

**A.I.S., Inc.**

**Protected Species Monitoring Final Report**

# **Fugro USA Marine, Inc. and Bluepoint Wind**

**PROTECTED SPECIES MONITORING SERVICES DURING  
GEOTECHNICAL SURVEYS OF LEASE AREA OCS-A 0537**

## **FINAL REPORT**



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**Date**

December 17, 2024

**Confidentiality**

The information summarized in this Final Report was collected by A.I.S., Inc. for Fugro USA and Bluepoint Wind to be distributed to the National Marine Fisheries Service, the Bureau of Ocean Energy Management and other regulatory bodies as required.

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## 1. Executive Summary

In July, August, and September 2024, Bluepoint Wind and Fugro conducted geotechnical investigations within the wind lease area OCS-A 0537. No geophysical surveys were conducted during this survey campaign. The survey area is located offshore off the coasts of New York and New Jersey in the New York Bight region of the Atlantic Ocean. Offshore operations took place over the span of fifty (50) calendar days, spanning from July 31<sup>st</sup> to September 18<sup>th</sup>. The vessel returned to port on standby, for a 3-day period from August 19<sup>th</sup> to August 22<sup>nd</sup> due to elevated offshore sea conditions. There were two periods when the vessel returned to port for a crew change and reprovisioning. The first took place from August 8<sup>th</sup> to August 9<sup>th</sup>, and the second took place from September 6<sup>th</sup> to September 7<sup>th</sup>.

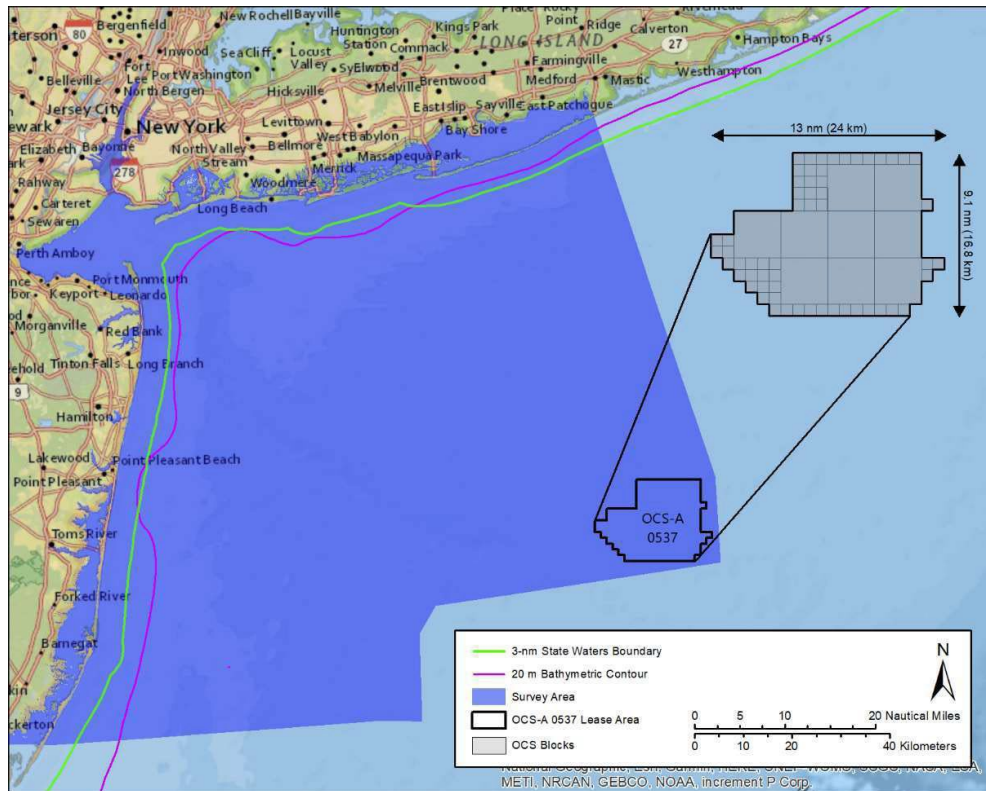


Figure 1 Map of the Project

The Bureau of Ocean Energy Management (BOEM) has outlined best management practice (BMP) stipulations for marine mammal and sea turtle monitoring and strike avoidance mitigation during geotechnical survey operations and instances of vessel transit. In order to comply with these stipulations, Fugro contracted A.I.S. Inc. (AIS) to provide Protected Species Observers (PSO) to monitor for marine protected species during all transit and geotechnical operations.

The following report summarizes the protected species monitoring activities and observations during geotechnical survey operations associated with the survey area outlined above.

## 2. Vessel Strike Avoidance Measures and PSO Methodology

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To fulfill protected species monitoring and mitigation requirements three (3) PSOs were deployed offshore onboard the Fugro Resilience with rotating monitoring shifts. Watches occasionally overlapped but never exceeded the regulatory requirements pertaining to watch durations. In accordance with the regulatory and client requirements, at least one (1) visual observer maintained a 360° visual watch of the strike avoidance zone while the vessel was in motion, during other periods of downtime, and surveying when the vessel was stationary. There were no nighttime operations during this survey, however, PSOs monitoring during all hours including overnight to ensure compliance during potential nighttime transits and to establish a protected species monitoring baseline. PSO duties included:

- Visually monitoring the strike avoidance zone during vessel transit and 360° around the vessel during survey operations for the presence of marine protected species (marine mammals, sea turtles and ESA listed fishes).
- Documenting all marine protected species sightings, observer effort, and environmental conditions on standard data forms and reporting all incidents to proper personnel.
- Recording operational activities during monitoring effort.
- Informing vessel and survey operators if a protected species is heading towards the strike avoidance zone.
- Implementing strike avoidance procedures if a marine protected species is observed entering or surfaces within the strike mitigation zones.
- Advising operators on mitigation requirements in the event of marine protected species detections.
- Ensuring all mitigation actions are enacted and documenting instances where mitigation measures were unable to be implemented.
- Summarizing daily monitoring effort and submitting data forms to the appropriate staff.
- Reporting instances of harassment, harm, or injury to protected species as well as instances of North Atlantic Right Whale (NARW) detections or any entangled or dead protected species to the NMFS, the Coast Guard and through the WhaleAlert app (<http://www.whalealert.org/>).
- Monitoring for Dynamic Management Areas (DMAs) and Slow Zones as they are updated and adhering to the 10-knot speed restriction for these areas.

Vessel strike avoidance measures that PSOs were required to enact included:

- Monitoring vessel strike separation distances and implementing strike avoidance measures when a protected species is detected within the zones listed below
- North Atlantic Right Whale and ESA-Listed Species
  - 500-meter minimum separation distance of the forward path of the vessel. If a NARW or ESA listed whale, or unidentified whale is detected within this separation distance the vessel must steer away from the protected species at a speed of 10 knots or less
- Large whales including any non-listed ESA whale
  - 200-meter minimum separation distance of the forward path of the vessel. If a large whale or non-listed ESA species is detected within this separation distance the vessel operator must reduce speed and shift the engine to neutral
- Seals and Dolphins
  - If pinnipeds or small delphinids of genera *Delphinus*, *Lagenorhynchus*, *Stenella*, and *Tursiops* are detected approaching the vessel voluntarily vessel speed reduction and course alteration are not required.
- Sea Turtles and Manta Rays
  - If a sea turtle or manta ray is detected at any distance within the vessel's forward path the vessel operator must reduce speed to four knots and steer away. Normal vessel operations

may resume once the protected species has passed the vessel and is no longer in the forward path of transit.

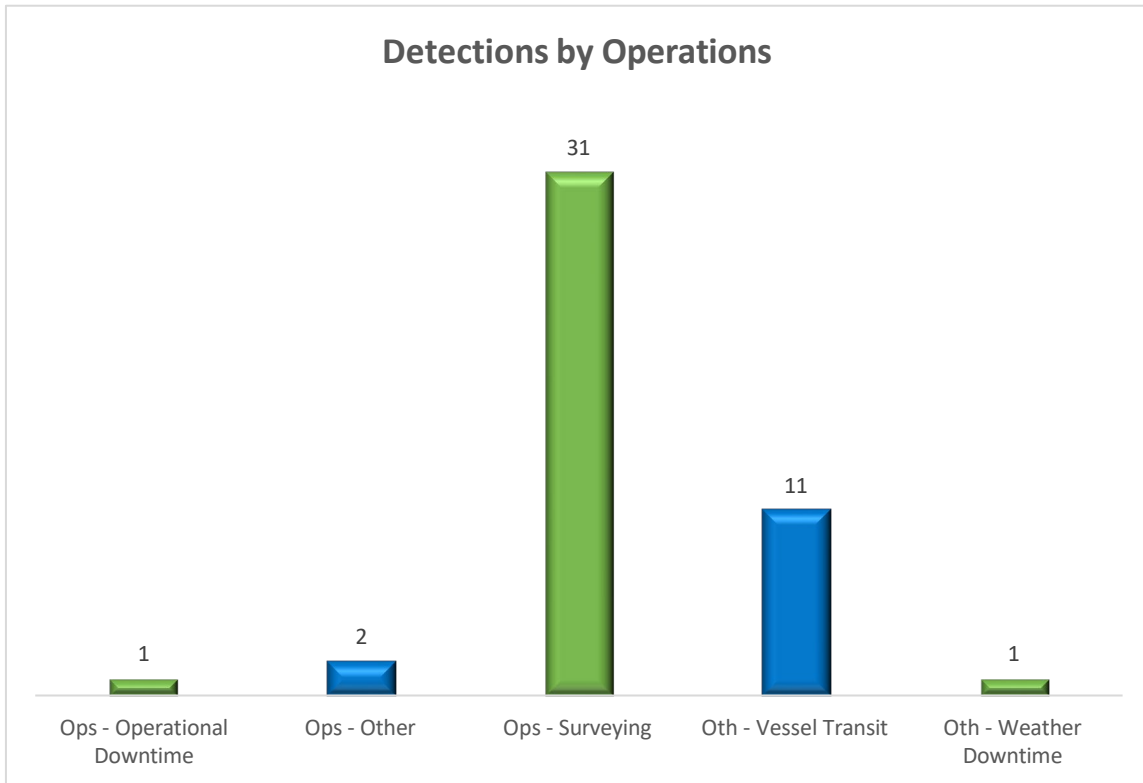
### 3. Detections

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Over the course of the 50 day project, 46 detections of marine protected species occurred. NMFS approved Protected Species Observers (PSO) conducted a strike avoidance watch while the vessel was in motion or performing survey operations and concluded their watch when the vessel docked in port. Visual observations for marine protected species during all geotechnical operations and vessel transit spanned a total of 1,034 hours and eight minutes. Summaries of the total PSO monitoring time and operational activities during the survey can be found in Appendix A and daily summaries can be found in Appendix B. Details of the individual detections can be found in Appendix C.

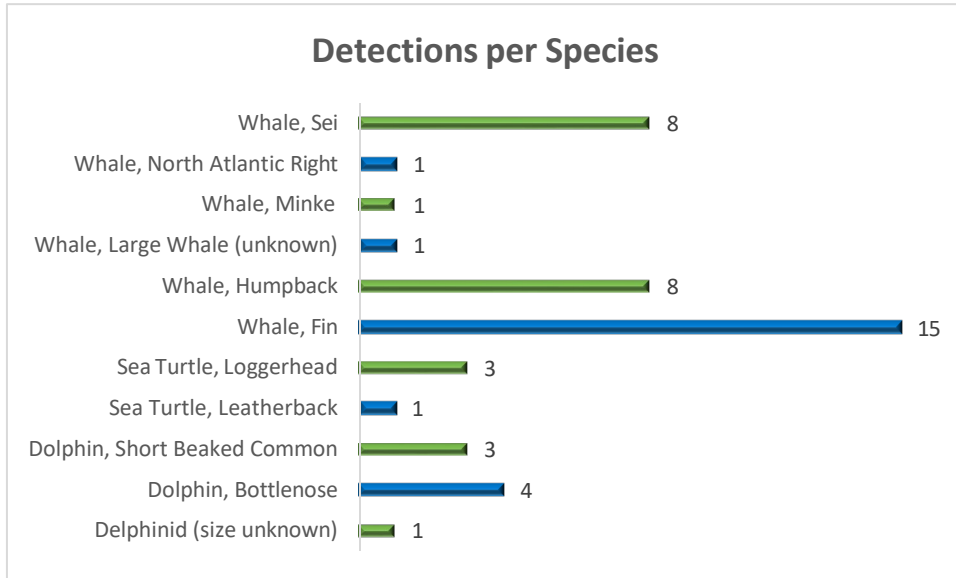
The majority of detections occurred during geotechnical operations with 31 detections occurring during this time. As the vessel is stationary during geotechnical operations, vessel strike avoidance mitigation is not required during these operations, however visual watches were still maintained. Eleven (11) detections occurred during vessel transit. The remaining four detections occurred during times of weather downtime, operational downtime, or other operations. Only one detection required vessel strike avoidance mitigation over the course of the project.

Figure 2 Distribution of Detections per Vessel Operations



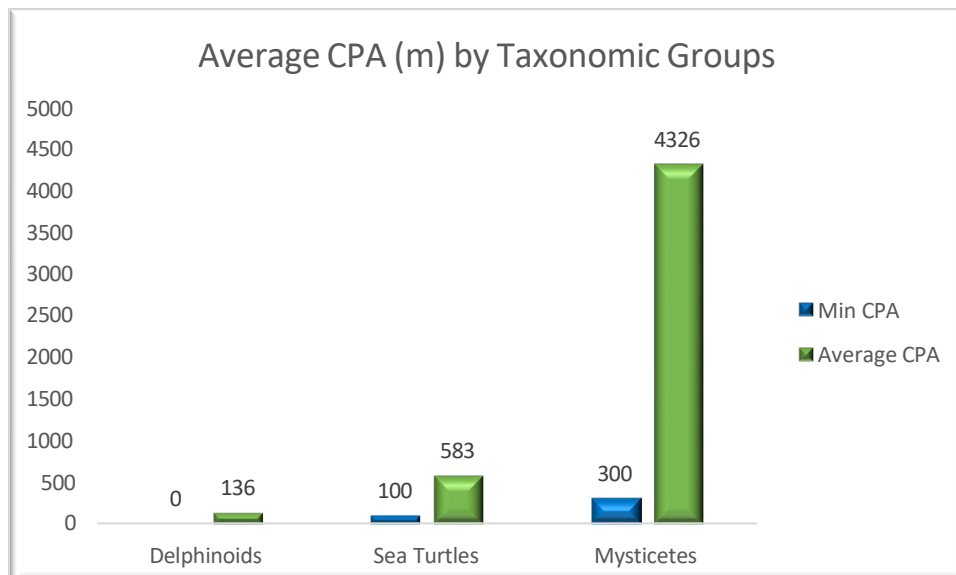
The most abundant group of protected species that was observed during this project was mysticete whales with 34 total sightings making up 74% of the total sightings. There were 4 sea turtle sightings making up 9% of the total detection distribution. Of the delphinoid cetaceans there were 8 sightings making up 17% of the total detection distribution.

Figure 3 Distribution of Detections per Species



The average closest point of approach (CPA) varied per species with mysticete whales having the largest average CPA with 4,326 meters. The observation locations onboard the Fugro Resilience allowed the PSO team to observe protected species from a great distance as the locations were unobstructed and provided a good vantage point for the team. Dolphins were observed much closer to the vessel with an average CPA of 136 meters as these species will tend to bow ride and voluntarily approach vessels offshore. Sea turtles were observed from a large distance as well with an average detection CPA of 583 meters. This can also be attributed to the productive observation location for the VSAO team.

Figure 4 Average CPA per Taxonomic Group



### 3.1. Strike Avoidance Mitigation Implementation and High Importance Sightings

During the course of the project there were 12 detections of high importance, which were characterized as detections that occurred during vessel transit or was a detection of a species with an elevated level of mitigation measures. There was one detection of a North Atlantic Right whale (NARW) and 11 detections of protected species that occurred during vessel transit, one of which required a course alteration. The details for these sightings classified as high importance can be found below and the detection details for the remaining 34 sightings can be found in Appendix C.

#### **Detection 1 - 7/31/2024**

At 14:20 EDT, a pod of ~15 bottlenose dolphins were observed ~500 m off the starboard side between the 3-4 o'clock position while transiting. A few dolphins with gray coloration and tall falcate dorsal fins were seen milling in the area in smaller groups of 3-6. The Closest point of Approach (CPA) was at 14:23 EDT ~350 m off the starboard side of the vessel when ~6 dolphins changed direction and swam towards the vessel. The last sighting occurred at 14:25 EDT when the Fugro Resilience passed the pod. No VSA required or enacted. No vessel strike occurred.

#### **Detection 4 - 8/10/2024**

At 13:20 EDT, a single humpback was observed ~1 km off the starboard bow at the 1 o'clock position, while transiting. A single broad and bushy blow was used to identify the animal. The Closest point of Approach (CPA) was at the initial and final time of sighting at 13:20, when the single blow was seen. The direction the animal was travelling in was unable to be obtained due to only seeing one blow and no other visible cues. The officers in the wheelhouse were alerted to the whale and distance on the chance that the whale was traveling towards the path of the vessel. The humpback whale was not seen again; and no VSA required or enacted as the whale remained outside of the strike avoidance zone. No vessel strike occurred.

#### **Detection 6 - 8/12/2024**

At 12:20 EDT, a loggerhead sea turtle was observed ~1100 m off the port side at the 8:30 o'clock position, while transiting. A brown carapace with barnacle growth were key characteristics used to identify this species. The Closest point of Approach (CPA) was at 12:20 EDT at ~1100 m. The last sighting was at 12:22 EDT. No VSA required or enacted as the animal was outside of the forward path of the vessel. No vessel strike occurred.

#### **Detection 7 - 8/12/2024**

At 12:28 EDT, a loggerhead sea turtle was observed ~1500 m off the port bow at the 10:00 o'clock position, while transiting. A brown carapace with barnacle growth were key characteristics used to identify this species. The Closest point of Approach (CPA) was also the last sighting at 12:29 EDT and ~700 m. No VSA required or enacted as the animal was outside of the forward path of the vessel. No vessel strike occurred.

#### **Detection 10 - 8/22/2024**

At 13:44 EDT, a single bottlenose dolphin was observed ~600 m off the port side at the 9:00 o'clock position, while transiting. Over the next 2 minutes, 7 other dolphins also traveled from the port side towards our vessel. An entirely gray body was seen on a breach, and the dolphins possessed large falcate dorsal fins; both were used to identify this dolphin to species. The Closest point of Approach (CPA) was at EDT ~300 m off the port side of the vessel. The last sighting was at 13:46 EDT when the last 3 dolphins swam towards the vessel. Photographs were captured during the event. No VSA required or enacted as the dolphins remained outside of the vessel strike zone and voluntarily approaching dolphins do not require strike avoidance mitigation. No vessel strike occurred.

#### **Detection 16 - 9/1/2024**

From 12:21 EDT to 16:15 EDT, PSO MM and SB observed a series of blows, some elliptical and some more V shaped and bushy. The blows traveled from 12:30 o'clock towards the 11:30 o'clock position, with both the

Closest Point of Approach (CPA) at ~7km, a series of 5 blows was seen, the first two being bushier and V shaped, the following 3 were smaller but still bushy. Simultaneously another whale's blow was seen that appeared taller and more elliptical. This confirmed there are at least 2 whales in the area, one is probably a sei or fin whale, and the other is probably a NARW. Over the 4 hours most elliptical blows occurred in sets of 2-3 and most of the more V shaped and slightly bushier blows occurred in sets of 3-5. No VSA required or enacted. No vessel strike occurred. PSO notified the captain who reported the whale's presence to the USCG on radio channel 16. The PSO also notified the client representative on board immediately upon observation of the NARW as well as A.I.S. Inc. project manager Chris Werre. PSO on watch also reported the presence of a NARW to the National Marine Fisheries Service (NMFS) and reported the sighting on the WhaleAlert app at 1400. Further, the PSO team completed the NARW reporting form and submitted that to A.I.S. Inc and Bluepoint Wind on 9/1/2024 at 21:32

#### **Detection 27 - 9/4/2024**

At 13:43EDT, a group of possible sei whales were observed ~3 km off the port side at the 9 o'clock position, while transiting. Multiple blows were seen in various areas, indicating the presence of 4-7 animals. Blows were elliptical in shape and a small falcate dorsal fin was observed. At least 2 of whales were closer to a recreational vessel at ~7 km at 8 o'clock, with 2-3 other whales at the 8:30 – 9 o'clock positions. Blows were seen multiple times while in transit. Once the Fugro Resilience arrived on location, blows could be seen off the stern in the relative location of the last sighting of the pod of whales. Whales are now in the vicinity of an extreme glare and are closer to 8-10 km away from the stern, leading to the last sighting at 14:36 EDT. Photographs were captured during the event. No VSA required or enacted as the whales remained outside of the strike avoidance zone. No vessel strike occurred.

#### **Detection 31 - 9/5/2024**

At 14:05 EDT a possible fin whale was observed ~750 m off the bow at the 11:45 o'clock position while vessel was in transit. A single blow was seen followed by a gray back, and falcate dorsal fin. The animal was leaving an area of extreme glare so color may have been partially distorted. PSO MM and chief officers in wheelhouse quickly determined whale was crossing the vessel from the port to the starboard side. Vessel had only just gotten underway and was moving at a speed of 4.4 knots. The Chief officer changed the heading 15 degrees to port to avoid the direction the animal was heading. The animal was last sighted at the 12:45 o'clock position ~600 m ahead of the vessel at 14:06 EDT. No vessel strike occurred.

#### **Detection 32 - 9/5/2024**

At 14:15 EDT, a humpback was observed ~4.5 km off the starboard side at the 3 o'clock position, while transiting. Two bushy low blows were noticed followed by the fluke as the animal dove. The animal was not sighted again as the Fugro Resilience maintained course and speed away from the animal. No VSA required or enacted. No vessel strike occurred.

#### **Detection 33 - 9/7/2024**

At 13:40 EDT, a bottlenose dolphin was observed swimming towards the bow at the 12 o'clock position, at ~300 m. More dolphins were seen at 9 o'clock and again at 12 o'clock, dolphins were typically swimming in the direction of the bow. Dolphins had falcate dorsal fins and gray bodies, identifying them as bottlenose dolphins. The best estimate is 4 dolphins in total over the sighting, with the closest point of approach (CPA) see at ~150m. The last sighting was at 13:45 EDT at the 11:45 o'clock position. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

#### **Detection 37 - 9/9/2024**

At 11:50 EDT, an officer alerted PSO of a single dolphin seen at the 4 o'clock position, while vessel was in transit and arriving on location. The body seen was a rolling back and fin breaking the surface, and the body was described as 'small', indicating it was not one of the larger whales we had seen today. This description best matches a dolphin, as opposed to a fish or shark. PSO MM was arriving for shift and was able to look for dolphin while PSO CB maintained watch ahead of the vessel. Dolphin was not seen by PSO in transit, nor after



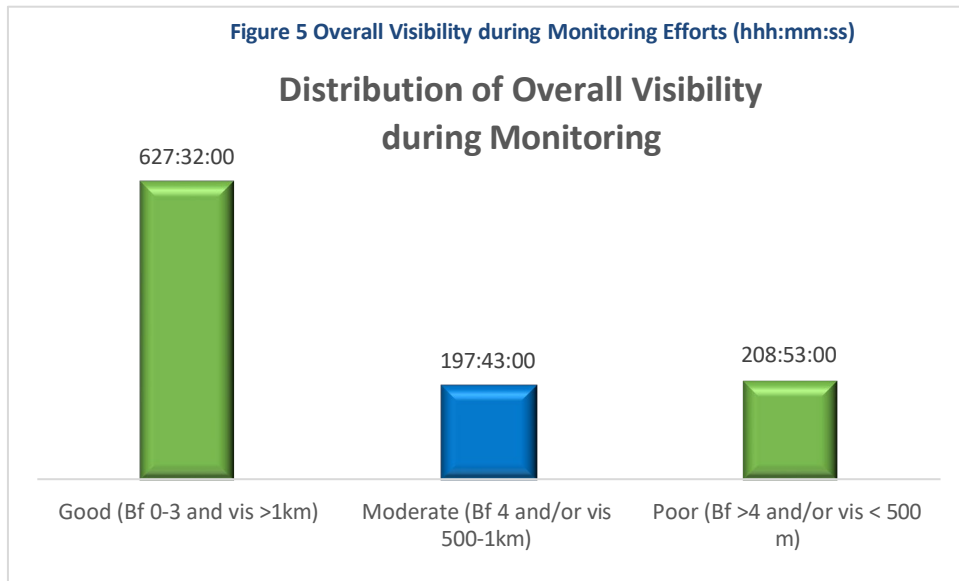
we arrived on location. Distance the officer saw the dolphin was ~ 200 m. No photos. No mitigation required as the dolphin remained outside of the strike avoidance zone. No vessel strike occurred.

**Detection 41 - 9/10/2024**

At 06:30 EDT, PSO SB sighted a brushy blow and dorsal of a diving humpback whale ~700m at the 11:00 o'clock position. Vessel was turning to begin transit. At 06:48 EDT the final sighting was ~2500m at the 7:00 o'clock position as the vessel steamed away. Photographs were captured during the event. No VSA required or enacted as the whale remained outside of the strike avoidance zone. No vessel strike occurred.

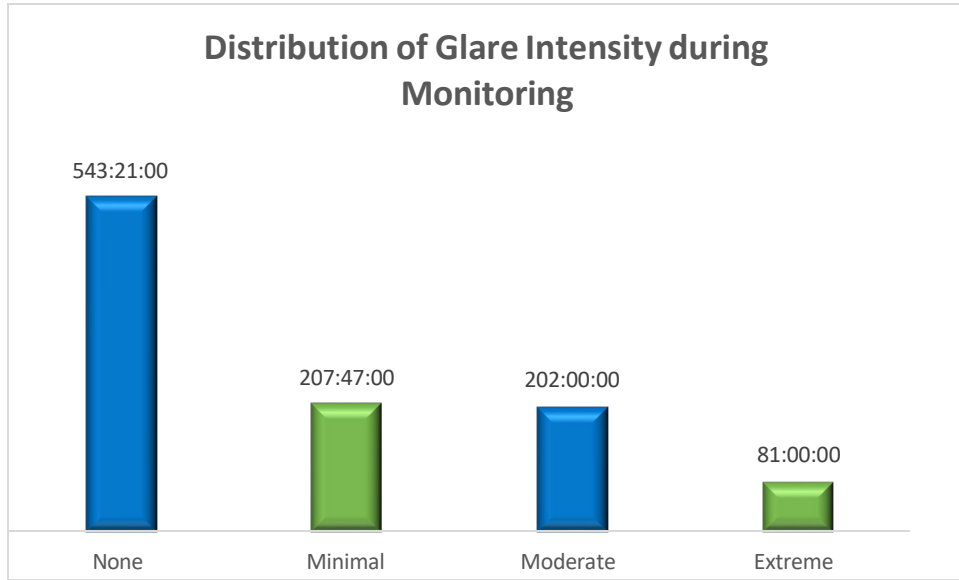
**4. Environmental Conditions during Monitoring Efforts**

Clear environmental sighting conditions contributed to the overall detection numbers and large CPA for detections on this project. "Good" sighting conditions can account for 60% of the total observation time for the PSO team with 627 hours of these conditions. Good sighting conditions require the Beaufort sea state to be less than or equal to three and provide greater than 1,000 meters of visibility during observational efforts. Moderate sighting conditions entail a Beaufort sea state of four and between 500-1000 meters of visibility and these conditions accounted for 20% of the observational efforts. Poor sighting conditions occur when the Beaufort sea state is greater than four and visibility is less than 500 meters. Survey operations on this project occurred during daylight hours only therefore, the majority of observational efforts occurred during daylight hours with good sighting conditions. The 208 hours of poor visibility can be attributed to periods of increased sea state (greater than Beaufort 4) and not to a reduced visibility distance. There were no periods where fog limited visibility to less than 1000 meters and PSOs maintained watch during periods of increased sea state and when the vessel was stationary and waiting on weather.



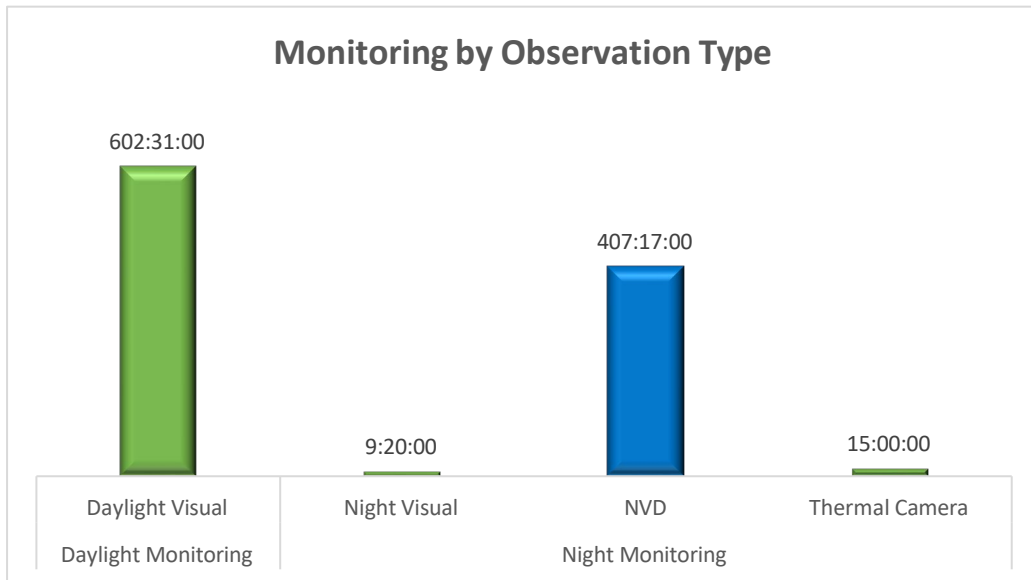
Glare intensity can impact observational efforts can impact the PSO team’s ability to observe protected species as extreme instances of glare can limit the amount of the water’s surface that can be viewed. Instances of extreme glare was recorded for only 81 hours or 8% of the total monitoring time.

Figure 6 Distribution of Glare Intensity during Monitoring Efforts (hhh:mm:ss)



The majority of operations and vessel transits were conducted during daylight hours therefore the most frequent observation type for the project was daylight visual observation.

Figure 7 Monitoring by Observation Type (hhh:mm:ss)



## APPENDIX A. FINAL ACTIVITY SUMMARY REPORT

REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **FINAL**  
 Date **7/31/2024** to **9/19/2024**

Vessel Name	Fugro Resilience			Survey Type	Geotechnical		
Total Operational Time	(hh:mm)	<b>894:09</b>		Total Visual Monitoring Time	(hh:mm)	<b>1034:08</b>	
Total VSA Mitigation Time	(hh:mm)	<b>0:01</b>		Total Number of Detections	(#)	<b>46</b>	
Total Standby/Downtime	(hh:mm)	<b>139:59</b>		Total Number of Individual(s) Detected	(#)	<b>185</b>	

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>54.18%</b>	<b>560:17</b>	<b>31</b>	<b>140</b>	Mit - Change Course (CC)	<b>0.00%</b>	<b>0:01</b>		
Ops - Other Operations	<b>4.53%</b>	<b>46:49</b>	<b>2</b>	<b>4</b>	Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>9.55%</b>	<b>98:48</b>	<b>1</b>	<b>1</b>	Mit - SR and CC				
Oth - Weather Downtime	<b>16.64%</b>	<b>172:02</b>	<b>1</b>	<b>1</b>	Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>1.57%</b>	<b>16:12</b>			Mit - None Required				
Oth - Vessel Transit	<b>13.54%</b>	<b>139:59</b>	<b>11</b>	<b>39</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown	<b>3</b>				Sea Turtle, Leatherback	<b>1</b>			
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead	<b>3</b>			
Delphinid (size unknown)	<b>1</b>				Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose	<b>28</b>				Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback	<b>23</b>			
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common	<b>74</b>				Whale, Minke	<b>2</b>			
Dolphin, Spinner					Whale, North Atlantic Right	<b>1</b>			
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei	<b>24</b>	<b>1</b>		
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>24</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>21%</b>	<b>60%</b>	<b>15%</b>	<b>4%</b>	Glare	<b>53%</b>	<b>20%</b>	<b>20%</b>	<b>8%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>14%</b>	<b>73%</b>	<b>13%</b>	<b>0%</b>	Sea State	<b>34%</b>	<b>59%</b>	<b>7%</b>	<b>0%</b>

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

## Distribution List

Name	Email	Name	Email
Michelle Black	<a href="mailto:m.black@fugro.com">m.black@fugro.com</a>	Lia Howard	<a href="mailto:lia.howard@oceanwinds.com">lia.howard@oceanwinds.com</a>
Trevor Jones	<a href="mailto:trevor.jones@oceanwinds.com">trevor.jones@oceanwinds.com</a>	Katherine Mears	<a href="mailto:katherine.mears@oceanwinds.com">katherine.mears@oceanwinds.com</a>
Gavin Robb	<a href="mailto:gavin.robb@oceanwinds.com">gavin.robb@oceanwinds.com</a>	Diana Glinos	<a href="mailto:diana.glinos@oceanwinds.com">diana.glinos@oceanwinds.com</a>
Amaya Shah	<a href="mailto:amaya.shah.scholar@oceanwinds.com">amaya.shah.scholar@oceanwinds.com</a>	Amaya Shah	<a href="mailto:amaya.shah.scholar@oceanwinds.com">amaya.shah.scholar@oceanwinds.com</a>
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Yogesh Bhandarkar	<a href="mailto:yogeshbhandarkar.offshorewind@gmail.com">yogeshbhandarkar.offshorewind@gmail.com</a>		
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## APPENDIX B. DAILY ACTIVITY SUMMARY REPORTS

REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **31-Jul-24** to **31-Jul-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>2:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>11:06</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>8:07</b>	Total Number of Individual(s) Detected	(#)	<b>15</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)	Mitigation	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>26.88%</b>	<b>2:59</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>0.75%</b>	<b>0:05</b>		
Oth - Vessel Transit	<b>72.37%</b>	<b>8:02</b>	<b>1</b>	<b>15</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose	<b>15</b>				Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>91%</b>	<b>9%</b>		Glare	<b>100%</b>			
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>64%</b>	<b>36%</b>		Sea State	<b>9%</b>	<b>91%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

## Distribution List

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **01-Aug-24** to **01-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>22:08</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>1:51</b>	Total Number of Individual(s) Detected	(#)	<b>1</b>

(VSA Mitigation Time = CC + SR + SN)

Survey Activity - Monitoring - Detections

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	26.06%	6:15			Mit - Change Course (CC)				
Ops - Other Operations	4.86%	1:10	1	1	Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	39.26%	9:25			Mit - Shift to Neutral (SN)				
Oth - Other Downtime	22.10%	5:18			Mit - None Required	3.41%	0:49		
Oth - Vessel Transit	4.31%	1:02							

Species Detections [Number of Individual(s) Detected]

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback	1			
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

Environmental Conditions

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		67%		33%	Glare	63%	21%	17%	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	25%	75%			Sea State	46%	54%		

Note:

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## Distribution List

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **02-Aug-24** to **02-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>22:51</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>1:08</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

Survey Activity - Monitoring - Detections

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>32.31%</b>	<b>7:45</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>2.78%</b>	<b>0:40</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>43.57%</b>	<b>10:27</b>			Mit - SR and CC				
Oth - Weather Downtime	<b>16.61%</b>	<b>3:59</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>4.73%</b>	<b>1:08</b>							

Species Detections [Number of Individual(s) Detected]

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

Environmental Conditions

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>8%</b>	<b>83%</b>		<b>8%</b>	Glare	<b>38%</b>	<b>38%</b>	<b>25%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>88%</b>	<b>13%</b>		Sea State	<b>21%</b>	<b>79%</b>		

Note:

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## Distribution List

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **03-Aug-24** to **03-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>18.42%</b>	<b>4:25</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>44.89%</b>	<b>10:46</b>			Mit - SR and CC				
Oth - Weather Downtime	<b>36.69%</b>	<b>8:48</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>100%</b>			Glare	<b>54%</b>	<b>33%</b>	<b>13%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>71%</b>	<b>29%</b>		Sea State		<b>100%</b>		

Note:

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **04-Aug-24** to **04-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

Survey Activity - Monitoring - Detections

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>100.00%</b>	<b>23:59</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

Species Detections [Number of Individual(s) Detected]

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

Environmental Conditions

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>38%</b>	<b>29%</b>	<b>33%</b>	Glare	<b>63%</b>	<b>29%</b>	<b>8%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>46%</b>	<b>54%</b>		Sea State		<b>100%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **05-Aug-24** to **05-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>21:30</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>2:29</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

Survey Activity - Monitoring - Detections

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	31.27%	7:30			Mit - Change Course (CC)				
Ops - Other Operations	10.77%	2:35			Mit - Speed Reduction (SR)				
Ops - Operational Downtime	17.03%	4:05			Mit - SR and CC				
Oth - Weather Downtime	30.58%	7:20			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	10.35%	2:29							

Species Detections [Number of Individual(s) Detected]

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

Environmental Conditions

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	42%	58%			Glare	46%	33%	21%	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	21%	75%	4%		Sea State	21%	79%		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

## Distribution List

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **06-Aug-24** to **06-Aug-24**

Vessel Name	Fugro Resilience			Survey Type	Geotechnical		
Total Operational Time (hh:mm)	22:04			Total Visual Monitoring Time (hh:mm)	23:59		
Total VSA Mitigation Time (hh:mm)				Total Number of Detections (#)	0		
Total Standby/Downtime (hh:mm)	1:55			Total Number of Individual(s) Detected (#)	0		

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	48.30%	11:35			Mit - Change Course (CC)				
Ops - Other Operations	21.40%	5:08			Mit - Speed Reduction (SR)				
Ops - Operational Downtime	6.74%	1:37			Mit - SR and CC				
Oth - Weather Downtime	15.57%	3:44			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	7.99%	1:55							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		63%	38%		Glare	46%	38%	17%	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	4%	63%	33%		Sea State		100%		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **07-Aug-24** to **07-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>17:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>6:00</b>	Total Number of Individual(s) Detected	(#)	<b>1</b>

(VSA Mitigation Time = CC + SR + SN)

Survey Activity - Monitoring - Detections

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>74.98%</b>	<b>17:59</b>	<b>1</b>	<b>1</b>	Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>0.07%</b>	<b>0:01</b>		
Oth - Vessel Transit	<b>24.95%</b>	<b>5:59</b>							

Species Detections [Number of Individual(s) Detected]

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>1</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

Environmental Conditions

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>21%</b>	<b>63%</b>	<b>17%</b>	Glare	<b>100%</b>			
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>63%</b>	<b>38%</b>		Sea State		<b>100%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **08-Aug-24** to **08-Aug-24**

Vessel Name	Fugro Resilience			Survey Type	Geotechnical	
Total Operational Time	(hh:mm)			Total Visual Monitoring Time	(hh:mm)	<b>7:26</b>
Total VSA Mitigation Time	(hh:mm)			Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>7:26</b>		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>100.00%</b>	<b>7:26</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover			<b>100%</b>		Glare	<b>100%</b>			
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>100%</b>			Sea State	<b>25%</b>	<b>75%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **09-Aug-24** to **09-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>12:39</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>11:20</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

Survey Activity - Monitoring - Detections

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations	<b>6.95%</b>	<b>1:40</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>45.80%</b>	<b>10:59</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>47.26%</b>	<b>11:20</b>							

Species Detections [Number of Individual(s) Detected]

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

Environmental Conditions

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>74%</b>	<b>26%</b>		Glare	<b>52%</b>	<b>4%</b>	<b>43%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>4%</b>	<b>4%</b>	<b>91%</b>		Sea State	<b>9%</b>	<b>39%</b>	<b>52%</b>	

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

## Distribution List

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **10-Aug-24** to **10-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>16:23</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>7:36</b>	Total Number of Individual(s) Detected	(#)	<b>1</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>3.96%</b>	<b>0:57</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>64.35%</b>	<b>15:26</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>0.07%</b>	<b>0:01</b>		
Oth - Vessel Transit	<b>31.62%</b>	<b>7:35</b>	<b>1</b>	<b>1</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback	<b>1</b>			
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>29%</b>	<b>58%</b>	<b>13%</b>		Glare	<b>42%</b>	<b>13%</b>	<b>46%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>88%</b>	<b>13%</b>		Sea State	<b>54%</b>	<b>25%</b>	<b>21%</b>	

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **11-Aug-24** to **11-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>18:08</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>5:51</b>	Total Number of Individual(s) Detected	(#)	<b>1</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>58.44%</b>	<b>14:01</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>17.16%</b>	<b>4:07</b>	<b>1</b>	<b>1</b>	Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>1.11%</b>	<b>0:16</b>		
Oth - Vessel Transit	<b>23.28%</b>	<b>5:35</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead	<b>1</b>			
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>92%</b>		<b>8%</b>	Glare	<b>71%</b>	<b>21%</b>	<b>8%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>42%</b>	<b>58%</b>			Sea State	<b>96%</b>	<b>4%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **12-Aug-24** to **12-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>21:45</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>2</b>
Total Standby/Downtime	(hh:mm)	<b>2:14</b>	Total Number of Individual(s) Detected	(#)	<b>2</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>43.71%</b>	<b>10:29</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>33.15%</b>	<b>7:57</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>13.83%</b>	<b>3:19</b>			Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>0.28%</b>	<b>0:04</b>		
Oth - Vessel Transit	<b>9.03%</b>	<b>2:10</b>	<b>2</b>	<b>2</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead	<b>2</b>			
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>100%</b>			Glare	<b>38%</b>	<b>25%</b>	<b>33%</b>	<b>4%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>17%</b>	<b>83%</b>			Sea State	<b>100%</b>			

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **13-Aug-24** to **13-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>67.55%</b>	<b>16:12</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>32.45%</b>	<b>7:47</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	17%	83%			Glare	42%	8%	29%	21%
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		92%	8%		Sea State		100%		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **14-Aug-24** to **14-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:52</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>2</b>
Total Standby/Downtime	(hh:mm)	<b>0:07</b>	Total Number of Individual(s) Detected	(#)	<b>5</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>69.56%</b>	<b>16:41</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>29.95%</b>	<b>7:11</b>	<b>2</b>	<b>5</b>	Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>0.49%</b>	<b>0:07</b>		
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>5</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>38%</b>	<b>58%</b>	<b>4%</b>		Glare	<b>42%</b>	<b>42%</b>	<b>8%</b>	<b>8%</b>
Beaufort Scale	<b>0-2</b>	<b>3-5</b>	<b>6-8</b>	<b>9-12</b>	Beaufort Scale	<b>0-2</b>	<b>3-5</b>	<b>6-8</b>	<b>9-12</b>
Wind Force	<b>25%</b>	<b>75%</b>			Sea State	<b>50%</b>	<b>50%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **15-Aug-24** to **15-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:14</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>0:45</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>82.97%</b>	<b>19:54</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>13.90%</b>	<b>3:20</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>3.13%</b>	<b>0:45</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>33%</b>	<b>67%</b>		Glare	<b>46%</b>	<b>33%</b>	<b>8%</b>	<b>13%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>50%</b>	<b>50%</b>			Sea State	<b>100%</b>			

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **16-Aug-24** to **16-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>22:57</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>1:02</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>32.94%</b>	<b>7:54</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>30.23%</b>	<b>7:15</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>32.52%</b>	<b>7:48</b>			Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>4.31%</b>	<b>1:02</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>54%</b>		<b>46%</b>	Glare	<b>50%</b>	<b>42%</b>	<b>8%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>29%</b>	<b>71%</b>			Sea State	<b>100%</b>			

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **17-Aug-24** to **17-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>13:58</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>10:01</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	4.17%	1:00			Mit - Change Course (CC)				
Ops - Other Operations	12.58%	3:01			Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	41.49%	9:57			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	41.77%	10:01							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		92%		8%	Glare	54%	46%		
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	17%	83%			Sea State	63%	38%		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **18-Aug-24** to **18-Aug-24**

Vessel Name		<b>Fugro Resilience</b>		Survey Type		<b>Geotechnical</b>	
Total Operational Time	(hh:mm)			Total Visual Monitoring Time	(hh:mm)		<b>8:51</b>
Total VSA Mitigation Time	(hh:mm)			Total Number of Detections	(#)		<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>8:51</b>		Total Number of Individual(s) Detected	(#)		<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>100.00%</b>	<b>8:51</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>67%</b>	<b>33%</b>		Glare	<b>100%</b>			
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>89%</b>	<b>11%</b>		Sea State	<b>11%</b>	<b>89%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **19-Aug-24** to **19-Aug-24**

Vessel Name		<b>Fugro Resilience</b>		Survey Type		<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:59</b>		Total Visual Monitoring Time	(hh:mm)		
Total VSA Mitigation Time	(hh:mm)			Total Number of Detections	(#)	<b>0</b>	
Total Standby/Downtime	(hh:mm)			Total Number of Individual(s) Detected	(#)	<b>0</b>	

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>100.00%</b>	<b>23:59</b>			Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>25%</b>	<b>25%</b>	<b>25%</b>	<b>25%</b>	Glare	<b>25%</b>	<b>25%</b>	<b>25%</b>	<b>25%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>23%</b>	<b>23%</b>	<b>23%</b>	<b>31%</b>	Sea State	<b>23%</b>	<b>23%</b>	<b>23%</b>	<b>31%</b>

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **20-Aug-24** to **20-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:29</b>	Total Visual Monitoring Time	(hh:mm)	<b>3:00</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>0:30</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>97.92%</b>	<b>23:29</b>			Mit - None Required				
Oth - Vessel Transit	<b>2.08%</b>	<b>0:30</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>33%</b>	<b>67%</b>		Glare	<b>100%</b>			
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>100%</b>			Sea State	<b>100%</b>			

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **21-Aug-24** to **21-Aug-24**

Vessel Name		<b>Fugro Resilience</b>		Survey Type		<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:59</b>		Total Visual Monitoring Time	(hh:mm)		
Total VSA Mitigation Time	(hh:mm)			Total Number of Detections	(#)	<b>0</b>	
Total Standby/Downtime	(hh:mm)			Total Number of Individual(s) Detected	(#)	<b>0</b>	

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>100.00%</b>	<b>23:59</b>			Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Grouper, Nassau					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>25%</b>	<b>25%</b>	<b>25%</b>	<b>25%</b>	Glare	<b>25%</b>	<b>25%</b>	<b>25%</b>	<b>25%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>23%</b>	<b>23%</b>	<b>23%</b>	<b>31%</b>	Sea State	<b>23%</b>	<b>23%</b>	<b>23%</b>	<b>31%</b>

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **22-Aug-24** to **22-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>15:54</b>	Total Visual Monitoring Time	(hh:mm)	<b>11:46</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>8:05</b>	Total Number of Individual(s) Detected	(#)	<b>8</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>13.90%</b>	<b>3:20</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>1.46%</b>	<b>0:21</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>50.94%</b>	<b>12:13</b>			Mit - None Required	<b>0.14%</b>	<b>0:02</b>		
Oth - Vessel Transit	<b>33.56%</b>	<b>8:03</b>	<b>1</b>	<b>8</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose	<b>8</b>				Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>42%</b>	<b>58%</b>			Glare	<b>25%</b>	<b>33%</b>	<b>42%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>92%</b>	<b>8%</b>		Sea State		<b>100%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **23-Aug-24** to **23-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>100.00%</b>	<b>23:59</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>83%</b>	<b>17%</b>			Glare	<b>38%</b>	<b>25%</b>	<b>38%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>21%</b>	<b>79%</b>			Sea State	<b>50%</b>	<b>50%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **24-Aug-24** to **24-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:10</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>0:49</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>30.99%</b>	<b>7:26</b>			Mit - Change Course (CC)				
Ops - Other Operations	<b>1.46%</b>	<b>0:21</b>			Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>64.14%</b>	<b>15:23</b>			Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>3.41%</b>	<b>0:49</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>46%</b>	<b>54%</b>			Glare	<b>42%</b>	<b>42%</b>	<b>17%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>38%</b>	<b>63%</b>			Sea State	<b>100%</b>			

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **25-Aug-24** to **25-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>8.34%</b>	<b>2:00</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>91.66%</b>	<b>21:59</b>			Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>54%</b>	<b>46%</b>			Glare	<b>46%</b>	<b>8%</b>	<b>29%</b>	<b>17%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>17%</b>	<b>83%</b>			Sea State	<b>92%</b>	<b>8%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **26-Aug-24** to **26-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>72.20%</b>	<b>17:19</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>27.80%</b>	<b>6:40</b>			Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>8%</b>	<b>92%</b>			Glare	<b>50%</b>	<b>13%</b>	<b>33%</b>	<b>4%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>100%</b>			Sea State		<b>100%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **27-Aug-24** to **27-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:22</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>0:37</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>97.43%</b>	<b>23:22</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>2.57%</b>	<b>0:37</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>38%</b>	<b>63%</b>			Glare	<b>46%</b>	<b>13%</b>	<b>42%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>67%</b>	<b>33%</b>			Sea State	<b>79%</b>	<b>21%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **28-Aug-24** to **28-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>22:32</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>1:27</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>93.95%</b>	<b>22:32</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>6.05%</b>	<b>1:27</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	21%	63%	17%		Glare	54%	46%		
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		88%	13%		Sea State	4%	83%	13%	

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **29-Aug-24** to **29-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>21:44</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>2:15</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>90.62%</b>	<b>21:44</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>9.38%</b>	<b>2:15</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>92%</b>	<b>8%</b>		Glare	<b>50%</b>	<b>29%</b>	<b>21%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>4%</b>	<b>25%</b>	<b>71%</b>		Sea State	<b>46%</b>	<b>54%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **30-Aug-24** to **30-Aug-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:14</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>0:45</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>74.43%</b>	<b>17:51</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>22.45%</b>	<b>5:23</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>3.13%</b>	<b>0:45</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>88%</b>	<b>13%</b>		Glare	<b>75%</b>	<b>13%</b>	<b>4%</b>	<b>8%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>71%</b>	<b>29%</b>		Sea State		<b>83%</b>	<b>17%</b>	

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **31-Aug-24** to **31-Aug-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>22:14</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>5</b>
Total Standby/Downtime	(hh:mm)	<b>1:45</b>	Total Number of Individual(s) Detected	(#)	<b>5</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>85.41%</b>	<b>20:29</b>	<b>5</b>	<b>5</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>7.30%</b>	<b>1:45</b>			Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>7.30%</b>	<b>1:45</b>		
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei	<b>2</b>			
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>3</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>38%</b>	<b>63%</b>			Glare	<b>46%</b>	<b>4%</b>	<b>38%</b>	<b>13%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>38%</b>	<b>63%</b>			Sea State	<b>42%</b>	<b>58%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **01-Sep-24** to **01-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>18:34</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>3</b>
Total Standby/Downtime	(hh:mm)	<b>5:25</b>	Total Number of Individual(s) Detected	(#)	<b>3</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>77.41%</b>	<b>18:34</b>	<b>3</b>	<b>3</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>16.26%</b>	<b>3:54</b>		
Oth - Vessel Transit	<b>6.32%</b>	<b>1:31</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right	<b>1</b>			
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei	<b>1</b>	<b>1</b>		
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>13%</b>	<b>38%</b>	<b>50%</b>		Glare	<b>46%</b>	<b>42%</b>	<b>13%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>13%</b>	<b>88%</b>			Sea State	<b>33%</b>	<b>67%</b>		

Note:

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**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **02-Sep-24** to **02-Sep-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>13:47</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>2</b>
Total Standby/Downtime	(hh:mm)	<b>10:12</b>	Total Number of Individual(s) Detected	(#)	<b>7</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>57.47%</b>	<b>13:47</b>	<b>2</b>	<b>7</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>42.53%</b>	<b>10:12</b>		
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke	<b>2</b>			
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei	<b>5</b>			
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>67%</b>	<b>8%</b>	<b>25%</b>	Glare	<b>54%</b>	<b>8%</b>	<b>29%</b>	<b>8%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>17%</b>	<b>83%</b>			Sea State	<b>17%</b>	<b>83%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **03-Sep-24** to **03-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>17:50</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>4</b>
Total Standby/Downtime	(hh:mm)	<b>6:09</b>	Total Number of Individual(s) Detected	(#)	<b>14</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>74.36%</b>	<b>17:50</b>	<b>4</b>	<b>14</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>22.72%</b>	<b>5:27</b>		
Oth - Vessel Transit	<b>2.92%</b>	<b>0:42</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback	<b>2</b>			
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei	<b>11</b>			
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>1</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>38%</b>	<b>63%</b>			Glare	<b>46%</b>		<b>25%</b>	<b>29%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>4%</b>	<b>38%</b>	<b>58%</b>		Sea State		<b>42%</b>	<b>58%</b>	

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **04-Sep-24** to **04-Sep-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>16:16</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>4</b>
Total Standby/Downtime	(hh:mm)	<b>7:43</b>	Total Number of Individual(s) Detected	(#)	<b>12</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>67.82%</b>	<b>16:16</b>	<b>3</b>	<b>7</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>30.58%</b>	<b>7:20</b>		
Oth - Vessel Transit	<b>1.60%</b>	<b>0:23</b>	<b>1</b>	<b>5</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown	<b>3</b>				Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei	<b>5</b>			
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>4</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>100%</b>			Glare	<b>46%</b>	<b>8%</b>	<b>21%</b>	<b>25%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>4%</b>	<b>96%</b>			Sea State	<b>8%</b>	<b>92%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **05-Sep-24** to **05-Sep-24**

Vessel Name	Fugro Resilience			Survey Type	Geotechnical		
Total Operational Time	(hh:mm)	<b>18:06</b>		Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>	
Total VSA Mitigation Time	(hh:mm)	<b>0:01</b>		Total Number of Detections	(#)	<b>4</b>	
Total Standby/Downtime	(hh:mm)	<b>5:53</b>		Total Number of Individual(s) Detected	(#)	<b>9</b>	

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>36.48%</b>	<b>8:45</b>	<b>2</b>	<b>7</b>	Mit - Change Course (CC)	<b>0.07%</b>	<b>0:01</b>		
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>10.15%</b>	<b>2:26</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>28.77%</b>	<b>6:54</b>			Mit - None Required	<b>7.37%</b>	<b>1:46</b>		
Oth - Vessel Transit	<b>17.16%</b>	<b>4:07</b>	<b>2</b>	<b>2</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback	<b>5</b>			
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>4</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>8%</b>	<b>92%</b>			Glare	<b>46%</b>		<b>4%</b>	<b>50%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>100%</b>			Sea State		<b>79%</b>	<b>21%</b>	

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **06-Sep-24** to **06-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>16:34</b>	Total Visual Monitoring Time	(hh:mm)	<b>9:00</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>7:25</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>69.08%</b>	<b>16:34</b>			Mit - None Required				
Oth - Vessel Transit	<b>30.92%</b>	<b>7:25</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>78%</b>	<b>22%</b>		Glare	<b>100%</b>			
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>100%</b>			Sea State		<b>100%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **07-Sep-24** to **07-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>15:50</b>	Total Visual Monitoring Time	(hh:mm)	<b>11:49</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>8:09</b>	Total Number of Individual(s) Detected	(#)	<b>4</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>15.29%</b>	<b>3:40</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime	<b>50.73%</b>	<b>12:10</b>			Mit - None Required	<b>0.35%</b>	<b>0:05</b>		
Oth - Vessel Transit	<b>33.63%</b>	<b>8:04</b>	<b>1</b>	<b>4</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose	<b>4</b>				Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>17%</b>	<b>83%</b>		Glare	<b>58%</b>	<b>8%</b>	<b>8%</b>	<b>25%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>83%</b>	<b>17%</b>		Sea State		<b>100%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **08-Sep-24** to **08-Sep-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>69.84%</b>	<b>16:45</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>19.74%</b>	<b>4:44</b>			Mit - SR and CC				
Oth - Weather Downtime	<b>10.42%</b>	<b>2:30</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>71%</b>	<b>29%</b>			Glare	<b>42%</b>	<b>8%</b>		<b>50%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>71%</b>	<b>29%</b>		Sea State		<b>67%</b>	<b>33%</b>	

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **09-Sep-24** to **09-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>14:28</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>7</b>
Total Standby/Downtime	(hh:mm)	<b>9:31</b>	Total Number of Individual(s) Detected	(#)	<b>30</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>58.93%</b>	<b>14:08</b>	<b>6</b>	<b>29</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime	<b>1.39%</b>	<b>0:20</b>			Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>35.58%</b>	<b>8:32</b>		
Oth - Vessel Transit	<b>4.10%</b>	<b>0:59</b>	<b>1</b>	<b>1</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)	<b>1</b>				Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback	<b>14</b>			
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common	<b>12</b>				Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>3</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>67%</b>	<b>33%</b>			Glare	<b>50%</b>		<b>21%</b>	<b>29%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>100%</b>			Sea State		<b>100%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **10-Sep-24** to **10-Sep-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>21:53</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>5</b>
Total Standby/Downtime	(hh:mm)	<b>2:06</b>	Total Number of Individual(s) Detected	(#)	<b>17</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>91.24%</b>	<b>21:53</b>	<b>4</b>	<b>16</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>4.66%</b>	<b>1:07</b>		
Oth - Vessel Transit	<b>4.10%</b>	<b>0:59</b>	<b>1</b>	<b>1</b>					

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose	<b>1</b>				Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback	<b>1</b>			
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common	<b>12</b>				Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin	<b>3</b>				Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>71%</b>	<b>29%</b>			Glare	<b>42%</b>		<b>21%</b>	<b>38%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>21%</b>	<b>79%</b>			Sea State	<b>33%</b>	<b>67%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **11-Sep-24** to **11-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>22:43</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>1</b>
Total Standby/Downtime	(hh:mm)	<b>1:16</b>	Total Number of Individual(s) Detected	(#)	<b>50</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>94.72%</b>	<b>22:43</b>	<b>1</b>	<b>50</b>	Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required	<b>2.50%</b>	<b>0:36</b>		
Oth - Vessel Transit	<b>2.78%</b>	<b>0:40</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common	<b>50</b>				Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>25%</b>	<b>75%</b>			Glare	<b>63%</b>	<b>13%</b>	<b>21%</b>	<b>4%</b>
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>54%</b>	<b>46%</b>			Sea State	<b>100%</b>			

Note:

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**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **12-Sep-24** to **12-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>22:49</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>1:10</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>95.14%</b>	<b>22:49</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>4.86%</b>	<b>1:10</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>75%</b>	<b>25%</b>			Glare	<b>50%</b>	<b>33%</b>	<b>17%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>29%</b>	<b>71%</b>			Sea State	<b>83%</b>	<b>17%</b>		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **13-Sep-24** to **13-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>100.00%</b>	<b>23:59</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	13%	88%			Glare	42%	8%	46%	4%
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	4%	96%			Sea State	54%	46%		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **14-Sep-24** to **14-Sep-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>22:57</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>1:02</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>95.69%</b>	<b>22:57</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>4.31%</b>	<b>1:02</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	<b>63%</b>	<b>38%</b>			Glare	<b>42%</b>	<b>38%</b>	<b>21%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force	<b>21%</b>	<b>79%</b>			Sea State	<b>71%</b>	<b>29%</b>		

Note:

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**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **15-Sep-24** to **15-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>23:21</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>0:38</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>80.54%</b>	<b>19:19</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>16.82%</b>	<b>4:02</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>2.64%</b>	<b>0:38</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover	13%	83%	4%		Glare	46%	25%	29%	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		96%	4%		Sea State	8%	92%		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **16-Sep-24** to **16-Sep-24**

Vessel Name	Fugro Resilience		Survey Type	Geotechnical	
Total Operational Time	(hh:mm)	<b>23:59</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)		Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying	<b>15.15%</b>	<b>3:38</b>			Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>84.85%</b>	<b>20:21</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit									

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>63%</b>	<b>38%</b>		Glare	<b>54%</b>	<b>13%</b>	<b>33%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>92%</b>	<b>8%</b>		Sea State		<b>75%</b>	<b>25%</b>	

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **17-Sep-24** to **17-Sep-24**

Vessel Name	<b>Fugro Resilience</b>		Survey Type	<b>Geotechnical</b>	
Total Operational Time	(hh:mm)	<b>16:30</b>	Total Visual Monitoring Time	(hh:mm)	<b>23:59</b>
Total VSA Mitigation Time	(hh:mm)		Total Number of Detections	(#)	<b>0</b>
Total Standby/Downtime	(hh:mm)	<b>7:29</b>	Total Number of Individual(s) Detected	(#)	<b>0</b>

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime	<b>68.80%</b>	<b>16:30</b>			Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	<b>31.20%</b>	<b>7:29</b>							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover		<b>13%</b>	<b>88%</b>		Glare	<b>54%</b>	<b>33%</b>	<b>13%</b>	
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		<b>96%</b>	<b>4%</b>		Sea State		<b>100%</b>		

Note:  
 This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

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REPORT SUMMARY



Client **Bluepoint Wind**  
 Project **Fugro/Bluepoint Wind Geotech 2024**

Report **DAILY**  
 Date **18-Sep-24** to **18-Sep-24**

Vessel Name	Fugro Resilience			Survey Type	Geotechnical		
Total Operational Time	(hh:mm)			Total Visual Monitoring Time	(hh:mm)	13:35	
Total VSA Mitigation Time	(hh:mm)			Total Number of Detections	(#)	0	
Total Standby/Downtime	(hh:mm)	13:35		Total Number of Individual(s) Detected	(#)	0	

(VSA Mitigation Time = CC + SR + SN)

**Survey Activity - Monitoring - Detections**

	Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)		Occurrence (%)	Duration (hh:mm)	Detection (#)	Individual (#)
Ops - Surveying					Mit - Change Course (CC)				
Ops - Other Operations					Mit - Speed Reduction (SR)				
Ops - Operational Downtime					Mit - SR and CC				
Oth - Weather Downtime					Mit - Shift to Neutral (SN)				
Oth - Other Downtime					Mit - None Required				
Oth - Vessel Transit	100.00%	13:35							

**Species Detections [Number of Individual(s) Detected]**

Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)	Name	Day Visual (#)	Night Visual (#)	Handheld IR (#)	NVD (#)
Unknown					Sea Turtle, Leatherback				
Unknown, Not Likely Large Whale					Sea Turtle, Loggerhead				
Delphinid (size unknown)					Whale, Large Whale (unknown)				
Delphinid, Large (NSE)					Whale, Blainville's Beaked				
Delphinid, Small (SE)					Whale, Bryde's				
Dolphin, Atlantic Spotted					Whale, Cuvier's Beaked				
Dolphin, Bottlenose					Whale, Dwarf Sperm				
Dolphin, Clymene					Whale, False Killer				
Dolphin, Fraser's					Whale, Gervais' beaked				
Dolphin, Pantropical Spotted					Whale, Humpback				
Dolphin, Risso					Whale, Killer				
Dolphin, Rough-Toothed					Whale, Melon-headed				
Dolphin, Short Beaked Common					Whale, Minke				
Dolphin, Spinner					Whale, North Atlantic Right				
Dolphin, Striped					Whale, Pygmy Killer				
Manatee					Whale, Sei				
Sea Turtle, Unknown					Whale, Short-finned Pilot				
Sea Turtle, Green					Whale, Sowerby's beaked				
Sea Turtle, Hawksbill					Whale, Sperm				
Sea Turtle, Kemp's Ridley					Whale, Sperm				
Ray, Giant Manta					Sawfish, Smalltooth				
Whale, Fin					Shark, Scalloped Hammerhead				
Sturgeon, Atlantic					Shark, Oceanic Whitetip				
Sturgeon, Shortnose									

(SE: Shutdown Exempt; NSE: Not shutdown Exempt)

**Environmental Conditions**

Cloud cover Scale	Clear	Part Cloudy	Overcast	Cloudy	Glare Scale	None	Minimal	Moderate	Extreme
Cloud Cover			100%		Glare	100%			
Beaufort Scale	0-2	3-5	6-8	9-12	Beaufort Scale	0-2	3-5	6-8	9-12
Wind Force		79%	21%		Sea State	29%	71%		

Note:

This report contains preliminary data collected during operations. These preliminary data will undergo additional rounds of quality assurance/quality control (QA/QC) prior to analysis,

**Distribution List**

<b>Name</b>	<b>Email</b>	<b>Name</b>	<b>Email</b>
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## APPENDIX C. PROTECTED SPECIES INDIVIDUAL DETECTION SUMMARIES

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
N/A	Bluepoint Wind	Fuguro Resilience	Transit	No	D1

**Activity - Time – Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
7/31/2024	Margaret McDonald	PSOstaff@aisobservers.com 508-990-9054	Daylight Visual	10	16
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
14:20	500	350	40.5232	74.0074	14:25

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Dolphin, Bottlenose	Definite	15	13	20	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Milling	Change Direction	12	1	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
116	3:30	Towards vessel	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 14:20 EDT, a pod of ~15 bottlenose dolphins were observed ~500 m off the starboard side between the 3-4 o'clock position while transiting. A few dolphins with gray coloration and tall falcate dorsal fins were seen milling in the area in smaller groups of 3-6. The Closest point of Approach (CPA) was at 14:23 EDT ~350 m off the starboard side of the vessel when ~6 dolphins changed direction and swam towards the vessel. The last sighting was at 14:25 EDT when the Fuguro Resilience passed the pod. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	None Required	0:00	None Required	0:00

**VSA Action Description**

None Required

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	None Required

**Post Strike Action Description**

No Strike

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Station Keeping	No	D2

**Activity - Time – Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/1/2024	Margaret McDonald	PSOstaff@aisobservers.com 508-990-9054	Daylight Visual	0	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:18	430	430	39.9653	-72.8913	13:07

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Sea Turtle, Leatherback	Definite	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Logging	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
324	4:00	Stationary	2	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 12:18 EDT, a single leatherback sea turtle was observed basking ~320 m off the starboard side at the 4:00 o'clock position while keeping station. A dark carapace with ridges running from head to tail, along with a carapace length of at least 3 ft, were all characteristics that were used to identify the turtle to species. The Closest point of Approach (CPA) was also the initial time of sighting at 12:18 EDT and ~320 m off starboard side of the vessel. The last sighting was at 13:07 EDT while the sea turtle was still basking at the surface of the water. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	None Required	0:00	None Required	0:00

**VSA Action Description**

None Required					
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	None Required

**Post Strike Action Description**

No Strike					
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Station Keeping	No	D3

**Activity - Time – Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/7/2024	Chris Barron	PSOstaff@aisobservers.com m 508-990-9054	Daylight Visual	0	49
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
10:47	7000	7000	39.9406	-72.8367	10:48

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
160	3:00	Unknown	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 10:47 EDT, a probable fin whale was observed ~7 km off the starboard bow at the 3 o'clock position, while keeping station. A tall blow was spotted by PSO CB near the horizon. A minute later, a subsequent blow was spotted by PSO MM through binoculars, and a distance was obtained. The whale is likely a fin whale due to the blow being seen from 7km, while being tall and elliptical in shape. The Closest point of Approach (CPA) was at the initial time of sighting. The last sighting was at 10:48 EDT when PSO MM spotted the blow through binoculars. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	None Required	0:00	None Required	0:00

**VSA Action Description**

None Required

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	None Required

**Post Strike Action Description**

No Strike



## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 4

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/10/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	8	44
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
13:20	1000	1000	39.8505	73.2186	13:20

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
71	1:00	Other	2	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 13:20 EDT, a single humpback was observed ~1 km off the starboard bow at the 1 o'clock position, while transiting. A single broad and bushy blow was used to identify the animal. The closest point of approach (CPA) was at the initial and final time of sighting at 13:20, when the single blow was seen. The direction the animal was traveling was unable to be obtained due to only seeing one blow and no other visible cues. The officers in the wheelhouse were alerted to the whale and distance on the chance that the whale was traveling towards the path of the vessel. The humpback whale was not seen again; and no VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Operational Downtime	No	D 5

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/11/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	55
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
15:45	150	100	39.9616	-72.7558	16:01

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Sea Turtle, Loggerhead	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Logging	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
181	5:30	Crossing perpendicular behind the ship	1	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 15:45 EDT, a Loggerhead turtle was observed ~150 m off the stern at the 5:30 o'clock position, while keeping station. A brown carapace with barnacles and a head with yellow coloring were characteristics used to identify the animal. The turtle drifted from the 5:30 o'clock position towards the 8:00 o'clock position. The Closest point of Approach (CPA) was at 15:47 EDT, ~100 m off the stern of the vessel. The last sighting was at 16:01 EDT when the turtle dove. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 6

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/12/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	3	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:20	1100	1100	39.9174	-72.7458	12:22

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Sea Turtle, Loggerhead	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Logging	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
101	8:30	Stationary	2	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 12:20 EDT, a loggerhead sea turtle was observed ~1100 m off the port side at the 8:30 o'clock position, while transiting. A brown carapace with barnacle growth were key characteristics used to identify this species. The Closest point of Approach (CPA) was at 12:20 EDT at ~1100 m. The last sighting was at 12:22 EDT. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 7

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/12/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	3	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:28	1500	700	39.9174	-72.7458	12:30

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Sea Turtle, Loggerhead	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Logging	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
101	10:00	Stationary	2	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 12:28 EDT, a loggerhead sea turtle was observed ~1500 m off the port bow at the 10:00 o'clock position, while transiting. A brown carapace with barnacle growth were key characteristics used to identify this species. The Closest point of Approach (CPA) was also the last sighting at 12:29 EDT and ~700 m. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 8

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/14/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
14:32	7000	7000	39.9172	-72.7416	14:36

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Probable	2	2	3	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Splashing	None	2	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
311	6:00	Stationary	2	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 14:32 EDT, a group of possible fin whales was observed ~7 km off the stern at the 6 o'clock position, while keeping station. A large splash was the initial cue to the whales. Following the splashing, two blows were then seen with binoculars, both very tall and likely from 1 individual. Noticed 5 blows in total from slightly different areas. When diving, a small splash was noticed following a blow, and the whale's body became visible. This occurred twice within 10 seconds, leading to a minimum of 2 individuals being in the area. The Closest point of Approach (CPA) was at the final time of the sighting at 14:36 EDT, when the whales were just below 7 km away. The key factors in identifying this species were the height of the blow and elliptical shape, and the visible roll of the whales' body on dive. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Other	No	D 9

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/14/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
18:01	7000	7000	39.9172	-72.7416	18:04

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Probable	3	2	3	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	3	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
311	6:00	Stationary	2	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 1801 EDT, possible fin whales were observed ~7 kilometers at 6:00 o'clock position, while vessel was keeping station. Blows were first sighted, followed by binocular visual of multiple blows. The blows counting 12 in all, and rolling behavior was being observed. The observed blows were tall and elliptical. The distance and location of the sighting remained the same for the duration of the encounter. The last sighting was at 1804 EDT. These whales are possibly the same whales that were sighted earlier in the day by PSO MM. No VSA required or enacted. No vessel strike occurred. No photographs.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----



## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 10

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/22/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	12	15
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
13:44	600	300	40.4860	-73.9153	13:46

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Dolphin, Bottlenose	Definite	8	8	10	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	8	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
116	9:00	Toward the ship	4	Moderate (Bf 4 and/or vis 500-1km)	None

## Animal Description and Detailed Narrative of Detection

At 13:44 EDT, a single bottlenose dolphin was observed ~600 m off the port side at the 9:00 o'clock position, while transiting. Over the next 2 minutes, 7 other dolphins also traveled from the port side towards our vessel. An entirely gray body was seen on a breach, and the dolphins possessed large falcate dorsal fins; both were used to identify this dolphin to species. The Closest point of Approach (CPA) was at EDT ~300 m off the port side of the vessel. The last sighting was at 13:46 EDT when the last 3 dolphins swam towards the vessel. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
-----



## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 11

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/31/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
7:40	500	500	39.9172	-73.7414	8:25

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Definite	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
90	3:00	Away from the ship	0	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 07:40 EDT a sei whale was seen ~500m off the starboard side at the 3:00 o'clock position, while keeping station. The closest point of approach (CPA) was the initial time of sighting at 07:40 EDT ~ 500m; when 3 consecutive blows were seen. The whale's body barely broke the surface of the water with rostrum, and a strongly falcate dorsal remained visible while slowly sinking below the water's surface. The sei whale surfaced ~ 9 times while traveling southeast. The whale was last seen at ~ 7km off the starboard bow at the 2:00 o'clock position, at 8:25 EDT. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 12

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/31/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:43	4000	3500	39.9172	-72.7414	9:00

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Definite	1	1	4	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
90	5:00	Parallel to ship in the same direction	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 08:43 EDT, PSO CB was alerted to the presence of "something" off the aft starboard quarter of the vessel by the chief mate. A series of blows were observed at ~4000m in the location indicated by the chief at the 5:00 location on the clock face relative to vessel heading. The animal was travelling in a general direction parallel to the vessel heading. Several surfaces were noted, each with 4-5 associated blows. The animal was last seen in the same general location of the initial sighting at ~09:00 EDT, with a CPA of ~3500m. Tall blows, dark grey with lighter colored sides/chevron posterior of the head/rostrum, head and blow break surface simultaneously with 4-5 blows before brief dive distinguished it as a fin whale. 4 photos were taken. The vessel was stationary and surveying. No mitigation was required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 13

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/31/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
11:29	8500	8500	39.9172	-72.7414	11:45

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Definite	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
90	2:30	Away from the ship	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 11:29 EDT, PSO CB noticed tall, consecutive blows at 2:30 relative to vessel heading at a range of ~8500m. The animal was travelling at the surface with shallow dives between series of blows in a direction generally away from the vessel. Last sighting was in the general area of the initial sighting and distance at 11:45 EDT. 0 photos were taken. Tall blows in series of 4-5 before brief dive, relatively small and blunt dorsal that meets body at a smooth angle distinguished it as a fin whale. The vessel at the time of the sighting was stationary and surveying. No mitigation was required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 14

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/31/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:14	10000	10000	39.9172	-72.7414	12:15

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
90	1:00	Away from the ship	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 12:14 EDT, 5 consecutive blows were seen ~10km off the bow at the 1:00 o'clock position, while keeping station. Due to the distance, height of the blows and the presence of a fin whale traveling in the same direction ~45 minutes prior, it is believed to be the same species and probably the same individual. The Closest point of Approach (CPA) was also the initial time of sighting at 12:14 EDT ~10km. The last sighting was at 12:15 EDT when the final blow was seen. No dive was observed at this distance. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----



## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 15

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
8/31/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
14:30	12000	9000	39.9172	-72.7414	14:56

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Possible	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
91	4:30	Other	2	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 14:30 EDT, a possible sei whale was observed ~12km off the starboard side at the 4:30 o'clock position, while keeping station. Two elliptical, consecutive blows were seen at 14:30 and 14:56, with one blow seen at 14:52. The Closest point of Approach (CPA) was at the last sighting at 14:56 EDT ~9km off the starboard side of the vessel, at the ~4:45 o'clock position. The whales body was visible on last sighting, but the distance was too great and glare to strong, to be able to see a fin or to know if the whale was rolling on the dive. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 16

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/1/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:21	8000	7000	39.9621	-72.7561	16:15

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, North Atlantic Right	Probable	1	1	2	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
226	0:30	Crossing perpendicular ahead of ship	3	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

From 12:21 EDT to 16:15 EDT, PSO MM and SB observed a series of blows, some elliptical and some more V shaped and bushy. The blows traveled from 12:30 o'clock towards the 11:30 o'clock position, with both the initial and final distance being ~8km. Whales stayed within the range of ~7-10km. When blows were at the Closest Point of Approach (CPA) at ~7km, a series of 5 blows was seen, the first two being bushier and V shaped, the following 3 were smaller but still bushy. Simultaneously another whale's blow was seen that appeared taller and more elliptical. This confirmed there are at least 2 whales in the area, one is probably a sei or fin whale, and the other is probably a NARW. Over the 4 hours most elliptical blows occurred in sets of 2-3 and most of the more V shaped and slightly bushier blows occurred in sets of 3-5. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	Yes

## Post Strike Action Description

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 17

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/1/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:21	8000	7000	39.9621	-72.7561	16:15

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Possible	1	1	2	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
226	0:30	Crossing perpendicular ahead of ship	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

From 12:21 EDT to 16:15 EDT, PSO MM and SB observed a series of blows, some elliptical and some more V shaped and bushy. The blows traveled from 12:30 o'clock towards the 11:30 o'clock position, with both the initial and final distance being ~8km. Whales stayed within the range of ~7-10km. When blows were at the Closest Point of Approach (CPA) at ~7km, a series of 5 blows was seen, the first two being bushier and V shaped, the following 3 were smaller but still bushy. Simultaneously another whale's blow was seen that appeared taller and more elliptical. This confirmed there are at least 2 whales in the area, one is probably a sei or fin whale, and the other is probably a NARW. Over the 4 hours most elliptical blows occurred in sets of 2-3 and most of the more V shaped and slightly bushier blows occurred in sets of 3-5. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	Yes

**Post Strike Action Description**

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 18

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/1/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Night Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
19:44	800	800	39.9621	-72.7561	19:44

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Possible	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
226	1:00	Other	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 19:44 EDT, a single blow was observed ~800 m off the bow at the 1 o'clock position, while keeping station. A single blow was noticed PSO MM went onto the bow and was sighted just after it had formed. Blow appeared to be slightly elliptical in shape and while tall, did not appear to be the 5-6m height that a fin whales blow can reach. This blow most likely belongs to a sei or fin whale, more blows or a sighting while the blow was being formed would have been needed to confirm. PSO MM and SB looked for more blows, but none were spotted. Sighting conditions included the sun already being set and light quickly fading. The Closest point of Approach (CPA) was also the initial and final time of sighting and distance at 19:44 EDT. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 19

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/2/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
7:10	1000	1000	39.9621	-72.7561	7:30

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Minke	Definite	2	2	2	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	2	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
211	3:00	Crossing perpendicular behind the ship	5	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 07:10 EDT PSO SB saw short bushy blows at the 3:00 o'clock moving quickly behind the stern of the vessel to the 8:00 o'clock position, at a range of between ~1km – 3km. Simultaneous blows indicated 2 whales. Last sighting was at 07:30, at a distance of 3km. Photos were taken that confirm the identification as minke whales. No mitigation was required. No vessel strikes occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 20

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/2/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:28	4500	1000	39.9621	-72.7561	18:20

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Definite	5	4	8	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	5	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
210	0:30	Stationary	5	Poor (Bf >4 and/or vis < 500 m)	None

**Animal Description and Detailed Narrative of Detection**

At 09:28 EDT, PSO CB noticed several tall, elliptical blows from 00:30 - 2:00 o'clock position, at a range of between ~1.8-4.5 km. Simultaneous blows at different distances indicated the presence of multiple animals. PSO MM took over watch and whales slowly moved towards port side, staying from 9:00 - 1:00 o'clock position, at a range of ~1-5 km. From 15:00-15:35 the vessel was in transit at a maximum speed of 9.1 knots. Whales were occasionally seen during this period and were typically 5-8 km away from the vessel. Captain was made aware of blows and location while in transit. Whales are still visible from the new survey location and PSO SB took over watch. Blows observed at the 8:00 o'clock position, with 2 whales moving to the 3:00 and 4:00 o'clock. The last sighting was at 18:20 EDT, at 8km. Photos confirm the identification as sei whales. No mitigation was required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 21

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/3/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	50
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:33	300	300	39.9637	-72.8201	10:15

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Definite	6	4	8	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	6	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
38	3:15	Other	7	Poor (Bf >4 and/or vis < 500 m)	None

## Animal Description and Detailed Narrative of Detection

At 08:33 EDT, PSO CB was alerted by the chief to the presence of a whale close off ~300m the starboard side of the vessel at ~3:15 o'clock position. Whale could be seen beneath the water. Subsequent blows were noticed at a greater distance of between 1200-2000m at 5:00 relative to vessel heading. Simultaneous blows in multiple locations indicated the presence of multiple animals. At ~09:15 EDT the animals again appeared nearer the vessel at ~800-1000m at the 3:00 position and travelling in the direction of the vessel heading. Animals were tracked until 10:30 EDT and out to ~8000m before they were lost to the horizon, sea state and glare at the 1:30 position. Moderate elliptical blows in succession, dark long body, no arching or wheeling when diving/after blows, dorsal fin is falcate, meeting the body at a steep angle. No photos. No mitigation required. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
-----





## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 22

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/3/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	49
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
13:40	4000	4000	39.9415	-72.8367	15:22

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Possible	5	3	7	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	5	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
47	4:30	Away from the ship	6	Poor (Bf >4 and/or vis < 500 m)	None

## Animal Description and Detailed Narrative of Detection

At 13:40 EDT, possible sei whales were observed ~ 4-8 km off the starboard stern between the 4:30 – 5:30 o'clock positions, while surveying. Blows from multiple locations and ranges indicate the presence of multiple whales, with the best guess being 5 whales. Blows were elliptical in nature and moderate to tall in size. A small fin was seen. Due to the distance of the sighting and the rough seas, it is unknown what angle the fin connects with the back of the whale. Over the course of the sighting, whales slowly moved towards the 5:50-6:30 o'clock positions. The last sighting was at 15:22 EDT when a blow was seen ~ 8km away at the 6:30 o'clock position. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 23

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/3/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
17:02	3500	3500	39.9415	-72.8367	19:05

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Definite	2	2	3	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	2	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
71	3:00	Parallel to ship in opposite direction	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 17:02 EDT broad bushy blows were noticed at the 3:00 o'clock position, moving slowly further away from the vessel to the 5:00 o'clock position, at a range of between ~3.5km - 8km. Simultaneous blows indicated 2 to 3 whales. Small dorsal fins, flukes, and arched backs were observed when diving. One small breach was also observed. Last sighting was at 19:05, at a distance of 8km. Photos were taken that confirm the identification as humpback whales. No mitigation was required. No vessel strikes occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 24

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/3/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
17:57	9000	9000	39.9415	-72.8367	17:57

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Possible	1	1	2	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
71	1:00	Other	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 17:57 EDT, 3 elliptical blows were seen from a distance of ~9km at the 1 o'clock position. This was the first and last sighting of these blows. The elliptical nature of the blows and the distance at which they were seen indicates they are fairly tall. Lending them to possibly be blows of a fin whale. No mitigation required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 25

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/4/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	49
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
7:05	1500	1000	39.9415	-72.8367	12:58

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Definite	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
71	3:00	Other	3	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 07:05 EDT a fin whale was seen at the 3 o'clock position at ~1.5 km. Whale slowly swam towards the 12:00 position and milled from the 11-1 o'clock position at 1-3 km, until 12:20 EDT. Then the whale swam towards the 2 o'clock position. Last sighting was at 12:58 EDT at ~5 km. Photos were taken by PSO SB and showed what appears to be chevron coloration as well as a dorsal fin with a blunt tip. PSO MM confirmed presence of chevron pattern on back with binoculars and PSO CB observed lower right jab is white in color. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 26

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/4/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	49
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:05	9000	5000	39.9415	-72.8367	13:20

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Possible	3	2	5	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	3	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
71	12:00	Other	3	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 08:05 EDT, PSO CB observed blows ~ 9 km off the bow at the 12 o'clock position, while keeping station. Multiple blows seen at slightly different locations indicates the presence of multiple whales. Blows were tall elliptical in nature, and were possibly fin whales, due to the height of blows. Whales stayed at the 12-1 o'clock position at ~8-10 km, until ~ 12:45 EDT when whales began moving in the direction of the vessel. The Fugro Resilience began moving stations at 13:05 and PSO MM continued to monitor whales while in transit, vessel never exceeded 3.5 knots. Whales were always 5km or greater from the vessel. The Last sighting was at 13:20 EDT at the 5 o'clock position. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 27

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/4/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	3	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
13:43	3000	3000	39.9665	-72.8447	14:36

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Sei	Possible	5	4	7	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	5	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
346	9:00	Stationary	3	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 13:43EDT, a group of possible sei whales were observed ~3 km off the port side at the 9 o'clock position, while transiting. Multiple blows were seen in various areas, indicating the presence of 4-7 animals. Blows were elliptical in shape and a small falcate dorsal fin was observed. At least 2 of whales were closer to a recreational vessel at ~7 km at 8 o'clock, with 2-3 other whales at the 8:30 - 9 o'clock positions. Blows were seen multiple times while in transit. Once the Fugro Resilience arrived on location, blows could be seen off the stern in the relative location of the last sighting of the pod of whales. Whales are now in the vicinity of an extreme glare and are closer to 8-10 km away from the stern, leading to the last sighting at 14:36 EDT. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 28

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/4/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	47
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
17:28	10000	10000	39.9912	-72.8511	17:40

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Large Whale (unknown)	Definite	3	2	5	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	3	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
91	4:00	Away from the ship	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 17:28 EDT blows were noticed at the 4:00 o'clock position, moving slowly further away from the vessel, at a range of between ~10km – 15km. Simultaneous blows indicated 2 to 5 whales. The unknown whales were too far to see any defining characteristics. Sightings ended at 17:40. No photos were taken. No mitigation was required. No vessel strikes occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 29

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/5/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
10:01	10000	8500	39.9648	-72.8905	10:57

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Definite	4	2	8	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Breach	None	4	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
100	7:00	Stationary	6	Poor (Bf >4 and/or vis < 500 m)	None

**Animal Description and Detailed Narrative of Detection**

At 10:01 EDT, PSO CB noticed a large splash ~10000m from the vessel at the 7:00 position. CPA was ~8500m. Simultaneous blows and splashes indicated the presence of multiple animals. Subsequent breaches, fin slapping, tail slapping, fluking, white coloration on fins and flukes, large bushy blows characterized the animals as humpback whales. A final blow was seen at 10:57 EDT. Photos were taken. No mitigation was required. No vessel strikes occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 30

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/5/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
13:08	7000	6000	39.9648	-72.8905	13:57

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Possible	3	2	6	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	3	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
81	4:30	Stationary	6	Poor (Bf >4 and/or vis < 500 m)	None

**Animal Description and Detailed Narrative of Detection**

At 13:08 EDT blows were noticed ~7km off the starboard side at the 4:30 o'clock position. Blows ranged from tall to small with smaller blows appearing bushier in appearance. The shape of tall blows was difficult to determine due to winds of over 20 knots. A dorsal fin was noticed on one whale shortly after a blow and the fin met the back of the animal at a gentle slope. Characteristics of this encounter most closely match humpbacks or fin whales. No fin slapping nor flukes were noticed during the near hour-long sighting, leading PSO MM to believe fin whales are more likely. Multiple blows from various locations indicate the presence of 2-6 animals, with the best estimate being 3. Whales were at the 4-5 o'clock position at a range of 6-8 km. Last observed at 13:57 EDT and vessel was in transit away from that location at 14:00 EDT.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 31

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/5/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	4	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
14:05	750	600	39.9587	72.8941	14:06

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
294	11:45	Crossing perpendicular ahead of ship	6	Poor (Bf >4 and/or vis < 500 m)	None

## Animal Description and Detailed Narrative of Detection

At 14:05 EDT a possible fin whale was observed ~750 m off the bow at the 11:45 o'clock position while vessel was in transit. A single blow was seen followed by a gray back, and falcate dorsal fin. The animal was leaving an area of extreme glare so color may have been partially distorted. PSO MM and chief officers in wheelhouse quickly determined whale was crossing the vessel from the port to the starboard side. Vessel had only just gotten underway and was going a speed of 4.4 knots. The Chief officer changed the heading 15 degrees to port to avoid the direction the animal was heading. The animal was last sighted at the 12:45 o'clock position ~600 m ahead of the vessel at 14:06 EDT. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
Yes	Mit - Change Course	14:05	Yes	14:05

## VSA Action Description

Whale was first observed at the ~750m at the 11:45 position. Captain asked if the Fugro Resilience should alter course and PSO and officers quickly determined which direction the animal was moving, which was from the port to starboard perpendicular across the bow. Fugro Resilience altered course from a heading of ~295 to a heading of ~280. Exclusion zone of 500 m was maintained. No vessel strike occurred.

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

PSO MM maintained a vigilant watch ahead of the boat, focusing primarily on the area the whale had come from. This was in case the whale was not traveling alone, and Fugro Resilience needed to mitigate for more whales. No additional whales were noticed, and the vessel maintained the new heading.

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 32

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/5/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	6	48
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
14:15	4500	4500	39.9637	-72.9121	14:16

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
299	3:00	Parallel to ship in opposite direction	6	Poor (Bf >4 and/or vis < 500 m)	None

**Animal Description and Detailed Narrative of Detection**

At 14:15 EDT, a humpback was observed ~4.5 km off the starboard side at the 3 o'clock position, while transiting. Two bushy low blows were noticed followed by the fluke as the animal dove. The animal was not sighted again as the Fugro Resilience maintained course and speed away from the animal. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 33

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/7/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	11	20
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
13:40	300	150	40.4565	-73.8228	13:45

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Dolphin, Bottlenose	Definite	4	3	6	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	4	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
140	12:00	Toward the ship	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 13:40 EDT, a bottlenose dolphin was observed swimming towards the bow at the 12 o'clock position, at ~300 m. More dolphins were seen at 9 o'clock and again at 12 o'clock, dolphins were typically swimming in the direction of the bow. Dolphins had falcate dorsal fins and gray bodies, identifying them as bottlenose dolphins. The best estimate is 4 dolphins in total over the sighting, with the closest point of approach (CPA) see at ~150m. The last sighting was at 13:45 EDT at the 11:45 o'clock position. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 34

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/9/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	50
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
7:44	2500	2500	40.0448	-73.7688	8:00

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Definite	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
91	7:00	Away from the ship	4	Moderate (Bf 4 and/or vis 500-1km)	None

**Animal Description and Detailed Narrative of Detection**

At 07:44 EDT, a single fin whale's tall blow was observed ~2500m off the port side of the vessel at the 7:00 o'clock position. Falcate dorsal two thirds down the whale's gray body, was observed when diving. Closest point of approach (CPA) was ~2500m. The last sighting occurred at 08:00 EDT. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 35

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/9/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	50
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:00	6000	4000	40.0448	-72.7688	10:36

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Definite	4	2	6	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Fluke up	None	4	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
90	7:00	Stationary	4	Moderate (Bf 4 and/or vis 500-1km)	None

**Animal Description and Detailed Narrative of Detection**

At 08:00 EDT, PSO CB noticed flukes and blows ~6000m off at the 7:00 position. Simultaneous blows indicated the presence of multiple animals with best guess being 4. Blows, diving, fluking occurred in the general are for the duration of the citing with CPA of ~4000m. White undersides and irregular trailing edges of flukes, large bushy blows indicated animals were Humpback whales. The last sighting was at 10:36 EDT. No photos. No mitigation required. No vessel strike.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 36

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/9/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	50
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:42	300	10	40.0448	-72.7688	8:57

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Dolphin, Short Beaked Common	Definite	12	8	16	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Chasing fish	None	12	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
90	7:30	Other	4	Moderate (Bf 4 and/or vis 500-1km)	None

**Animal Description and Detailed Narrative of Detection**

At 08:42 EDT, PSO CB noticed about a dozen common dolphins chasing fish/feeding/playing at the 7:30 position through to the 5:00 position from a distance of ~300m. The pod came as close as 10m or less, during this detection. Small size, a group of around a dozen, playful and active behavior, and the characteristic tan/grey patches and dark saddle, definitively identified the animals as common dolphins. The behavior continued and observation lasted until 08:57 EDT. No photos. No mitigation required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 37

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/9/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	4	52
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
11:50	200	200	40.0330	-72.7380	11:50

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Delphinid (size unknown)	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Porpoising	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
130	4:00	Parallel to ship in the same direction	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 11:50 EDT, an officer alerted PSO of a single dolphin seen at the 4 o'clock position, while vessel was in transit and arriving on location. The body seen was a rolling back and fin breaking the surface, and the body was described as 'small', indicating it was not one of the larger whales we had seen today. This description best matches a dolphin, as opposed to a fish or shark. PSO MM was arriving for shift and was able to look for dolphin while PSO CB maintained watch ahead of the vessel. Dolphin was not seen by PSO in transit, nor after we arrived on location. Distance the officer saw the dolphin was ~ 200 m. No photos. No mitigation required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
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Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 38

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/9/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	52
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:15	6000	2000	40.0330	-72.7380	14:30

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Probable	2	1	2	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	2	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
191	5:00	Crossing perpendicular behind the ship	3	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 12:15 EDT, PSO MM was notified of blows at the 5 o'clock position, by the chief officer. Blows were ~6 km in distance and all were tall, some appeared to be bushier than others, but was difficult to distinguish if that was due to high winds. The blow eventually ranged from the 5-6:30 o'clock position and stayed ~5-8 km. With the blows on the port side of the vessel appearing slightly less bushy. A whale was seen coming closer to the vessel, the body appeared gray and color and what appeared to be a white jaw was noticed. Coloration and blows most closely match Fin whales. CPA was ~2km at the 8 o'clock position. The last sighting was at 14:30 EDT at the 11 o'clock position at a distance of ~7km. No mitigation required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A



## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 39

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/9/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	52
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
12:15	6000	5000	40.0330	-72.7380	13:50

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Definite	2	2	4	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	2	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
191	5:00	Stationary	3	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 12:15 EDT, PSO MM was notified of blows at the 5 o'clock position, by the chief officer. Blows were ~6 km in distance and all were tall, some appeared to be bushier than others, but was difficult to distinguish if that was due to high winds. The blow eventually ranged from the 5-6:30 o'clock position and stayed ~5-8 km. Blows that stayed mostly on the port side remained tall and would get smaller and bushier in series. At 13:47 EDT a fluke was seen on dive at the 5:30 o'clock position; indicating that at least one whale in the starboard side group is a humpback whale. The best estimate is that there are 2-4 whales on the starboard side and most of those are humpbacks, based on blow and behavior, possibly 1 fin whale on this side. The last sighting was at 13:50 EDT. No mitigation required. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 40

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/9/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	52
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
15:29	7000	6000	40.0330	-72.7380	18:53

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Definite	8	6	12	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	8	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
251	1:30	Other	3	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 15:29 EDT, PSO MM observed humpback whales at ~7-10 km off the bow, from the 1-2 o'clock position, while surveying. The 2 whales at the 1 o'clock position were closer at ~7km. Blow shape was difficult to confirm, however whale appeared to fluke prior to a dive. Whales closer to the 2 o'clock position were much further upon initial sighting, but traveled closer to the vessel over the duration of the detection. While whales were ~7-8 km, large splashing occurred multiple times by 1 whale, and the whale fully breached the water at one point. PSO SB took over watch and the 2 groups of whales slowly got closer together over the duration of the detection, making it impossible to separate the 2 groups. Both the fluking behavior and the large splashes are consistent with humpback behavior. The whales stayed in the ~6-12 km and are possibly some of the same humpbacks seen earlier in the day. The last sighting was at 18:53 EDT. Photos were taken of the event. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Oth - Vessel Transit	No	D 41

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/10/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	1	52
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
6:30	700	700	40.0330	-72.7380	6:48

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Humpback	Definite	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Blow	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
188	11:00	Parallel to ship in opposite direction	4	Moderate (Bf 4 and/or vis 500-1km)	None

**Animal Description and Detailed Narrative of Detection**

At 06:30 EDT, PSO SB sighted a brushy blow and dorsal of a diving humpback whale ~700m at the 11:00 o'clock position. Vessel was turning to begin transit. At 06:48 EDT the final sighting was ~2500m at the 7:00 o'clock position as the vessel steamed away. Photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 42

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/10/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:01	1000	800	39.9992	-72.7388	8:30

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Definite	2	2	2	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	2	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
270	2:00	Crossing perpendicular ahead of ship	4	Moderate (Bf 4 and/or vis 500- 1km)	None

**Animal Description and Detailed Narrative of Detection**

At 08:01 EDT, PSO CB noticed two fin whales traveling perpendicular to vessel heading at the surface in the 2 o'clock position at ~1000m distance, while surveying. CPA was ~800m at the 10 o'clock position. Tall elliptical blows, large sleek body with a dark chevron on the back and lighter colored sides, falcate dorsal that meets the body at a gentle angle indicated fin whales. Animals were observed travelling at a moderate pace from starboard to port and were last seen at the 9 o'clock position at ~8000m before being lost to glare and the horizon at 8:30 EDT. No photos, no mitigation required, no vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 43

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/10/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
8:51	20	10	39.9992	-72.7388	9:00

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Dolphin, Short Beaked Common	Definite	12	8	16	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Breach	None	12	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
270	5:30	Toward the ship	4	Moderate (Bf 4 and/or vis 500-1km)	None

**Animal Description and Detailed Narrative of Detection**

At 08:51 EDT, chief mate alerted PSO CB to presence of dolphins close off the starboard stern quarter. PSO CB noticed animals approaching the vessel from the 5:30 o'clock position at ~10m distance out to ~150m, breaching and otherwise behaving actively/feeding/playing. Dark saddle, tan patch forward, tall falcate dorsal, active behavior, slender body, pointed beak indicated common dolphin. The group was between 8-16 individuals. Animals were last observed in the general vicinity in which they were initially observed at 9:00 EDT. Photos were taken, no mitigation required, no vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
-----

**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 44

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/10/2024	Chris Barron	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
9:50	1000	400	39.9992	-72.7388	10:00

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Whale, Fin	Definite	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
270	2:00	Parallel to ship in opposite direction	4	Moderate (Bf 4 and/or vis 500- 1km)	None

**Animal Description and Detailed Narrative of Detection**

At 09:50 EDT, PSO CB noticed a fin whale at ~1000m in the 2 o'clock position travelling parallel to and in the opposite direction of the vessel, while surveying. White lower right jaw, light colored chevron behind head, tall elliptical blows, long sleek body, falcate dorsal that meets body at gentle angle distinguished it as a fin whale. CPA and the final sighting were at 10:00 EDT at ~400m at the 3 o'clock position as the animal continued on its trajectory. No photos. No mitigation required. No vessel strike occurred.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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## INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 45

## Activity - Time - Location

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/10/2024	Sean Benton	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
19:10	70	70	39.9992	-72.7388	19:11

## Detection Description - Environmental Conditions

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Dolphin, Bottlenose	Probable	1	1	1	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Breach	None	1	0	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
271	1:00	Crossing perpendicular ahead of ship	2	Good (Bf 0-3 and vis >1km)	None

## Animal Description and Detailed Narrative of Detection

At 19:10 EDT, PSOSB observed what appeared to be bottlenose dolphin with gray robust body and head breach ~70m at the 1:00 o'clock position. The probable bottlenose dolphin was not sighted again. No photographs were captured during the event. No VSA required or enacted. No vessel strike occurred.

## Vessel Strike Avoidance (VSA)

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

## VSA Action Description

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

## Post Strike Action Description

N/A
-----



**INDIVIDUAL VISUAL DETECTION SUMMARY - VESSEL STRIKE AVOIDANCE (VSA)**

Lease Area Number	Client	Vessel Name	Vessel Activity	Equip. Towing	Detection Number
OCS-A 0537	Bluepoint Wind	Fugro Resilience	Ops - Surveying	No	D 46

**Activity - Time - Location**

Detection Date	Observer Name	Observer Contact Information	Observation Type	Vessel Speed (kt) (During, Prior to)	Water Depth (m)
9/11/2024	Margaret McDonald	psostaff@aisobservers.com (508) 990-9055	Daylight Visual	0	51
Time First Detection (ET)	Initial Distance from Vessel (m)	Closest Point of Approach - CPA (m)	Latitude Detection	Longitude Detection	Time Last Detection (ET)
14:39	2500	0	40.0448	-72.7695	15:15

**Detection Description - Environmental Conditions**

Animal Common Name	Certainty	BEST (Detections)	MIN (Detections)	MAX (Detections)	
Dolphin, Short Beaked Common	Definite	50	35	60	
Initial Behavior	Behavioral Reaction	Adults	Juveniles	Calves	
Traveling	Change Direction	45	5	0	
Vessel Heading (Degree) 0 = North	Relative Bearing to Animal (Bow = 12:00)	Direction of Travel (relative to vessel)	Beaufort sea state	Visibility	Precipitation
271	1:00	Toward the ship	2	Good (Bf 0-3 and vis >1km)	None

**Animal Description and Detailed Narrative of Detection**

At 14:39 EDT a pod of common dolphins was observed swimming towards the vessel at the 1 o'clock position, at ~2.5 km. Dolphins then changed directions and swam perpendicular, then changed course again to swim towards the Fugro Resilience. Common dolphins were identified by the hourglass pattern on their sides. The dolphin pod swam under and around the vessel. Porpoising and breaching behavior was frequently seen. After a few minutes of swimming around the Fugro resilience, with ~10 dolphins spending a full minute swimming in the mixing water created by the aft thrusters, dolphin pod began swimming away from the vessel. The last sighting of the pod was at 14:55 EDT ~2.5km at the 5 o'clock position. The client representative sighted a few stragglers ~15:00-15:15 EDT and notified PSO MM. These dolphins were last seen swimming beneath the vessel.

**Vessel Strike Avoidance (VSA)**

VSA Requested	VSA Action	Time VSA Requested (ET)	VSA implemented	Time VSA implemented (ET)
No	Mit - No Action required	N/A	Yes	N/A

**VSA Action Description**

N/A
-----

Vessel strike occurrence?	Time Vessel Strike (ET)	Latitude Vessel Strike	Longitude Vessel Strike	Marine Mammal Disposition	Onshore Notification
No	0:00	N/A	N/A	Alive	No

**Post Strike Action Description**

N/A
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## APPENDIX D. NORTH ATLANTIC RIGHT WHALE SIGHTING REPORT

**North Atlantic Right Whale Sighting Report**

**NOTE:** Bluepoint Wind must be notified of any NARW sightings **within 2 hours** of the event. All NARW sightings are significant and should be photo and/or video documented when possible.

<b>Project Details:</b>		<b>Date of Report:</b>
<b>Lease area:</b> OCS-A 0537	<b>Permit number:</b>	<b>Operation (Geophys/Geotech):</b> Creotech
<b>Vessel Name:</b> Fugro Resilience		
<b>Reporter Details:</b>		
<b>Full name:</b> Margaret McDonald	<b>Position/Title:</b> Lead PSO	
<b>Environmental Conditions:</b>		
<b>Latitude (decimal degrees):</b> 39.9621	<b>Longitude (decimal degrees):</b> -72.7561	
<b>Date (UTC):</b> September 9, 2024 <sup>1</sup>	<b>Time (UTC):</b> 1621-2015	
<b>Weather conditions at time:</b> Wind speed 15-18 Knot, Beaufort Sea State 3	<b>Depth of sea (meters):</b> 51.6	
<b>Sighting Information:</b>		
<b>Duration:</b> ~4 hours	<b>Number of calves/juveniles:</b> 0-1	
<b>Vessel heading:</b> 226	<b>Behaviour(s):</b> Traveling & blows	
<b>Direction of travel (relative to vessel heading):</b> Perpendicular & away	<b>Reaction to vessel:</b> None	
<b>Initial Distance:</b> ~8 km	<b>Mitigation required:</b> None	
<b>Closest point of approach (CPA):</b> ~6-7 km	<b>Reported to Whale Alert/ called in (Yes/No, date &amp; time):</b> ~1800 UTC on September 9, 2024 <sup>1</sup> used the whale alert app & called (866) 755-6622 to report. I left a voice message.  Attempted to report sighting on WhaleMap.org, but was directed to an injured or Stranded Page.	



<p><b>Distance last detected:</b> ~8 KM</p>	<p><b>Other project vessels notified (Yes/No, date &amp; time):</b> Not by Lead PSO</p>
<p><b>Number of animals:</b> 1-2 Right whales</p>	
<p><b>Detailed Description of the Incident:</b> N/A</p>	

**Provide a full detailed description of the sighting...**

From 1621-2015 UTC, PSO MM & SB observed a series of blows, some elliptical & some more V shaped & bushy. It was at 1715 UTC that 2 whales were noticed blowing simultaneously, 1 had more elliptical blows & the other much more V shaped & bushy. When V blows were noted they tended to start larger & then get more bushy as blows went on. Most often 3-5 blows were noted when bushy & V shaped blows were seen, & 2-3 blows were noted when the blows were more elliptical in shape. Whales traveled from the 1-11:30 position & were typically ~7-9 km away.

**Photographs:**

There was 1 instance where 10 lower blows were seen, blows were from 2 individuals that appeared very close together, ~5 blows from each animal, and then 1 taller blow was seen from about the same area, but there was a larger interval between this blow & the other 10. These 10 blows that were very close is the only indication a calf or juvenile may be present. This series of 10 lower blows occurred at 1949 UTC.

USBPW-OW-HSQ-HSE-FOR-00028  
Atlantic Right Whale Sighting Report  
Rev 00