

References for Bay State Wind, LLC – Proposed IHA

- 54 FR 40338, September 29, 1989
- 84 FR 52464, October 2, 2019
- 85 FR 63508, October 8, 2020
- 87 FR 13975, March 11, 2022
- 87 FR 52515, August 26, 2022
- 88 FR 62337; October 5, 2023
- 89 FR 36762, May 3, 2024
- Au, W.W.L. and M.C. Hastings. 2008. Principles of Marine Bioacoustics. Springer, New York.
- Baker K, Howson U. 2021. Data Collection and Site Survey Activities for Renewable Energy on the Atlantic Outer Continental Shelf. Biological Assessment. U.S. Department of the Interior, Bureau of Ocean Energy Management, Office of Renewable Energy Programs. October 2018, Revised February 2021. 152 pp.
- Bay State Wind. 2019. Bay State Wind Offshore Wind Farm Combined PSO Reports – 2018/2019 Geophysical Survey Plan July 19, 2019. 29 pp.
- Crocker, S.E., and F.D. Fratantonio. 2016. Characteristics of sounds emitted during high resolution marine geophysical surveys. NUWC-NPT Technical Report 12,203, Naval Undersea Warfare Center Division: 265.
- Committee on Taxonomy. 2022. The Marine Mammal Society  
<https://marinemammalscience.org/science-and-publications/list-marine-mammal-species-subspecies/>
- Ellison, W.T., B.L. Southall, C.W. Clark, and A.S. Frankel. 2012. A new context-based approach to assess marine mammal behavioral responses to anthropogenic sounds. Conservation Biology 26 (1): 21-28. DOI: <https://doi.org/10.1111/j.1523-1739.2011.01803.x>.
- EPI Group. 2021. Protected Species Observation Report Massachusetts Survey/Vineyard Wind LLC EPI Report No. 10282 – Ventus, Striker, Odyssey. Prepared for Vineyard Wind LLC. 306 pp.
- Hemila, S., S. Nummela, A. Berta, and T. Reuter. 2006. High-frequency hearing in phocid and otariid pinnipeds: An interpretation based on inertial and cochlear constraints. Journal of the Acoustical Society of America 120 (6): 3463-3466. DOI: <https://doi.org/10.1121/1.2372712>.
- Kastelein, R., P. Wensveen, L. Hoek, and J. Terhune. 2009. Underwater hearing sensitivity of

- harbor seals (*Phoca vitulina*) for narrow noise bands between 0.2 and 80 kHz. *Journal of the Acoustical Society of America* 126 (1):476-483. DOI: <https://doi.org/10.1121/1.3132522>.
- LaBrecque, E., Curtice, C., Harrison, J., Van Parjis, S. M. & Halpin, P. N. 2015. Biologically Important Areas for cetaceans within US waters-East coast region. *Aquatic Mammals*, 41, 17. <http://dx.doi.org/10.1578/AM.41.1.2015.1>
- Linden, D.W. 2023. Population size estimation of North Atlantic right whales from 1990-2022. US Dept Commer Northeast Fish Sci Cent Tech Memo 314. 14 p.
- National Marine Fisheries Service (NMFS). 2024b. Draft U.S. Atlantic and Gulf of Mexico Marine Mammal Stock Assessment Reports 2023. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. January 2024. <https://www.fisheries.noaa.gov/s3/2024-01/Draft-2023-MMSARs-Public-Comment.pdf>. Accessed 25 February 2024.
- NMFS (National Marine Fisheries Service). 2018. 2018 Revisions to: Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (Version 2.0): Underwater Thresholds for Onset of Permanent and Temporary Threshold Shifts. U.S. Dept. of Commerce. NOAA. NOAA Technical Memorandum NMFS-OPR-59, 167 p. <https://www.fisheries.noaa.gov/resource/document/technical-guidance-assessing-effects-anthropogenic-sound-marine-mammal-hearing>.
- NMFS (National Marine Fisheries Service). 2020. Interim recommendations for sound source level and propagation analysis for high resolution geophysical (HRG) sources. *In*: RESOURCES, O. O. P. (ed.). National Marine Fisheries Service.
- NMFS (National Marine Fisheries Service) Greater Atlantic Region Fisheries Office, Offshore Wind Site Assessment and Site Characterization Activities Programmatic Consultation, June 29, 2021. <https://www.fisheries.noaa.gov/new-england-mid-atlantic/consultations/section-7-take-reporting-programmatics-greater-atlantic#offshore-wind-site-assessment-and-site-characterization-activities-programmatic-consultation>.
- NOAA Administrative Order (NAO) 216-6, Compliance with the National Environmental Policy Act, et al, April 22, 2016.
- NOAA Fisheries, Marine Life in Distress, Active and Closed Unusual Mortality Events. Accessed 14 August, 2024. <https://www.fisheries.noaa.gov/national/marine-life-distress/active-and-closed-unusual-mortality-events>.
- NOAA, Policy and Procedures for Compliance with the National Environmental Policy Act and Related Authorities , Companion Manual for NOAA Administrative Order 216-6A, January 13, 2017.
- Palka, D. L., S. Chavez-Rosales, E. Josephson, D. Cholewiak, H. L. Haas, L. Garrison, M. Jones,

- D. Sigourney, G. Waring, M. Jech, E. Broughton, M. Soldevilla, G. Davis, A. DeAngelis, C. R. Sasso, M. V. Winton, R. J. Smolowitz, G. Fay, E. LaBrecque, J. B. Leiness, Dettloff, M. Warden, K. Murray, and C. Orphanides. 2017. Atlantic Marine Assessment Program for Protected Species: 2010-2014. OCS Study BOEM 2017-071, Washington, D.C. 211 pp. <https://espis.boem.gov/final%20reports/5638.pdf>.
- Pettis, H.M., Pace, R.M. III, and Hamilton, P.K., 2023 North Atlantic Right Whale Consortium 2022 Annual Report Card. North Atlantic Right Whale Consortium, DOI: 10.1575/1912/66099, <https://hdl.handle.net/1912/66099>.
- Reichmuth, C. and M.M. Holt. 2013. Comparative assessment of amphibious hearing in pinnipeds. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural and Behavioral Physiology* 199 (6): 491-507. DOI: 10.1007/s00359-013-0813-y.
- Richardson, W.J., C.R. Greene, C.I. Malme, and D.H. Thomson. 1995. *Marine Mammals and Noise*. Academic Press, Inc., San Diego, California.
- Roberts, J.J., B.D. Best, L. Mannocci, E. Fujioka, P.N. Halpin, D.L. Palka, L.P. Garrison, K.D. Mullin, T.V.N. Cole, C.B. Khan, W.A. McLellan, D.A. Pabst and G.G. Lockhart. 2016. Habitat based cetacean density models for the US Atlantic and Gulf of Mexico. *Sci. Rep.* 6: 22615. DOI: 10.1038/srep22615.
- Roberts, J.J., T.M. Yack, and P.N. Halpin. 2023. Marine mammal density models for the U.S. Navy Atlantic Fleet Training and Testing (AFTT) study area for the Phase IV Navy Marine Species Density Database (NMSDD). Document version 1.3. Report prepared for Naval Facilities Engineering Systems Command, Atlantic by the Duke University Marine Geospatial Ecology Lab, Durham, North Carolina. Available at: [https://seamap.env.duke.edu/seamap-models-files/Duke/Reports/AFTT\\_Marine\\_Mammal\\_Density\\_Models\\_2022\\_v1.3.pdf](https://seamap.env.duke.edu/seamap-models-files/Duke/Reports/AFTT_Marine_Mammal_Density_Models_2022_v1.3.pdf)
- RPS. 2021. Mayflower Fugro Geophysical Survey 2020, IHA Final Protected Species Observer Report. 248 pp.
- Smultea Environmental Sciences. 2020. Protected Species Observer Technical Report for the Ørsted New England IHA, BOEM Lease Areas OCS-A 0486, OCS-A 0487, and OCS-A 0500; 2019–2020. 26 September 2019–25 September 2020. Prepared for Ørsted. 124 pp.
- Southall, B.L., A.E. Bowles, W.T. Ellison, J.J. Finneran, R.L. Gentry, C.R. Greene, Jr., D. Kastak, D.R. Ketten, J.H. Miller, P.E. Nachtigall, W.J. Richardson, J.A. Thomas, and P.L. Tyack. 2007. Marine mammal noise exposure criteria: Initial scientific recommendations. *Aquatic Mammals* 33(4):411-521. DOI: <https://doi.org/10.1080/09524622.2008.9753846>.
- Southall, B.L., J.J. Finneran, C.J. Reichmuth, P.E. Nachtigall, D.R. Ketten, A.E. Bowles, W.T. Ellison, D.P. Nowacek, and P.L. Tyack. 2019. Marine Mammal Noise Exposure Criteria: Updated Scientific Recommendations for Residual Hearing Effects. *Aquatic Mammals* 45(2): 125-232. DOI: <https://doi.org/10.1578/AM.45.2.2019.125>.

Southall, B.L., D.P. Nowacek, A.E. Bowles, V. Senigaglia, L. Bejder, and P.L. Tyack. 2021. Marine Mammal Noise Exposure Criteria: Assessing the Severity of Marine Mammal Behavioral Responses to Human Noise. *Aquatic Mammals* 47(5): 421-464. DOI 10.1578/AM.47.5.2021.421.

Wartzok, D. and D.R. Ketten. 1999. Marine mammal sensory systems. Pages 117-175 in J.E. Reynolds and S.A. Rommel, eds. *Biology of Marine Mammals*. Smithsonian Institution Press, Washington.