

Lutak Dock Replacement IHA References

- Allen, B.M., and R.P. Angliss. 2010. Alaska marine mammal stock assessments, 2009. NOAA Technical Memorandum NMFS-AFSC-233. National Marine Fisheries Service, Seattle, WA.
- Ahroon, W.A., R.P. Hamernik, and S.-F., Lei. 1996. The effects of reverberant blast waves on the auditory system. *Journal of the Acoustical Society of America* 100:2247-2257.
- American National Standards Institute (ANSI). 1986. Methods of measurement for impulse noise 3 (ANSI S12.7-1986). Acoustical Society of America, Woodbury, NY.
- American National Standards Institute (ANSI). 1995. Bioacoustical Terminology (ANSI S3.20-1995). Acoustical Society of America, Woodbury, NY.
- Archer, F.I., S.L. Mesnick, and A.C. Allen. 2010. Variation and predictors of vessel response behavior in a tropical dolphin community. NOAA Technical Memorandum NMFS-SWFSC-457, National Marine Fisheries Service, 60 p.
- Au, W.W.L. and M. Hastings. 2008. Principles of Marine Bioacoustics. Springer-Verlag, New York.
- Baker, C.S., L.M. Herman, A. Perry, W.S. Lawton, J.M. Straley, and J.H. Straley. 1985. Population characteristics and migration of summer and late-season humpback whales (*Megaptera novaeangliae*) in southeastern Alaska. *Marine Mammal Science* 1:304-323.
- Berger ABAM 2016. Icy Strait Point Cruise Ship Terminal Marine Mammal Monitoring Summary Report. Prepared for Huna Totem Corporation, Hoonah, Alaska. Prepared by BergerADAM, Vancouver, WA. February 2016.
- Bjørge, A., and K.A. Tolley. 2009. Harbor porpoise *Phocoena phocoena*. In W.F. Perrin, B. Würsig, and J.G.M. Thewissen (Editors), *Encyclopedia of marine mammals*, 2nd ed., pp. 530–532. Academic Press, New York, NY.
- Boveng, P.L., J.M. London, and J.M. Ver Hoef. 2012. Distribution and abundance of harbor seals in Cook Inlet, Alaska. Task III: Movements, marine habitat use, diving behavior, and population structure, 2004-2006. Final Report. BOEM Report 2012-065. Bureau of Ocean Energy Management, Alaska Outer Continental Shelf Region, Anchorage, AK.
- Caltrans (California Department of Transportation). 2015. Technical Guidance for Assessment and Mitigation of the Hydroacoustic Effects of Pile Driving on Fish: Appendix I – Compendium of Pile Driving Sound Data. Updated November 2015.
- Carlson, T.J., D.L. Woodruff, G.E. Johnson, N.P. Kohn, G.R. Ploskey, M.A. Weiland, et al. 2005. Hydroacoustic measurements during pile driving at the Hood Canal Bridge, September through November 2004. PNWD-3621, Prepared by Battelle Marine Sciences Laboratory for the Washington State Department of Transportation: 165.

- Carretta, J.V., E.M. Oleson, K.A. Forney, M.M. Muto, D.W. Weller, A.R. Lang, J. Baker, B. Hanson, A.J. Orr, J. Barlow, J.E. Moore, and R.L. Brownell. 2022. US Pacific marine mammal stock assessments: 2021. U.S. Department of Commerce, NOAA Technical Memorandum NMFS-SWFSC-663. DOI: <https://repository.library.noaa.gov/view/noaa/44406>
- Croll, D.A., C.W. Clark, J. Calambokidis, W.T. Ellison, and B.R. Tershy. 2001. Effect of anthropogenic low-frequency noise on the foraging ecology of Balaenoptera whales. *Animal Conservation* 4(1):13-27.
- Dahlheim, M., A. York, R. Towell, J. Waite, and J. Breiwick. 2000. Harbor porpoise (*Phocoena phocoena*) abundance in Alaska: Bristol Bay to Southeast Alaska, 1991-1993. *Marine Mammal Science* 16:28-45.
- Dahlheim, M.E., A.N. Zerbini, J.M. Waite, and A.S. Kennedy. 2015. Temporal changes in abundance of harbor porpoise (*Phocoena phocoena*) inhabiting the inland waters of Southeast Alaska. *Fishery Bulletin* 113(3):242-255.
- Dahlheim, M.E., P.A. White, and J.M. Waite. 2009. Cetaceans of Southeast Alaska: distribution and seasonal occurrence. *Journal of Biogeography* 36:410–426.
- Denes, S.L., A. MacGillivray, and G. Warner. 2016. Alaska DOT Hydroacoustic Pile Driving Noise Study: Auke Bay Monitoring Results. JASCO Document 01133, Version 2.0. Technical report by JASCO Applied Sciences for Alaska Department of Transportation and Public Facilities.
- Ellison, W.T., B. 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.
- Everitt, R.D., C.H. Fiscus, and R.L. DeLong. 1980. Northern Puget Sound marine mammals. Interagency Energy/Environment R&D Program Report EPA-600/7-80-139, Prepared by National Marine Fisheries Service for Environmental Protection Agency 150p. Finneran, J.J. 2015. Noise-induced hearing loss in marine mammals: A review of temporary threshold shift studies from 1996 to 2015. *Journal of the Acoustical Society of America* 138:1702-1726.
- Ferguson, M.C., Curtice, C. and Harrison, J., 2015. 6. Biologically Important Areas for Cetaceans Within US Waters-Gulf of Alaska Region. *Aquatic Mammals*, 41(1), p.65.
- Ferrero, R.C., and W.A. Walker. 1996. Age, growth, and reproductive patterns of the Pacific whitesided dolphin (*Lagenorhynchus obliquidens*) taken in high seas drift nets in the central North Pacific Ocean. *Canadian Journal of Zoology* 74:1673-1687
- Finneran, J.J. 2015. Auditory weighting functions and TTS/PTS exposure functions for marine mammals exposed to underwater noise. Technical Report. San Diego: SPAWAR.

- Finneran, J.J. and A.K. Jenkins. 2012. Criteria and thresholds for U.S. Navy acoustic and explosive effects analysis. Technical Report, Space and Naval Warfare Systems Center Pacific, U.S. Navy: 64.
- Finneran, J.J., C.E. Schlundt, D.A. Carder, J.A. Clark, J.A. Young, J.B. Gaspin, and S.H. Ridgway. 2000. Auditory and behavioral responses of bottlenose dolphins (*Tursiops truncatus*) and a beluga whale (*Delphinapterus leucas*) to impulsive sounds resembling distant signatures of underwater explosions. *Journal of the Acoustical Society of America* 108:417-431.
- Finneran, J.J., C.E. Schlundt, R. Dear, D.A. Carder, and S.H. Ridgway. 2002. Temporary shift in masked hearing thresholds in odontocetes after exposure to single underwater impulses from a seismic watergun. *Journal of the Acoustical Society of America* 111:2929-2940.
- Finneran, J.J., D.A. Carder, C.E. Schlundt, and S.H. Ridgway. 2005. Temporary threshold shift in bottlenose dolphins (*Tursiops truncatus*) exposed to mid-frequency tones. *Journal of the Acoustical Society of America* 118 (4):2696-2705.
- Gomez, M.D., D.A. Rosen, and A.W. Trites. 2016. Net energy gained by northern fur seals (*Callorhinus ursinus*) is impacted more by diet quality than by diet diversity. *Canadian Journal of Zoology* 94: 123-135
- Happywhale. 2023. Happywhale - Humpback Whales in North Pacific Ocean. Data downloaded from OBIS-SEAMAP. Accessed at <http://seamap.env.duke.edu/dataset/1765> on May 17, 2023 and originated from Happywhale.com.
- Hastings, M.C., and A.N. Popper. 2005. Effects of sound on fish. Technical report for Jones and Stokes to California Department of Transportation.
- Hobbs, R.C., and J.M. Waite. 2010. Abundance of harbor porpoise (*Phocoena phocoena*) in three Alaskan regions, corrected for observer errors due to perception bias and species misidentification, and corrected for animals submerged from view. *Fisheries Bulletin* 108(3): 251-267.
- HDR. 2012. Naval Base Kitsap at Bangor Test Pile Program, Bangor, Washington. Final Marine Mammal Monitoring Report. Prepared for Naval Facilities Engineering Northwest.
- Hemilä, 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 (L). *Journal of the Acoustical Society of America* 120(6):3463-3466.
- Henderson, D., B. Hu, and E. Bielefeld. 2008. Patterns and mechanisms of noise-induced cochlear pathology. pp. 195-217 In Schacht, J., A.N. Popper, and R.R Fay (Eds.) *Auditory Trauma, Protection, and Repair*. New York: Springer.
- Hobbs, R.C., and J.M. Waite. 2010. Abundance of harbor porpoise (*Phocoena phocoena*) in three Alaskan regions, corrected for observer errors due to perception bias and species misidentification, and corrected for animals submerged from view. *Fisheries Bulletin* 108(3): 251-267.

- Illingworth and Rodkin, I., 2019. White Pass & Yukon Railroad Mooring Dolphin Installation: Pile Driving and Drilling Sound Source Verification: Skagway, Alaska, In: PND Engineers, I. (Ed.), Seattle, WA.
- Jefferson, T.A. 2009. Dall's porpoise *Phocoenoides dalli*. In W.F. Perrin, B. Würsig, and J.G. M. Thewissen (Editors), *Encyclopedia of marine mammals*, 2nd ed., pp. 296–298. Academic Press, New York, NY.
- Jefferson, T.A., M.A. Webber, and R.L. Pitman. 2008. *Marine Mammals of the World: a Comprehensive Guide to their Identification*. Academic Press, Elsevier, UK.
- Jemison, L.A., G.W. Pendleton, L.W. Fritz, K.K. Hastings, J.M. Maniscalco, A.W. Trites, and T.S. Gelatt. 2013. Inter-Population Movements of Steller Sea Lions in Alaska with Implications for Population Separation. *PLoS ONE* 8(8):e70167.
- Jemison, L.A., G.W. Pendleton, K.K. Hastings, J.M. Maniscalco, and L.W. Fritz. 2018. Spatial distribution, movements, and geographic range of Steller sea lions (*Eumetopias jubatus*) in Alaska. *PLoS ONE* 13(12):e0208093.
- Kastak, D., J. Mulsow, A. Ghaul, and C. Reichmuth. 2008. Noise-induced permanent threshold shift in a harbor seal: Abstract. *Journal of the Acoustical Society of America* 123:2986.
- Kastelein, R.A., J. Schop, R. Gransier, and L. Hoek. 2014. Frequency of greatest temporary hearing threshold shift in harbor porpoise (*Phocoena phocoena*) depends on the noise level. *Journal of the Acoustical Society of America* 136:1410-1418.
- Kastelein, R.A., P. Wensveen, L. Hoek, and J.M. 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.
- Klinkhart, E., K. Pitcher, G. Blundell. 2008. Harbor Seal. Alaska State Dept. of Fish and Game. Revised and reprinted 2008. Available at: https://www.adfg.alaska.gov/static/education/wns/harbor_seal.pdf.
- Kryter, K.D., W.D. Ward, J.D. Miller, and D.H. Eldredge. 1966. Hazardous exposure to intermittent and steady-state noise. *Journal of the Acoustical Society of America* 39:451-464.
- Le Boeuf, B.J., D.E. Crocker, D.P. Costa, S.B. Blackwell, P.M. Webb, and D.S. Houser. 2000. Foraging ecology of northern elephant seals. *Ecological monographs*, 70(3), 353-382.
- Lerma, D. 2014. Naval Base Point Loma Fleet Logistics Center Fuel Pier Replacement Project: Acoustic, marine mammal, green sea turtle, and California least tern monitoring report. Prepared by Tierra Data Inc. for Naval Facilities Engineering Command Southwest, 250 p.
- Lowry, L.F., K.J. Frost, J.M. Ver Hoef, and R.A. DeLong. 2001. Movements of satellite-tagged subadult and adult harbor seals in Prince William Sound, Alaska. *Marine Mammal Science* 17:835–861.

- Lusseau, D. and L. Bejder. 2007. The long-term consequences of short-term responses to disturbance experiences from whale watching impact assessment. *International Journal of Comparative Psychology* 201(2-3):228-236.
- Madsen, P.T., M. Johnson, P.J.O. Miller, N.A. Soto, J. Lynch, and P. Tyack. 2006. Quantitative measures of air-gun pulses recorded on sperm whales (*Physeter macrocephalus*) using acoustic tags during controlled exposure experiments. *Journal of the Acoustical Society of America* 120(4):2366-2379.
- Merrick, R.L., and T.R. Loughlin. 1997. Foraging behavior of adult female and young-of-the-year Steller sea lions in Alaskan waters. *Canadian Journal of Zoology* 75:776–786.
- Miller, J.D. 1974. Effects of noise on people. *Journal of the Acoustical Society of America* 56:729-764.
- Molnar, M., D. Buehler, R. Oestman, J. Reyff, K. Pommerenck and B. Mitchell. 2020. Technical Guidance for the Assessment of Hydroacoustic Effects of Pile Driving on Fish. Division of Environmental Analysis, California Department of Transportation.
- Moran, J.R., M.B. O'Dell, M.L. Arimitsu, J.M. Straley, and D.M.S. Dickson. 2018b. Seasonal distribution of Dall's porpoise in Prince William Sound, Alaska. *Deep-Sea Research Part II* 147:164-172.
- Moran, J.R., R.A. Heintz, J.M. Straley, J.J. Vollenweider. 2018a. Regional variation in the intensity of humpback whale predation on Pacific herring in the Gulf of Alaska. *Deep-Sea Research Part II: Topical Studies in Oceanography*, Vol. 147, pp. 187–195. January 2018. <http://dx.doi.org/10.1016/j.dsr2.2017.07.010>
- Morton, A. 2006. Occurrence, photo-identification and prey of Pacific white-sided dolphins (*Lagenorhynchus obliquidens*) in the Broughton Archipelago, Canada 1984–1998. *Mar. Mam. Sci.* 16: 80–93
- Muto, M.M., V.T. Helker, B.J. Delean, N.C. Young, J.C. Freed, R.P. Angliss, N.A. Friday, P.L. Boveng, J.M. Breiwick, B.M. Brost, M.F. Cameron, P.J. Clapham, J.L. Crance, S.P. Dahle, M.E. Dahlheim, B.S. Fadely, M.C. Ferguson, L.W. Fritz, K.T. Goetz, R.C. Hobbs, Y.V. Ivashchenko, A.S. Kennedy, J.M. London, S.A. Mizroch, R.R. Ream, E.L. Richmond, K.E.W. Sheldon, K.L. Sweeney, R.G. Towell, P.R. Wade, J.M. Waite, and A.N. Zerbini. 2022. Alaska marine mammal stock assessments, 2021. U.S. Department of Commerce, NOAA Technical Memorandum NOAA-TM-AFSC-441:304 <https://media.fisheries.noaa.gov/2022-08/NOAA-TM-AFSC-441.pdf>
- National Institute for Occupational Safety and Health (NIOSH). 1998. Criteria for a recommended standard: Occupational noise exposure. United States Department of Health and Human Services, Cincinnati, OH.
- National Research Council (NRC). 2005. Marine mammal populations and ocean noise: Determining when noise causes biologically significant effects. National Academy of Sciences: 142.

- Navy. 2015. Proxy source sound levels and potential bubble curtain attenuation for acoustic modeling of nearshore marine pile driving at Navy installations in Puget Sound. Prepared by Michael Slater, Naval Surface Warfare Center, Carderock Division, and Sharon Rainsberry, Naval Facilities Engineering Command Northwest. Revised January 2015.
- Nedwell, J. and B. Edwards. 2002. Measurements of underwater noise in the Arun River during piling at County Wharf, Li
- NMFS. 2013. Status review of the eastern Distinct Population Segment of Steller sea lion (*Eumetopias jubatus*). Protected Resources Division, Alaska Region, National Marine Fisheries Service, Juneau, AK.
- NMFS. 2016a. Killer whale (*Orcinus orca*). NOAA Fisheries, Office of Protected Resources. Available at: <http://www.nmfs.noaa.gov/pr/species/mammals/whales/killer-whale.html> Accessed on 28 July 2016.
- NMFS. 2016b. Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing: Underwater Acoustic Thresholds for Onset of Permanent and Temporary Threshold Shifts. U.S. Department of Commerce, NOAA. NOAA Technical Memorandum NMFS-OPR-55.
- NMFS. 2018. 2018 Revisions to: Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (Version 2.0): Underwater Acoustic Thresholds for Onset of Permanent and Temporary Threshold Shifts. U.S. Department of Commerce, NOAA. NOAA Technical Memorandum NMFS-OPR-59, 169 p
- NMFS. 2019c. Fisheries Home » Protected Resources » California Sea Lion (*Zalophus Californianus*). As viewed February 2023 at <https://www.fisheries.noaa.gov/species/california-sea-lion>
- NMFS. 2020. Occurrence of Western and Eastern Distinct Population Segment Steller Sea Lions East of 144° W. Longitude. U.S. Department of Commerce, NOAA Fisheries.
- Nowacek, D.P., M.P. Johnson, and P.L. Tyack. 2004. North Atlantic right whales (*Eubalaena glacialis*) ignore ships but respond to alerting stimuli. *Proceedings of the Royal Society of London B: Biological Sciences* 271(1536):227-231.
- Oestman, R., D. Buehler, J. Reyff, and R. Rodkin. 2009. Technical guidance for assessment and mitigation of the hydroacoustic effects of pile driving on fish. Prepared by ICF Jones & Stokes and Illingworth & Rodkin, Inc. for the California Department of Transportation: 298.
- Orr, A.J., A.S. Banks, S. Mellman, H.R. Huber, R.L. DeLong, and R.F. Brown. 2004. Examination of the foraging habits of Pacific harbor seal (*Phoca vitulina richardsi*) to describe their use of the Umpqua River, Oregon, and their predation on salmonids. *Fishery Bulletin* 102:108–117.
- Owl Ridge Natural Resource Consultants. 2019. White Pass & Yukon Route Railroad Dock Dolphin Installation Protected Species Final Report. Final Monitoring Report

- Payne, P.M., and L.A. Selzer. 1989. The distribution, abundance and selected prey of the harbor seal, *Phoca vitulina concolor*, in southern New England. *Marine Mammal Science* 5(2):173-192.
- Pearson, W.H., J.R. Skalski, and C.I. Malme. 1992. Effects of sounds from a geophysical survey device on behavior of captive rockfish (*Sebastes* spp.). *Canadian Journal of Fisheries and Aquatic Sciences* 49:1343-1356.
- Popper, A.N. and M.C. Hastings. 2009. The effects of anthropogenic sources of sound on fishes. *Journal of Fish Biology* 75 (3):455-489.
- Rehberg, M.J., R.D. Andrews, U.G. Swain, and D.G. Calkins. 2009. Foraging behavior of adult female Steller sea lions during the breeding season in Southeast Alaska. *Marine Mammal Science* 25:588-604.
- 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.
- Reichmuth, C., A. Ghoul, J.M. Sillis, A. Rouse, and B.L. Southall. 2016. Low-frequency temporary threshold shift not observed in spotted or ringed seals exposed to single air gun impulses. *Journal of the Acoustical Society of America* 140:2648-2658.
- Richardson, W.J., C.R. Greene, C.I. Malme, and D.H. Thomson. 1995. *Marine Mammals and Noise*. Academic Press, Inc., San Diego, CA.
- Schlundt, C.E., J.J. Finneran, D.A. Carder, and S.H. Ridgway. 2000. Temporary shift in masked hearing thresholds of bottlenose dolphins, *Tursiops truncatus*, and white whales, *Delphinapterus leucas*, after exposure to intense tones. *Journal of the Acoustical Society of America* 107:3496-3508.
- Scholik, A.R. and H.Y. Yan. 2001. The effects of underwater noise on auditory sensitivity of fish. *Proceedings of the Institute of Acoustics* 23(4):27.
- Skalski, J.R., W.H. Pearson, and C.I. Malme. 1992. Effects of sounds from a geophysical survey device on catch-per-unit-effort in a hook-and-line fishery for rockfish (*Sebastes* spp.). *Canadian Journal of Fisheries and Aquatic Sciences* 49(7):1357-1365.
- Solstice Alaska Consulting, Inc. (SolsticeAK). 2023. Correspondence with Heather Sanborne, captain and owner, Haines Family Fishing Charters, Haines Alaska, and Carrie Connaker, SolsticeAK, regarding the presence of marine mammal species in Lutak Inlet. January 30, 2023.
- Southall, B.L., A.E. Bowles, W.T. Ellison, J.J. Finneran, R.L. Gentry, C.R. Greene, et al. 2007. Marine mammal noise exposure criteria: initial scientific recommendations. *Aquatic Mammals* 33(4):411-521.
- Southall B L, Finneran J J, Reichmuth C, Nachtigall P E, Ketten D R, Bowles A E, Ellison W T, Nowacek D P, Tyack P L (2019). *Marine Mammal Noise Exposure Criteria: Updated*

Scientific Recommendations for Residual Hearing Effects. *Aquatic Mammals* 2019, 45(2), 125-232, DOI 10.1578/AM.45.2.2019.125.

- Straley, J.M. 1990. Fall and winter occurrence of humpback whales (*Megaptera novaeangliae*) in southeastern Alaska. In P.S. Hammond, S.A. Mizroch, and G.P. Donovan (editors), Report of the International Whaling Commission (Special Issue 12): Individual Recognition of Cetaceans: Use of Photo-Identification and Other Techniques to Estimate Population Parameters, pp. 319–322. International Whaling Commission. NMFS AFSC Processed Report 93-10, U.S. Department of Commerce.
- Straley, J.M., J.R. Moran, K.M. Boswell, J.J. Vollenweider, R.A. Heintz, T.J. Quinn, B.H. Witteveen, and S.D. Rice. 2018. Seasonal presence and potential influence of humpback whales in wintering Pacific herring populations in the Gulf of Alaska. *Deep-Sea Research Part II* 147:173-186.
- Swain, U., J. Lewis, G. Pendleton, and K. Pitcher. 1996. Movements, haulout, and diving behavior of harbor seals in southeast Alaska and Kodiak Island. In Annual Report: Harbor seal investigations in Alaska, pp. 59–144. NOAA Grant NA57FX0367. Alaska Department of Fish and Game, Division of Wildlife Conservation. Douglas, AK.
- Teerlink, S.F. 2017. Humpback whales and humans: a multi-disciplinary approach to exploring the whale-watching industry in Juneau, Alaska. Thesis (Ph.D.) University of Alaska Fairbanks.
- Thorson, P. and J.A. Reyff. 2006. San Francisco-Oakland Bay Bridge East Span Seismic Safety Project: marine mammal and acoustic monitoring for the marine foundations at piers E2 and T1, January-September 2006. Prepared by SRS Technologies and Illingworth & Rodkin, Inc. for the California Department of Transportation, 51 p.
- Tollit, D.J., S.P.R. Greenstreet, and P.M. Thompson. 1997. Prey selection by harbor seals (*Phoca vitulina*) in relation to variations in prey abundance. *Canadian Journal of Zoology* 75:1508–1518.
- Tom Mortensen Associates, LLC. 2021. Marine Mammal Monitoring Report for the Lutak Dock RoRo Modification Project, Lutak Inlet, Alaska. NMFS Consultation AKRO-2019-01875.
- Wade, P.R., J.W. Durban, J.M. Waite, A.N. Zerbini, and M.E. Dahlheim. 2003. Surveying killer whale abundance and distribution in the Gulf of Alaska and Aleutian Islands. *AFSC Quarterly Report*, October-November-December 2003.
- Wade, P.R., T.J. Quinn II, J. Barlow, C.S. Baker, A.M. Burdin, J. Calambokidis, P.J. Clapham, E. Falcone, J.K.B. Ford, C.M. Gabriele, R. Leduc, D.K. Mattila, L. Rojas-Bracho, J. Straley, B.L. Taylor, J. Urbán R., D. Weller, B.H. Witteveen, and M. Yamaguchi. 2016. Estimates of abundance and migratory destination for North Pacific humpback whales in both summer feeding areas and winter mating and calving areas. Paper SC/66b/IA21 submitted to the Scientific Committee of the International Whaling Commission, June 2016, Bled, Slovenia.

- Ward, W.D. 1960. Recovery from high values of temporary threshold shift. *Journal of the Acoustical Society of America* 32:497-500.
- Ward, W.D., A. Glorig, and D.L. Sklar. 1958. Dependence of temporary threshold shift at 4 kc on intensity and time. *Journal of the Acoustical Society of America* 30:944-954.
- Ward, W.D., A. Glorig, and D.L. Sklar. 1959. Temporary threshold shift from octave-band noise: Application to damage-risk criteria. *Journal of the Acoustical Society of America* 31:522-528.
- Wartzok D., A.N. Popper, J. Gordon J., and J.J. Merrill. 2004. Factors affecting the responses of marine mammals to acoustic disturbance. *Marine Technology Society Journal* 37:6-15.
- Wartzok, D., A.N. Popper, J. Gordon, and J. Merrill. 2003. Factors affecting the responses of marine mammals to acoustic disturbance. *Marine Technology Society Journal* 37(4):6-15.
- Wartzok, D., and D.R. Ketten. 1999. Marine mammal sensory systems. pp 117-175 In J.E. Reynolds II & S.A. Rommel (Eds.), *Biology of marine mammals*. Washington, DC: Smithsonian Institution Press.
- Weilgart, L.S. 2007. A brief review of known effects of noise on marine mammals. *International Journal of Comparative Psychology* 201(2-3):159-168.
- Witteveen, B.H., G.A.J. Worthy, R.J. Foy, and K.M. Wynne. 2012. Modeling the diet of humpback whales: An approach using stable carbon and nitrogen isotopes in a Bayesian mixing model. *Marine Mammal Science* 28:E233–E250.
- Wright, S. 2023. Personal Communication: Sadie Wright, AKR Large Whale Entanglement and Oil Spill Response Coordinator, NOAA Fisheries Alaska Region, Juneau, Alaska 99801; Email exchanges February 1, 2023 with Craig Cockrell and Cara Hotchkin
- Wynne, K.M., and B.H. Witteveen. 2009. GAP09: Whales as sentinels in a changing environment. Final Report NOAA Grant NA09NMF4390339, University of Alaska Fairbanks. Kodiak, AK.
- Wynne, K.W. 2012. *Guide to Marine Mammals of Alaska*. Alaska Sea Grant College Program, Fairbanks, Alaska, 3rd edition, 2007.
- Wynne, K.W., R. Foy, and L. Buck. 2011. Gulf Apex Predator-prey Study (GAP): FY2004-06 Standardized Comprehensive Report NOAA Federal Program. Available at: http://seagrant.uaf.edu/map/gap/reports/GAP-04-06_Final.pdf
- Yazvenko, S.B., T.L. McDonald, S.A. Blokhin, S.R. Johnson, H.R. Melton, M.W. Newcomer, et al. 2007. Feeding of western gray whales during a seismic survey near Sakhalin Island, Russia. *Environmental Monitoring and Assessment* 134(1-3):93-106.
- Zerbini, A.N., J.M. Waite, J.L. Laake, and P.R. Wade. 2006. Abundance, trends, and distribution of baleen whales off Western Alaska and the Central Aleutian Islands. *Deep-Sea Research* 53:1772-1790.