

## United States Department of the Interior

BUREAU OF OCEAN ENERGY MANAGEMENT WASHINGTON, DC 20240-0001

MAR 1 2018

Mr. Riccardo Toto President US Wind Inc. 1 North Charles Street, Suite 2310 Baltimore, Maryland 21201

Dear Mr. Toto:

On January 10, 2018, the Bureau of Ocean Energy Management (BOEM) agreed to grant your request to have US Wind Inc.'s (the Lessee) commercial leases OCS-A 0489 and OCS-A 0490 merged into a single lease, with the single retaining lease number OCS-A 0490. On January 26, 2018, BOEM received from the Lessee three copies of an "Amendment of Renewable Energy Lease OCS-A 0490" (the Amendment) to amend the lease to describe the merged lease area, adjusted acreage, and adjusted rental fee. The Amendment also includes additional BOEM-proposed changes that reflect technical corrections and bring lease OCS-A 0490 into alignment with the Lease-Specific Terms, and Conditions, and Stipulations included in BOEM's current commercial lease form BOEM-0008 and other more recently issued leases.

The enclosed Amendment, which has been executed on behalf of the United States, is to be attached and made a part of lease OCS-A 0490. The next annual rental in the amount of \$239,121 is due on or before December 1, 2018. Leases OCS-A 0489 and OCS-A 0490 merged, retaining lease number OCS-A 0490, and OCS-A 0489 automatically terminated upon BOEM's execution of the Amendment.

On November 23, 2015, BOEM received US Wind's Site Assessment Plan (SAP) for leases OCS-A 0489 and OCS-A 0490. On June 9, 2016, BOEM requested that US Wind provide supplemental financial assurance in the amount of \$1,271,123, which included the projected amount of rent due to the Government over the next 12 months and facility decommissioning for lease OCS-A 0490 (enclosed) pursuant to 30 CFR 585.516(a)(2). BOEM received US Wind's supplemental bond (Surety Bond No. 09275767) in the amount of \$1,271,123 on February 14, 2018.

The lease merge has resulted in an increase in the projected amount of rent due to the Government over the next 12 months for lease OCS-A 0490 (i.e., from \$140,910 to \$239,121). Therefore, the total amount of required supplemental financial assurance has increased to \$1,369,334. US Wind's SAP has been deemed complete and sufficient and BOEM has completed its environmental and technical review of the SAP. However, BOEM will not approve the SAP until the increased amount of required supplemental financial assurance is received. We ask that you provide a rider to increase the amount of Surety Bond No. 09275767 from \$1,271,123 to \$1,369,334, or submit a new bond in the amount of \$1,369,334, within 10 business days of receipt of this letter.

If you have any questions, you may contact Ms. Gina Best at (703) 787-1341 or at Gina.Best@boem.gov.

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Sincerely, \_

James F. Bennett Program Manager Office of Renewable Energy Programs

Enclosure

cc: Surety Company

## Amendment of Renewable Energy Lease OCS-A 0490

Lease OCS-A 0490 is amended as described herein. All portions of Lease OCS-A 0490 not described herein are unchanged.

1) Section 18, is hereby amended to state:

All notices or reports provided from one party to the other under the terms of this lease must be in writing, except as provided herein and in the applicable regulations in 30 CFR Part 585. Written notices and reports must be delivered to the Lessee's or Lessor's Lease Representative, as specifically listed in Addendum "A," either electronically, by hand, by facsimile, or by United States first class mail, adequate postage prepaid. Each party must, as soon as practicable, notify the other of a change to their Lessee's or Lessor's Contact Information listed in Addendum "A" by a written notice signed by a duly authorized signatory and delivered by hand or United States first class mail, adequate postage prepaid. Until such notice is delivered as provided in this section, the last recorded address for either party will be deemed current for service of all notices and reports required under this lease. For all operational matters, notices and reports must be provided to the party's Operations Representative, as specifically listed in Addendum "A," as well as the Lease Representative.

2) Section 20, is hereby amended to state:

"Unless otherwise authorized by the applicable regulations in 30 CFR Part 585, this lease may be modified or amended only by mutual agreement of the Lessor and the Lessee. No such modification or amendment will be binding unless it is in writing and signed by duly authorized signatories of both the Lessor and the Lessee."

3) Section I (a), Addendum "A," is amended to state:

	Lease Representative	<b>Operations Representative</b>
Title	Program Manager	Same as Lease Representative
Address	U.S. Department of the Interior	1
	Bureau of Ocean Energy Management	
	45600 Woodland Road,	
	Mail Stop VAM-OREP	
	Sterling, Virginia 20166	
Phone	(703) 787-1300	
Fax	(703) 787-1708	
Email	renewableenergy@boem.gov	

i)	Lessor	S	Contact I	lnj	formation
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## b) Lessee's Contact Information

	Lease Representative	<b>Operations Representative</b>
Name	Riccardo Toto	Same as Lease Representative
Title	President	
Address	US Wind Inc. 1 North Charles St., Suite 2310	
	Baltimore, MD 21201	
Phone	410-727-4020	
Fax	410-727-9463	
Email	r.toto@uswindinc.com	

4) Section II. Description of Leased Area, Addendum "A," is hereby amended to state:

"The total acreage of the lease area is approximately 79,707 acres.

This area is subject to later adjustment, in accordance with applicable regulations (e.g., contraction, relinquishment, etc.).

Lease OCS-A 0490

The following Blocks or portions of Blocks lying within Official Protraction Diagram Salisbury NJ18-05, are depicted on the map below and comprise 79,707 acres, more or less.

- 1) Block 6623, E1/2
- 2) Block 6624, All of Block
- 3) Block 6625, SW1/4 of NW1/4; NW1/4 of SW1/4; S1/2 of SW1/4
- 4) Block 6673, E1/2
- 5) Block 6674, All of Block
- 6) Block 6675, NW1/4 of NE1/4; S1/2 of NE1/4; W1/2; SE1/4
- 7) Block 6676, SW1/4 of SW1/4
- 8) Block 6723, E1/2
- 9) Block 6724, All of Block
- 10) Block 6725, All of Block
- 11) Block 6726, W1/2; NW1/4 of SE1/4; S1/2 of SE1/4
- 12) Block 6773, NE1/4
- 13) Block 6774, All of Block
- 14) Block 6775, All of Block
- 15) Block 6776, All of Block
- 16) Block 6777, SW1/4 of NW1/4; SW1/4
- 17) Block 6825, All of Block
- 18) Block 6826, All of Block
- 19) Block 6827, NW1/4 of NE1/4; S1/2 of NE1/4; NW1/4; S1/2
- 20) Block 6828, SW1/4 of SW1/4

For the purposes of these calculations, a full Block is 2,304 hectares. The acreage of a hectare is 2.471043930."



5) Section III. (a) Rent, Addendum "B," Acres in Project Area, Annual Rental Rate, and Rental Fee for Entire Project Area are hereby amended to update the following acreage and rent payment figures:

## Lease OCS-A 0490

- Acres in Project Area: 79,707
- *Rental Fee for Entire Project Area:* \$3.00 x 79,707 = \$239,121

6) Stipulations 4.1.1 through 4.1.1.7, Addendum "C," are hereby amended to state:

4.1.1 <u>Vessel Strike Avoidance Measures</u>. The Lessee must ensure that all vessels conducting activities in support of plan (i.e., SAP and COP) submittal, including those transiting to and from local ports and the lease area, comply with the vesselstrike avoidance measures specified in stipulations 4.1.1.1 through 4.1.1.9, except under extraordinary circumstances when complying with these requirements would put the safety of the vessel or crew at risk.

- 4.1.1.1 The Lessee must ensure that vessel operators and crews maintain a vigilant watch for cetaceans, pinnipeds, and sea turtles and slow down or stop their vessel to avoid striking these protected species.
- 4.1.1.2 The Lessee must ensure that vessels 19.8 m (65 ft) in length or greater that operate between November 1 through April 30, operate at speeds of 10 knots (18.5 km/hr) or less.
- 4.1.1.3 The Lessee must ensure that from November 1 through April 30, vessel operators monitor NMFS North Atlantic Right Whale reporting systems (e.g., the Early Warning System, Sighting Advisory System, and Mandatory Ship Reporting System) for the presence of NARWs.
- 4.1.1.4 The Lessee must ensure that all vessel operators comply with 10 knot (18.5 km/hr) speed restrictions in any Dynamic Management Area (DMA).
- 4.1.1.5 North Atlantic right whales.
- 4.1.1.5.1 The Lessee must ensure all vessels maintain a separation distance of 500 meters (1,640 ft) or greater from any sighted North Atlantic right whale.
- 4.1.1.5.2 The Lessee must ensure that the following avoidance measures are taken if a vessel comes within 500 meters (1,640 ft) of any North Atlantic right whale:
- 4.1.1.5.2.1 If underway, any vessel must steer a course away from any North Atlantic right whale at 10 knots (18.5 km/h) or less until the 500 meters (1,640 ft) minimum separation distance has been established (except as provided in 4.1.1.5.2.2).
- 4.1.1.5.2.2 If a North Atlantic right whale is sighted within 100 meters (328 ft) to an underway vessel, the vessel operator must immediately reduce speed and promptly shift the engine to neutral. The vessel operator must not engage the engines until the North Atlantic right whale has moved beyond 100 meters (328 ft), at which point the Lessee must comply with 4.1.1.5.2.1 above.
- 4.1.1.5.2.3 If a vessel is stationary, the vessel must not engage engines until the North Atlantic right whale has moved beyond 100 meters (328 ft), at which point the Lessee must comply with 4.1.1.5.2.1.
- 4.1.1.6 Non-delphinoid cetaceans other than the North Atlantic right whale.
- 4.1.1.6.1 The Lessee must ensure all vessels maintain a separation distance of 100 meters (328 ft) or greater from any sighted non-delphinoid cetacean.
- 4.1.1.6.2 The Lessee must ensure that the following avoidance measures are taken if a vessel comes within 100 meters (328 ft) of any non-delphinoid cetacean:

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- 4.1.1.6.2.1 If underway, the vessel must reduce speed and shift the engine to neutral, and must not engage the engines until the non-delphinoid cetacean has moved beyond 100 meters (328 ft).
- 4.1.1.6.2.2 If stationary, the vessel must not engage engines until the non-delphinoid cetacean has moved beyond 100 meters (328 ft).
- 4.1.1.7 Delphinoid cetaceans and Pinnipeds (dolphins, porpoises and seals).
- 4.1.1.7.1 The Lessee must ensure that all vessels underway do not divert to approach any delphinoid cetacean and/or pinniped.
- 4.1.1.7.2 The Lessee must ensure that all vessels maintain a separation distance of 50 meters (164 ft) or greater from any sighted delphinoid cetacean or pinniped, except if the delphinoid cetacean and/or pinniped approaches the vessel, in which case, the Lessee must follow 4.1.1.7.3 below.
- 4.1.1.7.3 If a delphinoid cetacean and/or pinniped approaches any vessel underway, the vessel underway must avoid excessive speed or abrupt changes in direction to avoid injury to the delphinoid cetacean and/or pinniped.
- 4.1.1.8 Sea Turtles.
- 4.1.1.8.1 The Lessee must ensure all vessels maintain a separation distance of 50 meters (164 ft) or greater from any sighted sea turtle.
- 4.1.1.9 <u>Vessel Operator Briefing</u>. The Lessee must ensure that all vessel operators are briefed to ensure they are familiar with the requirements specified in 4.1.1."

7) Stipulation 4.2.3, Addendum "C," is hereby amended to state:

4.2.3 Tribal Pre-Survey Meeting. The Lessee must invite by certified mail the Narragansett Indian Tribe, the Shinnecock Indian Nation, and the Lenape Tribe of Delaware to a tribal pre-survey meeting. The purpose of this meeting will be for the Lessee and the Lessee's Qualified Marine Archaeologist to discuss the Lessee's survey plan and consider requests to monitor portions of the archaeological survey and the geotechnical exploration activities, including the visual logging and analysis of geotechnical samples (e.g., cores). This meeting must be held subsequent to the pre-survey meeting with the Lessor (see 2.1.2). Invitation to the tribal pre-survey meeting must be made at least 15 calendar days prior to the date of the proposed tribal pre-survey meeting. The meeting must be scheduled for a date at least 30 calendar days prior to the commencement of survey activities performed in support of plan submittal and at a location and time that affords the participants a reasonable opportunity to participate. The anticipated date for the meeting must be identified in the timeline of activities described in the applicable survey plan (see 2.1.1)."

- 8) Stipulations 4.3.4 through 4.3.7.6, Addendum "C," are hereby amended to state:
- 4.3.4 Protected-Species Observer (PSO). The Lessee must ensure that the exclusion zone for all G&G surveys performed in support of plan (i.e., SAP and COP) submittal is monitored by NMFS-approved protected-species observers around the sound source. The number of PSOs must be sufficient to effectively monitor the exclusion zone at all times. In order to ensure effective monitoring, PSOs must be on watch for no more than 4 consecutive hours, with at least a 2-hour break after a 4-hour watch, unless otherwise accepted by the Lessor. PSOs must not work for more than 12 hours in a 24-hour period. PSO reporting requirements are provided in Section 4.4. Prior to the scheduled start of the surveys performed in support of plan submittal, the Lessee must provide to the Lessor a list of PSOs currently approved by NMFS for G&G surveys. For PSOs not currently approved by NMFS, the Lessee must provide to the Lessor PSO résumés, no later than 45 calendar days prior to the scheduled start of such surveys. If additional PSO approvals are required after this time, the Lessee must provide the additional PSO résumés to the Lessor at least 15 calendar days prior to each PSO's start date. The Lessor will send the PSO résumés to NMFS for approval.
- 4.3.5 <u>Observation Location and Optical Device Availability</u>. The Lessee must ensure that monitoring occurs from the highest available vantage point on the associated operational platform, allowing for 360-degree scanning. The Lessee must ensure that reticle binoculars and other suitable equipment are available to each observer to adequately perceive and monitor protected marine species within the exclusion zone during surveys conducted in support of plan (i.e., SAP and COP) submittal.
- 4.3.6 <u>High-Resolution Geophysical (HRG) Surveys</u>. Stipulations specific to HRG surveys conducted in support of plan (i.e., SAP and COP) submittal where one or more acoustic sound sources is operating at frequencies below 200 kHz are provided in 4.3.6.1 through 4.3.6.9:
- 4.3.6.1 <u>Establishment of Default HRG Exclusion Zone</u>. The Lessee must ensure a 200meter radius exclusion zone for cetaceans, pinnipeds, and sea turtles. In the case of the North Atlantic right whale, the Lessee must observe a minimum separation distance of 500 meters (1,640 ft), as required under 4.1.1.5.1.
- 4.3.6.2 <u>HRG Sound Source Verification</u>. No later than 45 calendar days prior to the commencement of any surveys with any HRG survey equipment producing underwater sound levels, the Lessee must submit existing information on the sound levels produced by the equipment. If adequate information on the equipment is not available, the Lessee must submit to the Lessor a plan for verifying the sound source levels of any HRG equipment operating at frequencies below 200 kHz. The Lessor must approve this verification plan prior to the commencement of the survey. The Lessor may require the Lessee to modify the plan in a manner deemed satisfactory by the Lessor.

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- 4.3.6.3 If the Lessor determines that the exclusion zone does not encompass the soundexposure threshold for ear injury to protected species (Level A harassment calculated for the acoustic source having the highest source level, the Lessor will consult with NMFS and may impose additional, relevant requirements on the Lessee, including but not limited to, required expansion of this exclusion zone.
- 4.3.6.4 <u>Clearance of Exclusion Zone</u>. The Lessee must ensure that active acoustic sound sources will not be activated until the PSO has reported the exclusion zone clear of all cetaceans, pinnipeds, and sea turtles for 60 minutes.
- 4.3.6.5 <u>Electromechanical Survey Equipment Ramp-Up</u>. The Lessee must ensure that, when technically feasible, a "ramp-up" of the electromechanical survey equipment occurs at the start or re-start of HRG survey activities. A ramp-up would begin with the power of the smallest acoustic equipment for the HRG survey at its lowest power output. The power output would be gradually turned up and other acoustic sources added in a way such that the source level would increase in steps not exceeding 6 dB per 5-minute period.
- 4.3.6.6 <u>Shut-down for Non-Delphinoid Cetaceans and Sea Turtles</u>. If a non-delphinoid cetacean or sea turtle is sighted at or within the exclusion zone, an immediate shutdown of the electromechanical survey equipment is required. The vessel operator must comply immediately with such a call by the PSO. Any disagreement or discussion must occur only after shut-down. Subsequent restart of the electromechanical survey equipment may only occur following clearance of the exclusion zone (see 4.3.6.4) and implementation of ramp-up procedures (see 4.3.6.5).
- 4.3.6.7 <u>Power Down for Delphinoid Cetaceans and Pinnipeds</u>. If a delphinoid cetacean or pinniped is sighted at or within the exclusion zone, the electromechanical survey equipment must be powered down to the lowest power output that is technically feasible. The vessel operator must comply immediately with such a call by the PSO. Any disagreement or discussion must occur only after powerdown. Subsequent power up of the electromechanical survey equipment must use the ramp-up provisions described in 4.3.6.5 and may occur after (1) the exclusion zone is clear of delphinoid cetaceans and pinnipeds or (2) a determination by the observer after a minimum of 10 minutes of observation that the delphinoid cetacean or pinniped is approaching the vessel or towed equipment at a speed and vector that indicates voluntary approach to bow-ride or chase towed equipment. An incursion into the exclusion zone by a non-delphinoid cetacean or sea turtle during a power-down requires implementation of the shutdown procedures described in 4.3.6.6.
- 4.3.6.8 <u>Pauses in Electromechanical Survey Sound Source</u>. The Lessee must ensure that, if the electromechanical sound source shuts down for reasons other than encroachment into the exclusion zone by a non-delphinoid cetacean or sea turtle, including reasons such as, but not limited to, mechanical or electronic failure,

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resulting in the cessation of the sound source for a period greater than 20 minutes, restart of the electromechanical survey equipment commences only after clearance of the exclusion zone (see 4.3.6.4) and implementation of ramp-up procedures (see 4.3.6.5). If the pause is less than 20 minutes the equipment may be restarted as soon as practicable at its operational level as long as visual surveys were continued diligently throughout the silent period and the exclusion zone remained clear of cetaceans, pinnipeds, and sea turtles. If visual surveys were not continued diligently during the pause of 20-minutes or less, the Lessee must clear the exclusion zone, as described in 4.3.6.4, and implement ramp-up procedures, as described in 4.3.6.5, prior to restarting the electromechanical survey equipment.

- 4.3.6.9 <u>Dynamic Management Area Shutdown Requirement</u>. The Lessee must ensure that vessels cease HRG survey activities within 24 hours of NMFS establishing a DMA in the Lessee's HRG survey area. HRG surveys may resume in the affected area after the DMA has expired.
- 4.3.7 <u>Geotechnical Exploration</u>. Stipulations specific to geotechnical exploration limited to borings and vibracores and conducted in support of plan (i.e., SAP and COP) submittal are provided in 4.3.7.1 through 4.3.7.6.
- 4.3.7.1 <u>Establishment of Default Exclusion Zone</u>. The Lessee must ensure a 200-meter (656 ft) radius exclusion zone for cetaceans, pinnipeds, and sea turtles around any vessel conducting geotechnical surveys.
- 4.3.7.2 <u>Geotechnical Sound Source Verification</u>. No later than 45 calendar days prior to the commencement of any surveys with any geotechnical survey equipment producing underwater sound levels, the Lessee must submit existing information on the sound levels produced by the equipment. If adequate information on the equipment is not available, the Lessee must submit to the Lessor a plan for verifying the sound source levels of any geotechnical survey equipment operating at frequencies below 200 kHz. The Lessor must approve this verification plan prior to the commencement of the survey. The Lessor may require the Lessee to modify the plan in a manner deemed satisfactory by the Lessor.
- 4.3.7.3 If the Lessor determines that the exclusion zone does not encompass the soundexposure threshold for ear injury to protected species (Level A harassment calculated for the acoustic source having the highest source level, the Lessor will consult with NMFS and may impose additional, relevant requirements on the Lessee, including but not limited to, required expansion of this exclusion zone.
- 4.3.7.4 <u>Clearance of Exclusion Zone</u>. The Lessee must ensure that the geotechnical sound source is not activated until the PSO has reported the exclusion zone clear of all cetaceans, pinnipeds, and sea turtles for 60 minutes.

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- 4.3.7.5 <u>Shut-down for Non-Delphinoid Cetaceans and Sea Turtles</u>. If any non-delphinoid cetaceans or sea turtles are sighted at or within the exclusion zone, an immediate shut-down of the geotechnical survey equipment is required. The vessel operator must comply immediately with such a call by the PSO. Any disagreement or discussion must occur only after shut-down. Subsequent restart of the geotechnical survey equipment may only occur following clearance of the exclusion zone (see 4.3.7.4).
- 4.3.7.6 <u>Pauses in Geotechnical Survey Sound Source</u>. The Lessee must ensure that, if the geotechnical sound source shuts down for reasons other than encroachment into the exclusion zone by a non-delphinoid cetacean or sea turtle, including reasons such as, but not limited to, mechanical or electronic failure, resulting in the cessation of the sound source for a period greater than 20 minutes, restart of the geotechnical survey equipment commences only following clearance of the exclusion zone (see 4.3.7.4). If the pause is less than 20 minutes, the equipment may be restarted as soon as practicable as long as visual surveys were continued diligently throughout the silent period and the exclusion zone remained clear of cetaceans, pinnipeds, and sea turtles. If visual surveys were not continued diligently during the pause of 20 minutes or less, the Lessee must clear the exclusion zone, as described in 4.3.7.4, prior to restarting the geotechnical survey equipment.

9) Stipulations 4.4.1 through 4.4.4, Addendum "C", are hereby amended to state:

- 4.4.1 <u>Field Verification of Exclusion Zone Preliminary Report</u>. The Lessee must report the results of any required sound source verification of the exclusion zone for HRG or geotechnical survey equipment operating below 200 kHz to the Lessor and NMFS, prior to using the HRG equipment during survey activities conducted in support of plan submittal. The Lessee must include in its report a preliminary interpretation of the results which will include details of the operating frequencies, SPLs (measured in Peak, SEL, and RMS), the distance to the ear injury and behavior thresholds, frequency bands measured, as well as associated latitude/longitude positions, ranges, depths and bearings between sound sources and receivers.
- 4.4.2 <u>PSO Reports of Survey Activities and Observations</u>. The Lessee must provide the Lessor with reports every 90 calendar days following the commencement of HRG or geotechnical exploration activities, and a final report at the conclusion of the HRG or geotechnical exploration activities. Each report must include a summary of survey activities, all PSO and incident reports (See Appendices A and B), and an estimate of the number of listed marine mammals, sea turtles, and sturgeon observed and/or taken during these survey activities. The final report must contain a detailed analysis and interpretation of the sound source verification data, if such data was collected by the Lessee.

- 4.4.3 <u>Reporting Injured or Dead Protected Species</u>. The Lessee must ensure that sightings of any injured or dead protected species (e.g., marine mammals, sea turtles or sturgeon) are reported to the Lessor, NMFS, and the NMFS Greater Atlantic (Northeast) Region's Stranding Hotline (866-755-6622 or current) within 24 hours of sighting, regardless of whether the injury or death is caused by a vessel. In addition, if the injury or death was caused by a collision with a projectrelated vessel, the Lessee must ensure that the Lessor is notified of the incident within 24 hours. The Lessee must use the form provided in Appendix A to ADDENDUM "C" to report the sighting or incident. If the Lessee's activity is responsible for the injury or death, the Lessee must ensure that the vessel assist in any salvage effort as requested by NMFS.
- 4.4.4 Reporting Observed Impacts to Protected Species.
- 4.4.4.1 The Lessee must report any observed takes (as defined in 1.12) of listed marine mammals, sea turtles or sturgeon within 24 hours to the Lessor and NMFS.
- 4.4.4.2 The Lessee must record injuries or mortalities using the form provided in Appendix A to ADDENDUM "C".
- 4.4.4.3 <u>Protected Species Observer Reports</u>. The Lessee must ensure that the PSOs record all observations of protected species using standard marine mammal observer data collection protocols. The list of required data elements for these reports is provided in Appendix B to ADDENDUM "C".
- 4.4.5 <u>Marine Mammal Protection Act Authorization(s)</u>. If the Lessee is required to obtain an authorization pursuant to section 101(a)(5) of the Marine Mammal Protection Act prior to conducting survey activities in support of plan submittal, the Lessee must provide to the Lessor a copy of the authorization prior to commencing these activities."
- 9) Stipulation 4.5.1 Addendum "C" is hereby amended to state:
- 4.5.1 <u>Lighting Requirements</u>. When conducting survey activities in support of plan submittal, the Lessee must use lighting only when necessary, and the lighting must be hooded downward and directed when possible, to reduce upward illumination and illumination of adjacent waters.

I hereby acknowledge and agree to the above amendments:

US Wind Inc. Lessee

(Signature of Authorized Officer)

(Name of Signatory)

President (Title)

1-23-18

(Date)

The United States of America Lessor (Signature of Authorized Officer)

Tomes F. Bennett (Name of Signatory)

Program Manager (Title)

3 - ( - 18 (Date)