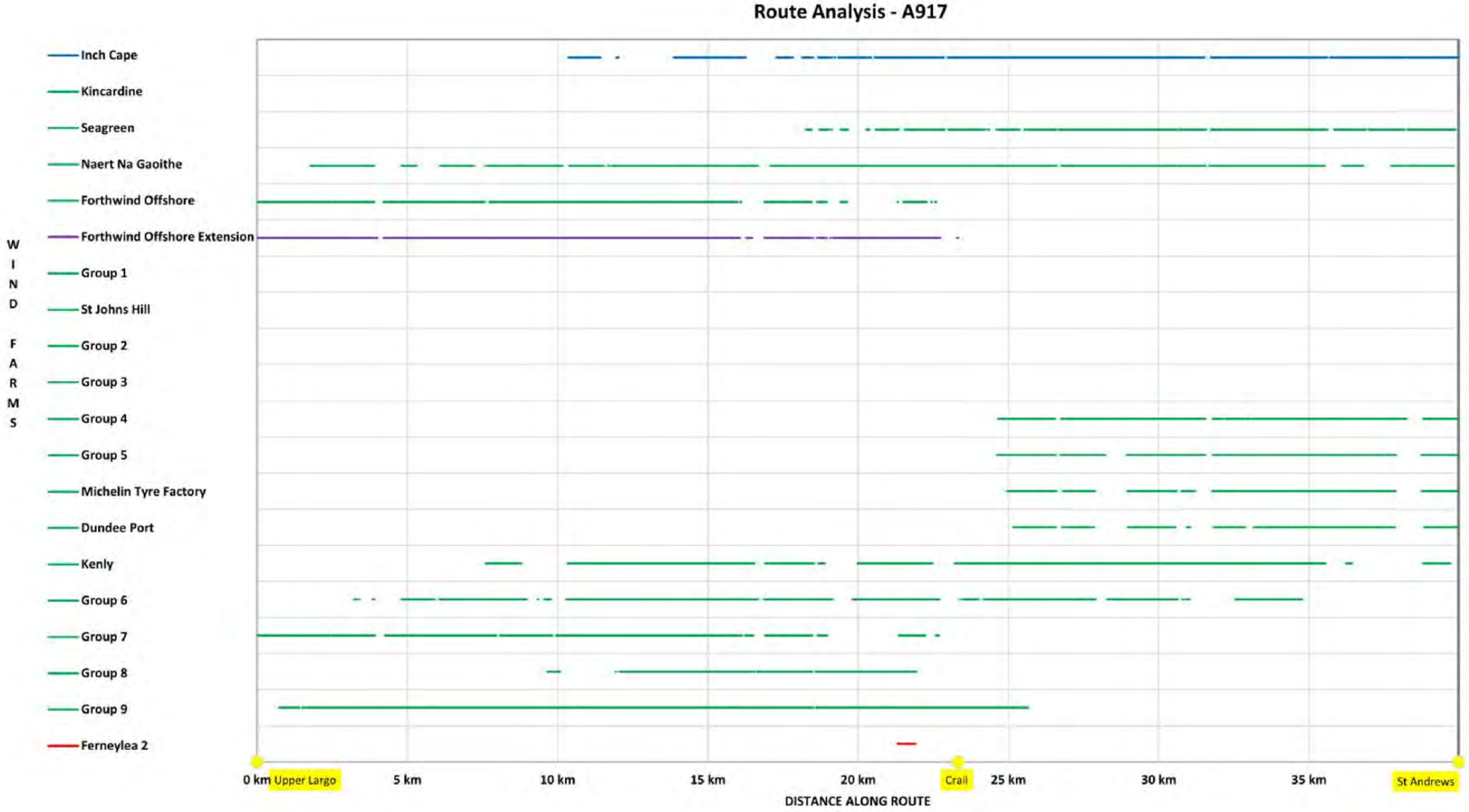
A3 Chart

Produced: WR
Reviewed: JP
Approved: LG

Date: 12/02/2018 1
Ref: 4914.00004 12.25 Route Analysis - A915

Figure 12.25
Route Analysis
A915

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	63.38%	0.00%	47.81%	84.13%	47.06%	54.56%	0.00%	0.00%	0.00%	0.00%	35.81%	33.94%	30.75%	28.19%	63.50%	64.13%	47.44%	25.63%	62.00%	1.50%
Distance of route with predicted visibility (km)	25.33	0.00	19.11	33.63	18.81	21.81	0.00	0.00	0.00	0.00	14.32	13.57	12.29	11.27	25.38	25.63	18.96	10.24	24.78	0.60

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

Produced: WR
Reviewed: JP
Approved: LG

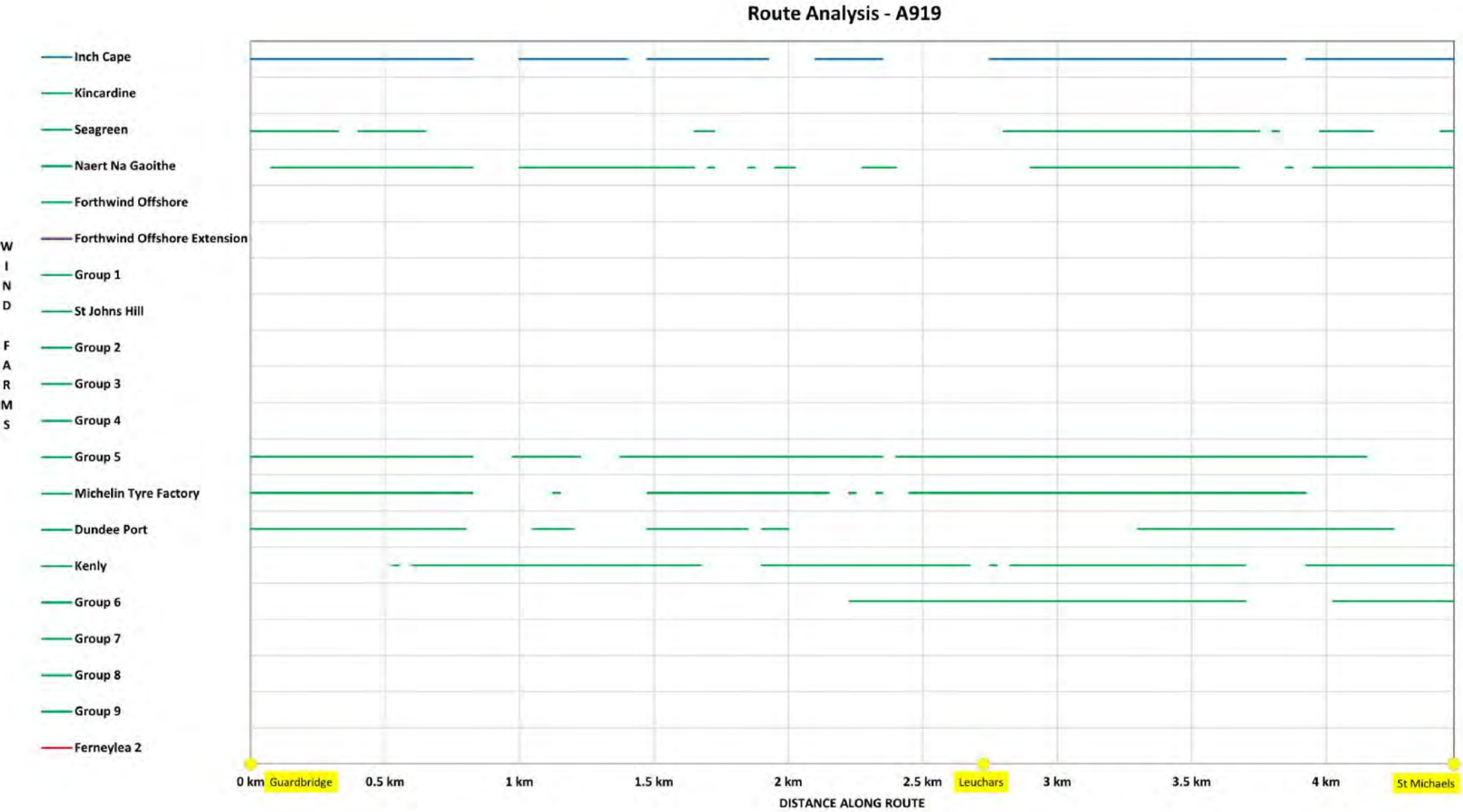
Date: 12/02/2018

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Ref: 4914.00004 12.26 Route Analysis - A917

Figure 12.26
Route Analysis
A917

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	82.78%	0.00%	46.11%	71.11%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	87.22%	71.67%	55.56%	77.22%	43.89%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	3.70	0.00	2.06	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.90	3.21	2.49	3.46	1.96	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsrigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

Produced: WR
Reviewed: JP
Approved: LG

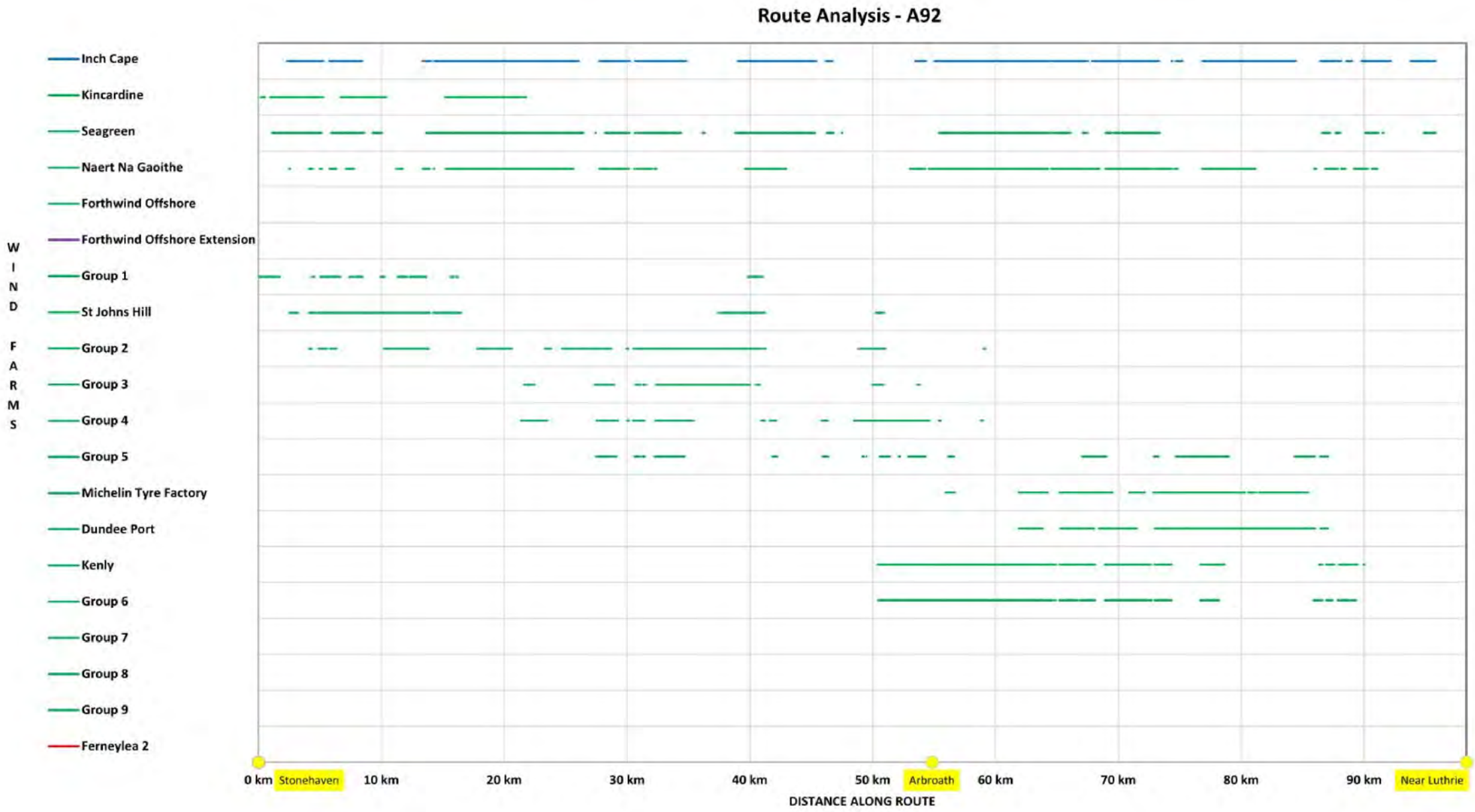
Date: 12/02/2018

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Ref: 4914.00004 12.27 Route Analysis - A919

Figure 12.27
Route Analysis
A919

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	66.17%	15.23%	51.86%	49.62%	0.00%	0.00%	8.97%	17.41%	26.49%	12.58%	16.14%	18.23%	20.74%	21.71%	27.15%	26.74%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	65.06	14.97	50.99	48.79	0.00	0.00	8.82	17.12	26.04	12.37	15.87	17.92	20.39	21.34	26.69	26.29	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

Produced: WR
Reviewed: JP
Approved: LG

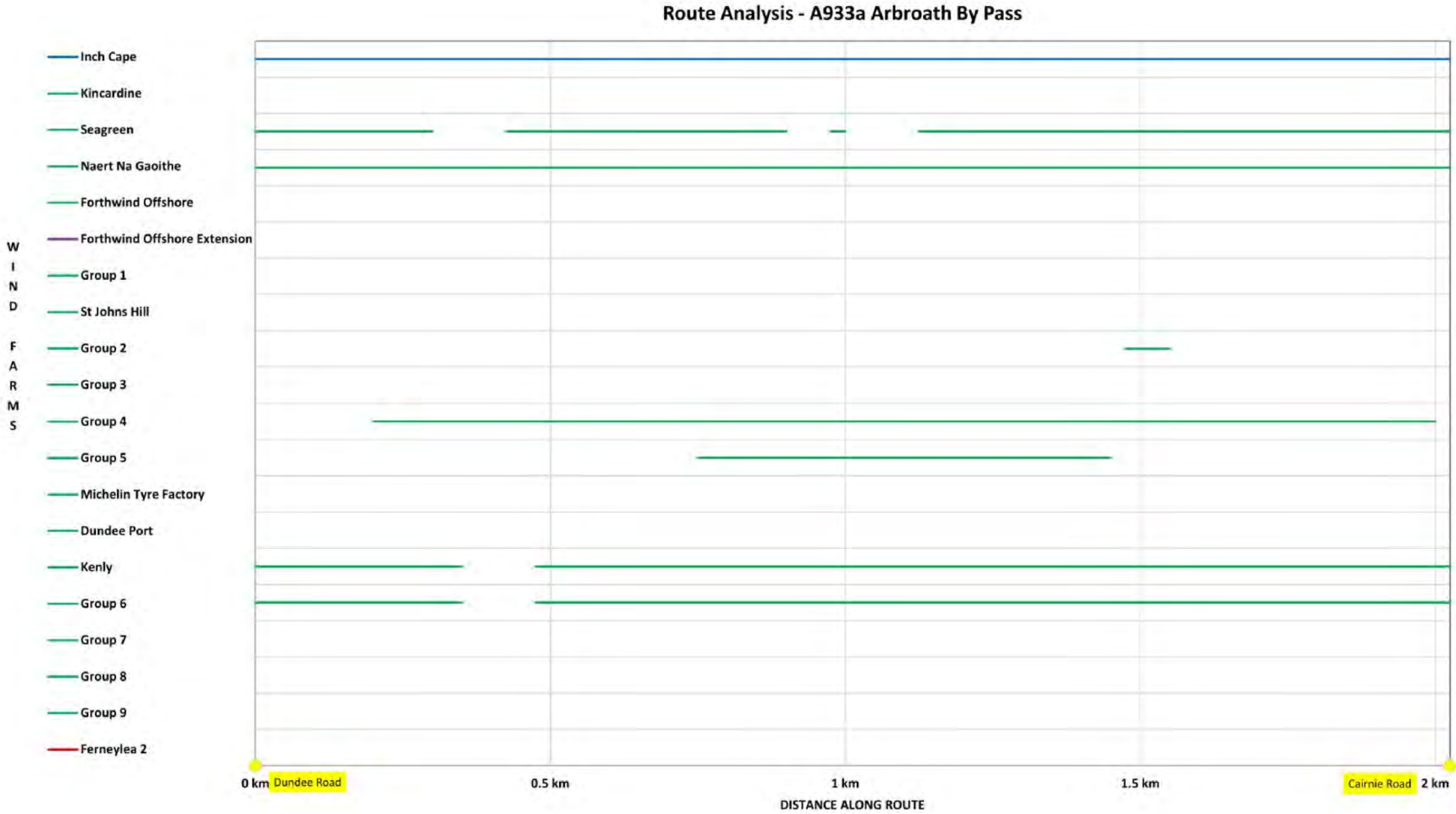
Date: 13/03/2018

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Ref: 4914.00004 12.28 Route Analysis - A92

Figure 12.28
Route Analysis
A92

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	100.00%	0.00%	87.80%	100.00%	0.00%	0.00%	0.00%	0.00%	4.88%	0.00%	89.02%	35.37%	0.00%	0.00%	95.12%	95.12%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	2.03	0.00	1.78	2.03	0.00	0.00	0.00	0.00	0.10	0.00	1.80	0.72	0.00	0.00	1.93	1.93	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

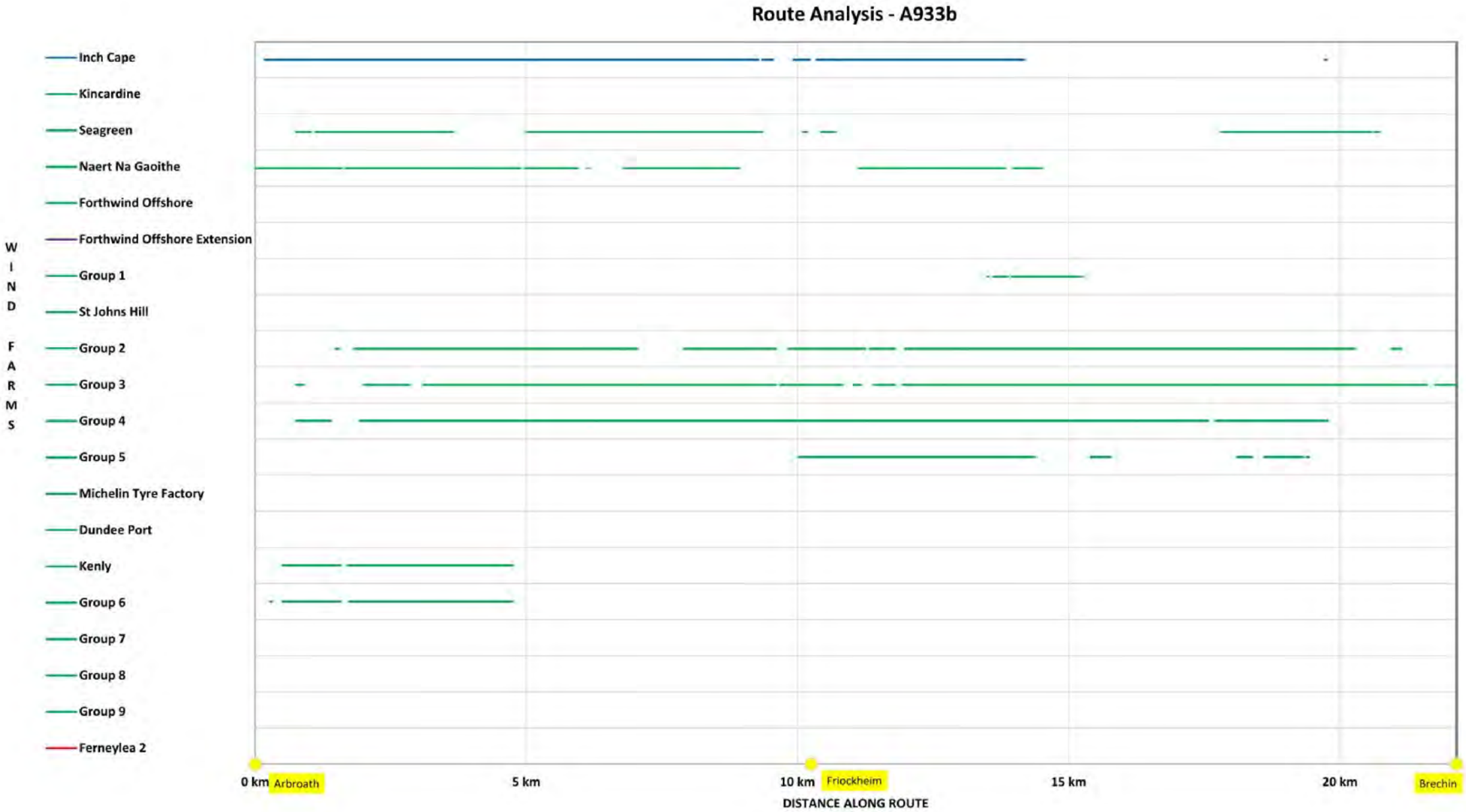
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Reviewed: JP
Approved: LG

Date: 13/03/2018 1

Ref: 4914.00004 12.29a Route Analysis - A933a

Figure 12.29a
Route Analysis
A933a Arbroath By Pass

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	61.22%	0.00%	47.91%	51.30%	0.00%	0.00%	7.55%	0.00%	79.14%	87.82%	83.20%	26.83%	0.00%	0.00%	18.94%	19.05%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	13.56	0.00	10.61	11.36	0.00	0.00	1.67	0.00	17.53	19.45	18.43	5.94	0.00	0.00	4.20	4.22	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
G9	Aikengall
	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

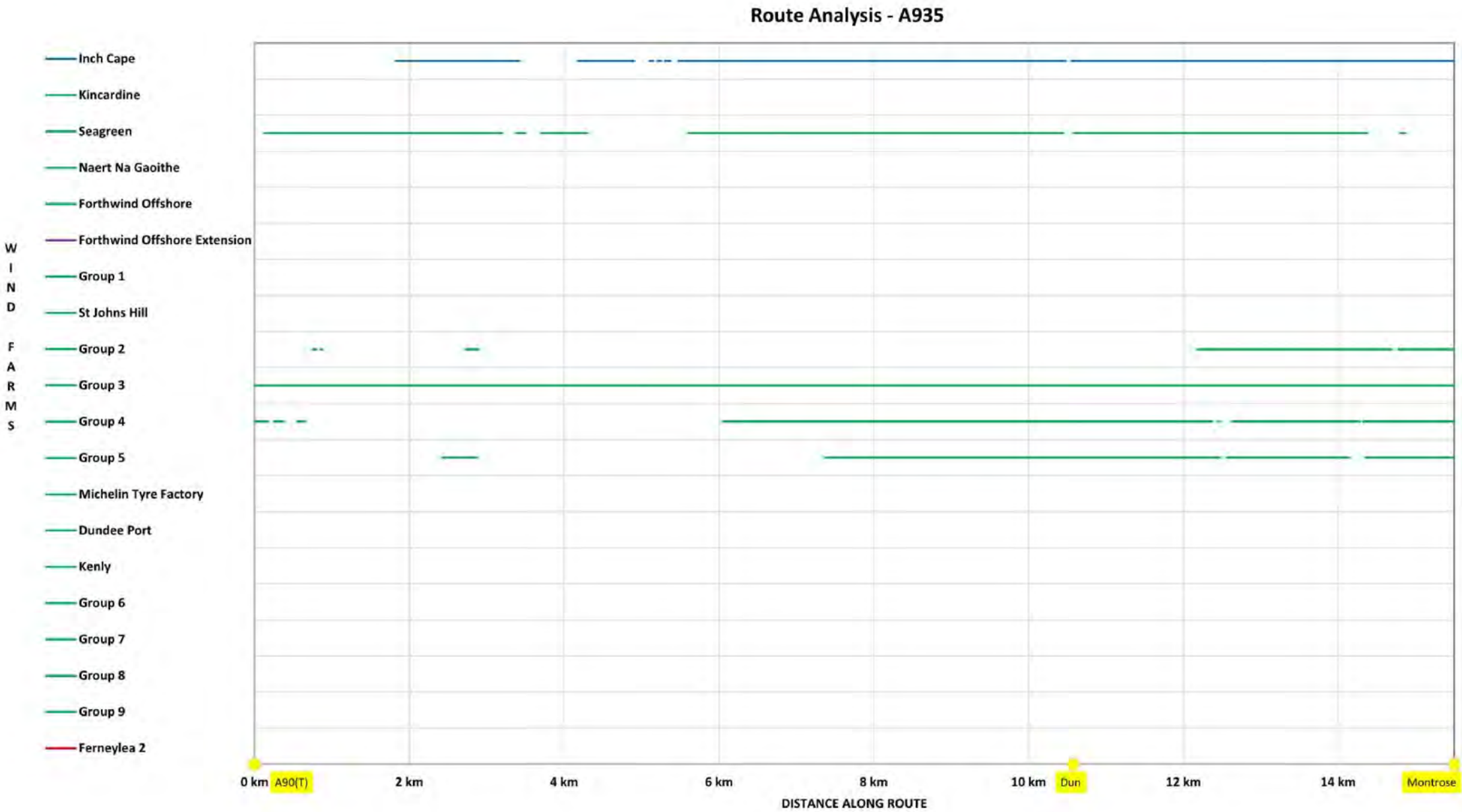
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Reviewed: JP
Approved: LG

Date: 12/02/2018 1

Ref: 4914.00004 12.29b Route Analysis - A933b

Figure 12.29b
Route Analysis
A933b

Inch Cape
Wind Farm



KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

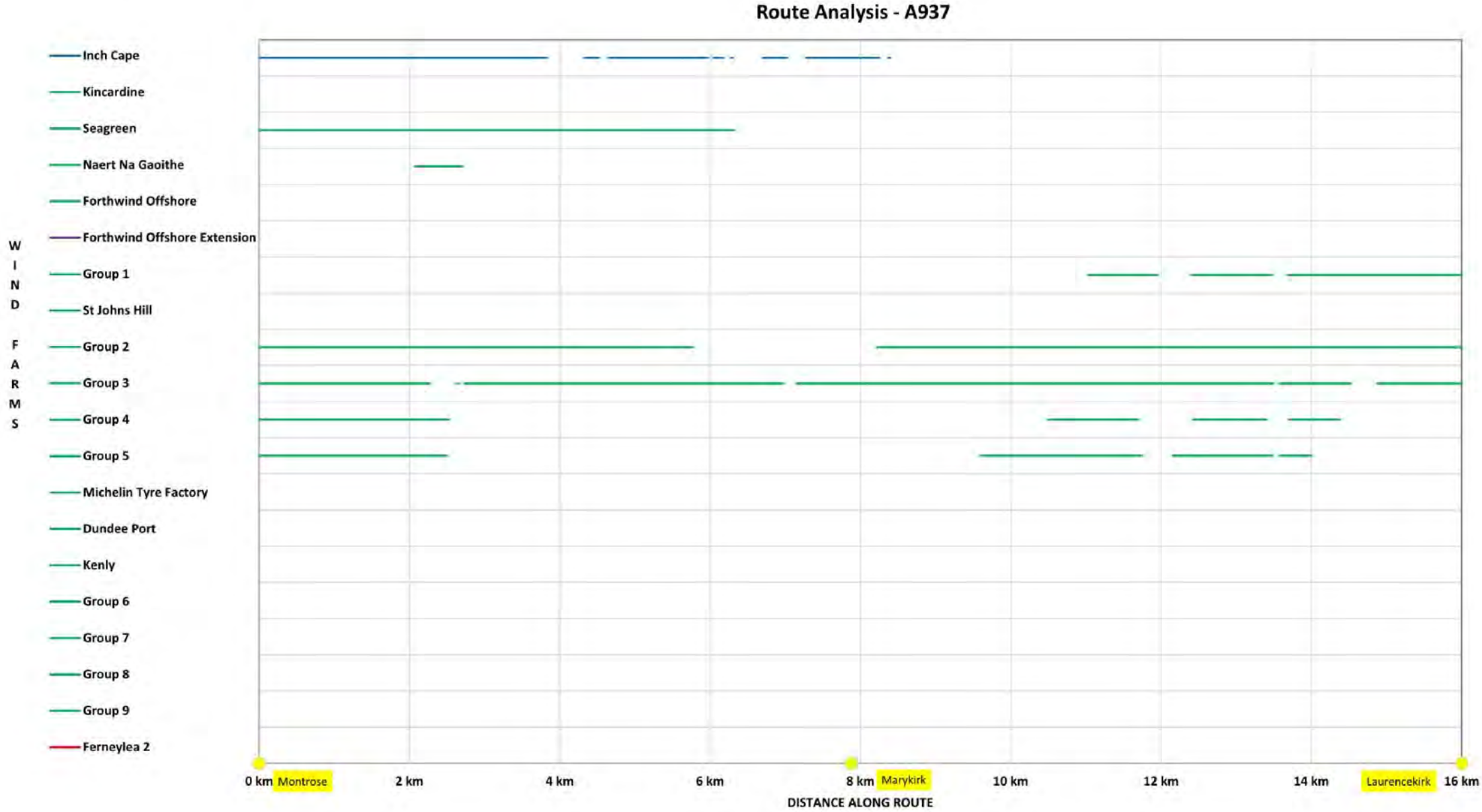
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Reviewed: JP
Approved: LG

Date: 12/02/2018 1

Ref: 4914.00004 12.30 Route Analysis - A935

Figure 12.30
Route Analysis
A935

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	44.15%	0.00%	39.63%	4.06%	0.00%	0.00%	27.46%	0.00%	84.87%	94.38%	34.17%	40.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	7.06	0.00	6.34	0.65	0.00	0.00	4.39	0.00	13.58	15.10	5.47	6.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

Produced: WR
Reviewed: JP
Approved: LG

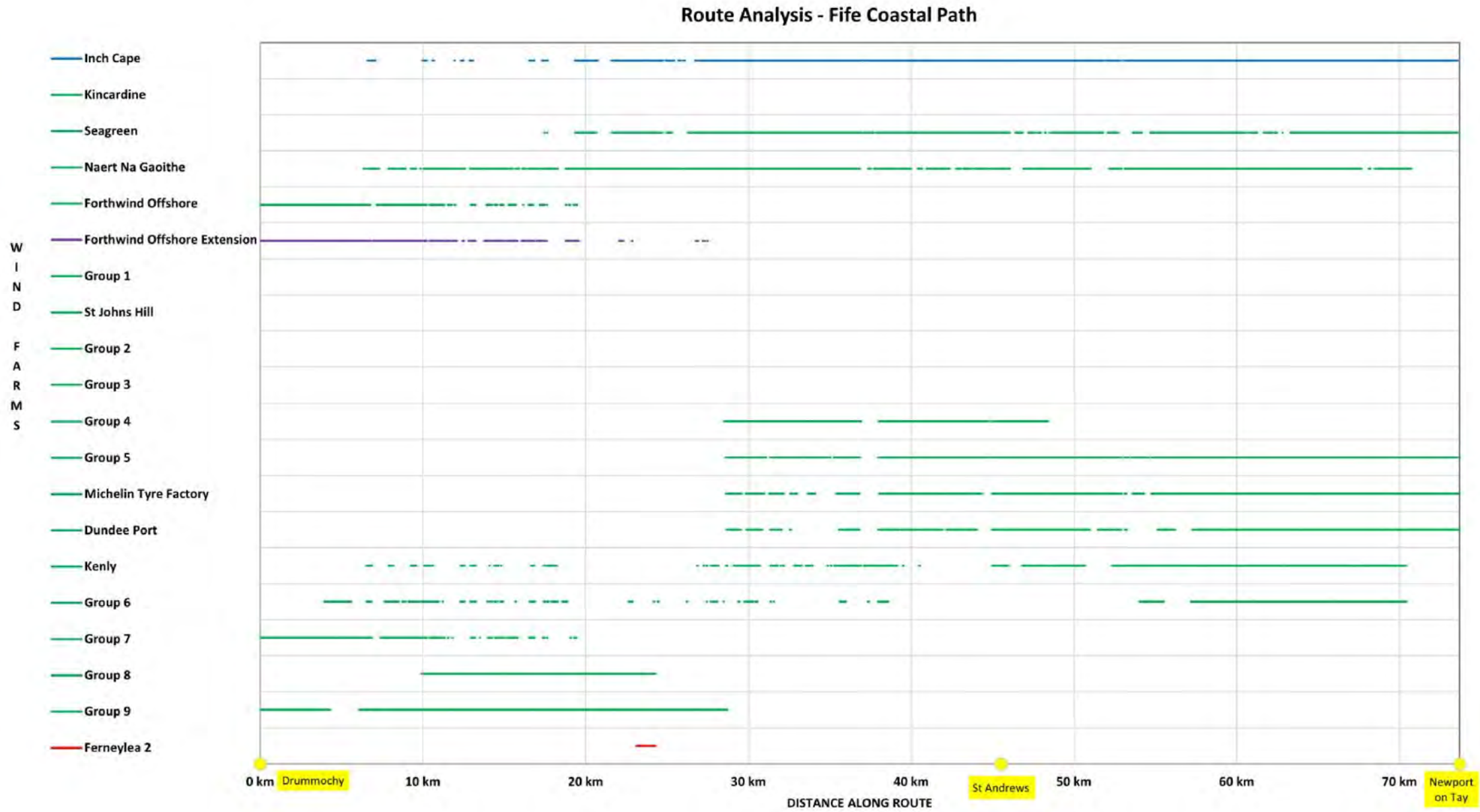
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Ref: 4914.00004 12.31 Route Analysis - A937

Figure 12.31
Route Analysis
A937

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	72.84%	0.00%	65.17%	77.62%	18.85%	23.47%	0.00%	0.00%	0.00%	0.00%	25.23%	58.02%	53.37%	47.41%	46.29%	34.99%	18.38%	19.57%	36.55%	1.66%
Distance of route with predicted visibility (km)	53.68	0.00	48.03	57.21	13.90	17.29	0.00	0.00	0.00	0.00	18.59	42.76	39.34	34.94	34.11	25.79	13.55	14.42	26.94	1.22

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

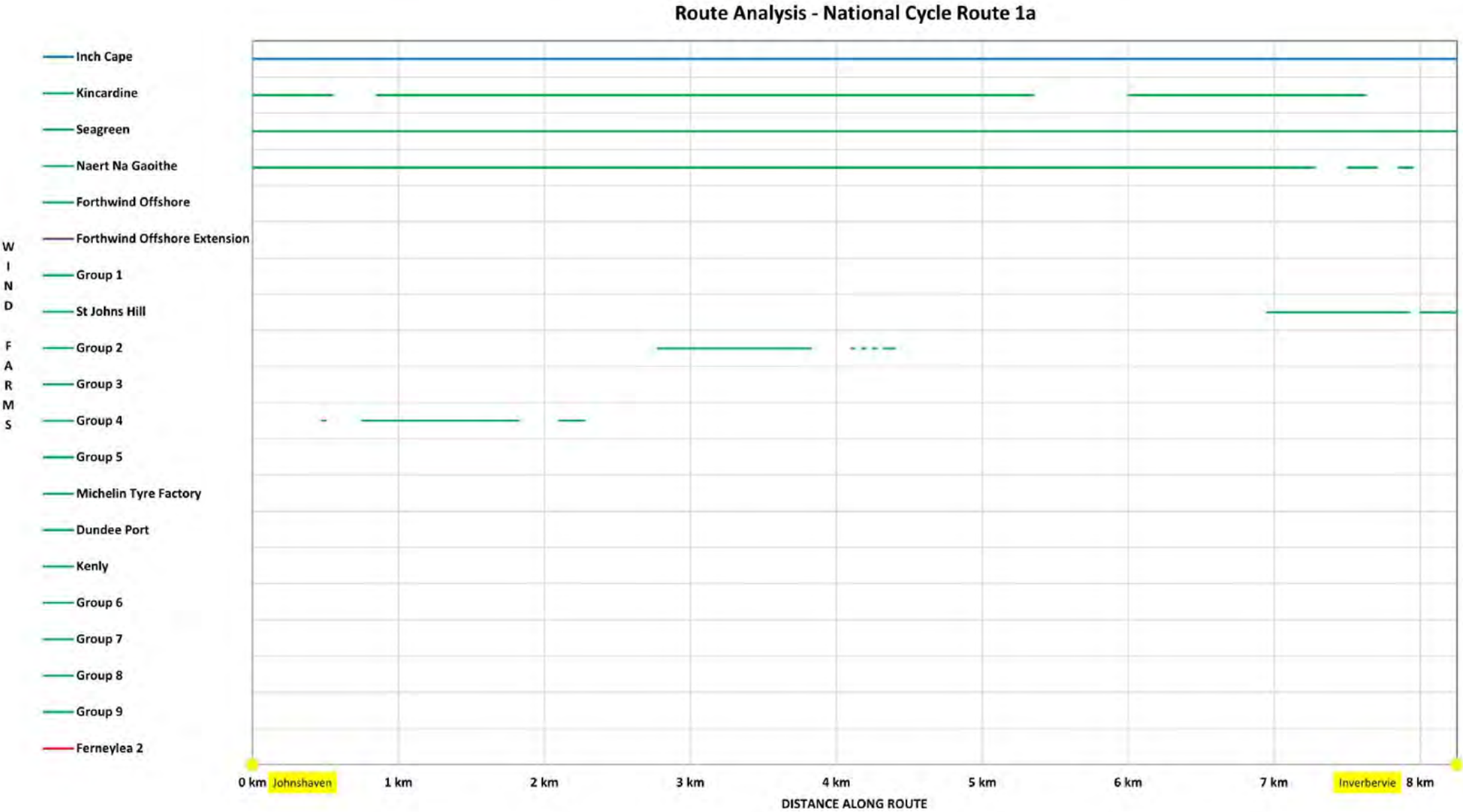
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Approved: LG

Date: 12/02/2018 1

Ref: 4914.00004 12.32 Route Analysis - Fife Coastal Path

Figure 12.32
Route Analysis
Fife Coastal Path

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	100.00%	81.57%	100.00%	92.45%	0.00%	0.00%	0.00%	15.41%	16.01%	0.00%	16.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	8.25	6.73	8.25	7.63	0.00	0.00	0.00	1.27	1.32	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

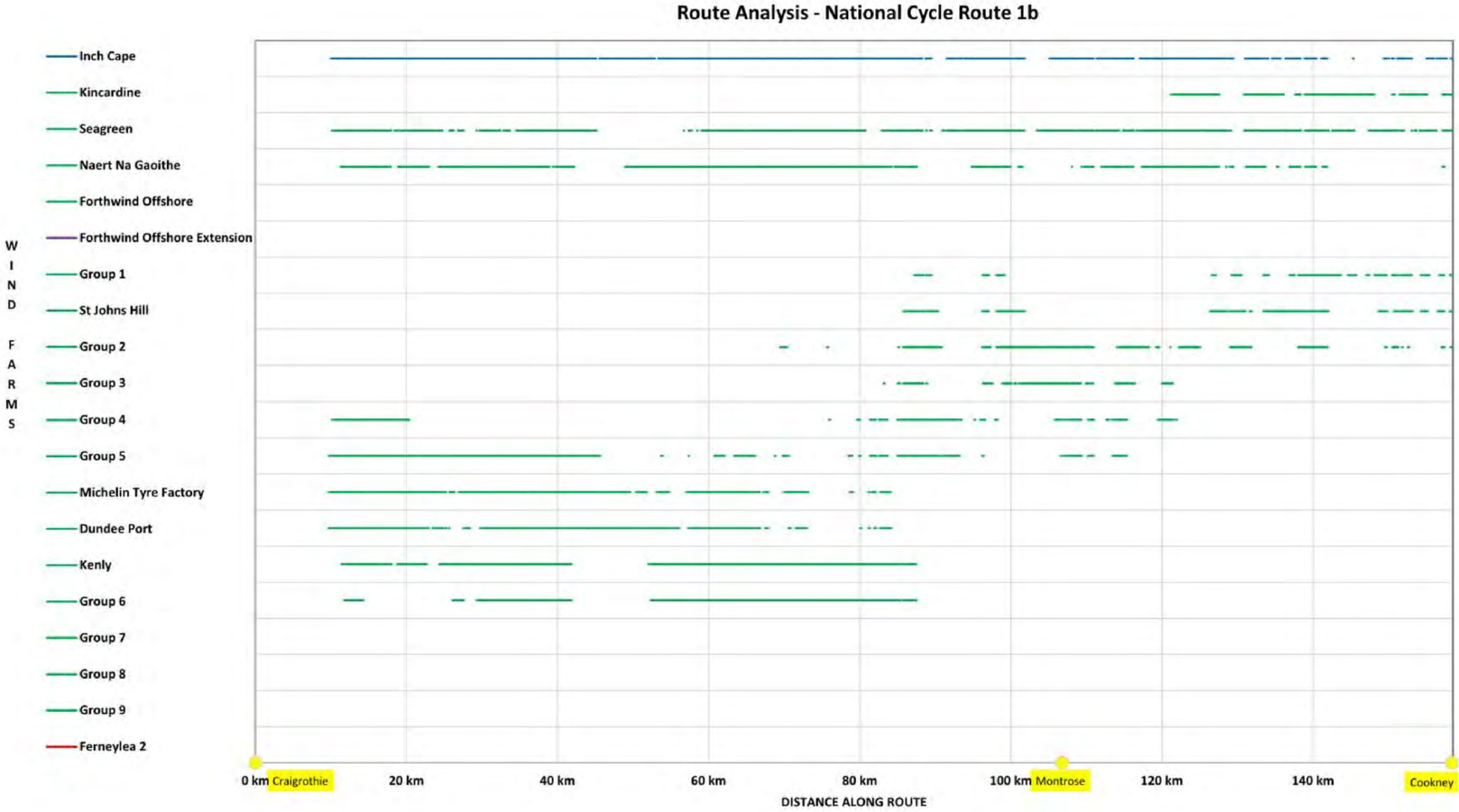
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Reviewed: JP
Approved: LG

Date: 12/02/2018 1

Ref: 4914.00004 12.33a Route Analysis - National Cyle Route 1a

Figure 12.33a
Route Analysis
National Cycle Route 1a

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	78.36%	16.35%	70.67%	59.79%	0.00%	0.00%	13.24%	17.88%	22.98%	12.28%	19.70%	36.10%	36.75%	35.47%	39.86%	32.36%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	124.08	25.90	111.91	94.69	0.00	0.00	20.97	28.32	36.39	19.45	31.20	57.17	58.19	56.17	63.12	51.24	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsprigshiels
	Kinegar Quarry
	Aikengall
G9	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

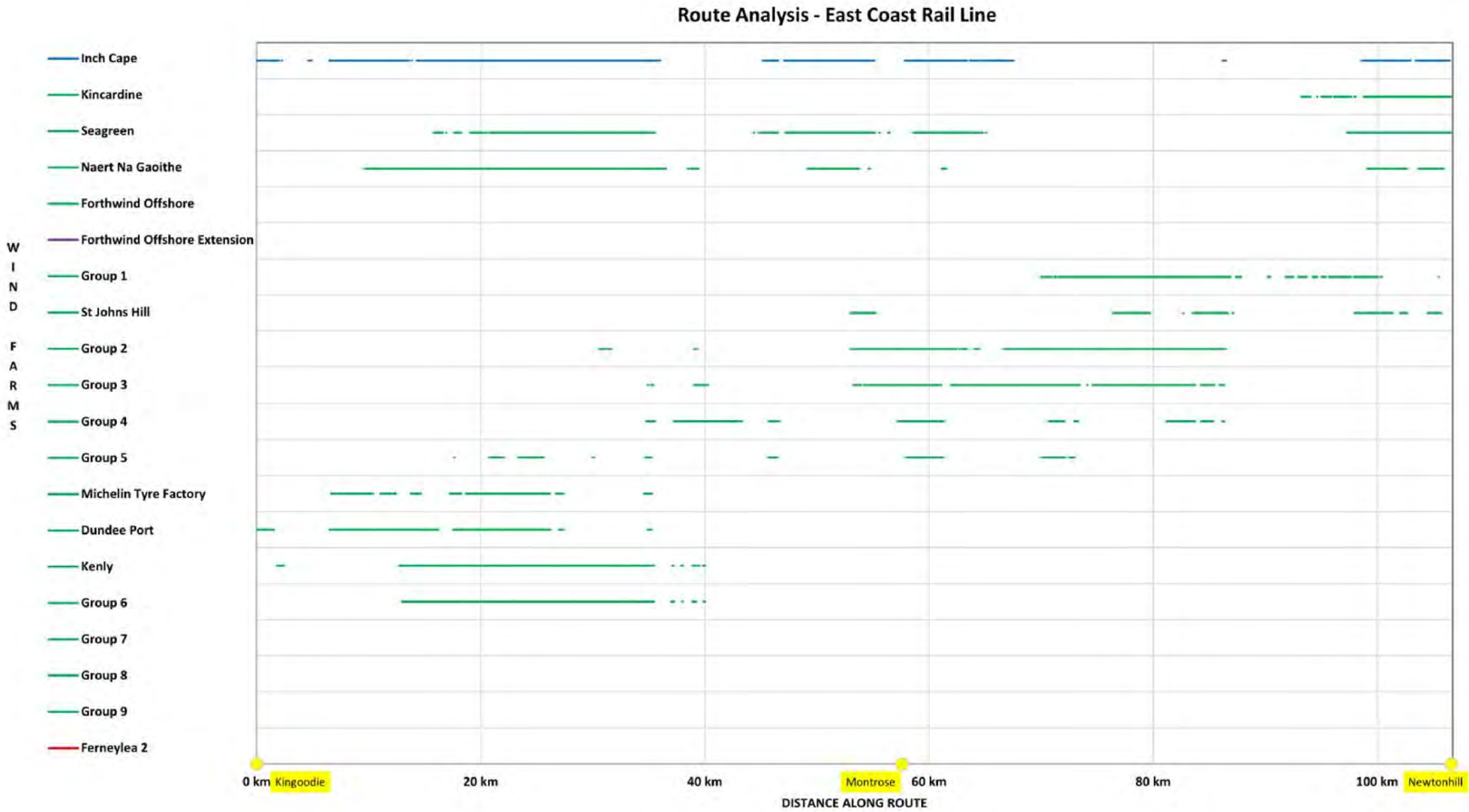
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Reviewed: JP
Approved: LG

Date: 12/02/2018 1

Ref: 4914.00004 12.33b Route Analysis - National Cyle Route 1b

Figure 12.33b
Route Analysis
National Cycle Route 1b

Inch Cape
Wind Farm



	Inch Cape	Kincardine	Seagreen	Naert Na Gaoithe	Forthwind Offshore	Forthwind Offshore Extension	Group 1	St Johns Hill	Group 2	Group 3	Group 4	Group 5	Michelin Tyre Factory	Dundee Port	Kenly	Group 6	Group 7	Group 8	Group 9	Ferneylea 2
Percent of route with predicted visibility	53.51%	10.39%	40.12%	35.78%	0.00%	0.00%	22.13%	13.13%	29.66%	29.87%	16.27%	10.81%	14.44%	19.30%	22.70%	21.78%	0.00%	0.00%	0.00%	0.00%
Distance of route with predicted visibility (km)	57.04	11.07	42.76	38.14	0.00	0.00	23.59	14.00	31.62	31.84	17.35	11.52	15.40	20.57	24.19	23.22	0.00	0.00	0.00	0.00

KEY

- Inch Cape Visible
- Consented/Operational Site Visible
- Scoping Site Visible
- Proposed Site Visible

List of Groups of Cumulative Wind Farms

Group	Wind Farm
G1	Clochnahill
	Hillhead of Auquhirie
G2	Brownieleys
	Paul Matthew Hill
	Tullo
	Twinshiels
G3	East Drums
	Hill of Stracathro
	Whitefield of Dun
G4	Ascurry Farm
	Dubton Farm
	North Mains of Cononsyth
	Pickerton
G5	Frawney
	Govals
	Tealing Airfield
G6	Airdrie Farm
	Bonerbo
G7	Earlseat
	East Fife Football Club
	Levenmouth Demo Project
	Methil Docks
	Woodbank Farm
G8	Ferneylea
	Hopsrigshiels
	Kinegar Quarry
G9	Aikengall
	Aikengall 2
	Aikengall 2a
	Crystal Rig
	Crystal Rig 1a
	Crystal Rig 2
	Crystal Rig 2a
	Crystal Rig 3

A3 Chart

Produced: WR
Reviewed: JP
Approved: LG

Date: 12/02/2018

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Ref: 4914.00004 12.34 Route Analysis - East Coast Railway

Figure 12.34
Route Analysis
East Coast Rail Line

Inch Cape
Wind Farm