

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: Harbor seal demography in Washington; capture, tagging, branding data from 1981 to 2007

1.2. Summary description of the data:

The National Marine Mammal Laboratories' California Current Ecosystem Program (AFSC/NOAA) in collaboration with Washington Department of Fish and Wildlife captured and sampled Pacific harbor seals (*Phoca vitulina*) to study the demography of this species in Washington. This database provides capture, recapture, branding and resighting information for harbor seals in Washington from 1981 to 2007. Datasets include: Captures, Recapture, and Resight. Captures and Recapture information includes speno, date, age-class, age qualifier, sex, weight, length, health, tag number, brand number, location for all age classes and axial girth for pups and subadults. It also notes if samples were taken for disease screening (blood and swabs), contaminants (blubber), genetics (skin) and if animals were instrumented and with what type(s) of instrument. Resights information includes speno, date, tag, brand, reproductive information, location.

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:

1981 to 2007

1.5. Actual or planned geographic coverage of the data:

W: -125.2, E: -122, N: 49.2, S: 46

Western Washington State, coastal (Columbia River, Willapa Bay, Grays Harbor, Cape Elizabeth to Cape Flattery) and inland waters (Strait of Juan de Fuca, Georgia Basin, San Juan Islands, south Puget Sound, Hood Canal).

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:

Harriet Huber

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:

Capture methods were by beach seine or tangle net or 'run and grab;' methods are described in Jeffries et al. 1993. Branding in south Puget Sound took place between 1993 and 2011. Hot brands of 1 to 3 digits, using rolled stainless steel branding irons, were applied with even pressure for 3 to 4 seconds on both sides of subadult and adult animals that were physically restrained. Only pups greater than 20 kg were branded. After 2009, pups were branded on one side only. Harbor seal resights were made in south Puget Sound at Gertrude Island, Eagle Island, Woodard Bay, and Commencement Bay on land and from small boats using blinds, boats, and vehicles provided by Washington Department of Fish and Wildlife. Observations of tagged and branded harbor seals took place at least 3 days/week at Gertrude Island between 15 June and 15 September and at least 1 day/week 16 Sept to 1 November from 1994 to 2011. After 2011, resighting observations were more irregular.

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):

Capture and Recapture data are proofed for consistency and logic in the field and after collection. Resight data are run through a consistency program in the field that checks for misreads in brand numbers, flagging brands that do not exist, are dead animals, or have not been seen for more than two years.

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/17598>

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

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://data.nodc.noaa.gov/cgi-bin/iso?id=gov.noaa.nodc:0140930>

7.3. Data access methods or services offered:

The dataset is available for download via the NCEI Ocean Archive System at <http://accession.nodc.noaa.gov/0140930>.

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.