



- [Fisheries Home](#)
- [About Us](#)
- [Programs](#)
- [Regions](#)
- [Science Centers](#)
- [Partners](#)
- [News & Multimedia](#)
- [Fisheries Resources](#)
- [Congress](#)
- [Educators and Students](#)
- [Get Involved](#)
- [Forms](#)

[Fisheries Home](#) » [Protected Resources](#) » [Permits](#) » [Incidental Take Authorizations](#)

Military: Incidental Take Authorizations

In Process

- [U.S. Navy's Training Activities in the Gulf of Alaska Temporary Maritime Activities Area \(2016-2021\)](#)
- [U.S. Navy Joint Logistics Over-the-Shore Training in VA and NC](#)
- [U.S. Navy's Mariana Islands Training and Testing \(MITT\) in the Pacific, south of Japan \(2015-2020\)](#)
- [U.S. Navy's Northwest Training and Testing \(NWT\) in the Pacific Northwest \(2015-2020\)](#)
- [U.S. Marine Corps Training Activities in Pamlico Sound, NC \(2014-2019\)](#)



Credit: U.S. Navy

Active/ Issued

- [U.S. Navy Target and Missile Launch Activities at San Nicolas Island, CA \(2014-2019\)](#)
- [Eglin AFB Precision Strike Weapons and Air-to-Surface Gunnery Exercises near Florida panhandle \(2014-2019\)](#)
- [Vandenberg AFB Launch and Harbor Maintenance Activities near Lompac, CA \(2014-2019\)](#)
- [U.S. Navy's Hawaii Southern California Training and Testing \(HSTT\) \(2013-2018\)](#)
- [U.S. Navy's Atlantic Fleet Training and Testing \(AFTT\) along Atlantic and Gulf coasts \(2013-2018\)](#)
- [U.S. Navy Operations of Surveillance Towed Array Sensor System Low Frequency Active \(SURTASS LFA\) Sonar \(2012-2017\)](#)
- [U.S. Navy Training Activities in the Gulf of Alaska Temporary Maritime Activities Area off Alaska \(2011-2016\)](#)
- [Eglin AFB NEODS Training Operations near Florida panhandle \(2012-2017\)](#)
- [U.S. Navy's Mariana Islands Range Complex, south of Japan \(2010-2015\)](#)

[» Apply for an Authorization](#)

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Expired

- [Testing AN/AQS-20A Mine Reconnaissance Sonar System in the Navy's NSWC Panama City Division Testing Range, FL](#)
- [U.S. Air Force Maritime Strike Operations at Eglin Air Force Base, FL](#)
- [Office of Naval Research Acoustic Technology Experiments in the western North Pacific](#)
- [U.S. Marine Corps Training Activities in Pamlico Sound, NC](#)
- [Other Expired Authorizations \(expired before summer 2014\)](#)

IN PROCESS

U.S. Navy's Training Activities in the Gulf of Alaska Temporary Maritime Activities Area (2016-2021)

Status	Public Comment Period	Issued Date	Effective Dates
IN PROCESS	closed 10/06/2014	-	-

SUMMARY: We received a request from the U.S. Navy for authorization to take marine mammals incidental to the training activities conducted in the Gulf of Alaska Temporary Maritime Activities Area (GOA TMAA) from April 2016-April 2021.

Incidental Take Authorization Documents:

- [Revised LOA Application \[pdf\]](#)
- [LOA Application \[pdf\]](#)
- [Federal Register Notice of Receipt](#)
- [Previous LOA documents \(2011-2016\)](#)

U.S. Navy Joint Logistics Over-the-Shore Training in VA and NC

Status	Public Comment Period	Issued Date	Effective Dates
IN PROCESS	closed 10/15/2014	-	-

SUMMARY: We received a request from the U.S. Navy for authorization to take marine mammals incidental to conducting Joint Logistics Over-the-Shore (JLOTS) training activities in Virginia and North Carolina, from June 2015 through June 2020.

Incidental Take Authorization Documents:

- [LOA Application \[pdf\]](#)
- [Federal Register Notice of Receipt](#)

U.S. Navy's Mariana Islands Training and Testing (MITT), south of Japan

Status	Public Comment Period	Issued Date	Effective Dates
IN PROCESS	closed 10/24/2013	-	-

SUMMARY: We received a request from the U.S. Navy for authorization to take marine mammals incidental to the training and testing activities conducted in the Mariana Islands Training and Testing (MITT) Study Area from March 2015 through March 2020.

Incidental Take Authorization Documents:

- [LOA Application \[pdf\]](#)
- [Federal Register Notice of Receipt](#)

U.S. Navy's Northwest Training and Testing (NWTT)

Status	Public Comment Period	Issued Date	Effective Dates
IN PROCESS	closed 02/28/2014	-	-

SUMMARY: We received a request from the U.S. Navy for authorization to take marine mammals incidental to the training and testing activities conducted in the Northwest Training and Testing (NWTT) Study Area from October 2015-October 2020.

Incidental Take Authorization Documents:

- [Revised LOA Application \[pdf\]](#)
- [LOA Application \[pdf\]](#)
- [Federal Register Notice of Receipt](#)

2014-2019 U.S. Marine Corps Training Activities in Pamlico Sound, NC

Status	Public Comment Period	Issued Date	Effective Dates
IN PROCESS	closed 08/14/2014	-	-

SUMMARY: We received a request from the Marine Corps for authorization to take marine mammals, specifically bottlenose dolphins, by harassment, incidental to training operations at the Marine Corps' Cherry Point Range Complex, NC from September 2014 to September 2019. In this action, NMFS proposes to amend the regulations to establish a framework for authorizing the take of marine mammals incidental to the Marine Corps' military training operations, and to issue a subsequent Letter of Authorization to the Marine Corps, which would contain mitigation, monitoring, and reporting requirements.

Incidental Take Authorization Documents:

- [LOA Application \[pdf\]](#)
- » [Addendum to Application \[pdf\]](#)
- [Proposed Rule](#)
- » [References \[pdf\]](#)

Environmental Analyses:

- [EA \[pdf\]](#)

ACTIVE

U.S. Navy Target and Missile Launch Activities at San Nicolas Island, CA (2014-2019)

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	06/03/2014	06/03/2014-06/03/2019

SUMMARY: We issued an LOA to the Navy's Naval Air Warfare Center Weapons Division to take three species of seals and sea lions incidental to missile launch operations, a military readiness activity, at San Nicolas Island, CA.

Incidental Take Authorization Documents:

- [Issued LOA \[pdf\]](#)
- [Federal Register Notice of Issuance](#)
- [Federal Register Final Rule](#)
- [LOA Application \[pdf\]](#)
- [Federal Register Notice of Receipt](#)
- [Federal Register Proposed Rule](#)

NEPA Analysis:

- [EA \[pdf\]](#)
- [FONSI \[pdf\]](#)

Comments Received

- [Comments Received \[pdf\]](#)

2014-2019 Eglin AFB Precision Strike Weapons and Air-to-Surface Gunnery Exercises

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	03/05/2014	03/05/2014-03/04/2019

SUMMARY: We issued regulations and an LOA to the U.S. Department of the Air Force, Headquarters 96th Air Base Wing (U.S. Air Force), Eglin Air Force Base (Eglin AFB) for authorization to take marine mammals, by harassment, incidental to testing and training activities associated with Precision Strike Weapon and Air-to-Surface gunnery missions, both of which are military readiness activities, at Eglin AFB, FL from approximately June 2013 to June 2018.

Incidental Take Authorization Documents:

- [Issued LOA](#) [pdf]
- [Federal Register Final Rule](#)
- [LOA Application](#) [pdf]
- [Federal Register Notice of Receipt](#)
- [Federal Register Proposed Rule](#)

2014-2019 VAFB Launch and Harbor Maintenance Activities

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	03/2014	03/26/2014-03/26/2019

SUMMARY: We issued regulations and an LOA to the U.S. Air Force for take of marine mammals incidental to launches, aircraft, and helicopter operations from Vandenberg Air Force Base (VAFB) launch complexes and Delta Mariner operations, cargo unloading activities, and harbor maintenance dredging in support of the Delta IV/Evolved Expendable Launch Vehicle (EELV) launch activity on south VAFB for the period March 2014 to March 2019.

Incidental Take Authorization:

- [Federal Register Notice of Issuance](#)
- [Federal Register Notice of Proposed LOA](#)
- [LOA Application](#) [pdf]
- [Federal Register Notice of Receipt](#)

NEPA Analysis:

- [EA](#) [pdf]
- [FONSI](#) [pdf]

Comments Received

- [Comments Received](#) [pdf]

2013-2018 U.S. Navy's Hawaii Southern California Training and Testing (HSTT)

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed 03/11/2013	12/24/2013	12/24/2013-12/24/2018

SUMMARY: We issued regulations under the Marine Mammal Protection Act (MMPA) to govern the unintentional taking of marine mammals incidental to training and testing activities conducted in the Hawaii-Southern California Training and Testing (HSTT) Study Area from December 2013 through December 2018. These regulations allow us to issue Letters of Authorization (LOAs) for the incidental take of marine mammals during the Navy's specified activities and time frames, set forth the permissible methods of taking, set forth other means of effecting the least practicable adverse impact on marine mammal species or stocks and their habitat, and set forth requirements pertaining to the monitoring and reporting of the incidental take.

Incidental Take Authorization:

- [Training LOA](#) [pdf]
- [Testing LOA](#) [pdf]
- [Final Rule in the Federal Register](#)
*Correction to Final Rule to description of Level B harassment of Eastern North Pacific gray whales
- [Proposed Rule in Federal Register](#)
- [Notice of Receipt in Federal Register](#)
- [LOA Application](#) [pdf]

National Environmental Policy Act Analysis:

- [Record of Decision \(ROD\)](#) [pdf]

Supporting Documents

- [California Stranding Response Plan](#) [pdf]
- [Hawaii Stranding Response Plan](#) [pdf]
- [Navy Strategic Planning Process for Monitoring](#) [pdf]
- [Integrated Comprehensive Monitoring Program](#) [pdf]
- [HSTT Monitoring Projects](#) [pdf]
- [Press Release](#) [pdf]

2013-2018 U.S. Navy's Atlantic Fleet Training and Testing (AFTT)

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	12/04/2013	11/14/2013-11/13/2018

SUMMARY: We issued regulations under the Marine Mammal Protection Act to govern the unintentional taking of marine mammals incidental to training and testing activities conducted in the Atlantic Fleet Training and Testing (AFTT) Study Area from November 2013 through November 2018. These regulations allow us to issue Letters of Authorization (LOA) for the incidental take of marine mammals during the Navy's specified activities and timeframes, set forth the permissible methods of taking, set forth other means of effecting the least practicable adverse impact on marine mammal species or stocks and their habitat, and set forth requirements pertaining to the monitoring and reporting of the incidental take.

Incidental Take Authorization:

- [Issued LOA for Training](#) [pdf]
- [Issued LOA for Testing](#) [pdf]
- [Federal Register Final Rule](#)
- [Federal Register Proposed Rule](#)
- [Federal Register Notice of Receipt](#)
- [Updated LOA Application](#) [pdf]
- [LOA Application \(original\)](#) [pdf]

Supporting Documents

- [Stranding Response Plan](#) [pdf]
- [Navy Strategic Planning Process for Monitoring](#) [pdf]
- [Integrated Comprehensive Monitoring Program](#) [pdf]
- [Press Release](#) [pdf]

2012-2017 U.S. Navy Operations of Surveillance Towed Array Sensor System Low Frequency Active (SURTASS LFA) Sonar

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	08/15/2012	08/15/2012-08/15/2017

SUMMARY: We issued regulations under the Marine Mammal Protection Act to govern the unintentional taking of marine mammals incidental to conducting operations of Surveillance Towed Array Sensor System (SURTASS) Low Frequency Active (LFA) sonar on a maximum of four naval surveillance vessels in areas of the Pacific, Atlantic, and Indian Oceans and the Mediterranean Sea from August 15, 2012 through August 15, 2017.

Incidental Take Authorization:

- [2014-5 Issued LOA](#) [pdf]
- [2014 Application](#) [pdf]
- [2013-4 Issued LOAs](#) [pdf]
- [2013 Application](#) [pdf]
- [2012-3 Issued LOAs](#) [pdf]
- [2012 LOA Application](#) [pdf]
- [2012 Final Rule in the Federal Register](#)
- [2012-2017 Rulemaking Application](#) [pdf]

National Environmental Policy Act Analysis:

- [NMFS Record of Decision](#) [pdf]
- [Final EIS](#)

Supporting Documents

- [2013 Annual Report](#) [pdf]
- [2012 Annual Report](#) [pdf]
- [Final Comprehensive Report \(2007\)](#) [pdf]

2011-2016 U.S. Navy Training Activities in the Gulf of Alaska Temporary Maritime Activities Area

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	05/04/2011	05/04/2011-05/04/2016

SUMMARY: We issued regulations to govern the unintentional taking of marine mammals incidental to training activities conducted in the Gulf of Alaska (GoA) Temporary Maritime Activities Area (TMAA) for the period April 2011 through April 2016. The Navy's activities are considered military readiness activities under the Marine Mammal Protection Act (MMPA), as amended by the National Defense Authorization Act (NDAA). These regulations, which allow for the issuance of Letters of Authorization (LOAs) for the incidental take of marine mammals during the described activities and specified timeframes, prescribe the permissible methods of taking and other means of effecting the least practicable adverse impact on marine mammal species or stocks and their habitat, as well as requirements pertaining to the monitoring and reporting of such taking.

Incidental Take Authorization:

- [Correction to Federal Register Final Rule](#) [pdf]
- [Federal Register Final Rule](#) [pdf]
- [Federal Register Proposed Rule](#) [pdf]
- [LOA Application](#) [pdf]

National Environmental Policy Act Analysis:

- [Draft EIS](#) [pdf]

Supporting Documents

- [Final Monitoring Plan](#) [pdf]
- [Draft Monitoring Plan](#) [pdf]
- [Stranding Protocol](#) [pdf]

2012-2017 Eglin Air Force Base's NEODS Training Operations

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	3/22/2012	4/23/2012-4/24/2017

SUMMARY: We issued to the U.S. Department of the Air Force, Headquarters 96th Air Base Wing (U.S. Air Force), Eglin Air Force Base (Eglin AFB) regulations to govern the taking of Atlantic bottlenose dolphins, by Level B harassment, incidental to Naval Explosive Ordnance Disposal School (NEODS) training operations at Eglin AFB, Florida, for a 5-year period. The U.S. Air Force activities are considered military readiness activities under the Marine Mammal Protection Act (MMPA), as amended by the National Defense Authorization Act (NDAA).

Incidental Take Authorization:

- [Issued LOA](#) [pdf]
- [Federal Register Notice of Issuance](#) [pdf]
- [2012 Final Rule in Federal Register](#) [pdf]
- [2011 Revised Application](#) [pdf]
- [2010 Proposed Rule in Federal Register](#) [pdf]
- [2010 Federal Register notice of receipt](#) [pdf]
- [2009 LOA Application](#) [pdf]

National Environmental Policy Act Analysis:

- [EA](#) [docx]

Supporting Documents

- [Biological Assessment](#) [pdf]
- [2010 ESA informal consultation letter](#) [pdf]
- [ESA Letter](#) [pdf]

2010-2015 U.S. Navy's Mariana Islands Range Complex, south of Japan

Status	Public Comment Period	Issued Date	Effective Dates
ACTIVE	closed	08/03/2010	08/03/2010-08/03/2015

SUMMARY: We, upon application from the Navy on behalf of the Department of Defense (including the Navy, the U.S. Air Force, and the U.S. Marine Corps), issued regulations to govern the unintentional taking of marine mammals incidental to activities conducted in the Mariana Islands Range Complex (MIRC) study area for from 2010-2015. The Navy's activities are considered military readiness activities under the Marine Mammal Protection Act (MMPA), as amended by the National Defense Authorization Act (NDAA).

Incidental Take Authorization:

- [Final Rule](#) [pdf]
- [Proposed Rule](#) [pdf]
- [LOA Application](#) [pdf]
- [LOA Application Addendum](#) [pdf]
- [Additional Information](#) [pdf]

National Environmental Policy Act Analysis:

- [Draft EIS](#) [pdf]
 - » [Vol 1](#) [pdf]
 - » [Vol 2](#) [pdf]

Supporting Documents

- [Final Stranding Protocol](#) [pdf]
- [Final Monitoring Plan](#) [pdf]
- [Draft Stranding Response Plan](#) [pdf]
- [Draft Monitoring Plan](#) [pdf]
- [MISTCS Report](#) [pdf]
- [Programmatic Biological Opinion for the Navy's Mariana Islands Range Complex](#) [pdf]

EXPIRED

Testing AN/AQS-20A Mine Reconnaissance Sonar System in the Navy's NSWC Panama City Division Testing Range, FL

Status	Public Comment Period	Issued Date	Effective Dates
EXPIRED	closed	08/05/2013	07/27/2013-07/26/2014

SUMMARY: We issued an Incidental Harassment Authorization (IHA) to the Navy to take marine mammals, by harassment, incidental to conducting research, development, test and evaluation activities at the Naval Surface Warfare Center Panama City Division (NSWC PCD).

Incidental Take Authorization:

- [Issued IHA](#) [pdf]
- [Federal Register Notice of Issuance](#)
- [Federal Register Notice of Proposed IHA](#)
- [2012 IHA Application](#) [pdf]
- [IHA Renewal Application](#) [pdf]

National Environmental Policy Act Analysis:

- [EA \(Jan 2012\)](#) [pdf]
- [EA \(Aug 2012\)](#) [pdf]

Supporting Documents

- [Mission Activities Report](#) [pdf]
- [Species Monitoring Report](#) [pdf]

U.S. Air Force Maritime Strike Operations at Eglin Air Force Base, FL

Status	Public Comment Period	Issued Date	Effective Dates
EXPIRED	closed	8/22/2013	8/19/2013-8/18/2014

SUMMARY: We issued an IHA to the U.S. Air Force Eglin Air Force Base (Eglin AFB), to take marine mammals, by harassment, incidental to Maritime Strike Operations in the Gulf of Mexico.

Incidental Take Authorization:

- [Issued IHA](#) [pdf]
- [Federal Register Notice of Issuance](#)
- [Federal Register Notice of Proposed IHA](#)
- [IHA Application](#) [pdf]

U.S. Navy's Silver Strand Training Complex exercises near San Diego Bay, CA

Status	Public Comment Period	Issued Date	Effective Dates
EXPIRED	closed	07/05/2013	07/18/2013-07/17/2014

SUMMARY: We issued an IHA to the Navy to take marine mammals, by harassment, incidental to conducting training exercises at the Silver Strand Training Complex (SSTC) in the vicinity of San Diego Bay, CA.

Incidental Take Authorization:

- [IHA Application](#) [pdf]
- [Federal Register Notice of Proposed IHA](#)
- [Federal Register Notice of Issuance](#)
- [Issued IHA](#) [pdf]

Comments Received

- [Comments from Marine Mammal Commission](#) [pdf]

Office of Naval Research Acoustic Technology Experiments in the western North Pacific

Status	Public Comment Period	Issued Date	Effective Dates
EXPIRED	closed	07/08/2013	07/01/2013-06/30/2014

SUMMARY: We issued an IHA to the U.S. Navy's Office of Naval Research (ONR) to take marine mammals, by harassment, incidental to conducting Acoustic Technology Experiments in the western North Pacific Ocean.

Incidental Take Authorization:

- [Issued IHA](#) [pdf]
- [Federal Register Notice of Issuance](#)
- [Federal Register Notice of Proposed IHA](#)
- [IHA Application](#) [pdf]

Comments Received:

- [Comments Received](#) [pdf]

U.S. Marine Corps Training Activities in Pamlico Sound, NC

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Status	Public Comment Period	Issued Date	Effective Dates
EXPIRED	closed	07/15/2013	06/17/2013-06/14/2014

SUMMARY: We issued an IHA to take marine mammals incidental to various training exercises at Marine Corps Air Station Cherry Point Range Complex, NC, from June 2013-June 2014.

Incidental Take Authorization:

- [Issued IHA](#) [pdf]
- [Federal Register notice of issuance](#)
- [Federal Register notice of proposed IHA](#)
- [IHA Application](#) [pdf]

National Environmental Policy Act Analysis:

- [EA \(2009\)](#) [pdf] [9.3 MB]
- [FONSI \(2009\)](#) [pdf]

Supporting Documents

- [Monitoring Report \(2014\)](#) [pdf]
- [Public Comments Received](#) [pdf]
- [Monitoring Report \(2010\)](#) [pdf]

Expired before summer 2014

Applicant	Application	EA/EIS	Documents
2012 Navy Training in the Northwest Training Range Complex (NWTRC)	LOA Renewal Application [pdf] Issued LOA [pdf]		2012 Monitoring Report [pdf] 2012 Exercise Report [pdf]
2012 Navy's Training in the Mariana Islands Range Complex (MIRC)	LOA Renewal Application [pdf] Proposed LOA [pdf]		2012 Exercise Report [pdf] 2012 Monitoring Report [pdf]
Navy's Gulf of Mexico (GOMEX) Range Complex Training Exercises	Renewal Request for LOA [pdf] Issued LOA [pdf] LOA Application Addendum [pdf] LOA [pdf] [1.8 MB]		2011 Monitoring Report (East Coast and Gulf Range Complexes) [pdf] [6.3 MB] 2011 Exercise Report (East Coast and Gulf Range Complexes) [pdf] Monitoring Plan [pdf] Final Rule [pdf] Proposed Rule [pdf]
2012 Navy Training in 12 Range Complexes and U.S. Air Force Space Vehicle and Test Flight Activities in California			Final Rule in Federal Register [pdf] Proposed Rule in Federal Register [pdf]
2011 Navy's Training in Mariana Islands Range Complex (MIRC)	LOA Application [pdf] [1.2 MB]		2011 Exercise Report [pdf] 2011 Monitoring Report [pdf] [1.1 MB]
2011 Navy Training in the Northwest Training Range Complex	LOA Application [pdf]		Federal Register Notice of Issuance [pdf] Monitoring Report [pdf] Exercise Report [pdf]

<p>2010 US Navy Training Conducted within the Silver Strand Training Complex</p>	<p>LOA Addendum [pdf] [2.5 MB]</p> <p>IHA Application [pdf] [6.9 MB]</p> <p>IHA Application version 2 [pdf] [5.0 MB]</p> <p>IHA Application version 3 [pdf] [6.8 MB]</p>		<p>Comments from the Marine Mammal Commission [pdf]</p> <p>Federal Register Notice of Receipt [pdf]</p>
<p>2008 Navy's Northwest Training Range Complex (NWTRC)</p>	<p>NWTRC LOA [pdf] [14.8 MB]</p> <p>LOA [pdf] [2.7 MB]</p> <p>Application Addendum [pdf]</p>	<p>Draft EIS (all) [pdf] [12.9 MB]</p> <p>» Vol 1: Draft EIS [pdf] [9.7 MB]</p> <p>» Vol 2: Draft EIS [pdf] [3.1 MB]</p>	<p>Final Rule [pdf]</p> <p>NWTRC Final Monitoring Plan [pdf] [5.8 MB]</p> <p>Proposed Rule [pdf]</p>
<p>2008 Navy's East Coast Undersea Warfare Training Range</p>	<p>LOA [pdf] [2.9 MB]</p>		
<p>2009-2014 VAFB Space Launch Vehicle and Missile Operations</p>	<p>2013 LOA Issued [pdf]</p> <p>Issued LOA (2011) [pdf] [3.0 MB]</p> <p>Issued LOA (2010) [pdf] [1.0 MB]</p> <p>Issued LOA (2009) [pdf]</p> <p>LOA Application [pdf]</p>	<p>EA [pdf]</p> <p>FONSI [pdf]</p>	<p>2013 Annual Report [pdf]</p> <p>Five-Year Comprehensive Report [pdf]</p> <p>2012 Annual Report [pdf]</p> <p>2011 Annual Report [pdf]</p> <p>2010 Annual Report [pdf] [1.1 MB]</p> <p>2009 Annual Report [pdf]</p> <p>Final Rule [pdf]</p>
<p>2008-12 Navy Cherry Point (CHPT) Range Complex Mission Activities</p>	<p>2012 Renewal Application [pdf]</p> <p>2011 Proposed Modification to LOA [pdf]</p> <p>2011 LOA Issued [pdf]</p> <p>2011 Renewal Application [pdf]</p> <p>2010 LOA [pdf]</p> <p>2009 LOA [pdf]</p> <p>LOA Application [pdf] [1.4 MB]</p> <p>Addendum to LOA Request [pdf]</p>		<p>2011 Monitoring Report (East Coast and Gulf Range Complexes) [pdf] [6.3 MB]</p> <p>2011 Exercise Report (East Coast and Gulf Range Complexes) [pdf]</p> <p>Federal Register Notice of Proposed Modification to LOA [pdf]</p> <p>Federal Register Notice of Issuance of LOA [pdf]</p> <p>2010 Monitoring Report [pdf] [5.8 MB]</p> <p>2010 Exercise Report [pdf]</p> <p>2009 Monitoring Report [pdf] [1.5 MB]</p> <p>2009 Exercise Report [pdf]</p> <p>Final Rule (FRN) [pdf]</p> <p>Monitoring Plan [pdf]</p>
<p>2008 Navy Keyport Range Complex Expansion and Activities</p>	<p>LOA Renewal Request 2012</p>		

	<p>[pdf]</p> <p>2011 LOA [pdf]</p> <p>LOA Addendum [pdf]</p> <p>2008LOA [pdf] [5.5 MB]</p>		<p>2011 Monitoring Report [pdf]</p> <p>2011 Exercise Report [pdf]</p> <p>Final Rule [pdf]</p> <p>Proposed Rule [pdf] [1.1 MB]</p> <p>Federal Register notice [pdf]</p>
<p>2008 Naval Surface Warfare Center Panama City Division</p>	<p>2011 LOA [pdf]</p> <p>2011 Renewal [pdf]</p> <p>2010 LOA [pdf]</p> <p>LOA Application [pdf] [3.1 MB]</p>	<p>Final EIS Volume 1 [pdf]</p> <p>Final EIS Volume 2 [pdf]</p> <p>Draft EIS (Navy website)</p>	<p>2011 Activities Report [pdf]</p> <p>2011 Monitoring Report [pdf]</p> <p>2010 Activity Report [pdf] [1.0 MB]</p> <p>2010 Monitoring Report [pdf]</p> <p>Final Rule (FRN) [pdf]</p>
<p>2008-12 Navy Virginia Capes (VACAPES) Range Complex</p>	<p>2012 Renewal Application [pdf]</p> <p>2011 Proposed Modification to LOA [pdf]</p> <p>2011 LOA Issued [pdf]</p> <p>2011 Renewal Application [pdf]</p> <p>2010 LOA [pdf]</p> <p>2009 LOA [pdf]</p> <p>LOA Application [pdf] [1.7 MB]</p> <p>Addendum to LOA Request [pdf]</p>		<p>2011 Monitoring Report (East Coast and Gulf Range Complexes) [pdf] [6.3 MB]</p> <p>2011 Exercise Report (East Coast and Gulf Range Complexes) [pdf]</p> <p>Federal Register Notice of Proposed Modification to LOA [pdf]</p> <p>Federal Register Notice of Issuance of LOA [pdf]</p> <p>2010 Monitoring Report [pdf] [5.8 MB]</p> <p>2010 Exercise Report [pdf]</p> <p>Federal Register Interim Final Rule [pdf]</p> <p>2009 Monitoring Report [pdf] [1.5 MB]</p> <p>2009 Exercise Report [pdf]</p> <p>Final Rule (FRN) [pdf]</p> <p>Monitoring Plan [pdf]</p>
<p>2008-12 Navy Jacksonville (JAX) Range Complex</p>	<p>2012 Renewal Application [pdf]</p> <p>2011 Proposed Modification to LOA [pdf]</p> <p>2011 LOA Issued [pdf]</p> <p>2011 Renewal Application [pdf]</p> <p>2010 LOA [pdf]</p> <p>2009 LOA</p>		<p>2011 Monitoring Report (East Coast and Gulf Range Complexes) [pdf] [6.3 MB]</p> <p>2011 Exercise Report (East Coast and Gulf Range Complexes) [pdf]</p> <p>Federal Register Notice of Proposed Modification to LOA [pdf]</p> <p>Federal Register Notice of Issuance of LOA [pdf]</p>

	<p>[pdf]</p> <p>LOA Application [pdf] [1.6 MB]</p> <p>Addendum to LOA Request [pdf]</p>		<p>2010 Monitoring Report [pdf] [5.8 MB]</p> <p>2010 Exercise Report [pdf]</p> <p>Federal Register Interim Final Rule [pdf]</p> <p>2009 Monitoring Report [pdf] [1.5 MB]</p> <p>2009 Exercise Report [pdf]</p> <p>Final Rule (FRN) [pdf]</p> <p>Monitoring Plan [pdf]</p>
2008 Eglin Air Force Base Surf Zone Exercise off Santa Rosa Island, FL	<p>IHA [pdf]</p>	Supplemental EA for Cumulative Impact Analysis [pdf]	
2007 Navy Ship Shock Trial - USS MESA VERDE	<p>LOA [pdf]</p>		90-day report [pdf]
2008 Navy's Hawaii Range Complex (HRC)	<p>2011 LOA [pdf] [1.5 MB]</p> <p>2011 HRC LOA renewal application [pdf] [1.6 MB]</p> <p>2010 HRC LOA renewal application [pdf] [1.1 MB]</p> <p>HRC Final Rule [pdf] [1.1 MB]</p> <p>2009 LOA Issued [pdf] [1.2 MB]</p> <p>LOA Application Update #2 [pdf]</p> <p>LOA Application Update [pdf]</p> <p>LOA Application [pdf] [2.3 MB]</p> <p>Supplemental Information [pdf]</p>	<p>EIS [pdf] [165.5 MB]</p> <p>» EIS Executive Summary [pdf]</p> <p>» EIS Volume 1 [pdf] [9.9 MB]</p> <p>» EIS Volume 2 [pdf] [4.6 MB]</p> <p>» EIS Volume 3 [pdf] [85.9 MB]</p> <p>» EIS Volume 4 [pdf] [23.5 MB]</p> <p>» EIS Volume 5 [pdf] [41.8 MB]</p> <p>Mitigation EA [pdf]</p>	<p>2010 HRC-SOCAL Monitoring Report [pdf] [58 MB]</p> <p>2010 LOA Issued [pdf] [1.6 MB]</p> <p>2010 HRC-SOCAL Exercise Report [pdf] [1.5 MB]</p> <p>2009 HRC-SOCAL Exercise Report [pdf] [1.1 MB]</p> <p>2009 HRC Exercise Report addendum [pdf] [1.1 MB]</p> <p>2009 HRC-SOCAL Monitoring Report [pdf] [1.1 MB]</p> <p>2010 Integrated Comprehensive Management Program Plan [pdf] [2.2 MB]</p> <p>Biological Opinion for HRC Regulations [pdf] [2.7 MB]</p> <p>Biological Opinion for 2009 LOA [pdf] [2.4 MB]</p> <p>Final Monitoring Plan for HRC [pdf]</p> <p>Final HRC Stranding Response Plan [pdf]</p> <p>Navy RIMPAC 06 Monitoring Report [pdf]</p>
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