



Sheringham Shoal and Dudgeon Offshore Wind Farm Extension Projects

Environmental Statement

Volume 2

Chapter 25 - Seascape and Visual Impact Assessment

August 2022

Document Reference: 6.2.25

APFP Regulation: 5(2)(a)

Title: Sheringham Shoal and Dudgeon Offshore Wind Farm Extension Projects Environmental Statement (Volume 2) Chapter 25: Seascape and Visual Impact Assessment (Part 7 of 18)	
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Prepared by: Royal HaskoningDHV	
Approved by: Sarah Chandler, Equinor	Date: August 2022

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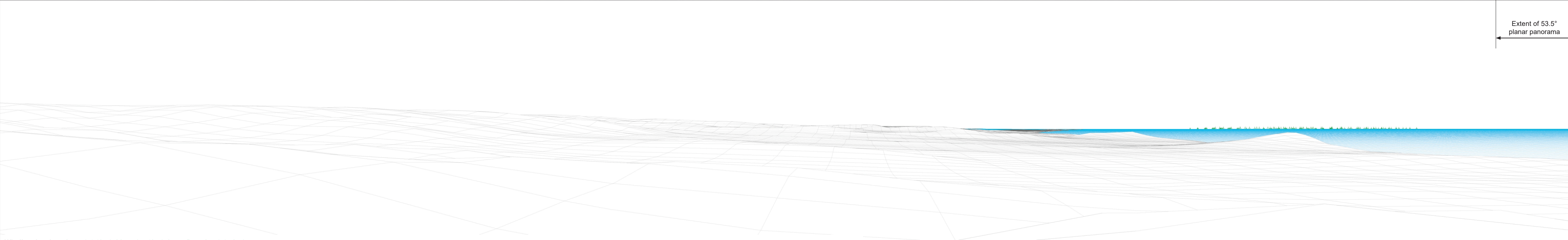
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Baseline photograph

This image provides landscape and visual context only

Extent of 53.5° planar panorama



Wireline drawing - Lynn (56.9km), Lincs (55.3km), Inner Dowsing (59.5km)



Camera Location (OS Grid Reference): 618905 E 342333 N
 Ground Level (mAOD): 69.7m
 Direction of View: bearing from North (0°): 266°
 Nearest Turbine: See above

Horizontal Field of View: 90° (Cylindrical projection)
 Paper Size: 841mm x 297mm (Half A1)
 Enlargement Factor: 96%
 Visualisation Type: Type 2

Photo Date / Time: 29/07/2020 11:30
 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS
 Lens Make, Model and Focal Length: Sigma 50mm f1.4
 Height of Camera Lens above Ground (mAOD): 1.5m

This wireframe is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The wireframe model does not allow for the screening effects of vegetation or buildings. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.



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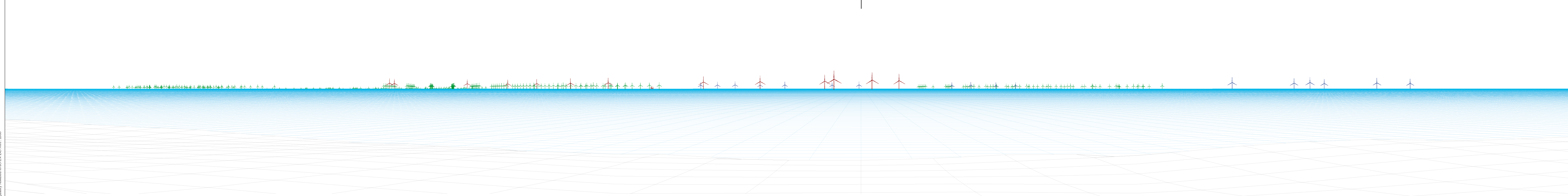
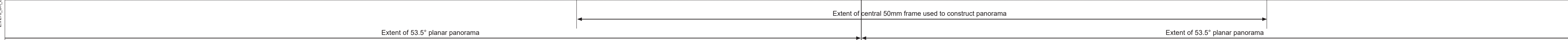
Figure 25.24
Viewpoint 4 (Left) - Ingleborough Hill
 EQUINOR DOC. NO.: G282-LD-Z-GA-00003
 RHDHV DOC. NO.: PB164_LDA_ZZ_OF_DR_Z_0071
 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG

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Baseline photograph

This image provides landscape and visual context only



Wireline drawing - Race Bank (40.4km), Triton Knoll (56.5km), Sheringham Shoal (18.6km), Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km), Dudgeon (33.1km)



Camera Location (OS Grid Reference): 618905 E 342333 N
 Ground Level (mAOD): 69.7m
 Direction of View: bearing from North (0°): 356°
 Nearest Turbine: See above

Horizontal Field of View: 90° (Cylindrical projection)
 Paper Size: 841mm x 297mm (Half A1)
 Enlargement Factor: 96%
 Visualisation Type: Type 2

Photo Date / Time: 29/07/2020 11:30
 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS
 Lens Make, Model and Focal Length: Sigma 50mm f1.4
 Height of Camera Lens above Ground (mAOD): 1.5m

This wireframe is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The wireframe model does not allow for the screening effects of vegetation or buildings. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.

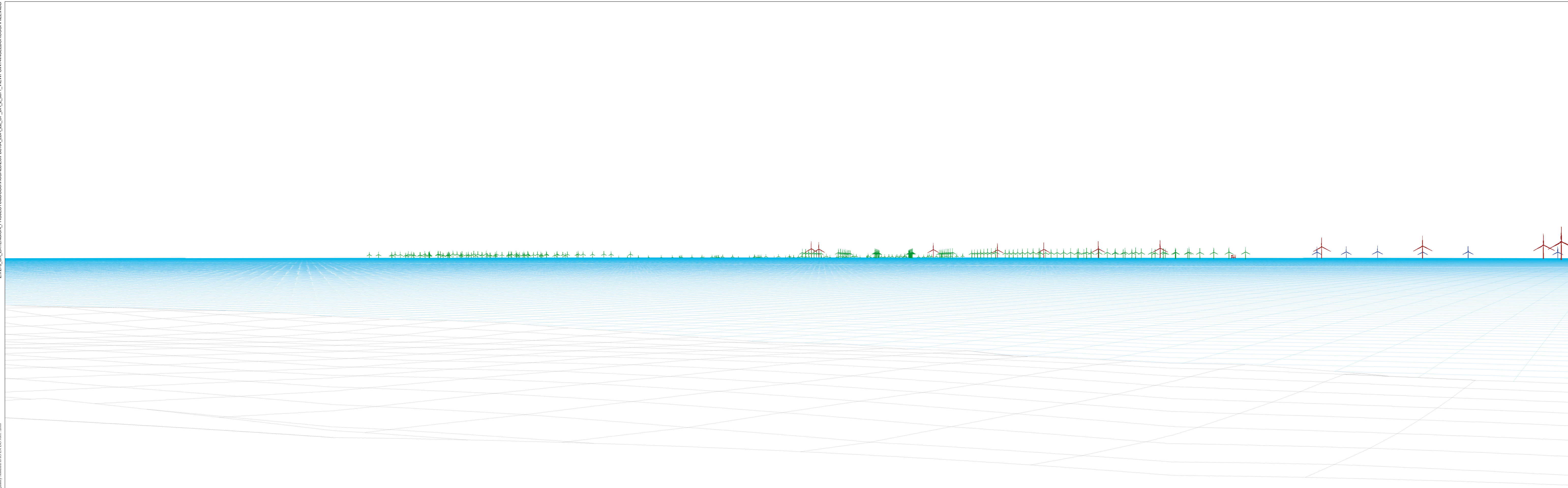


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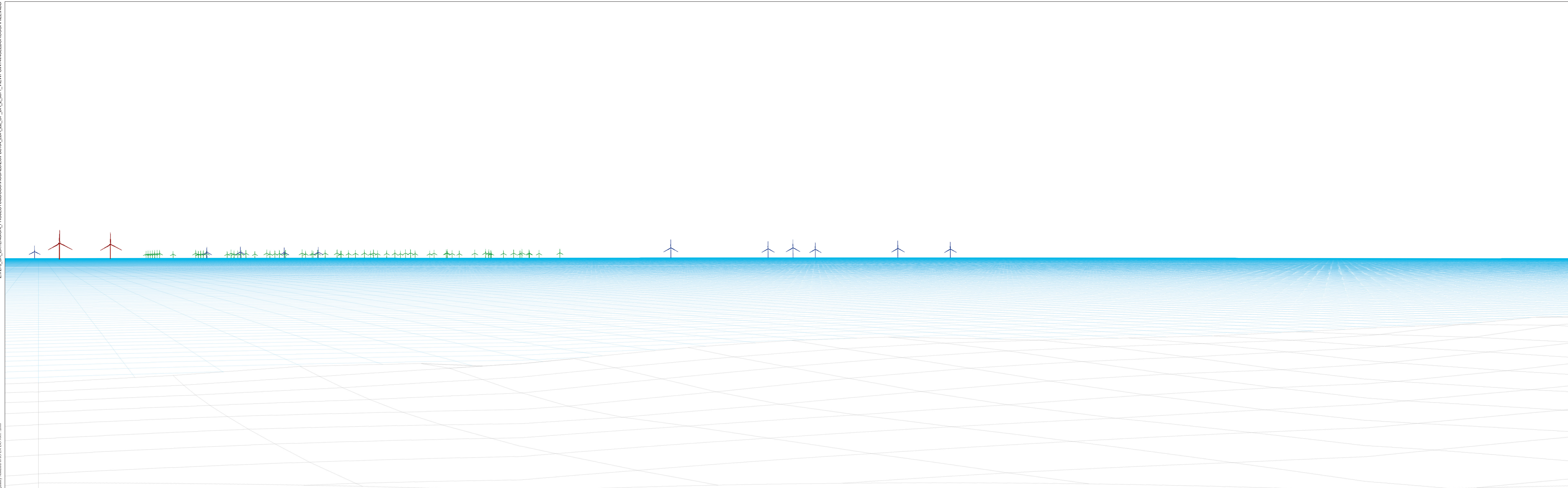
Sheringham Shoal and Dudgeon Extension Projects
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Figure 25.24
Viewpoint 4 (Right) - Incleborough Hill
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 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG



Wireline drawing - Race Bank (40.4km), Triton Knoll (56.5km), Sheringham Shoal (18.6km), Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km)

	Camera Location (OS Grid Reference): 618905 E 342333 N Ground Level (mAOD): 69.7m Direction of View: bearing from North (0°): 332.3° Nearest Turbine: See above	Horizontal Field of View: 53.5° (Planar projection) Paper Size: 841mm x 297mm (Half A1) Enlargement Factor: TBC Visualisation Type: Type 2	Photo Date / Time: 29/07/2020 11:30 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS Lens Make, Model and Focal Length: Sigma 50mm f1.4 Height of Camera Lens above Ground (mAOD): 1.5m	Hub / Blade tip height: 180m / 330m	This wireframe is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The wireframe model does not allow for the screening effects of vegetation or buildings. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.		COPYRIGHT Ordnance Survey material by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright. All rights reserved. 2020 Reference number 0100031673.		Sheringham Shoal and Dudgeon Extension Projects DOCUMENT: Environmental Statement (ES) Chapter 25 Seascape and Visual Impact Assessment APPLICATION DOC. NO.: 6.2.25	Figure 25.24 Viewpoint 4 (Left) - Inceborough Hill EQUINOR DOC. NO.: G282-LD-Z-GA-00003 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_0071 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 1 of 2
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Wireline drawing - Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km), Dudgeon (33.1km)

	Camera Location (OS Grid Reference): 618905 E 342333 N Ground Level (mAOD): 69.7m Direction of View: bearing from North (0°): 25.7° Nearest Turbine: See above	Horizontal Field of View: 53.5° (Planar projection) Paper Size: 841mm x 297mm (Half A1) Enlargement Factor: TBC Visualisation Type: Type 2	Photo Date / Time: 29/07/2020 11:30 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS Lens Make, Model and Focal Length: Sigma 50mm f1.4 Height of Camera Lens above Ground (mAOD): 1.5m	Hub / Blade tip height: 180m / 330m	This wireframe is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The wireframe model does not allow for the screening effects of vegetation or buildings. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.		COPYRIGHT Ordnance Survey material by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright. All rights reserved. 2020 Reference number 0100031673.		Sheringham Shoal and Dudgeon Extension Projects DOCUMENT: Environmental Statement (ES) Chapter 25 Seascape and Visual Impact Assessment APPLICATION DOC. NO.: 6.2.25	Figure 25.24 Viewpoint 4 (Right) - Incleborough Hill EQUINOR DOC. NO.: G282-LD-Z-GA-00003 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_0071 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 2 of 2
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Photomontage - Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km)

To be viewed at comfortable arm's length



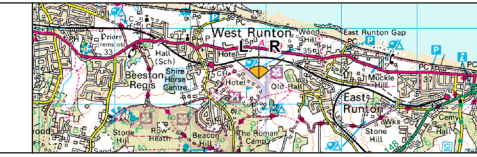
Camera Location (OS Grid Reference): 618905 E 342333 N
 Ground Level (mAOD): 69.7m
 Direction of View: bearing from North (0°): 332.3°
 Nearest Turbine: See above

Horizontal Field of View: 53.5° (Planar projection)
 Paper Size: 841mm x 297mm (Half A1)
 Enlargement Factor: TBC
 Visualisation Type: Type 3

Photo Date / Time: 29/07/2020 11:30
 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS
 Lens Make, Model and Focal Length: Sigma 50mm f1.4
 Height of Camera Lens above Ground (mAOD): 1.5m

Hub / Blade tip height: 180m / 330m

This photomontage is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.



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Figure 25.24
Viewpoint 4 (Left) - Inceborough Hill
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 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG



Photomontage - Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km)

To be viewed at comfortable arm's length



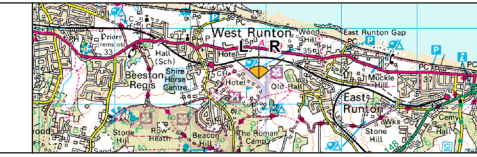
Camera Location (OS Grid Reference): 618905 E 342333 N
 Ground Level (mAOD): 69.7m
 Direction of View: bearing from North (0°): 25.7°
 Nearest Turbine: See above

Horizontal Field of View: 53.5° (Planar projection)
 Paper Size: 841mm x 297mm (Half A1)
 Enlargement Factor: TBC
 Visualisation Type: Type 3

Photo Date / Time: 29/07/2020 11:30
 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS
 Lens Make, Model and Focal Length: Sigma 50mm f1.4
 Height of Camera Lens above Ground (mAOD): 1.5m

Hub / Blade tip height: 180m / 330m

This photomontage is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.



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Figure 25.24
Viewpoint 4 (Right) - Incleborough Hill
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Photomontage - Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km)

This photomontage is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.

Camera Location (OS Grid Reference): 618905 E 342333 N
 Ground Level (mAOD): 69.7m
 Direction of View: bearing from North (0°): 350.5°
 Nearest Turbine: See above
 Hub / Blade tip height: 180m / 330m

Horizontal Field of View: 39.6° (Planar projection)
 Paper Size: 420mm x 297mm (A3)
 Enlargement Factor: TBC
 Visualisation Type: Type 3

Photo Date / Time: 29/07/2020 11:30
 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS
 Lens Make, Model and Focal Length: Sigma 50mm f1.4
 Height of Camera Lens above Ground (mAOD): 1.5m

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Baseline Photograph Night

To be viewed at comfortable arm's length



Camera Location (OS Grid Reference): 618905 E 342333 N
 Ground Level (mAOD): 69.7m
 Direction of View: bearing from North (0°): 332.3°
 Nearest Turbine: See above

Horizontal Field of View: 53.5° (Planar projection)
 Paper Size: 841mm x 297mm (Half A1)
 Enlargement Factor: TBC
 Visualisation Type: Type 1

Photo Date / Time: 29/07/2020 23:20
 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS
 Lens Make, Model and Focal Length: Sigma 50mm f1.4
 Height of Camera Lens above Ground (mAOD): 1.5m

Hub / Blade tip height: 180m / 330m

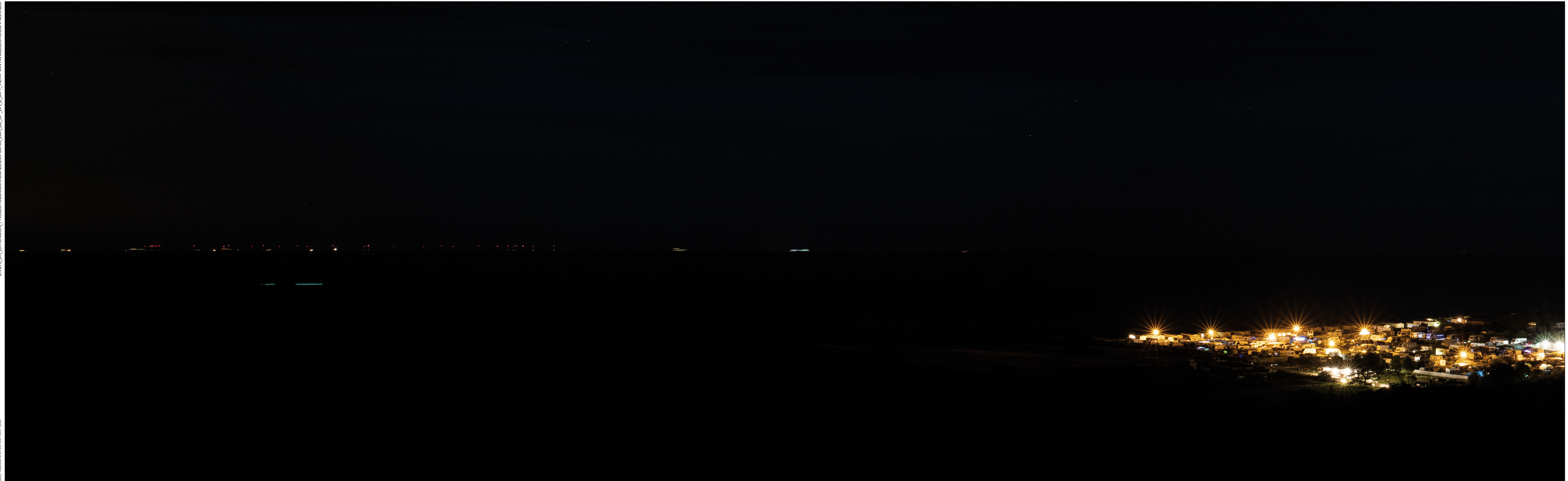


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Figure 25.24
Viewpoint 4 (Left) - Inceborough Hill
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Baseline Photograph Night

To be viewed at comfortable arm's length

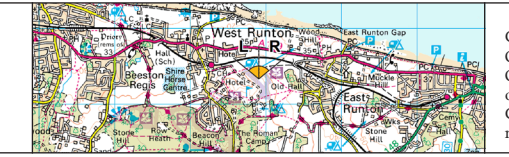


Camera Location (OS Grid Reference): 618905 E 342333 N
 Ground Level (mAOD): 69.7m
 Direction of View: bearing from North (0°): 25.7°
 Nearest Turbine: See above

Horizontal Field of View: 53.5° (Planar projection)
 Paper Size: 841mm x 297mm (Half A1)
 Enlargement Factor: TBC
 Visualisation Type: Type 1

Photo Date / Time: 29/07/2020 23:20
 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS
 Lens Make, Model and Focal Length: Sigma 50mm f1.4
 Height of Camera Lens above Ground (mAOD): 1.5m

Hub / Blade tip height: 180m / 330m



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Figure 25.24
Viewpoint 4 (Right) - Incleborough Hill Sheet 2 of 2
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Photomontage Night - Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km)

To be viewed at comfortable arm's length

	Camera Location (OS Grid Reference): 618905 E 342333 N Ground Level (mAOD): 69.7m Direction of View: bearing from North (0°): 332.3° Nearest Turbine: See above	Horizontal Field of View: 53.5° (Planar projection) Paper Size: 841mm x 297mm (Half A1) Enlargement Factor: TBC Visualisation Type: Type 3	Photo Date / Time: 29/07/2020 23:20 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS Lens Make, Model and Focal Length: Sigma 50mm f1.4 Height of Camera Lens above Ground (mAOD): 1.5m	Hub / Blade tip height: 180m / 330m	This photomontage is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.		COPYRIGHT Ordnance Survey material by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright. All rights reserved. 2020 Reference number 0100031673.		Sheringham Shoal and Dudgeon Extension Projects DOCUMENT: Environmental Statement (ES) Chapter 25 Seascape and Visual Impact Assessment APPLICATION DOC. NO.: 6.2.25	Figure 25.24 Viewpoint 4 (Left) - Inleborough Hill EQUINOR DOC. NO.: C282-LD-Z-GA-00003 RHDHV DOC. NO.: PB164_LDA_ZZ_OF_DR_Z_0071 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 1 of 2
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Photomontage Night - Sheringham Shoal Extension Project (17.2km), Dudgeon Extension Project (28.3km)

To be viewed at comfortable arm's length

	Camera Location (OS Grid Reference): 618905 E 342333 N Ground Level (mAOD): 69.7m Direction of View: bearing from North (0°): 25.7° Nearest Turbine: See above	Horizontal Field of View: 53.5° (Planar projection) Paper Size: 841mm x 297mm (Half A1) Enlargement Factor: TBC Visualisation Type: Type 3	Photo Date / Time: 29/07/2020 23:20 Camera Model and Sensor Format: Canon EOS 6D Mark II, FFS Lens Make, Model and Focal Length: Sigma 50mm f1.4 Height of Camera Lens above Ground (mAOD): 1.5m	Hub / Blade tip height: 180m / 330m	This photomontage is based upon OSTerrain50 data with spot heights at 50m intervals and does not precisely model small scale changes in landform or sharp breaks in slope. The model of turbine shown is similar to that proposed for the development. LAT has been approximated at -2.7m MSL across the development site.		COPYRIGHT Ordnance Survey material by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright. All rights reserved. 2020 Reference number 0100031673.		Sheringham Shoal and Dudgeon Extension Projects DOCUMENT: Environmental Statement (ES) Chapter 25 Seascape and Visual Impact Assessment APPLICATION DOC. NO.: 6.2.25	Figure 25.24 Viewpoint 4 (Right) - Incleborough Hill EQUINOR DOC. NO.: C282-LD-Z-GA-00003 RHDHV DOC. NO.: PB164_LDA_ZZ_OF_DR_Z_0071 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 2 of 2
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