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:
Operation-Level Observer Data from the High-Seas Driftnet Fisheries of Japan, Korea and Taiwan in the North Pacific Ocean, 1990-1991

1.2. Summary description of the data:
In the U.S., driftnet observer data were managed and archived by the Alaska Fisheries Science Center and disseminated to NMFS driftnet program scientists in the AKFSC and the Southwest Fisheries Science Center. Using the combined edited data from all 1990-1991 observer deployments on the squid and large-mesh vessels, Marian Yong of the SWFSC Honolulu Laboratory produced a text file of operation-level, species-specific summary statistics. For each observed operation, separate records of details were created for each species taken during the operation within each observed combination of retrieval type and net depth. In most operations there was just a single category - ordinary retrieval of gear set at the sea surface. All records included a set of header fields including information on vessel ID, flag state, observer nationality, date and location of gear deployment, environmental characteristics, and more. For fish and squid species, each record included additional fields of summary statistics pertaining to the totality of sections monitored: number of sections, mean mesh size, number of standardized (50-m) tans deployed, number of animals decked, number of dropouts, and number of animals of unknown status (this was always empty for squid and fish, as explained below). Other fields contained the same set of aggregate statistics for sections which were monitored for dropouts. In the case of mammals, birds and turtles, some of the fields just described for fish and squid were overloaded with different data pertinent to protected species. The field for decked animals represented the number of animals that were decked and discarded dead, the field for dropouts contained the number of decked animals released alive, and the field for unknown status referred to the number of animals released in unknown condition.

In addition to the species-specific records detailing primary monitoring information, data for each operation included a single "Null Species - Operation Marker" record. This was designated by species code 999 and included all the operation-level header data and operation-level summary statistics for average mesh size, total number of sections monitored, and total standardized tans deployed. These statistics were detailed for all

the sections monitored and for the subset of sections where dropouts were assessed.

The Augmented Data

The original text files of observation-level data were prepared in 1992 (dn90obs, dn91obs, and a combined file DNALLOBS). They have been circulated and used in a few subsequent analyses and published papers. However, they have remained largely unavailable and undocumented. The purpose of this project was to create and describe an enhanced version of the original file of combined operation-level data that is easier to use for data analysis and visualization. The enhanced version includes several new fields. To augment the 'species code' field in the original file, new hierarchical taxonomic fields were added to provide species common name, scientific name, group and category. In addition, a new 'date' field was added based on the original fields of operation day, month and year. Finally, new decimal fields of operation 'latitude' and 'longitude' were added.

The new data set is provided in an accompanying Excel file: Driftnet Observer Data_12Aug24.xls

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:
1990 to 1991

1.5. Actual or planned geographic coverage of the data:
North Pacific Ocean

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:
Brent M Miyamoto

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:
brent.miyamoto@noaa.gov

2.5. Phone number:
808-725-5340

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:
Brent M Miyamoto

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):

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:
      - 1.7. Data collection method(s)
      - 5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible
      - 5.2. Quality control procedures employed

    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/73288

    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:
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:
Send written request to PIFSC and requires approval by the PIFSC data owner.

7.4. Approximate delay between data collection and dissemination:
One year

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)
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

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
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.