

Prepared for  
National Marine Fisheries Service  
Office of Protected Resources

Prepared by  
Department of the Navy  
U.S. Pacific Fleet

**U.S. Navy's  
Southern California Range Complex  
Monitoring Plan  
For The Period  
02 August 2012 to 01 August 2013**

**01 October 2012**

**FINAL**

### Proposed Monitoring From August 2012 to August 2013

For August 2012 through August 2013, the U.S. Navy proposes to keep the same level of monitoring effort in the Southern California Range Complex as was committed to and accomplished annually previously from 2011-2012 (DoN 2011<sup>1</sup>). The only exception will be a focus less on collection of new passive acoustic data if more robust analysis is available from data collected during the start of the current authorization (i.e., 2009-2013). This could include, for instance but not limited to, analysis of species specific vocalizations concurrent with Navy training activities.

Table 1 highlights monitoring goals and commitments for the next year.

The U.S. Navy is committed to addressing NMFS' regulatory required monitoring, contribution to the Navy's Integrated Comprehensive Monitoring Plan, and continued contributions to the greater body of marine mammal science.

**Table 1. U.S. Navy's proposed monitoring goals for the Southern California Range Complex from 02 August 2012 to 01 August 2013.**

Monitoring Technique	Implementation		
<i>Required Elements</i>			
<b>Visual Surveys</b>	Portions of major training events, or unit level training events using sonar; or offshore or inshore detonation events; or baseline behavioral observations/density (100-150 combined hours annually)	Adaptive Management Review for 2014	
<b>Marine Mammal Observers</b>	Opportunistic; major training events, unit level training events, or offshore or inshore detonation events as available (50-100 total hours annually)		
<b>Passive Acoustics Monitoring</b>	Continue and present analysis from passive acoustic recording device(s)		
<i>Optional As Available Elements</i>			
Southern California Range Complex Exercise Summary From Navy Lookout Reports	Continue to collect/analyze marine mammal sightings from Navy lookouts during major training events and present results (data from Southern California Range Complex Exercise Report)		
Other Navy Funded Research in Southern California	Present results from ongoing, other Navy funded (OPNAV N45, ONR) marine mammal research in Southern California		
<b>TOTAL U.S. Navy (U.S. Pacific Fleet) Compliance Monitoring Commitment:</b> <ul style="list-style-type: none"> <li>• 100 to 150 hours visual survey field efforts</li> <li>• 50-100 hours Marine Mammal Observers</li> <li>• PAM: continue analysis of collected data from passive acoustic recording devices</li> </ul>			

<sup>1</sup> DoN (Department of the Navy). 2011. Marine Species Monitoring for the U.S. Navy's Hawaii Range Complex and Southern California Range Complex - Annual Report 2011. Department of the Navy, U.S. Pacific Fleet.