



Rampion Offshore Wind Farm



ES Section 12 – SLVIA Figures 12.13 – 12.16B

RSK Environment Ltd

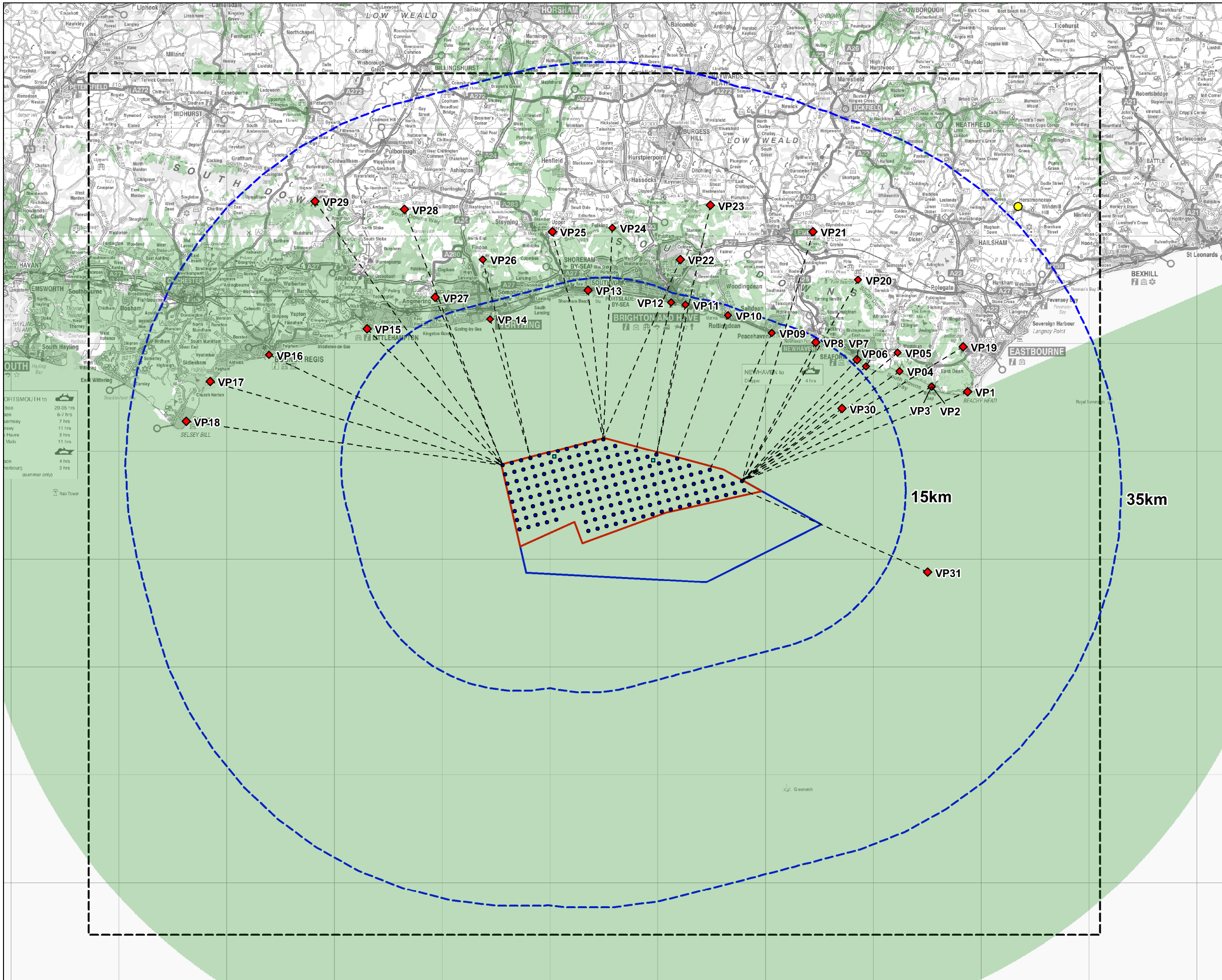
Document 6.2.12ii

December 2012

APFP Regulation 5(2)(a)

Revision A

E.ON Climate & Renewables UK Rampion Offshore Wind Limited



- Legend**
- Proposed Turbine Location (Option F - 175 turbines)
 - Potential Substation Location
 - Distance Marker
 - The Crown Estate Zone 6
 - Rampion Offshore Wind Farm Site
 - Viewpoint Location
 - Zone of Theoretical Visibility for 175 turbine option (to Blade Tip)
 - Nearest Turbine Sight Lines
 - Herstmonceux weather station (Atmospheric visibility data source)
 - Extent of Marine Weather Observations (Atmospheric visibility data source)

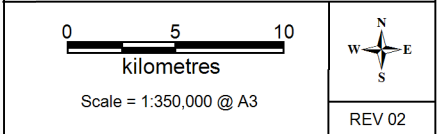


Rev	Date	Description	Drn	Chk	App
02	09.11.12	Layout F added	NH	RM	DW
01	04.04.12	distance marker	NH	RM	DW
00	07.03.12	First Draft	NH	RM	DW

Rampion Wind Farm



Title:
Figure 12.13 - Viewpoint Locations and Atmospheric Visibility

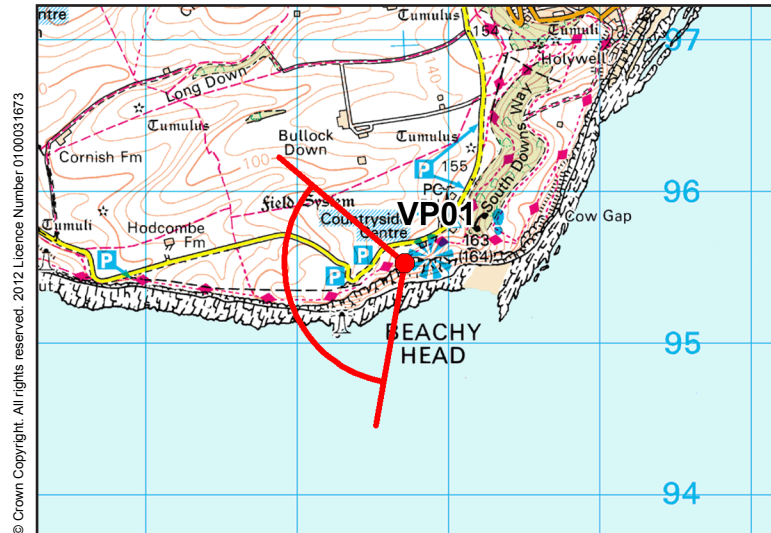




File Reference: P4131837 Illustrator File:VP01-LEA-VPN-120-01 Rev:01

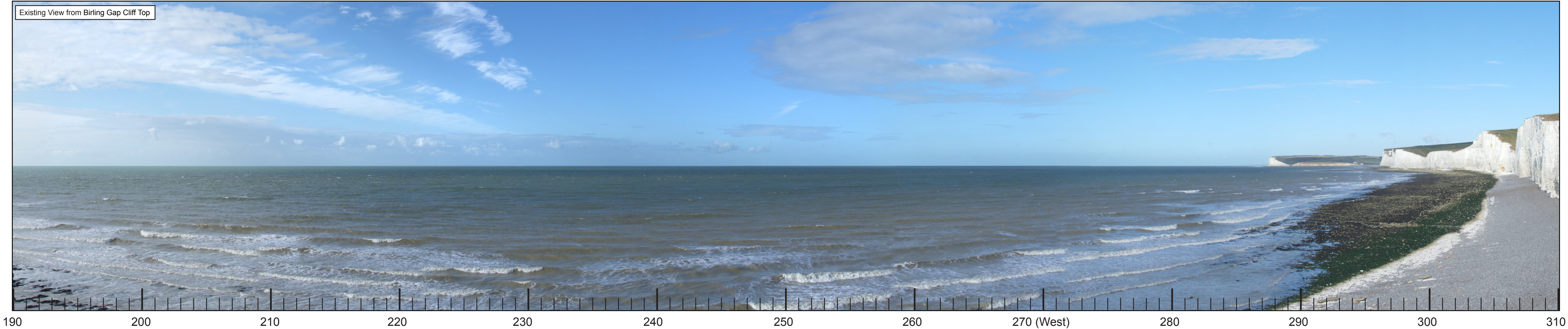
RSK *e-on*

Viewpoint title : Beachy Head Cliff Top
Grid reference : 558707, 095526
Direction of view : 250°
Included angle of view : 120°
Elevation : 130m
Date of photograph : 11th January 2012
Time of photograph : 11:30
Camera type and lens : Canon EOS 5D Mark II digital camera with a 50mm lens
Camera height above ground : 1.6m
Distance to nearest (Rampion) turbine : 22.5km
Distance to furthest (Rampion) turbine : 43.5km
Correct viewing distance: 31cm
Number of turbine blade tips visible : 175
Number of turbine hubs visible : 175

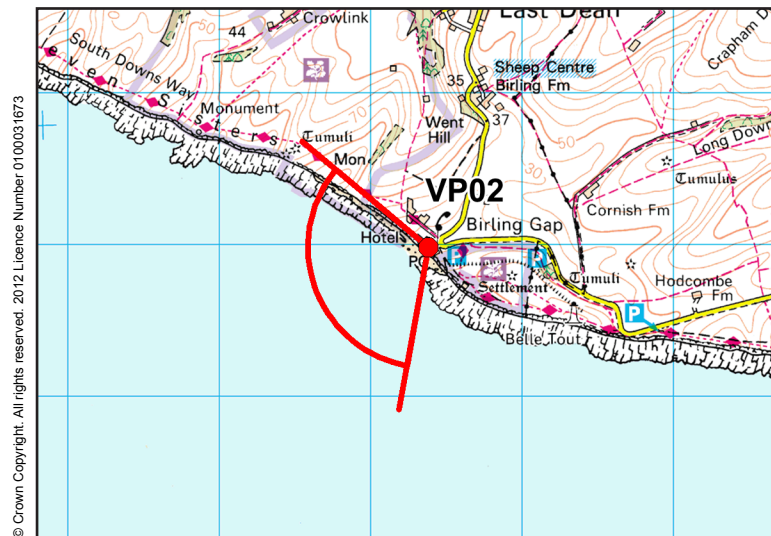


Viewpoint 1
Beachy Head Cliff Top
Existing View and Wireline
Figure 12.14

Rampion Wind Farm



Viewpoint title : Birling Gap Cliff Top
Grid reference : 555382, 095992
Direction of view : 250°
Included angle of view : 120°
Elevation : 14m
Date of photograph : 18th September 2012
Time of photograph : 10:00
Camera type and lens : Nikon D7000 digital SLR camera with a 35mm lens to achieve the same view as that of a 50mm lens on a standard 35mm film SLR camera
Camera height above ground : 1.6m
Distance to nearest (Rampion) turbine : 19.6km
Distance to furthest (Rampion) turbine : 40.4km
Correct viewing distance: 31cm
Number of turbine blade tips visible : 175
Number of turbine hubs visible : 175



Viewpoint 2
Birling Gap Cliff Top
Existing View and Wireline - Option F
Figure 12.15a

Rampion Wind Farm

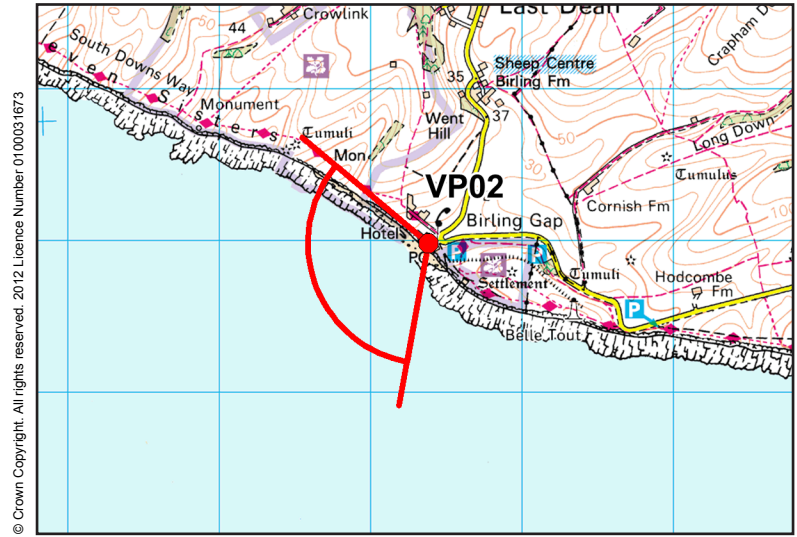
190 200 210 220 230 240 250 260 270 (West) 280 290 300 310



File Reference: P4131507 Illustration: Flexa/VP02_P4131507 al Rev: 01



Viewpoint title : Birling Gap Cliff Top
Grid reference : 555382, 095992
Direction of view : 250°
Included angle of view : 120°
Elevation : 14m
Date of photograph : 18th September 2012
Time of photograph : 10:00
Camera type and lens : Nikon D7000 digital SLR camera with a 35mm lens to achieve the same view as that of a 50mm lens on a standard 35mm film SLR camera
Camera height above ground : 1.6m
Distance to nearest (Rampion) turbine : 19.6km
Distance to furthest (Rampion) turbine : 40.4km
Correct viewing distance: 31cm



Viewpoint 2
Birling Gap Cliff Top
Photomontage View - Option F
Figure 12.15b

Rampion Wind Farm

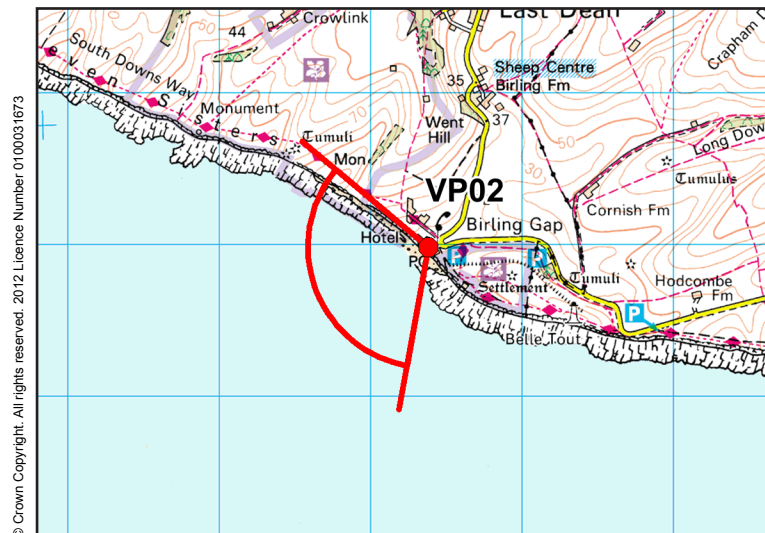
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File Reference: P4131607 Illustration: P4131607 Rev:01



Viewpoint title : Birling Gap Cliff Top
Grid reference : 555382, 095992
Direction of view : 250°
Included angle of view : 120°
Elevation : 14m
Date of photograph : 18th September 2012
Time of photograph : 10:00
Camera type and lens : Nikon D7000 digital SLR camera with a 35mm lens to achieve the same view as that of a 50mm lens on a standard 35mm film SLR camera
Camera height above ground : 1.6m
Distance to nearest (Rampion) turbine : 19.6km
Distance to furthest (Rampion) turbine : 40.4km
Correct viewing distance: 31cm

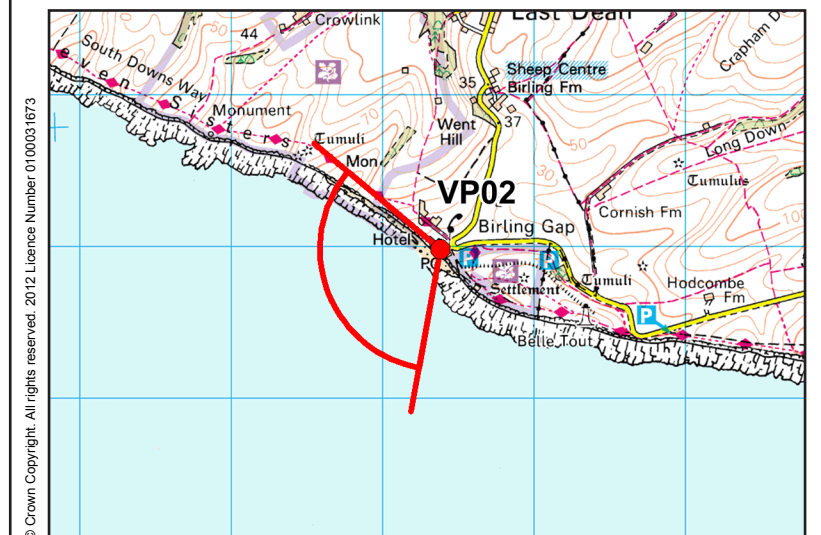


Viewpoint 2
Birling Gap Cliff Top Comparative Layout
Photomontage View - Option D
Figure 12.15c

Rampion Wind Farm



Viewpoint title : Birling Gap Cliff Top
Grid reference : 555382, 095992
Direction of view : 250°
Included angle of view : 120°
Elevation : 14m
Date of photograph : 18th September 2012
Time of photograph : 19:15
Camera type and lens : Nikon D7000 digital SLR camera with a 35mm lens to achieve the same view as that of a 50mm lens on a standard 35mm film SLR camera
Camera height above ground : 1.6m
Distance to nearest (Rampion) turbine : 19.6km
Distance to furthest (Rampion) turbine : 40.4km
Correct viewing distance: 31cm



Viewpoint 2
Birling Gap Cliff Top Comparative
Lighting Photomontage View - Option F

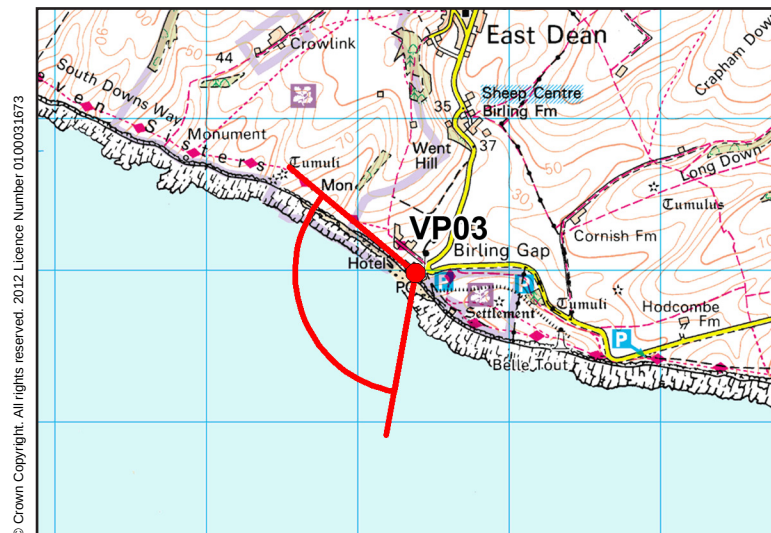
Figure 12.15d

Rampion Wind Farm



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Viewpoint title : Birling Gap Beach
Grid reference : 555375, 095989
Direction of view : 250°
Included angle of view : 120°
Elevation : 6m
Date of photograph : 18th September 2012
Time of photograph : 10:15
Camera type and lens : Nikon D7000 digital SLR camera with a 35mm lens to achieve the same view as that of a 50mm lens on a standard 35mm film SLR camera
Camera height above ground : 1.6m
Distance to nearest (Rampion) turbine : 19.6km
Distance to furthest (Rampion) turbine : 40.4km
Correct viewing distance: 31cm
Number of turbine blade tips visible : 175
Number of turbine hubs visible : 175



Viewpoint 3
Birling Gap Beach
Existing View and Wireline
Figure 12.16a

Rampion Wind Farm

190 200 210 220 230 240 250 260 270 (West) 280 290 300 310

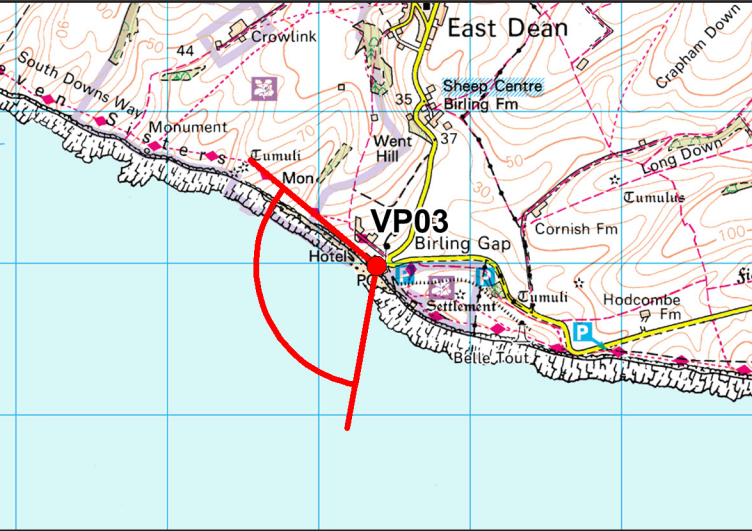


Photomontage View from Birling Gap Beach

File Reference: RA131027 Illustration Files\VP03_PN120.ai Rev:01



Viewpoint title : Birling Gap Beach
Grid reference : 555375, 095989
Direction of view : 250°
Included angle of view : 120°
Elevation : 6m
Date of photograph : 18th September 2012
Time of photograph : 10:15
Camera type and lens : Nikon D7000 digital SLR camera with a 35mm lens to achieve the same view as that of a 50mm lens on a standard 35mm film SLR camera
Camera height above ground : 1.6m
Distance to nearest (Rampion) turbine : 19.6km
Distance to furthest (Rampion) turbine : 40.4km
Correct viewing distance: 31cm



**Viewpoint 3
Birling Gap Beach
Existing View and Wireline**
Figure 12.16b

Rampion Wind Farm