

KOP: Harris Beach | Season: Spring | Time of Day: Morning

Base Photographic Documentation

Date (MM/DD/YYYY):	3/31/2023
Time (24hr):	9:23
GPS Longitude:	-124.3131612
GPS Latitude:	42.06839717
Viewpoint Elevation (ft):	243.1102
Camera Height (ft):	5.41
Camera Heading:	W

Turbine Information

Distance to Nearest Turbine (Miles):	22.73
Number of Turbines:	262
Hub Height (ft):	725
Support Structure Height (ft):	106
Rotor Diameter (ft):	935
Total Height to Tip of Blade (ft):	1,171

Image Preview



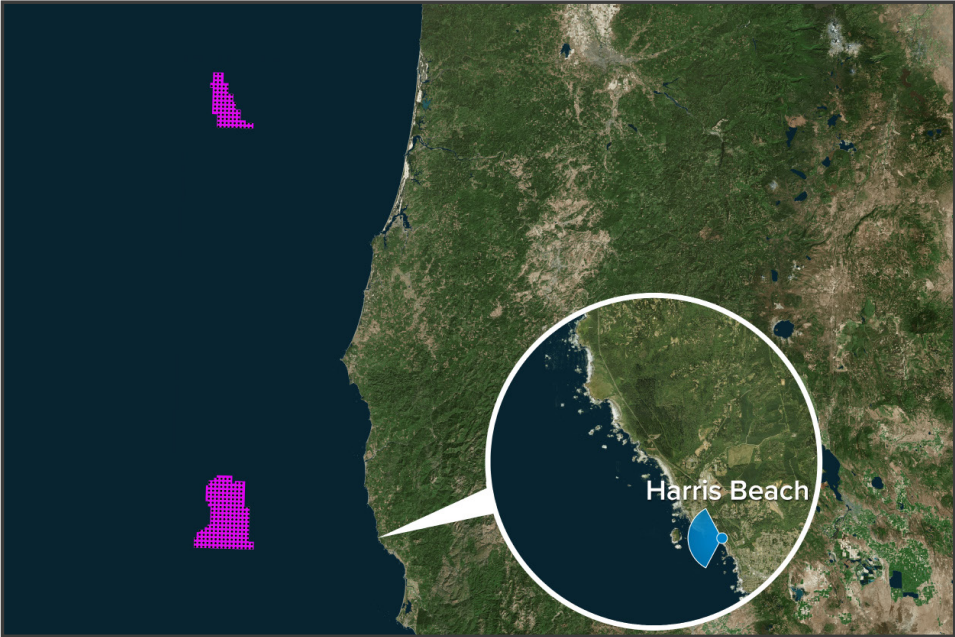
Camera Information

Camera Make & Model:	Canon EOS 5DS R
Camera Sensor Size:	36mm x 24mm
Lens Make & Model:	Sigma F1.4 DG HSM A017
Lens Focal Length:	20mm
Field of View:	65.47ø (H) / 46.397ø (V)

Sun, Sky, and Weather Information

Sun Azimuth:	124.61
Sun Elevation:	34.38
Lighting Angle (On Turbines):	Left Lit
Weather Conditions:	Overcast
Predicted Visibility (Miles):	18.29
Temperature (°F):	48
Temperature (°C):	9
Humidity (%):	74
SQM Reading:	N/A

Context Map



Viewing Instructions

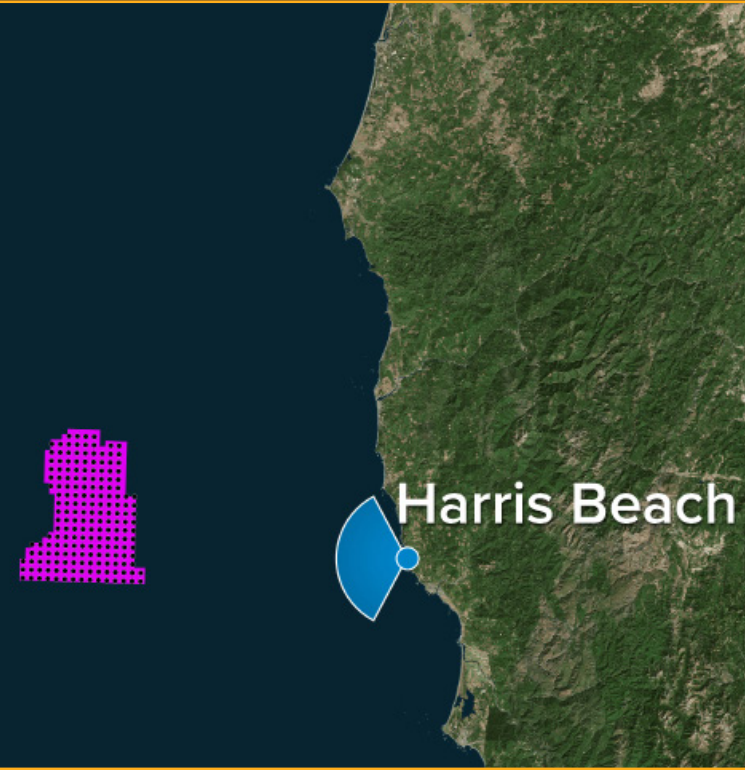
For 11 x 17 inch Printed Display:	Viewing distance is 19.7 inches (500 mm)
For On-Screen Display:	Viewing distance is 19.7 inches (500 mm)





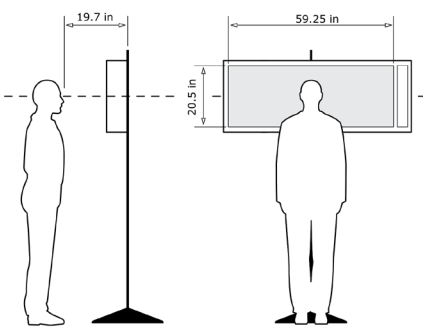
Harris Beach, Morning, Heading W - Existing View

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 3/31/2023 at 9:23  
Horizontal Field of View: 124°  
Vertical Field of View: 55°

CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS



NOTES:  
Viewpoint locations have been precision surveyed by  
**Surveyor**  
Westland Resources  
Engineering & Environmental Services Inc.  
Portland, OR  
(971) 256-0046  
Heights are above mean sea level.  
Structure design and placement are subject to final engineering.  
No part of this photo simulation shall be altered in any way.

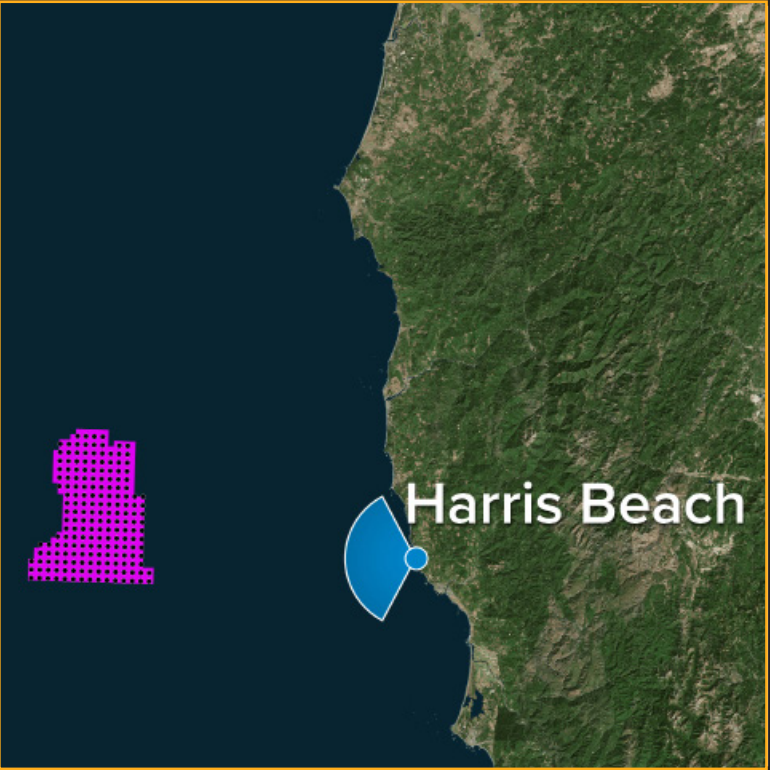
Photo Simulation Created Using  
TrueView™ Technology  
(Patent No.: US 6,184,906 B2)  
Provided by





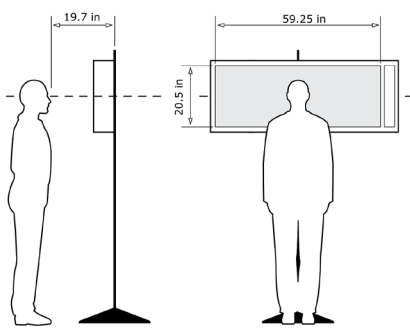
Harris Beach, Morning, Heading W - **Proposed View** - Predicted Visibility

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 3/31/2023 at 9:23  
Horizontal Field of View: 124°  
Vertical Field of View: 55°

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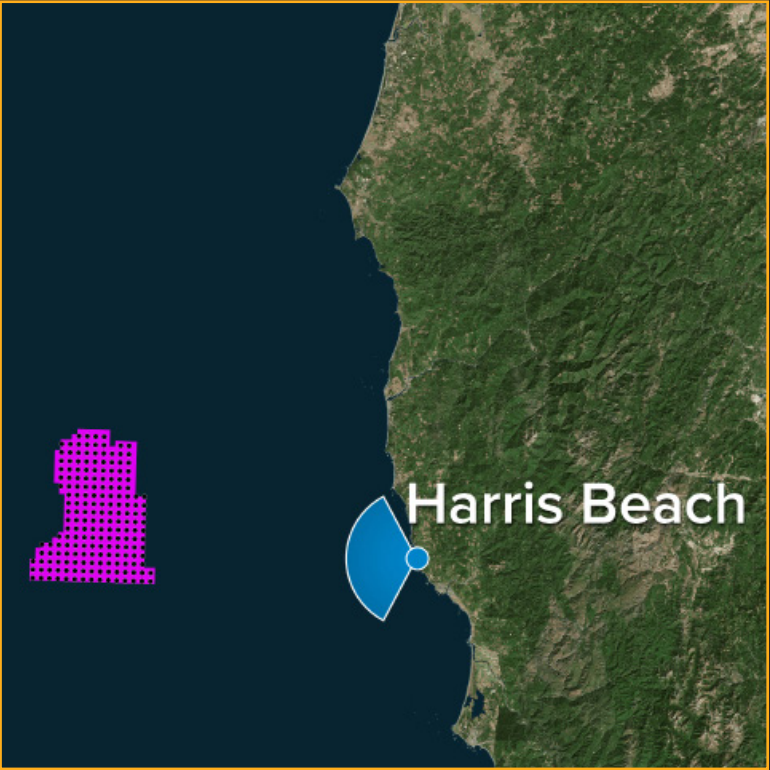
For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches





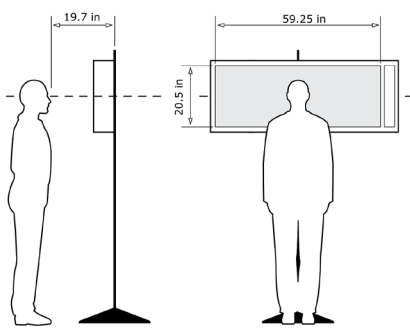
Harris Beach, Morning, Heading W - **Proposed View - Maximum Visibility**

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



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Height of Camera Above Ground: 5.41 ft  
Date of Photography: 3/31/2023 at 9:23  
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Vertical Field of View: 55°

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3/31/2023 at 9:23 -05P1





For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



KOP: Harris Beach | Season: Winter | Time of Day: Noon

Base Photographic Documentation

Date (MM/DD/YYYY):	3/15/2023
Time (24hr):	12:57
GPS Longitude:	-124.3131612
GPS Latitude:	42.06839717
Viewpoint Elevation (ft):	243.1102
Camera Height (ft):	5.41
Camera Heading:	W

Turbine Information

Distance to Nearest Turbine (Miles):	22.73
Number of Turbines:	262
Hub Height (ft):	725
Support Structure Height (ft):	106
Rotor Diameter (ft):	935
Total Height to Tip of Blade (ft):	1,171

Image Preview



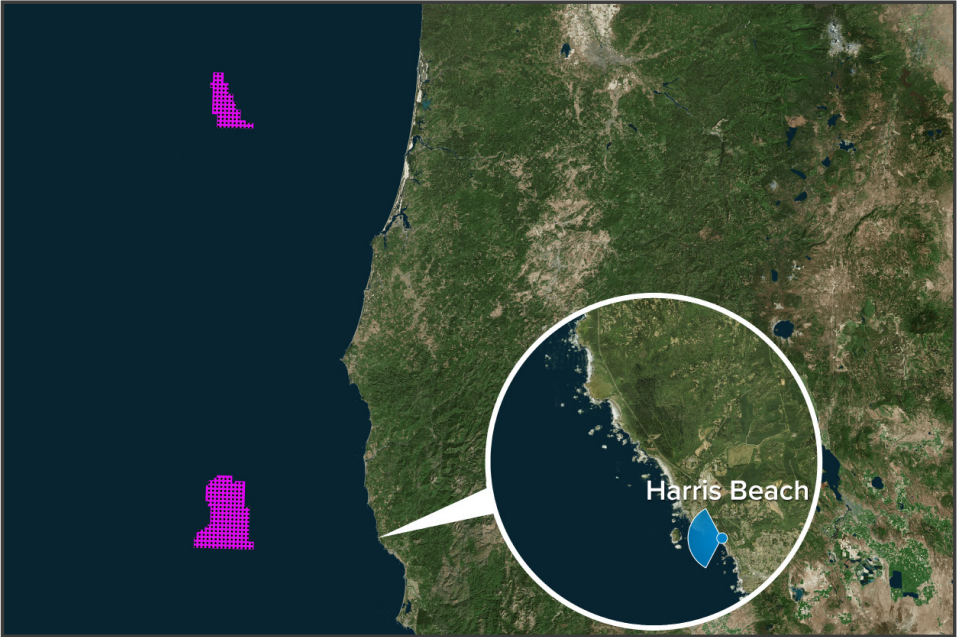
Camera Information

Camera Make & Model:	Canon EOS 5DS R
Camera Sensor Size:	36mm x 24mm
Lens Make & Model:	Sigma F1.4 DG HSM A017
Lens Focal Length:	20mm
Field of View:	65.47ø (H) / 46.397ø (V)

Sun, Sky, and Weather Information

Sun Azimuth:	192.62
Sun Elevation:	41.79
Lighting Angle (On Turbines):	Top-Left Lit
Weather Conditions:	Fair
Predicted Visibility (Miles):	19.70
Temperature (°F):	50
Temperature (°C):	10
Humidity (%):	71
SQM Reading:	N/A

Context Map



Viewing Instructions

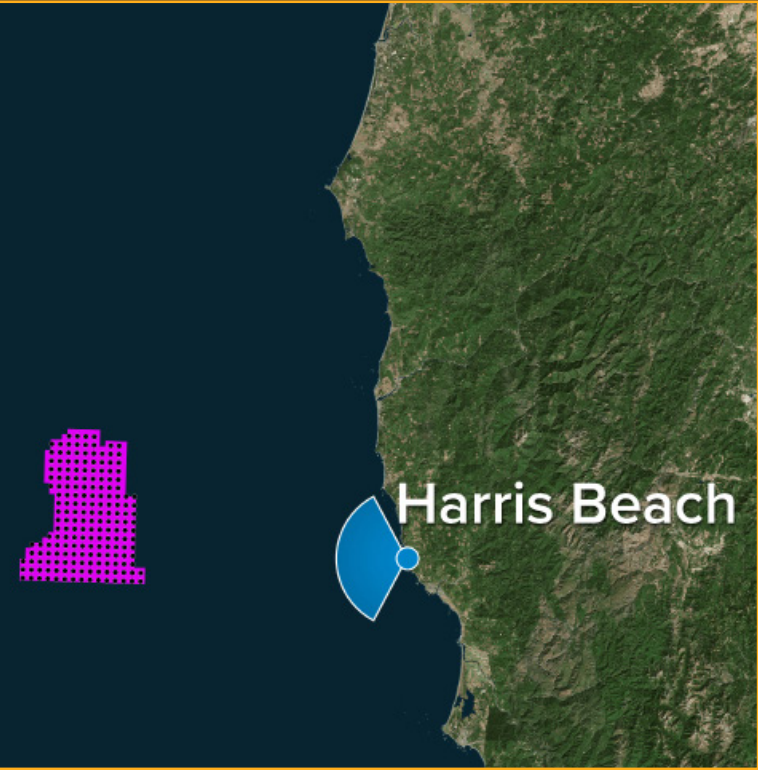
For 11 x 17 inch Printed Display:	Viewing distance is 19.7 inches (500 mm)
For On-Screen Display:	Viewing distance is 19.7 inches (500 mm)





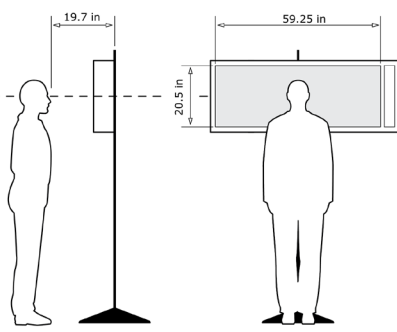
Harris Beach, Noon, Heading W - Existing View

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 3/15/2023 at 12:57  
Horizontal Field of View: 124°  
Vertical Field of View: 55°

CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS



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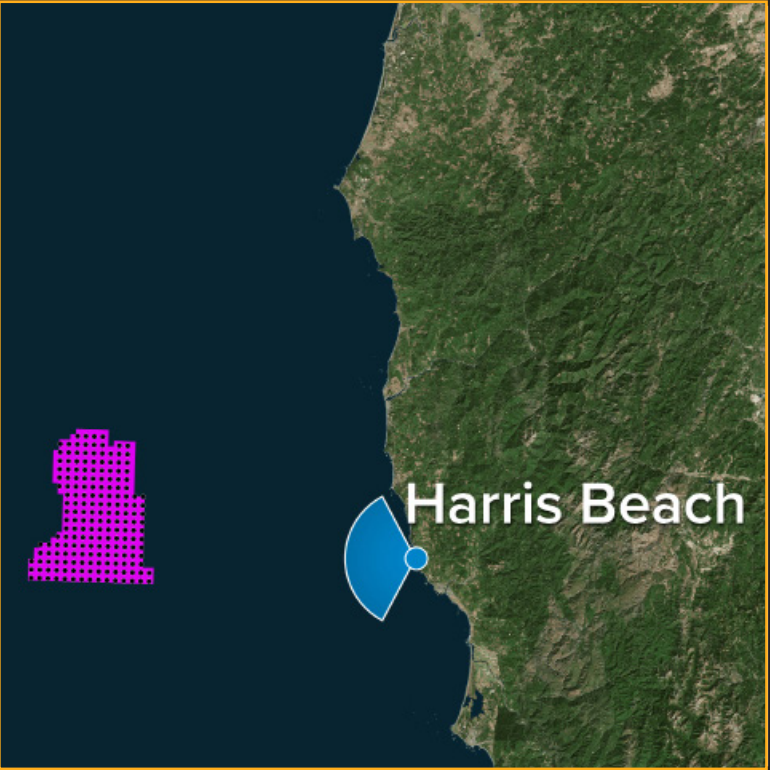
3/15/2023 at 12:57 - 403° 1





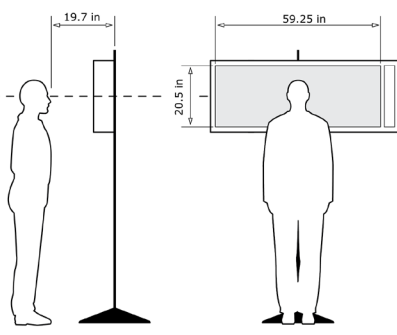
Harris Beach, Noon, Heading W - **Proposed View** - Predicted Visibility

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 3/15/2023 at 12:57  
Horizontal Field of View: 124°  
Vertical Field of View: 55°

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3/15/2023 at 12:57 - 403P1





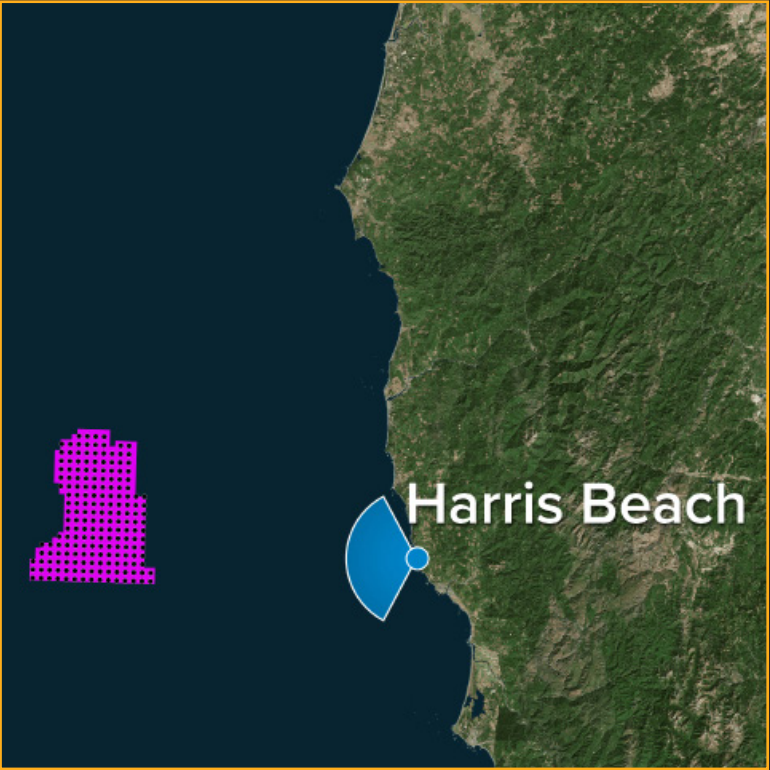
For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches





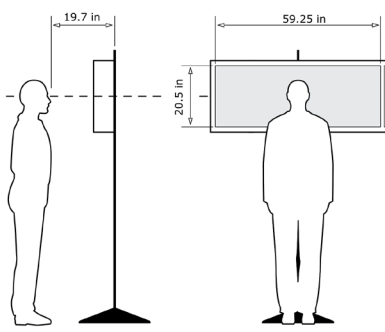
Harris Beach, Noon, Heading W - **Proposed View** - Maximum Visibility

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 3/15/2023 at 12:57  
Horizontal Field of View: 124'  
Vertical Field of View: 55'

CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS



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(Patent No.: US 8,184,906 B2)

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3/15/2023 at 12:57 - 403P1





For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



KOP: Harris Beach | Season: Spring | Time of Day: Afternoon

Base Photographic Documentation

Date (MM/DD/YYYY):	4/11/2023
Time (24hr):	15:51
GPS Longitude:	-124.3131612
GPS Latitude:	42.06839717
Viewpoint Elevation (ft):	243.1102
Camera Height (ft):	5.41
Camera Heading:	W

Camera Information

Camera Make & Model:	Canon EOS 5DS R
Camera Sensor Size:	36mm x 24mm
Lens Make & Model:	Sigma F1.4 DG HSM A017
Lens Focal Length:	20mm
Field of View:	65.47ø (H) / 46.397ø (V)

Viewing Instructions

For 11 x 17 inch Printed Display:	Viewing distance is 19.7 inches (500 mm)
For On-Screen Display:	Viewing distance is 19.7 inches (500 mm)

Turbine Information

Distance to Nearest Turbine (Miles):	22.73
Number of Turbines:	262
Hub Height (ft):	725
Support Structure Height (ft):	106
Rotor Diameter (ft):	935
Total Height to Tip of Blade (ft):	1,171

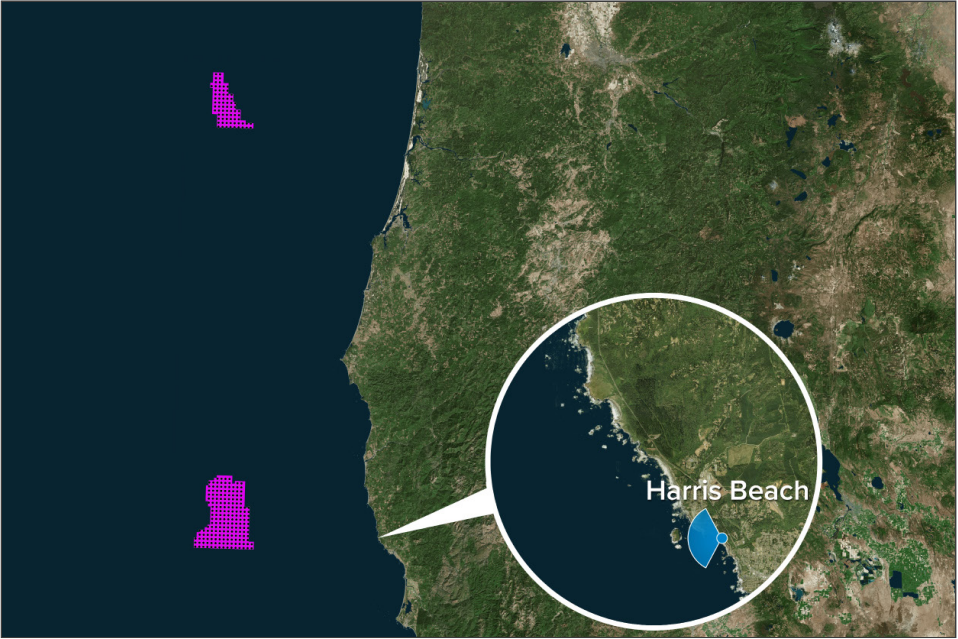
Sun, Sky, and Weather Information

Sun Azimuth:	249.49
Sun Elevation:	30.31
Lighting Angle (On Turbines):	Top-Left Lit
Weather Conditions:	Fair
Predicted Visibility (Miles):	23.13
Temperature (°F):	52
Temperature (°C):	11
Humidity (%):	63
SQM Reading:	N/A

Image Preview



Context Map



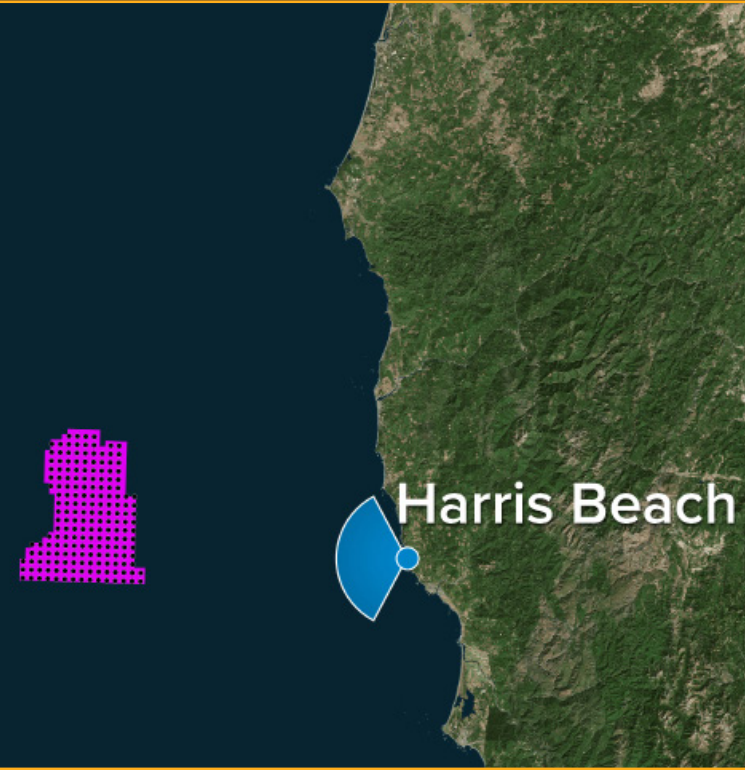
● Key Observation Point (KOP) ● Turbines





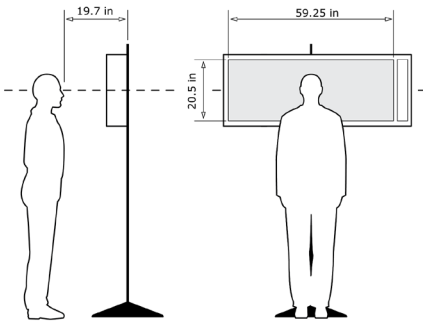
Harris Beach, Afternoon, Heading W - **Existing View**

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 4/11/2023 at 15:51  
Horizontal Field of View: 124°  
Vertical Field of View: 55°

CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS



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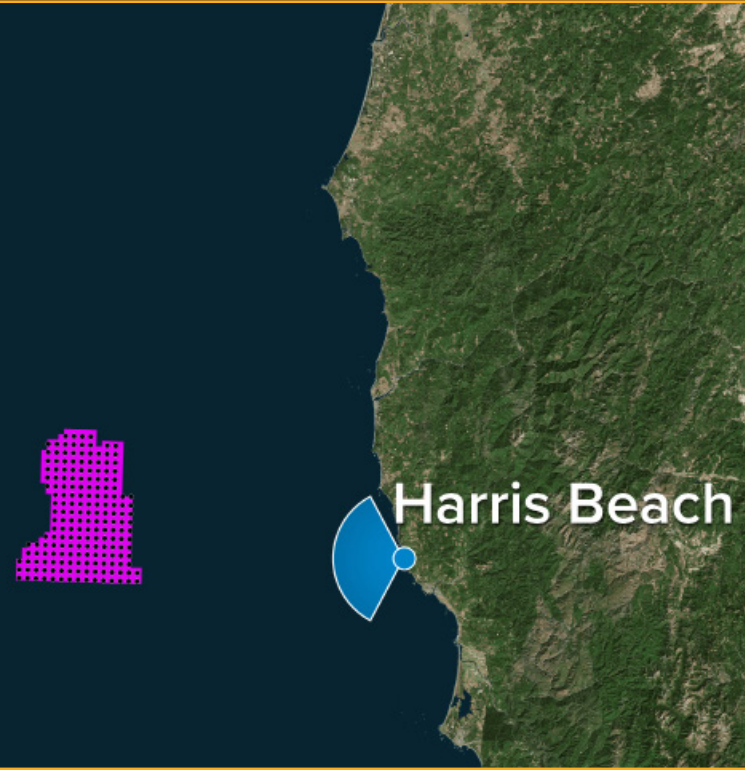
Photo Simulation Created Using  
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Provided by





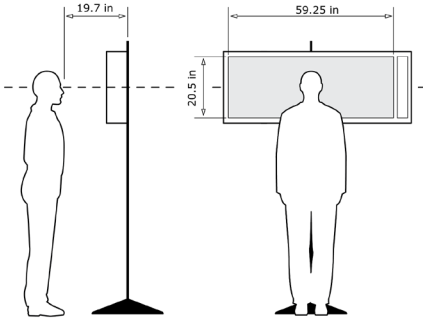
Harris Beach, Afternoon, Heading W - **Proposed View - Predicted Visibility**

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 4/11/2023 at 15:51  
Horizontal Field of View: 124°  
Vertical Field of View: 55°

CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS



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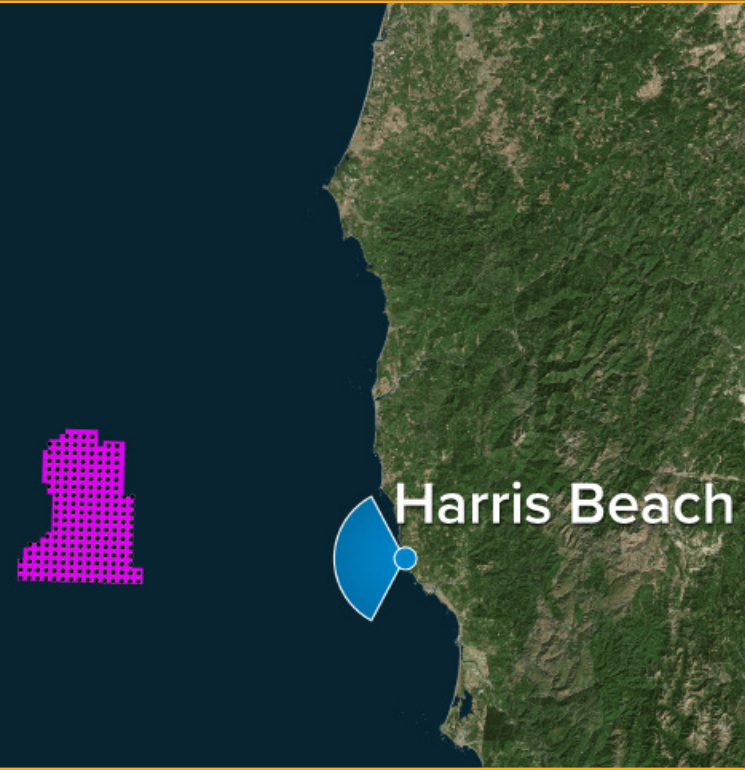
For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches





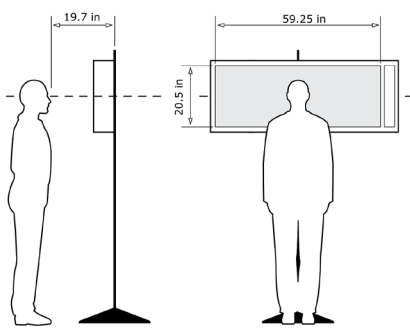
Harris Beach, Afternoon, Heading W - **Proposed View - Maximum Visibility**

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



Latitude: 42.06839717  
Longitude: -124.3131612  
Elevation of Viewpoint Position: 243.1102  
Height of Camera Above Ground: 5.41 ft  
Date of Photography: 4/11/2023 at 15:51  
Horizontal Field of View: 124°  
Vertical Field of View: 55°

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For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches



KOP: Harris Beach | Season: Spring | Time of Day: Night

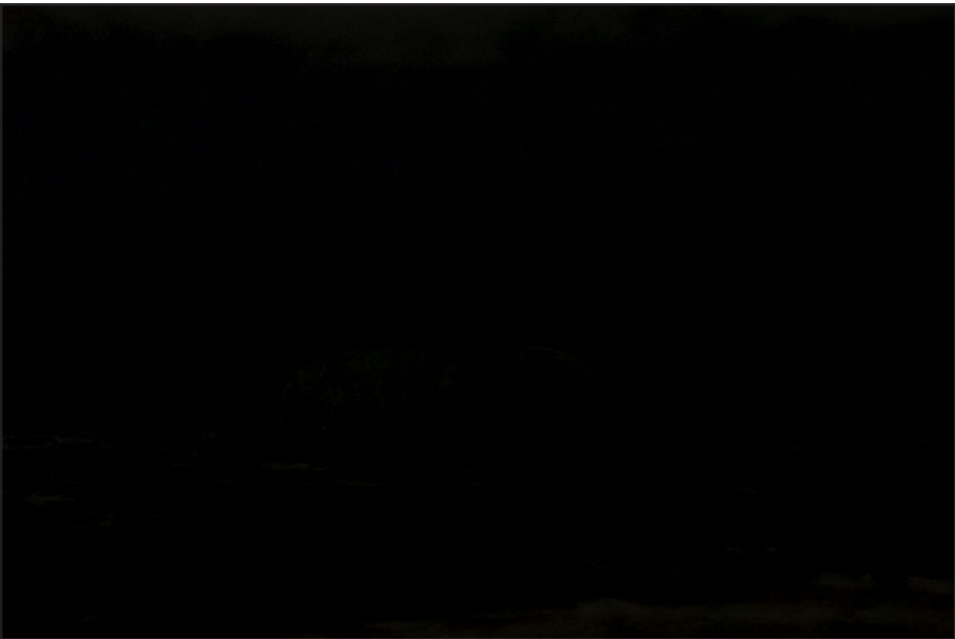
Base Photographic Documentation

Date (MM/DD/YYYY):	4/11/2023
Time (24hr):	22:18
GPS Longitude:	-124.3131612
GPS Latitude:	42.06839717
Viewpoint Elevation (ft):	243.1102
Camera Height (ft):	5.41
Camera Heading:	W

Turbine Information

Distance to Nearest Turbine (Miles):	22.73
Number of Turbines:	262
Hub Height (ft):	725
Support Structure Height (ft):	106
Rotor Diameter (ft):	935
Total Height to Tip of Blade (ft):	1,171

Image Preview



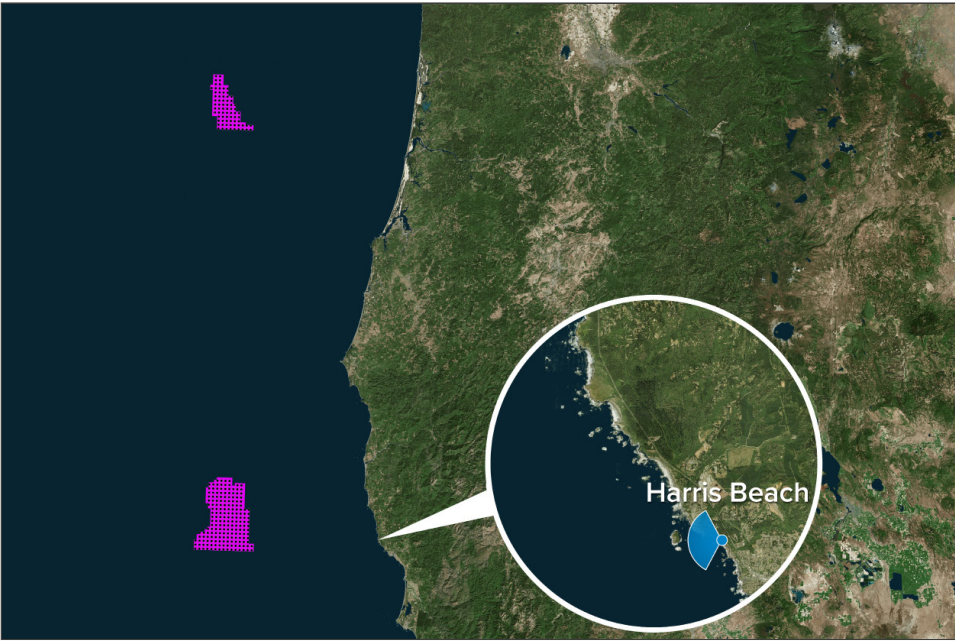
Camera Information

Camera Make & Model:	Canon EOS 5DS R
Camera Sensor Size:	36mm x 24mm
Lens Make & Model:	Sigma F1.4 DG HSM A018
Lens Focal Length:	20mm
Field of View:	65.47ø (H) / 46.397ø (V)

Sun, Sky, and Weather Information

Sun Azimuth:	N/A
Sun Elevation:	N/A
Lighting Angle (On Turbines):	N/A
Weather Conditions:	Cloudy
Predicted Visibility (Miles):	N/A
Temperature (°F):	46
Temperature (°C):	7
Humidity (%):	73
SQM Reading:	19.25

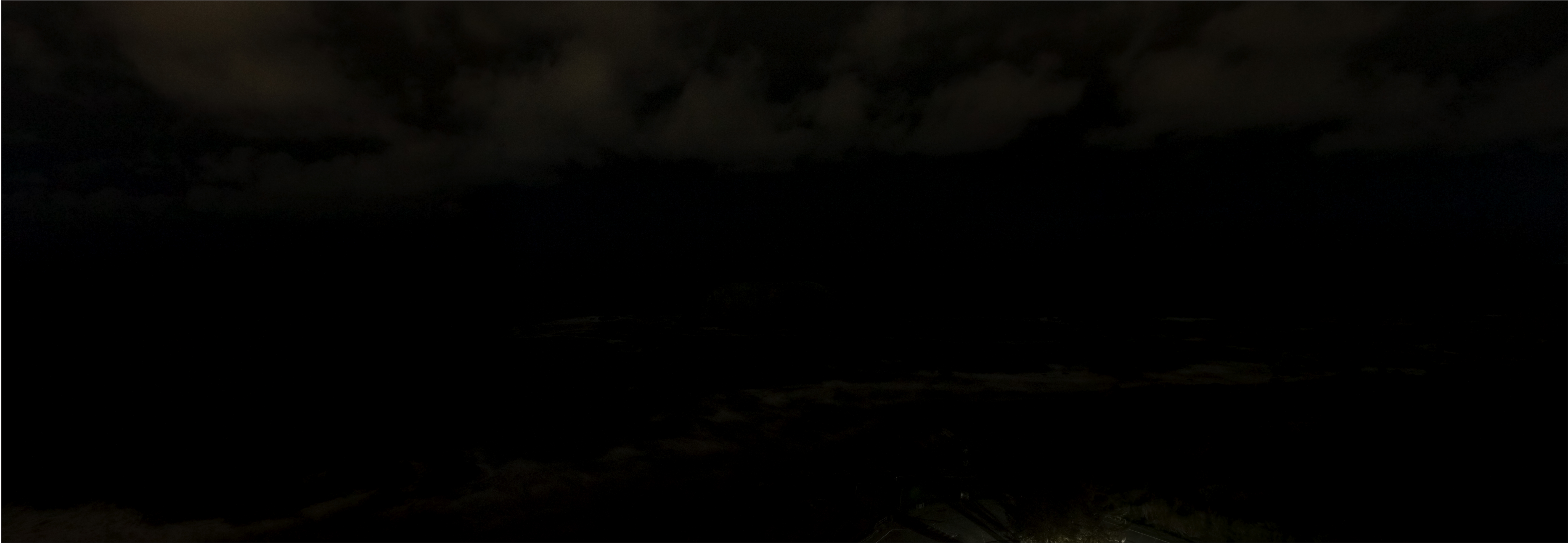
Context Map



Viewing Instructions

For 11 x 17 inch Printed Display:	Viewing distance is 19.7 inches (500 mm)
For On-Screen Display:	Viewing distance is 19.7 inches (500 mm)





Harris Beach, Night, Heading W - **Existing View**

For on-screen display:  
Scale bar to be 4 inches wide  
Viewing distance 19.7 inches

KW Oregon Offshore Wind

Harris Beach  
Spring / Night  
Heading W

Viewpoint Location

Project Area

Latitude:

42.06839717

Longitude:

-124.3131612

Elevation of Viewpoint Position:

243.1102

Height of Camera Above Ground:

5.41 ft

Date of Photography:

4/11/2023 at 22:18

Horizontal Field of View:

124°

Vertical Field of View:

55°

CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS

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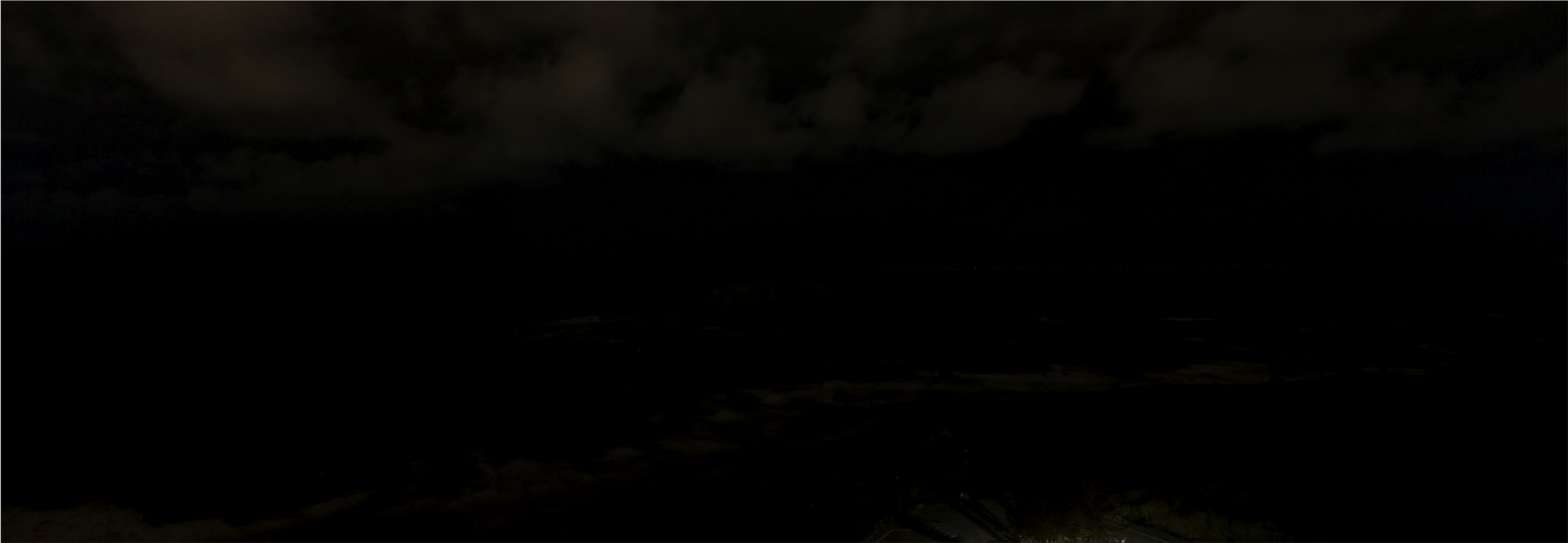
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truescape.com

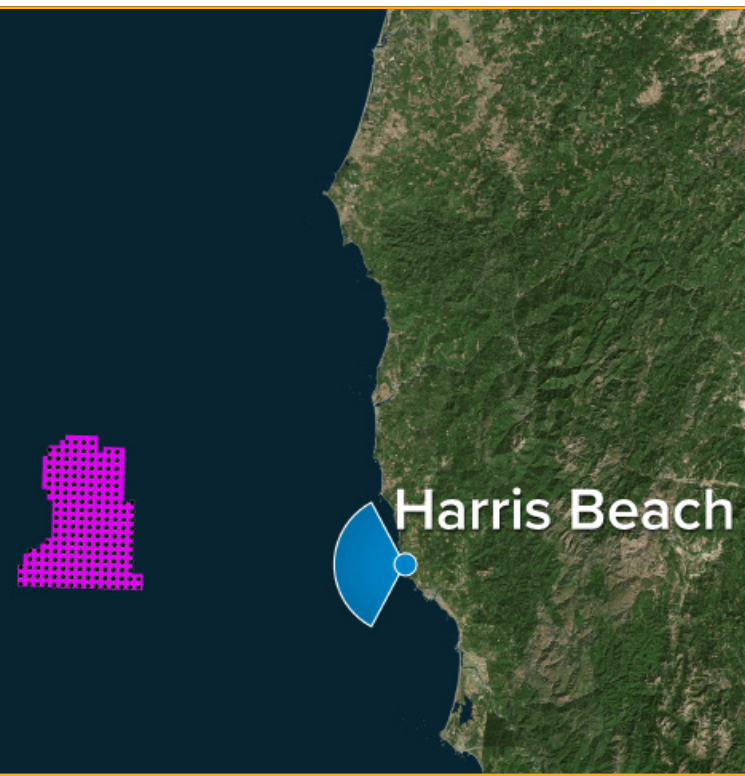
4/11/2023 at 22:18 - KOP-1





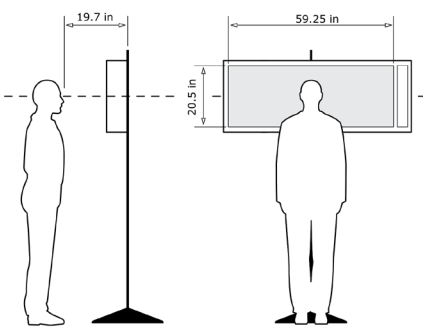
Harris Beach, Night, Heading W - **Proposed View - Maximum Visibility**

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Scale bar to be 4 inches wide  
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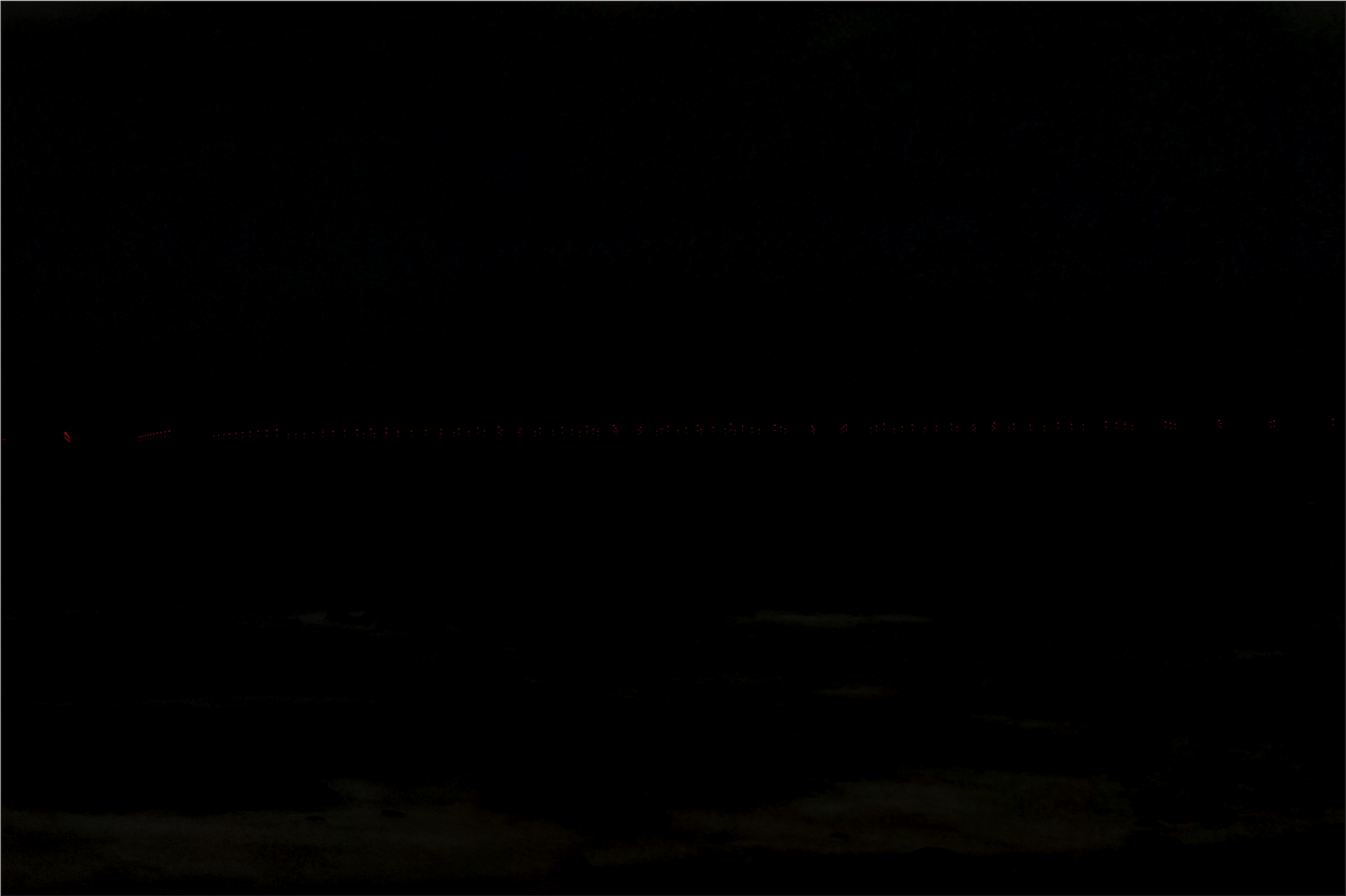
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