

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:

West Coast Marine Mammal Stranding Network_Dead

1.2. Summary description of the data:

The Marine Mammal Protection Act formalized a program to provide response to reports of strandings of marine mammals and unusual mortality events. This was done by creating a network of parties from different locations that would be responsible for responding to stranding events within their zone. Most stranding zones in California are defined by county boundaries. Some zones include only one or two counties, but California's largest zone covers 8 coastal counties and includes another 10 where the San Francisco Bay and Sacramento - San Joaquin River Delta reach inland. Los Angeles county has its coastline divided into two stranding zones, and one of those two zones also has multiple (2) organizations responsible for strandings within it. Stranding reporting areas of the coast of Oregon and Washington and Puget Sound are based upon the authorizations for each facility in their Stranding Agreement (SA) - each SA lists a primary response area granted to the organization, and these lines correspond to that. These zones are often divided more by geographical considerations than by political boundaries, such as island groups or cross-water zones. One zone is the responsibility of two different organizations because each has a different specialty. The Cascade Research Collective is responsible for Cetacean strandings in that area and Washington Department of Fish and Wildlife Marine Mammal Investigations is responsible for pinniped strandings in the same area. A stranding is: • a dead marine mammal on the beach or in the water; • a marine mammal that is alive on the shore and unable to return to the water under its own power; • a marine mammal that is alive on the shore and, although able to return to the water, is in need of apparent medical attention; • a marine mammal in the water and cannot return to its natural habitat under its own power or without assistance. In most stranding cases, the cause of the stranding is unknown, but some identified causes have included disease, parasite infestation, harmful algal blooms, injuries from ship strikes or fishery entanglements, pollution exposure, trauma, and starvation. While most stranded animals are found dead, some strand alive. In a limited number of cases it's possible to transport them to regional rehabilitation centers for care. In rare cases, successfully rehabilitated animals are returned to the wild. With the

passage of the Endangered Species Act, in 1973 and the Marine Turtle Conservation Act of 2004, protection of sea turtle species, most of which are endangered or threatened, has resulted in them being added to the list of species which stranding organizations are responsible for.

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

Ongoing series of measurements

1.4. Actual or planned temporal coverage of the data:

2024 to Present

1.5. Actual or planned geographic coverage of the data:

W: -125.681944, E: -117.095, N: 49, S: 32.534444

1.6. Type(s) of data:

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

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:

Robert Markle

2.2. Title:

Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:

robert.markle@noaa.gov

2.5. Phone number:

503-230-5419

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:

Robert Markle

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

- Compared and updated (where needed) partner organizations with updated documents

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):****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:

- 1.6. Type(s) of data
- 1.7. Data collection method(s)

- 4.1. Have resources for management of these data been identified?
- 4.2. Approximate percentage of the budget for these data devoted to data management
- 5.2. Quality control procedures employed
- 7.1. Do these data comply with the Data Access directive?
 - 7.1.1. If data are not available or has limitations, has a Waiver been filed?
 - 7.1.2. If there are limitations to data access, describe how data are protected
- 7.3. Data access methods or services offered
- 7.4. Approximate delay between data collection and dissemination
- 8.1. Actual or planned long-term data archive location
- 8.2. Data storage facility prior to being sent to an archive facility
- 8.3. Approximate delay between data collection and submission to an archive facility
- 8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

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/72552>

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?

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?

7.1.2. If there are limitations to public data access, describe how data are protected

from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:

West Coast Regional Office (WCRO)

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

7.2.2. URL of data access service, if known:

https://services2.arcgis.com/C8EMgrsFcRFL6LrL/arcgis/rest/services/West_Coast_Marine_Mammal_S

7.3. Data access methods or services offered:

7.4. Approximate delay between data collection and dissemination:

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)

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):

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

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

9. Additional Line Office or Staff Office Questions

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