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:

EOP CRITTERCAM Deployments on French Frigate Shoals monk seals

1.2. Summary description of the data:

CRITTERCAMs, were deployed on a 42 monk seals at French Frigate Shoals Hawaii. Sixty nine hours of video comprised of 3192 recording segments collected at standardized intervals. Dive depths of the seal were digitally logged every 10 seconds throughout the camera deployment. The video cameras were programmed to record images and sound for 6 min each daylight hour (1.5 min were recorded every 15 min or 3 min every 30 min). Assuming the seals remained at sea continuously the tape recorded a fixed sampling of their activities for the duration of the tape cartridge. A conductivity and depth switch (<1 m) was used to stop sampling when the seal was on the beach or at the surface resting to maximize collection of images of the seals foraging on the bottom. Five seals were fitted with night vision CRITTERCAMs and the sampling was limited to evening hours only. The night vision systems were able to ?see? the bottom area extending 3 meters in front of the seal. Most of the deployments were made on adult males but 9 deployments were made on juveniles including males and females.

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:

1995-10-25 to 2002-08-16

1.5. Actual or planned geographic coverage of the data:

W: -167.5, E: -165.5, N: 24.66666666667, S: 23.33333333333
Central Pacific, Northwestern Hawaiian Islands, French Frigate Shoals

1.6. Type(s) of data:

(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Video (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.)
Instrument: Crittercam
Platform: Hawaiian monk seal
Physical Collection / Fishing Gear: National Geographic "Crittercam" Hi8 tape recording system

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:
Frank A Parrish

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:
frank.parrish@noaa.gov

2.5. Phone number:
(808)725-5701

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:
Frank A Parrish

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"):
Data was collected 1995-2002 with no data management funds

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:
Video segments collected by duty cycle were viewed and scored, and when available, were compared with depth and time data loggers. From the video the Hawaiian monk seal's activity was recorded, prey and competitors identified, general location and habitat noted.

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):

Video was reviewed and scored with checks made by comparing the video images to the digital data files, the environment seen in the video, and VHF tag surveillance conducted across French Frigate Shoals.

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?

Yes

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

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/5636

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:

Use of images has to be cleared with National Geographic Missions Program

7.2. Name of organization of facility providing data access:

Pacific Islands Fisheries Science Center (PIFSC)

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:

Contact Frank Parrish (frank.parrish@noaa.gov)

7.4. Approximate delay between data collection and dissemination:

Legacy data set

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

Not a continuous data set so it ends in 2002. Predates PARR.

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)

TO_BE_DETERMINED

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):

Pacific Islands Fisheries Science Center - Honolulu, HI

1845 Wasp Boulevard, Building 176

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

Data were archived in March 2006 when the project was complete - 3 years after collection

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

Data on file in the Center's data storage library

PIFSC ITS performs scheduled back-ups

9. Additional Line Office or Staff Office Questions

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