

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: Known human-caused marine mammal injury and mortalities from 2007 to present

1.2. Summary description of the data:

The National Marine Fisheries Service (NMFS) is required under the MMPA to estimate the annual human-caused mortality and serious injury of marine mammal stocks by source. Data from documented interactions between humans and Alaska pinnipeds and cetaceans under the jurisdiction of the NMFS are compiled in this data set and details regarding each human/marine mammal interaction are reviewed for evidence of human-caused injury or mortality. Criteria are applied in order to assign injuries to categories and determine the severity (serious or non-serious). Injury determination details regarding the injury source, type, and severity are included, along with the injury category and criteria supporting the determination. Mortality and injury values are assigned (0, 1, or prorated) to each event for comparison with the calculated Potential Biological Removal levels for each stock.

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:

2007 to 2014

1.5. Actual or planned geographic coverage of the data:

W: 160, E: -120, N: 75, S: 35

North Pacific Ocean, Gulf of Alaska, Bering Sea, Beaufort Sea, Chukchi Sea

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:

Metadata Coordinators MC

2.2. Title:

Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:

afsc.metadata@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:

Van Helker

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"):

Unknown

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):

Process Steps:

- NA
- NA
- NA

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):**

Human-marine mammal interaction records provided by multiple sources from 2007 to present are initially reviewed for evidence of human-caused injury or mortality to the marine mammal(s) involved in the interaction. Multiple records documenting a single human-related injury or mortality are identified, when possible, and the relevant information from each source is consolidated into a single record. Follow-up information for a previously documented event, from additional sightings of an injured animal or reports from carefully coordinated intervention attempts (e.g., disentanglement teams) of an injured animal, is added to the existing record. A separate record is added for any calves or pups of injured animals, and the offspring are assessed as unique, but associated, events. Of those records initially reviewed, records which are deemed to potentially document a human-caused injury or mortality to the marine mammal are added to this data set. Data are acquired primarily from databases and archives maintained by NMFS Alaska Regional Office, the Northwest Regional Office, the Alaska Fisheries Science Center, The Northwest Fisheries Science Center and the Alaska Department of Fish and Game (ADFG). Data are entered and compiled into a single Microsoft Access database for review. All available documentation (e.g., written and verbal reports, images, resight information) are considered to assess human interactions, make injury determinations, and attribute injuries and mortalities to a source.

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)

- 7.2.1. If data hosting service is needed, please indicate

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/26375>

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?

Yes

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

For scientific, management, and regulation compliance purposes, all data collected by observers are confidential under the Magnuson-Stevens Fishery Conservation and Management Act; as amended, Public Law 109-479; 16 U.S.C. 1853; implemented at 50 CFR 679.50. Therefore unprocessed (raw) data can be shared only with authorized persons; however aggregated forms of the data are generally available.

7.2. Name of organization of facility providing data access:

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

7.2.2. URL of data access service, if known:

7.3. Data access methods or services offered:

Data is confidential and so not accessible.

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:**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)

NO_ARCHIVING_INTENDED

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):**

National Marine Mammal Laboratory - 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.