

MEMORANDUM FOR THE RECORD

12 January 2010

Based on the email request from National Marine Fisheries Service Office of Protected Resources on 12 January 2010 requesting amplifying information, the below addendum\supplement to the 01 October 2009 FINAL HRC-SOCAL Annual Exercise Report is submitted. The text and associated graphic are applicable to the Navy's unclassified Exercise report at page 9 Section I(2)(ii) *Cumulative Impact Report* which addresses ASW summary requirements from NMFS' Hawaii Range Complex Letter of Authorization of 09 January 2009:

The text and associated graphic are applicable to the ASW Summary sections 7(f)(2)(ii), (iii), and (iv):

Annual progress update for the Hawaii Range Complex Cumulative Impact Report

Figure 1 depicts MFAS use during non-major training exercises in the HRC from 09 January 2009 until 01 August 2009. The figure summarizes non-major training exercise MFAS usage from ship and submarine hull mounted sonar in the HRC as reported in the Navy's Sonar Positional Reporting System (SPORTS). Figure 1 shows the approximate boundary of all ULT MFAS within the HRC. This area is indicative of the maximum region in which ULT MFAS occurred between January to August 2009. The box does not imply future use will occur in a similar area within the greater HRC boundaries. The Navy has also developed proposed "dense humpback areas" based on the Mobley map (73FR 35510, 35520). Additionally, SPORTS, which archives reported MFAS use, is currently scheduled to receive program updates that will improve reporting details, and also enhance the graphic presentation capability. These upgrades will make it easier to break out the Major Training Exercise data from Unit Level Training as well as seasonal distinctions and improve the ability to graphically present the data for the Cumulative Impact Report. A revised summary following these planned SPORTS upgrades and its status in addressing these questions will be provided in the Navy's next HRC Exercise Report on 01 October 2010.

During the reporting period approximately 37% of HRC MFAS use occurred during the 16 April to 14 December 2009 time period; this season is based on local oceanographic water conditions as they influence marine mammal occurrence in Hawaii, in particularly humpback whales, and are described in the Navy's HRC EIS\OEIS, Marine Mammal Protection Act Letter of Authorization application, and Endangered Species Act Marine Biological Evaluation). Approximately 63% of MFAS use occurred during the 15 December to 15 April 2009 time period.

Of particular note, MFAS was not used within any of the proposed "humpback dense areas" or the "humpback cautionary area" during the potential humpback breeding season (15 December to 15 April).

There is no geographically discernable pattern to MFAS use within the overall HRC shown in Figure 1, nor does the polygon indicate that ULT MFAS occurred in every part of the polygon. Note, the area shown in Figure 1 and seasonal distribution of MFAS is indicative of the 2009 unique training needs which may or may not change each year depending on what degree of training is accomplished, and individual ship deployment schedules.

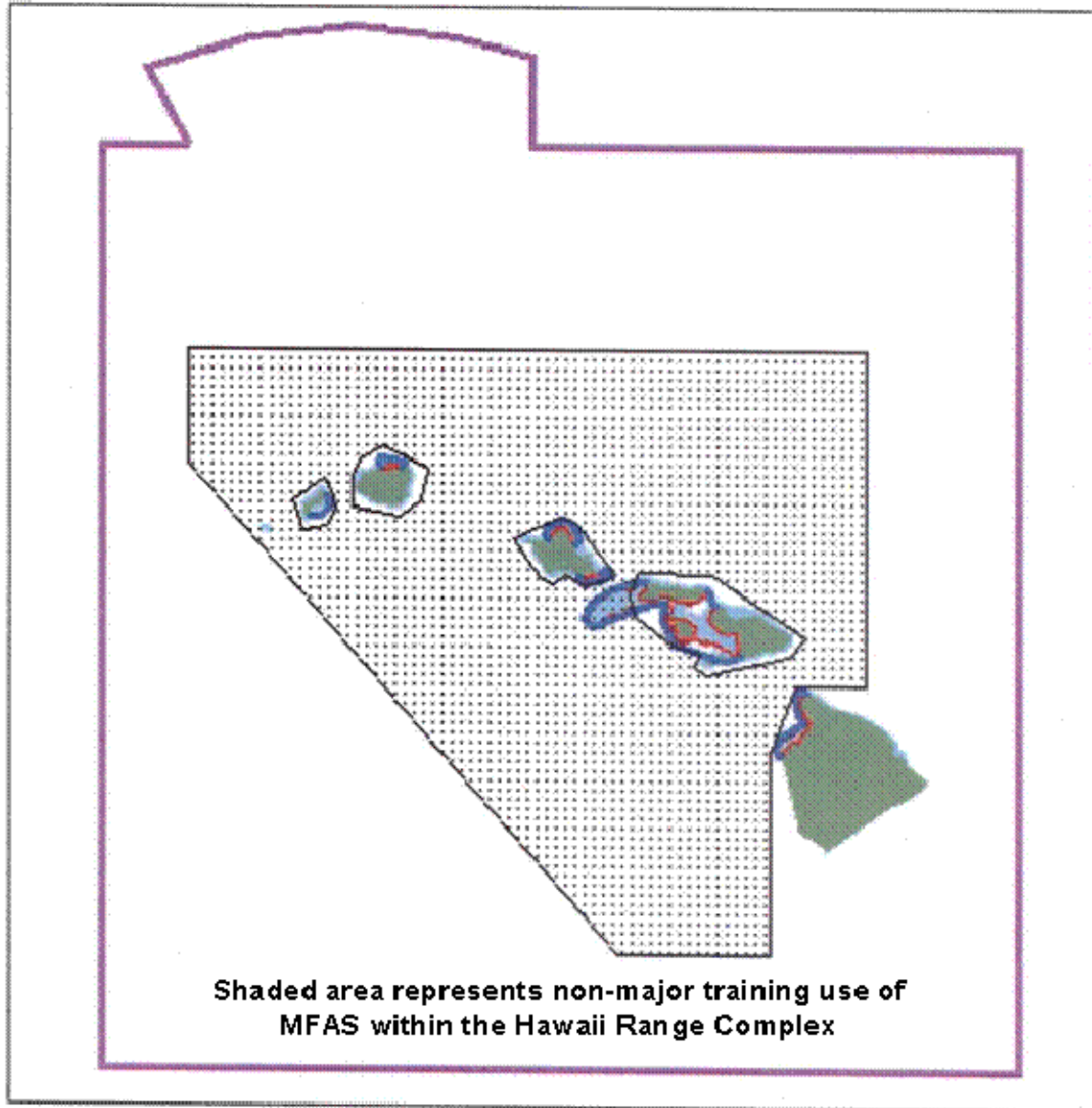


Figure 1. Approximate ULT MFAS boundaries within the HRC. This area is indicative of the maximum region in which ULT MFAS occurred between January to August 2009 and does not imply future use will occur in a similar area within the greater HRC boundaries