

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:

Compliance in Western Pacific Fisheries

1.2. Summary description of the data:

This inport record serves as a repository for two PIFSC Human Dimensions projects that examined the role of compliance in Western Pacific Fisheries. The first project examined the 'seascape' of compliance or the scope of compliance issues in the Western Pacific Region. For this project, we conducted 29 unstructured interviews with compliance experts across the region and conducted a detailed literature review on scientific studies published on compliance in this geography. The second project used qualitative research methods (38 unstructured interviews with Hawaii longline captains, owner-operators, and crew) to better understand the role that Hawaii longline fishers play in further reducing protected species bycatch in the Hawaii longline fishery.

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:

2017 to 2019, 2019-07 to 2019-12

1.5. Actual or planned geographic coverage of the data:

U.S. Pacific Islands Region

U.S. Pacific Islands Region

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:**

Adam L Ayers

2.2. Title:

Metadata Contact

2.3. Affiliation or facility:**2.4. E-mail address:**

adam.ayers@noaa.gov

2.5. Phone number:

(808)725-5347

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:

Adam L Ayers

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?

Yes

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):

Lineage Statement:

Authors analyzed detailed interview notes based upon a grounded theory approach, noting themes associated with interview responses.

Process Steps:

- We employed a qualitative research approach and primarily used unstructured, open-ended interviews to gather data. To identify fishers for interviews, we employed a non-probabilistic sampling approach, which combined two different sampling methods: intercept sampling and snowball or network sampling (Citation: Stories of Conservation Success: Results of Interviews with Hawai'i Longliners)
- All 38 interviews were conducted in person between August and December 2019, with fishermen at Pier 38 and Pier 17 in Honolulu, Hawai'i. We interviewed 30 captains or owner-operators and 8 crewmembers (including 2 American crew and 6 foreign crew: 3 Indonesian, 2 Filipino, and 1 Vietnamese). Interviewees included vessels that targeted bigeye tuna via deep-set gear, swordfish via shallow-set gear, and some that switched between both gear types. (Citation: Stories of Conservation Success: Results of Interviews with Hawai'i Longliners)
- Data provided in this report were documented via detailed handwritten interview notes in interviewees' primary languages, translated if necessary, then digitized. Data were then coded or binned into thematic areas (Miles and Huberman 1994) using a grounded theory approach (Corbin and Strauss 2008). All data are reported anonymously and no personally identifiable information is included in this report. (Citation: Stories of Conservation Success: Results of Interviews with Hawai'i Longliners)

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):**

Both authors reviewed interview data and analysis. Both authors conducted interviews and took separate interview notes in many instances.

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

- 7.4. Approximate delay between data collection and dissemination
- 8.1. Actual or planned long-term data archive location
- 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/53411>

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?

Yes

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:

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:

for inquiries into data contact Data Steward

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):**

Pacific Islands Fisheries Science Center - Honolulu, HI

Ecosystem Sciences Division, Social-Ecological and Economic Systems Program

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.