

**SUBSEQUENT TO REVIEW OF THE APPLICATION, NMFS REQUESTED THE NAVY PROVIDE ADDITIONAL INFORMATION REGARDING THEIR PROPOSED REPORTING MEASURES – THE NAVY PROVIDED THE INFORMATION BELOW ON FEBRUARY 24, 2009**

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**ANNUAL NWTRC REPORT**

The Navy will submit an Annual NWTRC Report on October 1 of every year (covering data gathered through August 1). This report shall contain the subsections and information indicated below.

**ASW SUMMARY**

This section shall include the following information as summarized from non-major training exercises (unit-level exercises, such as TRACKEXs and MIW):

(a) Total Hours Sub-section- Total annual hours of each type of sonar source (along with explanation of how hours are calculated for sources typically quantified in alternate way (buoys, torpedoes, etc.))

(b) Cumulative Impact Sub-section - To the extent practicable, the Navy, in coordination with NMFS, shall develop and implement a method of annually reporting non-major training (i.e., ULT) utilizing hull-mounted sonar. The report shall present an annual (and seasonal, where practicable) depiction of non-major training exercises geographically across NWTRC. The Navy shall include (in the NWTRC annual report) a brief annual progress update on the status of the development of an effective and unclassified method to report this information until an agreed-upon (with NMFS) method has been developed and implemented.

## **SINKEXs**

This section shall include the following information for each SINKEX completed that year:

### (a) Exercise info:

- (i) Location
- (ii) Date and time exercise began and ended
- (iii) Total hours of observation by watchstanders before, during, and after exercise
- (iv) Total number and types of rounds expended / explosives detonated
- (v) Number and types of passive acoustic sources used in exercise
- (vi) Total hours of passive acoustic search time
- (vii) Number and types of vessels, aircraft, etc., participating in exercise
- (viii) Wave height in feet (high, low and average during exercise)
- (ix) Narrative description of sensors and platforms utilized for marine mammal detection and timeline illustrating how marine mammal detection was conducted

### (b) Individual marine mammal observation during SINKEX (by Navy lookouts) info

- (i) Location of sighting
- (ii) Species (if not possible – indication of whale/dolphin/pinniped)
- (iii) Number of individuals
- (iv) Calves observed (y/n)
- (v) Initial detection sensor
- (vi) Length of time observers maintained visual contact with marine mammal
- (vii) Wave height
- (viii) Visibility

(ix) Whether sighting was before, during, or after detonations/exercise, and how many minutes before or after

(x) Distance of marine mammal from actual detonations (or target spot if not yet detonated) – use four categories to define distance: 1) the modeled injury threshold radius for the largest explosive used in that exercise type in that OPAREA (TBD m for SINKEX in NWTRC); 2) the required exclusion zone (1 nm for SINKEX in NWTRC); (3) the required observation distance (if different than the exclusion zone (2 nm for SINKEX in NWTRC); and (4) greater than the required observed distance. For example, in this case, the observer would indicate if < TBD m, from 738 m – 1 nm, from 1 nm – 2 nm, and > 2 nm.

(xi) Observed behavior – Watchstanders will report, in plain language and without trying to categorize in any way, the observed behavior of the animals (such as animal closing to bow ride, paralleling course/speed, floating on surface and not swimming etc.), including speed and direction.

(xii) Resulting mitigation implementation – Indicate whether explosive detonations were delayed, ceased, modified, or not modified due to marine mammal presence and for how long.

(xiii) If observation occurs while explosives are detonating in the water, indicate munitions type in use at time of marine mammal detection.

### **IMPROVED EXTENDED ECHO-RANGING SYSTEM (IEER) SUMMARY**

This section shall include an annual summary of the following IEER information:

- (a) Total number of IEER events conducted in NWTRC
- (b) Total expended/detonated rounds (buoys)

(c) Total number of self-scuttled IEER rounds

### **EXPLOSIVES SUMMARY**

The Navy is in the process of improving the methods used to track explosive use to provide increased granularity. To the extent practicable, the Navy will provide the information described below for all of their explosive exercises. Until the Navy is able to report in full the information below, they will provide an annual update on the Navy's explosive tracking methods, including improvements from the previous year.

(a) Total annual number of each type of explosive exercise (of those identified as part of the "specified activity" in this final rule) conducted in NWTRC

(b) Total annual expended/detonated rounds (missiles, bombs, etc.) for each explosive type

### **NWTRC 5-YR COMPREHENSIVE REPORT**

The Navy shall submit to NMFS a draft report that analyzes and summarizes all of the multi-year marine mammal information gathered during ASW and explosive exercises for which annual reports are required (Annual NWTRC Exercise Reports and NWTRC Monitoring Plan Reports). This report will be submitted at the end of the fourth year of the rule (November 2013), covering activities that have occurred through June 1, 2013.

### **COMPREHENSIVE NATIONAL ASW REPORT**

By June, 2014, the Navy shall submit a draft National Report that analyzes, compares, and summarizes the active sonar data gathered (through January 1, 2014) from the watchstanders and pursuant to the implementation of the Monitoring Plans for the Northwest Training Range Complex, the Atlantic Fleet Active Sonar Training, the

Hawaii Range Complex, the Marianas Islands Range Complex, , the Gulf of Alaska, and the East Coast Undersea Warfare Training Range.