

## REFERENCES

2019 FRN IHA:

AECOM. 2018. 2018 Annual Biological Monitoring and Mitigation Compliance Report for the Chevron Long Wharf Maintenance and Efficiency Project.

ANSI (American National Standards Institute). 2013. Acoustic Terminology (ANSI S1.1- 2013). New York: Acoustical Society of America.

Au, W.W.L. and M.C. Hastings. 2008. Principles of Marine Bioacoustics. Springer, New York

Caltrans. 2015. *Technical Guidance for Assessment and Mitigation of the Hydroacoustic Effects of Pile Driving on Fish*. Available online: [http://www.dot.ca.gov/hq/env/bio/files/bio\\_tech\\_guidance\\_hydroacoustic\\_effects\\_110215.pdf](http://www.dot.ca.gov/hq/env/bio/files/bio_tech_guidance_hydroacoustic_effects_110215.pdf).

Caltrans. 2015b. Incidental Harassment Authorization Application: Activities Related To The Demolition Of Pier E3 Of The East Span Of The Original San Francisco - Oakland Bay Bridge. California Department of Transportation San Francisco - Oakland Bay Bridge Toll Bridge Program April 2015

Caltrans. 2018. San Francisco–Oakland Bay Bridge East Span Seismic Safety Project. Incidental Harassment Authorization Application For the Incidental Harassment of Marine Mammals Resulting from Activities Associated with the Demolition and Reuse of the Marine Foundations of the Original East Span of the San Francisco–Oakland Bay Bridge. EA 04-013584. EFIS#: 04-16000289. March 2018

Codde, S. and S. Allen. 2013. Pacific Harbor Seal (*Phoca vitulina richardsi*) Monitoring at Point Reyes National Seashore and Golden Gate National Recreation Area. 2012 Annual Report. Natural Resource Technical Report NPS/SFAN/NRTR-2013/806. 2013.

Codde, S. and S. Allen. 2015. Pacific harbor seal (*Phoca vitulina richardii*) monitoring at Point Reyes National Seashore and Golden Gate National Recreation Area: 2014 annual report. Natural Resource Report NPS/SFAN/NRR—2015/1082. National Park Service, Fort Collins, Colorado.

Codde, S. and S. Allen. 2017. Pacific harbor seal (*Phoca vitulina richardii*) monitoring at

Point Reyes National Seashore and Golden Gate National Recreation Area: 2015 annual report. Natural Resource Report NPS/SFAN/NRR—2017/1516. National Park Service, Fort Collins, Colorado.

GCCR. 2017. Stern, J, W Keener, I. Szczepaniak and MA. Webber. Return of Harbor Porpoises (*Phocoena phocoena*) to San Francisco Bay. Aquatic Mammals 2017, 43(6), 691-702.

GGCR (Golden Gate Cetacean Research), 2018. Bottlenose Dolphin Project. Available online at: <http://www.ggcetacean.org/bottlenose-dolphin.html>. Accessed on March 30, 2018.

Green, D; E. Grigg; and H. Markovitz. 2002. Monitoring the potential impact of the seismic retrofit construction activities at the Richmond San Rafael Bridge on harbor seals (*Phoca vitulina*): May 1 1998 – February 2002. Final Report to the California Department of Transportation, February.

Green, D; E. Grigg; S. Allen, and H. Markovitz. 2006. Monitoring the potential impact of the seismic retrofit construction activities at the Richmond San Rafael Bridge on harbor seals (*Phoca vitulina*): May 1 1998 – September 15 2005. Final Report to the California Department of Transportation, January.

Hemilä, S., Nummela, S., Berta, A., and Reuter, T. 2006. High-frequency hearing in phocid and otariid pinnipeds: An interpretation based on inertial and cochlear constraints. *The Journal of the Acoustical Society of America*, 120(6), 3463–3466.

Illingworth & Rodkin, Inc. 2013. Naval Base Kitsap at Bangor Trident Support Facilities Explosive Handling Wharf (EHW-2) Project - Acoustic Monitoring Report, BANGOR, WASHINGTON. 23 April 2013, Revised 15 May 2013. Prepared by Illingworth & Rodkin, Inc. for U.S. Navy.

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.

Keener 2011. 60 Years After Leaving, Porpoises Again Play In SF Bay. NPR/ALL Things Considered. <https://www.kcur.org/post/60-years-after-leaving-porpoises-again-play-sf-bay#stream/0>. Accessed April 5, 2019.

Laughlin, Jim. 2012. Underwater Vibratory Sound Levels from Steel and Plastic on Steel Pile Installation at the Anacortes Ferry Terminal. Prepared for Washington State Department of Transportation. March 2012.

NMFS 2017. Taking of Marine Mammals Incidental to Specified Activities; Dismantling of the Original East Span of the San Francisco-Oakland Bay Bridge. United States Federal Register 82 FR 26063. Published June 6, 2017.

NMFS 2018 NMFS' Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (Version 2.0). NOAA Technical Memorandum NMFS-OPR-59. <https://www.fisheries.noaa.gov/national/marine-mammal-protection/marine-mammal-acoustic-technical-guidance>. Accessed 4/1/19.

NOAA. 2019. March 2019 El Niño Update: Think Spring. <https://www.climate.gov/news-features/blogs/enso/march-2019-el-ni%C3%B1o-update-think-spring>. Accessed April 5, 2019.

Perlman, D., 2017. Warmer Waters Have More Bottlenose Dolphins Turning Up in San Francisco Bay. SF Gate. Available online at: <http://www.sfgate.com/science/article/Warmer-waters-have-more-bottlenose-dolphins-10831036.php>. Accessed April 2, 2018.

Reichmuth, C., Holt, M. M., Mulsow, J., Sills, J. M., & Southall, B. L. 2013. Comparative assessment of amphibious hearing in pinnipeds. *Journal of Comparative Physiology A*, 199(6), 491–507.

Richardson, W. J., Greene, C. R., Jr., Malme, C. I., and Thomson, D. H. 1995. *Marine mammals and noise*. San Diego, CA: Academic Press.

Southall, B.L., A.E. Bowles, W.T. Ellison, J.J. Finneran, R.L. Gentry, C.R. Greene, Jr., D. Kastak, D.K. 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. *Special Issue of Aquatic Mammals*. 33(4): 412-522.

Wartzok, D., and Ketten, D. R. 1999. Marine Mammal Sensory Systems. In J. E. Reynolds III and S. A. Rommel (Eds.), *Biology of Marine Mammals* (pp. 117–175). Smithsonian Institute Press.

Washington State Department of Transportation (WSDOT). 2011. Port Townsend Dolphin Timber Pile Removal – Vibratory Pile Monitoring Technical Memorandum.

January 3, 2011.

New References, 2020 Proposed Renewal IHA:

Carretta, J. V., Forney, K. A., Oleson, E. M., Weller, D. W., Lang, A. e. R., Baker, J. D., Muto, M., Hanson, B., Orr, A. J., Huber, H. R., Lowry, M. S., Barlow, J., Moore, J. E., Lynch, D., Carswell, L., and Brownell Jr., R. L. 2019. U.S. Pacific Marine Mammal Stock Assessments: 2018. doi: <https://doi.org/10.25923/x17q-2p43>.

Carretta, J. V., Forney, K. A., Oleson, E. M., Weller, D. W., Lang, A. R., Baker, J., Muto, M. M., Hanson, B., Orr, A. J., Huber, H., Lowry, M. S., Barlow, J., Moore, J. E., Lynch, D., Carswell, L., and Brownell Jr., R. L. 2019. DRAFT U.S. PACIFIC MARINE MAMMAL STOCK ASSESSMENTS: 2019. Retrieved from <https://www.fisheries.noaa.gov/national/marine-mammal-protection/draft-marine-mammal-stock-assessment-reports>.

Muto, M. M., Helker, V. T., Angliss, R. P., Boveng, P. L., Breiwick, J. M., Cameron, M. F., Clapham, P., Dahle, S. P., Dahlheim, M. E., Fadely, B. S., Ferguson, M. C., Fritz, L. W., Hobbs, R. C., Ivashchenko, Y. V., Kennedy, A. S., London, J. M., Mizroch, S. A., Ream, R. R., Richmond, E. L., Shelden, K. E. W., Sweeney, K. L., Towell, R. G., Wade, P. R., Waite, J. M., and Zerbini, A. N. 2019. Alaska Marine Mammal Stock Assessments, 2018. doi: <https://doi.org/10.25923/15rp-p193>.

Muto, M. M., Helker, V. T., Delean, B. J., Angliss, R. P., Boveng, P. L., Breiwick, J. M., Brost, B. M., Cameron, M. F., Clapham, P. J., Dahle, S. P., Dahlheim, M. E., Fadely, B. S., Ferguson, M. C., Fritz, L. W., Hobbs, R. C., Ivashchenko, Y. V., Kennedy, A. S., London, J. M., Mizroch, S. A., Ream, R. R., Richmond, E. L., Shelden, K. E. W., Sweeney, K. L., Towell, R. G., Wade, P. R., Waite, J. M., and Zerbini, A. N. 2019. Alaska Marine Mammal Stock Assessments, 2019. Retrieved from <https://www.fisheries.noaa.gov/national/marine-mammal-protection/draft-marine-mammal-stock-assessment-reports>.