



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 Figures (Part 13 of 18)	
PINS Document No.: 6.2.25	
Document No.: C282-RH-Z-GA-00003	
Date: August 2022	
Classification: Final	
Prepared by: Royal HaskoningDHV	
Approved by: Sarah Chandler, Equinor	Date: August 2022

List of Figures

Figure 25.32 Viewpoint 12 – Burham Harbour (Gun Hill)

Figure 25.33 Viewpoint 13 – Gallow Hill (South of Wells)

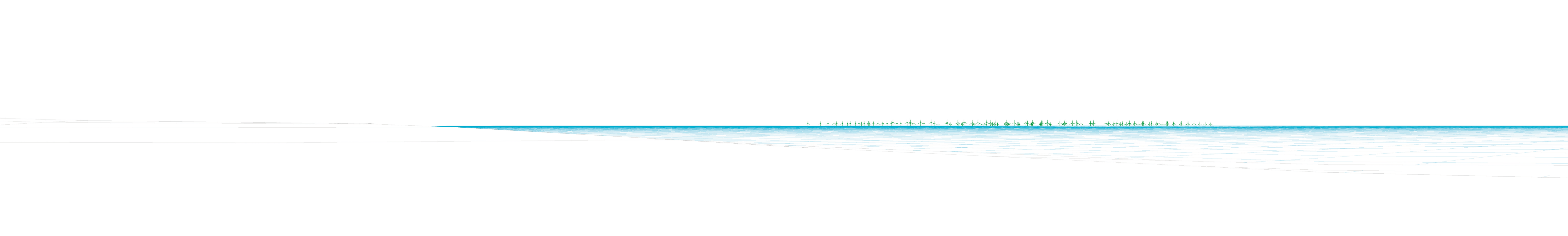
Z:\7273_LIN_EXTENSION_PROJECTS\6003\VISUAL_SESS\PB164_LDA_ZZ_OF_DR_Z_0079_VIEWPOINT12BURHAMHARBOR\JRG\IN\HLLINDO

© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001:2015



Baseline photograph

This image provides landscape and visual context only



Wireline drawing - Lynn (25.8km), Lincs (25.0km), Inner Dowsing (29.5km)

	Camera Location (OS Grid Reference): 585775 E 345899 N Ground Level (mAOD): 8.0m Direction of View: bearing from North (0°): 303° 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: 25/10/2020 11:47 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.		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 25.32 Viewpoint 12 (Left) - Burham Harbour (Gun Hill) EQUINOR DOC. NO.: G282-LD-Z-GA-00003 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_0079 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 1 of 2
--	---	--	---	--	--	---	--	--	--	--------------

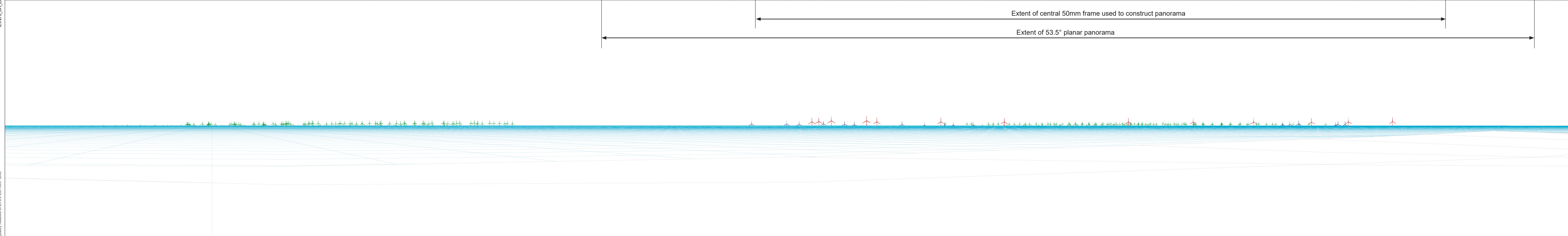
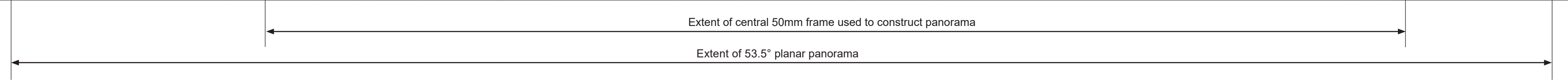
Z:\7273_LK_EXTENSION_PROJECTS\600\VISUAL\SES\PB164_LDA_ZZ_OF_DR_Z_0079_VIEWPOINT\2BURHAMHARBOR\JRG\JNH\LLINDO

© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001:2015



Baseline photograph

This image provides landscape and visual context only



Wireline drawing - Triton Knoll (49.5km), Race Bank (28.5km), Dudgeon Extension Project (48.3km), Sheringham Shoal Extension Project (31.0km), Sheringham Shoal (28.2km), Dudgeon (48.7km)

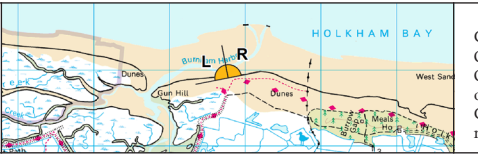


Camera Location (OS Grid Reference): 585775 E 345899 N
 Ground Level (mAOD): 8.0m
 Direction of View: bearing from North (0°): 393°
 Nearest Turbine: See above

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

Photo Date / Time: 25/10/2020 11:47
 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.

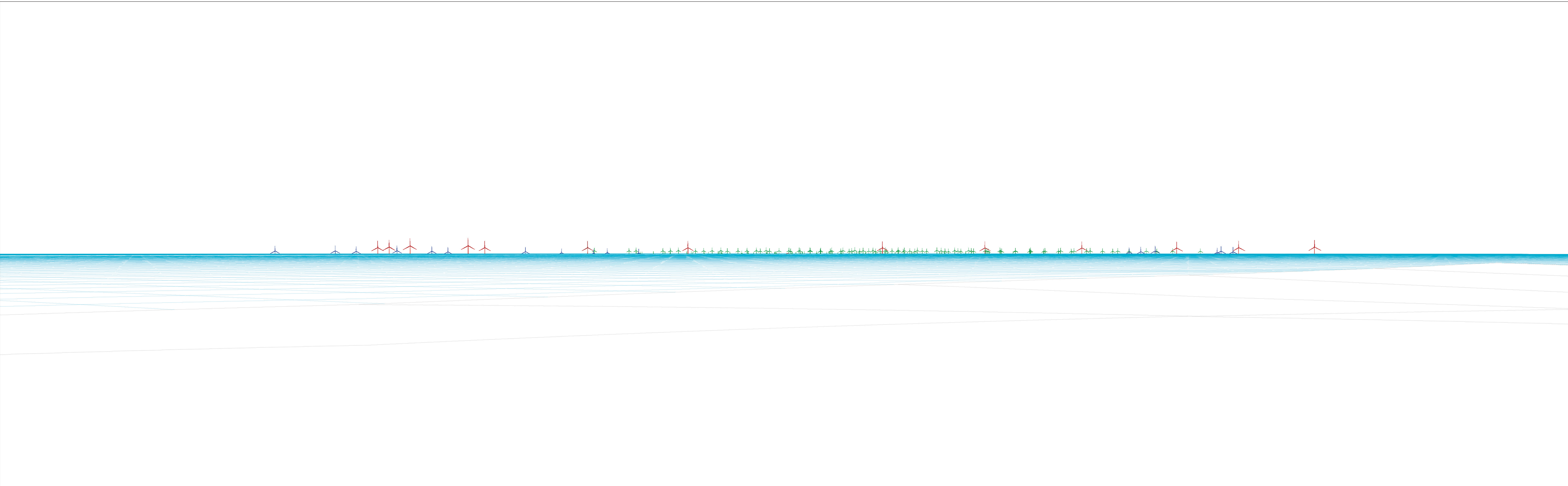


COPYRIGHT
 Ordnance Survey material by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright. All rights reserved. 2020 Reference number 0100031673.



Sheringham Shoal and Dudgeon Extension Projects
 DOCUMENT: Environmental Statement (ES)
 Chapter 25 Seascape and Visual Impact Assessment
 APPLICATION DOC. NO.: 6.2.25

Figure 25.32
Viewpoint 12 (Right) - Burham Harbour (Gun Hill)
 EQUINOR DOC. NO.: G282-LD-Z-GA-00003
 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_0079
 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG



Wireline drawing - Dudgeon Extension Project (48.3km), Sheringham Shoal Extension Project (31.0km), Sheringham Shoal (28.2km), Dudgeon (48.7km)

	Camera Location (OS Grid Reference): 585775 E 345899 N Ground Level (mAOD): 8.0m Direction of View: bearing from North (0°): 49° 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: 25/10/2020 11:47 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 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 25.32 Viewpoint 12 - Burham Harbour (Gun Hill) EQUINOR DOC. NO.: G282-LD-Z-GA-00003 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_0079 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 1 of 1
	© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001:2008										

27273_LIK_EXTENSION_PROJECTS60CSVISUAL_SESPB164_LDA_ZZ_OF_DR_Z_0079_VIEWPOINT12BURHAMHARBORURGINHILLINDO



Photomontage - Dudgeon Extension Project (48.3km), Sheringham Shoal Extension Project (31.0km)

To be viewed at comfortable arm's length



Camera Location (OS Grid Reference):	585775 E 345899 N	Horizontal Field of View:	53.5° (Planar projection)
Ground Level (mAOD):	8.0m	Paper Size:	841mm x 297mm (Half A1)
Direction of View: bearing from North (0°):	49°	Enlargement Factor:	TBC
Nearest Turbine:	See above	Visualisation Type:	Type 3

Photo Date / Time:	25/10/2020 11:47
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 25.32	Viewpoint 12 - Burham Harbour (Gun Hill)	Sheet 1 of 1
EQUINOR DOC. NO.:	C282-LD-Z-GA-00003	
RHDHV DOC. NO.:	PB8164_LDA_ZZ_OF_DR_Z_0079	
REV: A	DATE: 05/07/2022	STATUS: First Issue
DRW: VW	CHK: NA	APR: CG

Z:\2723_LIN_EXTENSION_PROJECTS\600CS\VISUALISATION\SS\PB164_LDA_ZZ_OF_DR_Z_080_VIEWPOINT13\GALLOWHILLSOUTHORWELLS\INDO

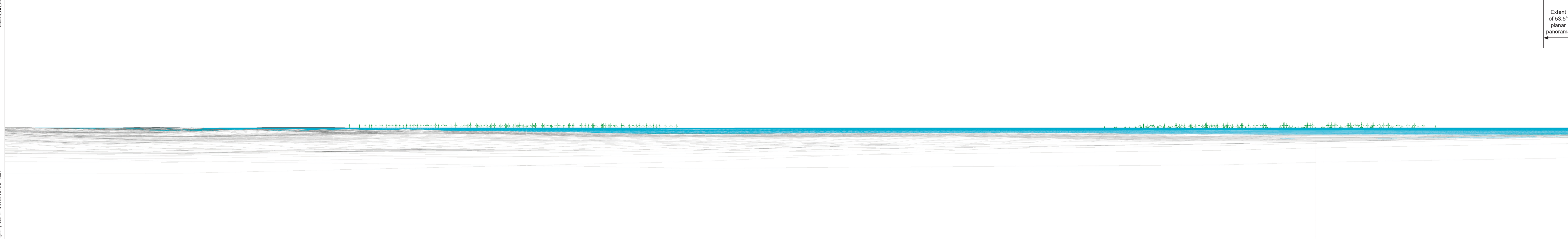
© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001:2008



Baseline photograph

This image provides landscape and visual context only

Extent of 53.5° planar panorama



Wireline drawing - Lynn (33.0km), Lincs (32.2km), Inner Dowsing (36.7km), Triton Knoll (52.9km), Race Bank (31.9km)

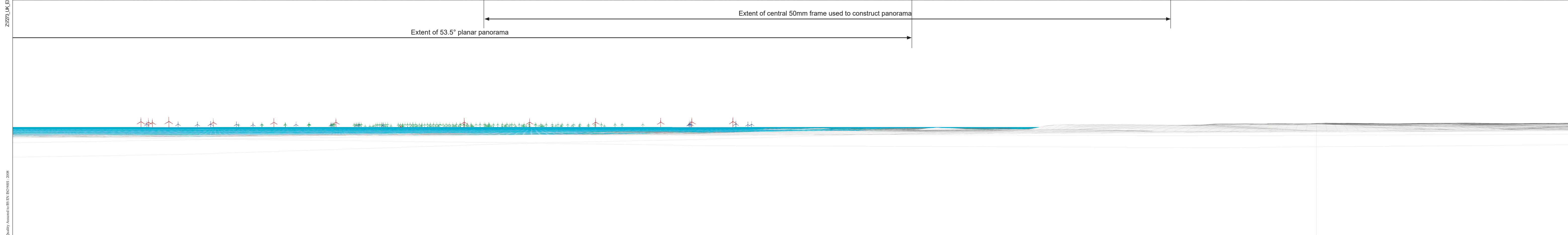
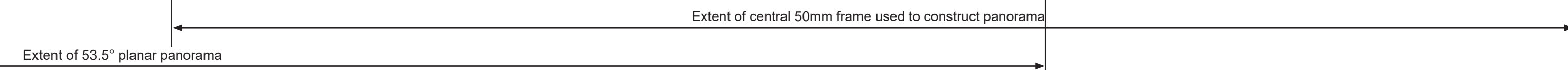
	Camera Location (OS Grid Reference): 591609 E 341625 N Ground Level (mAOD): 45.7m Direction of View: bearing from North (0°): 330° Nearest Turbine: See above	Horizontal Field of View: 90° (Cylindrical projection) Paper Size: 841mm x 297mm (Half A1) Enlargement Factor: 96% Visualisation Type: Type 2	Photo Date / Time: 15/10/2020 14:24 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.		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 25.33 Viewpoint 13 (Left) - Gallow Hill (South of Wells) EQUINOR DOC. NO.: G282-LD-Z-GA-00003 RHDHV DOC. NO.: PB164_LDA_ZZ_OF_DR_Z_0080 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 1 of 2
--	--	--	---	--	--	---	--	--	--	--------------

Z:\2023_UK_EXTENSION_PROJECTS\600CS\VISUALISATION\PB8164_LDA_ZZ_OF_DR_Z_000_VIEWPOINT13GALLOWHILLSOUTHOFWELLS.NDD



Baseline photograph

This image provides landscape and visual context only



Wireline drawing - Sheringham Shoal Extension Project (31.8km), Dudgeon Extension Project (46.6km), Sheringham Shoal (27.1km), Dudgeon (47.8km)

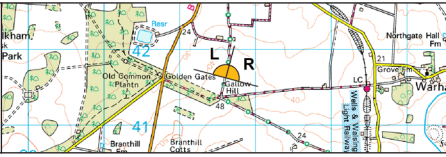


Camera Location (OS Grid Reference): 591609 E 341625 N
 Ground Level (mAOD): 45.7m
 Direction of View: bearing from North (0°): 60°
 Nearest Turbine: See above

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

Photo Date / Time: 15/10/2020 14:24
 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.



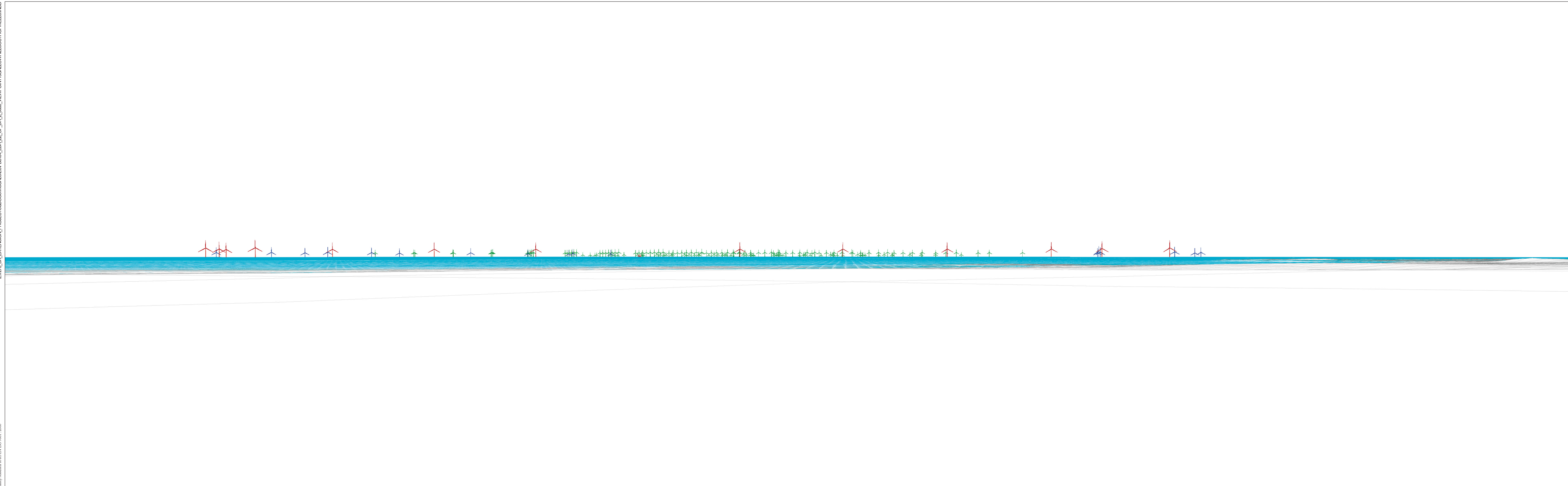
COPYRIGHT
 Ordnance Survey material by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown Copyright. All rights reserved. 2020 Reference number 0100031673.



Sheringham Shoal and Dudgeon Extension Projects
 DOCUMENT: Environmental Statement (ES)
 Chapter 25 Seascape and Visual Impact Assessment
 APPLICATION DOC. NO.: 6.2.25

Figure 25.33
Viewpoint 13 (Right) - Gallow Hill (South of Wells)
 EQUINOR DOC. NO.: G282-LD-Z-GA-00003
 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_0080
 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG

Z:\2723_LUK_EXTENSION_PROJECTS\60CS\VISUALISATION\PB8164_LDA_ZZ_OF_DR_Z_080_VIEWPOINT13\GALLOWHILLSOUTHOFWELLS.NDD



Wireline drawing - Sheringham Shoal Extension Project (31.8km), Dudgeon Extension Project (46.6km), Sheringham Shoal (27.1km), Dudgeon (47.8km)

	Camera Location (OS Grid Reference): 591609 E 341625 N Ground Level (mAOD): 45.7m Direction of View: bearing from North (0°): 43° 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: 15/10/2020 14:24 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 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 25.33 Viewpoint 13 - Gallow Hill (South of Wells) EQUINOR DOC. NO.: G282-LD-Z-GA-00003 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_0080 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 1 of 1
	© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001:2008										

27273_UK_EXTENSION_PROJECTS600CSVISUALISATION_P8164_LDA_ZZ_OF_DR_Z_080_VIEWPOINT13GALLOWHILLSOUTHOFWELLS.NDD



Photomontage - Sheringham Shoal Extension Project (31.8km), Dudgeon Extension Project (46.6km)

To be viewed at comfortable arm's length

	Camera Location (OS Grid Reference): 591609 E 341625 N Ground Level (mAOD): 45.7m Direction of View: bearing from North (0°): 43° 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: 15/10/2020 14:24 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 25.33 Viewpoint 13 - Gallow Hill (South of Wells) EQUINOR DOC. NO.: G282-LD-Z-GA-00003 RHDHV DOC. NO.: PB8164_LDA_ZZ_OF_DR_Z_080 REV: A DATE: 05/07/2022 STATUS: First Issue DRW: VW CHK: NA APR: CG	Sheet 1 of 1
	© LDA Design Consulting Ltd. Quality Assured to BS EN ISO 9001:2008										