



NOAA

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE



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NOAA Seeks Comments on Proposed Authorization for Navy Sonar Operations in the Gulf of Alaska

NOAA's Fisheries Service is seeking comments now through November 18 on its proposed rule to authorize impacts to marine mammals during Navy training exercises in the Gulf of Alaska. The NOAA proposal includes protective measures designed to minimize effects on marine mammals.

The Navy has requested an authorization under the Marine Mammal Protection Act, because the mid-frequency sound generated by tactical sonar, and the sound and pressure generated by detonating explosives, may affect the behavior of some marine mammals, or cause a temporary loss of their hearing sensitivity.

NOAA's Fisheries Service does not expect the exercises to result in serious injury or death to marine mammals, and proposes that the Navy use mitigation measures to avoid injury or death. However, exposure to sonar in certain circumstances has been associated with the stranding of some marine mammals, and some injury or death may occur despite the best efforts of the Navy. Therefore, the proposed authorization allows for a small number of incidental injuries to marine mammals.

NOAA's Fisheries Service has made a preliminary determination that these effects would have a negligible effect on the species or stocks involved.

Under the authorization, the Navy would have to follow mitigation measures to minimize effects on marine mammals, including:

- establishing marine mammal safety zones around each vessel using sonar;
- using Navy observers to shut down sonar operations if marine mammals are seen within designated safety zones;
- using exclusion zones to ensure that explosives are not detonated when animals are detected within a certain distance;
- implementing a stranding response plan that includes a training shutdown provision in certain circumstances, and allows for the Navy to contribute in-kind services to NOAA's Fisheries Service if the agency has to conduct a stranding response and investigation.

These measures should minimize the potential for injury or death and significantly reduce the number of marine mammals exposed to levels of sound likely to cause temporary loss of hearing. Additionally, the proposed rule includes an adaptive management component that requires that the Navy and NOAA's Fisheries Service meet yearly to discuss new science, Navy research and development, and Navy monitoring results to determine if modifications to mitigation or monitoring measures are appropriate.

NOAA's Fisheries Service and the Navy have worked to develop a robust monitoring plan to use independent, experienced vessel-based marine mammal observers (as well as Navy watch standers), and passive acoustic monitoring to help better understand how marine mammals respond to various levels of sound and to assess the effectiveness of mitigation measures. Additionally, an Integrated Comprehensive Monitoring Plan being developed by the Navy (with input from NOAA's Fisheries Service) will better prioritize monitoring goals and standardize data collection methods across all U.S. Range Complexes.

The Navy has been conducting training exercises, including the use of mid-frequency sonar, in the Gulf of Alaska for more than 30 years. However, unlike Navy training activities in other areas that occur year round, the exercises in the Gulf of Alaska will only take place between April and October. These activities will consist of one or two exercises, each lasting up to 21 days. Activities range from large-scale, multi-day joint exercises using multiple surface vessels, submarines and aircraft, to multi-hour exercises designed to target specific skills or weapons systems, such as submarine or missile tracking. Some exercises involve explosives.

NOAA's Fisheries Service will accept comments on the application and proposed authorization through November 18th. Comments should be addressed to:

Michael Payne, Chief of the Permits, Conservation, and Education Division
Office of Protected Resources, NOAA Fisheries
1315 East West Highway
Silver Spring, MD 20910

Electronic public comments may be submitted via the Federal eRulemaking Portal <http://www.regulations.gov> using the identifier 0648-BA14.

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On the Web:

NOAA's Fisheries Service: <http://www.nmfs.noaa.gov>