



DEPARTMENT OF THE NAVY
NAVAL UNDERSEA WARFARE CENTER DIVISION
610 DOWELL STREET
KEYPORT, WASHINGTON 98345-7610

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Mr. James H. Lecky
Director, Office of Protected Resources
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
SSMC3, Room 13821
1315 East-West Highway
Silver Spring, MD 20910-3282

Dear Mr. Lecky:

The Navy is formally submitting to National Marine Fisheries Service (NMFS) the 2011 Exercise Report for the Naval Sea Systems Command, Naval Undersea Warfare Center Keyport Range Complex. This report satisfies reporting requirements specified in the NMFS Final Rule of 12 Apr 2011.

If you have any questions regarding this report, the point of contact for is Ms. Shaari Unger at (360) 315-2258.

Sincerely,


S. E. IWANOWICZ

Enclosure: Annual Range Complex Exercise Report, Nov 2011

Prepared for and submitted to:
National Marine Fisheries Service
Office of Protected Resources
Prepared by:
Department of the Navy
In accordance with the Final Rule and Letter of Authorization
Under the MMPA .

Annual Range Complex Exercise Report

YEAR 1

11 April 2011 to 01 September 2011

**For The U.S. Navy's
Naval Sea Systems Command
Naval Undersea Warfare Center
Keyport Range Complex**

November 2011

UNCLASSIFIED



Enclosure (1)

YEAR 1 ANNUAL EXERCISE REPORT

INTRODUCTION

The U.S. Navy prepared this Year 1 Annual Range Complex Exercise Report covering the period from 11 April 2011 to 01 September 2011 in compliance with the National Marine Fisheries Service (NMFS) Final Rule (dated: 12 April 2011) and Letter of Authorization (dated: 17 May 2011) under the Marine Mammal Protection Act for the Naval Sea Systems Command Naval Undersea Warfare Center Keyport Range Complex (NUWC KRC).

SUMMARY

- (1) The following contains the total annual hours of each type of sonar source and number of activities conducted at the three specific NUWC KRC sites within the dates listed above:
 - (a) Keyport Range
 - (b) Dabob Bay Range Complex (DBRC)
 - (c) Quinault Underwater Tracking Range (QUTR)
- (2) Total annual hours of each type of sonar source:

Table 1. Keyport Range Site

Acoustic Sources	Keyport Range	Total Hours Allotted	% Hours Used	Description of LOA Active Sources
S1	0	80	0.0%	Sub-Bottom Profiler
S2	0	42	0.0%	UUV Payloads (Special Sonars)
S3	0	42	0.0%	Acoustic Modem
S4	0	42	0.0%	Side-Scan Sonar and UUV Payloads
S5	0	1.33	0.0%	Range Targets
S6	0	0.33	0.0%	Torpedoes (both Electric and Thermal Propulsion)
S7	0	0.33	0.0%	Torpedoes (both Electric and Thermal Propulsion)
S8	0	0.33	0.0%	Torpedoes (both Electric and Thermal Propulsion)

Table 2. DBRC

Acoustic Sources	Dabob Bay Hours	Total Hours Allotted	% Hours Used	Description of LOA Active Sources
S1	0	80	0.0%	Sub-Bottom Profiler
S2	0	100	0.0%	UUV Payloads (Special Sonars)
S3	2.514	100	2.5%	Acoustic Modem
S4	0	100	0.0%	Side-Scan Sonar and UUV Payloads
S5	0	6.67	0.0%	Range Targets
S6	0.07	5.83	1.2%	Torpedoes (both Electric and Thermal Propulsion)
S7	0.112	5.83	1.9%	Torpedoes (both Electric and Thermal Propulsion)
S8	0.014	5.83	0.2%	Torpedoes (both Electric and Thermal Propulsion)

Table 3. QUTR

Acoustic Sources	QUTR Hours	Total Hours Allotted	% Hours Used	Description of LOA Active Sources
S1	0	32	0.0%	Sub-Bottom Profiler
S2	0	24	0.0%	UUV Payloads (Special Sonars)
S3	0	24	0.0%	Acoustic Modem
S4	0	24	0.0%	Side-Scan Sonar and UUV Payloads
S5	0	1	0.0%	Range Targets
S6	0	0.83	0.0%	Torpedoes (both Electric and Thermal Propulsion)
S7	0	0.83	0.0%	Torpedoes (both Electric and Thermal Propulsion)
S8	0	0.83	0.0%	Torpedoes (both Electric and Thermal Propulsion)

(3) Total annual activities that occurred at each range site:

Table 4. Keyport Range Site

	Type of Activity	Keyport Activity	Total Activities Allowed	% Activities Used
Test Vehicle Propulsion	Test Vehicle (thermal)	0	5	0%
	Test Vehicle (electric / chemical)	0	55	0%
Other Testing Systems and Activities	Submarine Testing	0	0	na
	Inert mine detection, classification and localization	0	5	0%
	Non-Navy Testing	0	5	0%
	Acoustic & Non-acoustic (magnetic array, oxygen)	0	20	0%
	Countermeasure test	0	5	0%
	Impact Testing	0	0	na
	Static in-water test	0	10	0%
	UUV	4	45	9%
UAS	0	0	na	
Fleet Activities (excluding RDT&E)	Fleet surface ship	0	1	0%
	Fleet aircraft	0	0	na
	Fleet submarine	0	0	na
	Fleet diver	1	45	2%
Deployment Systems (RDT&E)	Surface launch craft	0	35	0%
	Special purpose barge	0	25	0%
	Fleet RDT&E vessel	0	15	0%
	RDT&E aircraft	0	0	na
	Shore and Pier	0	45	0%

Table 5. DBRC

	Type of Activity	DBRC Activity	Total Activities Allowed	% Activities Used
Test Vehicle Propulsion	Test Vehicle (thermal)	2	130	2%
	Test Vehicle (electric / chemical)	7	140	5%
Other Testing Systems and Activities	Submarine Testing	0	45	0%
	Inert mine detection, classification and localization	0	20	0%
	Non-Navy Testing	0	5	0%
	Acoustic & Non-acoustic (magnetic array, oxygen)	2	10	20%
	Countermeasure test	0	50	0%
	Impact Testing	0	10	0%
	Static in-water test	0	10	0%
	UUV	0	120	0%
UAS	0	2	0%	
Fleet Activities (excluding RDT&E)	Fleet surface ship	0	10	0%
	Fleet aircraft	0	10	0%
	Fleet submarine	3	30	10%
	Fleet diver	0	5	0%
Deployment Systems (RDT&E)	Surface launch craft	7	180	4%
	Special purpose barge	0	75	0%
	Fleet RDT&E vessel	0	20	0%
	RDT&E aircraft	0	10	0%
	Shore and Pier	2	30	7%

Table 6. QUTR

	Type of Activity	QUTR Activity	Total Activities Allowed	% Activities Used
Test Vehicle Propulsion	Test Vehicle (thermal)	0	30	0%
	Test Vehicle (electric / chemical)	0	30	0%
Other Testing Systems and Activities	Submarine Testing	0	15	0%
	Inert mine detection, classification and localization	0	10	0%
	Non-Navy Testing	0	5	0%
	Acoustic & Non-acoustic (magnetic array, oxygen)	0	5	0%
	Countermeasure test	0	5	0%
	Impact Testing	0	5	0%
	Static in-water test	0	6	0%
	UUV	0	40	0%
	UAS	0	2	0%
Fleet Activities (excluding RDT&E)	Fleet surface ship	0	10	0%
	Fleet aircraft	0	10	0%
	Fleet submarine	0	30	0%
	Fleet diver	0	15	0%
Deployment Systems (RDT&E)	Surface launch craft	0	20	0%
	Special purpose barge	0	20	0%
	Fleet RDT&E vessel	0	20	0%
	RDT&E aircraft	0	20	0%
	Shore and Pier	0	30	0%