

Please provide the following information, and submit to the NOAA DM Plan Repository.

### Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

## 1. General Description of Data to be Managed

### 1.1. Name of the Data, data collection Project, or data-producing Program:

AFSC/NMML/CCEP: Characterizing and quantifying California sea lion and Pacific harbor seal use of offshore oil and gas platforms in California, 2013-2015

### 1.2. Summary description of the data:

California sea lions (*Zalophus californianus*) and Pacific harbor seals (*Phoca vitulina*) use offshore oil and gas platforms as resting and foraging areas. Both species are protected by the Marine Mammal Protection Act (1972). The Bureau of Ocean Energy Management (BOEM) is required to collect information from platforms being used by California sea lions and harbor seals (or other pinniped species) with the goal of meeting environmental review and permitting requirements associated with the eventual decommissioning of offshore platforms. Decommissioning requirements are under the jurisdiction of BOEM's sister agency, the Bureau of Safety and Environmental Enforcement (BSEE). However, BOEM provides environmental studies and environmental review support for BSEE actions. To accomplish this goal, BOEM entered an inter-agency agreement with the National Marine Mammal Laboratories' California Current Ecosystem Program (CCEP; AFSC/NOAA) in 2012. Specifically, BOEM funded CCEP to conduct a study (from January 2012 to January 2015) to characterize and quantify California sea lion and Pacific harbor seal use of the platforms, including; abundance, seasonal use patterns, and age and sex class composition of animals on the platforms. Inter- (i.e. spatial) and intra- (i.e. temporal) platform comparisons were examined.

### 1.3. Is this a one-time data collection, or an ongoing series of measurements?

One-time data collection

### 1.4. Actual or planned temporal coverage of the data:

2013-01 to 2015-01

### 1.5. Actual or planned geographic coverage of the data:

W: -121, E: -118, N: 35, S: 33

Waters off southern California (San Pedro to Point Conception)

### 1.6. Type(s) of data:

(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)

Table (digital)

**1.7. Data collection method(s):**

*(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)*

**1.8. If data are from a NOAA Observing System of Record, indicate name of system:**

**1.8.1. If data are from another observing system, please specify:**

**2. Point of Contact for this Data Management Plan (author or maintainer)**

**2.1. Name:**

Tony Orr

**2.2. Title:**

Metadata Contact

**2.3. Affiliation or facility:**

**2.4. E-mail address:**

tony.orr@noaa.gov

**2.5. Phone number:**

**3. Responsible Party for Data Management**

*Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.*

**3.1. Name:**

Tony Orr

**3.2. Title:**

Data Steward

**4. Resources**

*Programs must identify resources within their own budget for managing the data they produce.*

**4.1. Have resources for management of these data been identified?**

No

**4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):**

0

## 5. Data Lineage and Quality

*NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.*

### 5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible

*(describe or provide URL of description):*

Lineage Statement:

Five of 23 oil and gas platforms in federal waters offshore San Pedro Bay, the Santa Barbara Channel, and in the Santa Maria Basin in the southern California Bight were selected as focal sites based on their geographical location and accessibility to animals. Time-lapse camera systems were deployed on those five platforms from January 2013 to January 2015. Photos were taken every 30 minutes over a 24-hour period. Images were uploaded from memory cards in the camera systems to a computer every 2-3 months. A subsample of images was randomly selected from six-hour blocks of time throughout the day, and during randomly selected days throughout each month. Individual pinnipeds were counted, and age- and sex-class were identified, when possible. Identifications and counts were used to characterize and quantify pinniped usage on the platforms.

**5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:**

### 5.2. Quality control procedures employed (describe or provide URL of description):

After counts on images were made, the images were re-examined to make sure all individuals were accounted for and age-class of individual was confirmed. Records in datasets were examined for duplicates or formatting errors.

## 6. Data Documentation

*The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.*

### 6.1. Does metadata comply with EDMC Data Documentation directive?

No

#### 6.1.1. If metadata are non-existent or non-compliant, please explain:

Missing/invalid information:

- 1.7. Data collection method(s)

### 6.2. Name of organization or facility providing metadata hosting:

NMFS Office of Science and Technology

#### 6.2.1. If service is needed for metadata hosting, please indicate:

**6.3. URL of metadata folder or data catalog, if known:**

<https://www.fisheries.noaa.gov/inport/item/26353>

**6.4. Process for producing and maintaining metadata**

*(describe or provide URL of description):*

Metadata produced and maintained in accordance with the NOAA Data Documentation Procedural Directive:

[https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC\\_PD-Data\\_Documentation\\_v1.pdf](https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC_PD-Data_Documentation_v1.pdf)

**7. Data Access**

*NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.*

**7.1. Do these data comply with the Data Access directive?**

No

**7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?**

No

**7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:**

There are no legal restrictions on access to the data. They reside in public domain and can be freely distributed.

**7.2. Name of organization of facility providing data access:**

NOAA National Centers for Environmental Information (NCEI)

**7.2.1. If data hosting service is needed, please indicate:**

Yes

**7.2.2. URL of data access service, if known:**

<https://accession.nodc.noaa.gov/0138984>

**7.3. Data access methods or services offered:**

The dataset is archived with the NOAA National Centers for Environmental Information.  
<http://accession.nodc.noaa.gov/0138984>

**7.4. Approximate delay between data collection and dissemination:**

Unknown

**7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:**

Data not automatically processed

## 8. Data Preservation and Protection

*The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.*

### 8.1. Actual or planned long-term data archive location:

*(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)*

NCEI\_MD

#### 8.1.1. If World Data Center or Other, specify:

#### 8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

### 8.2. Data storage facility prior to being sent to an archive facility (if any):

Alaska Fisheries Science Center - Seattle, WA

### 8.3. Approximate delay between data collection and submission to an archive facility:

Unknown

### 8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

*Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection*

IT Security and Contingency Plan for the system establishes procedures and applies to the functions, operations, and resources necessary to recover and restore data as hosted in the Western Regional Support Center in Seattle, Washington, following a disruption.

## 9. Additional Line Office or Staff Office Questions

*Line and Staff Offices may extend this template by inserting additional questions in this section.*