*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:

Fisheries Online Information System - Survey of pelagic and demersal habitats within the northern California Current

### 1.2. Summary description of the data:

The Northwest Fisheries Science Center (NWFSC) conducts a comprehensive groundfish bottom trawl survey encompassing the U.S. West Coast between the borders with Canada and Mexico (Keller et al. 2008) and water depths of 50 to 1280 meters. This survey was not designed to quantitatively sample the young-of-the-year (YOY) life history stage. Since 1996, the Zooplankton Program at the NWFSC has conducted biweekly hydrography and plankton cruises along the Newport Hydrographic line (NH-Line) across the central Oregon shelf (44.67N) (e.g., Peterson and Keister 2003, Peterson 2009). On each cruise, hydrographic measurements and zooplankton samples are collected at stations ranging from 1 to 25 miles from shore. These zooplankton cruises build on and complement a broad range of historic and ongoing oceanographic sampling focused on the NH-Line. For FY11, the NWFSC received Cooperative Research funding to conduct a seasonal fishing vessel-based survey of young-of-the-year (YOY) groundfishes along the NH-Line synoptically with the Zooplankton Labs plankton/ physical oceanography sampling program. The YOY groundfish, ichthyoplnakton and zoopplankton work are, in part, operating as a cooperative survey of pelagic and demersal habitats within the northern California Current,.

The database stores data from ongoing field collections made by the OSU Fisheries Oceanography Research Team in collaboration with NOAA Fisheries. Field activities include plankton tows, benthic beam trawls, water column hydrographic profiles, and in-situ video observations of fish behavior.

### 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:

2011-11-01 to Present, 2011-11-01 to Present

### 1.5. Actual or planned geographic coverage of the data:

W: -122.3062, E: -122.3062, N: 47.6449, S: 47.6449
Newport Hydrographic Line: Central Oregon coast

W: -124.0472, E: -124.0472, N: 44.6229, S: 44.6229
NOAA Fisheries NWFSC Newport Field Station

**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.)*
Instrument: SONAR
Platform: Water based Platforms
Physical Collection / Fishing Gear: Animal and Plant Collection Device - Plankton Collection Device

**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:**
Northwest Fisheries Science Center (NWFSC)

**2.2. Title:**
Metadata Contact

**2.3. Affiliation or facility:**
Northwest Fisheries Science Center (NWFSC)

**2.4. E-mail address:**
nmfs.nwfsc.metadata@noaa.gov

**2.5. Phone number:**
206-860-3200

## 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:**
W W Wakefield

**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"):**

0

**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:

Unknown. The data processing was conducted by Oregon State University.

**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):**

Unknown. The data processing was conducted by Oregon State University.

**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/18424

**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:**

Database login currently required.

**7.2. Name of organization of facility providing data access:**

Northwest Fisheries Science Center (NWFSC)

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

No

**7.2.2. URL of data access service, if known:**

**7.3. Data access methods or services offered:**

At this time, contact the Data Manager for information on obtaining access to this data set. In the near future, the NWFSC will strive to provide all non-sensitive data resources as a web service in order to meet the NOAA Data Access Policy Directive (https://nosc.noaa.gov/EDMC/PD.DA.php).

**7.4. Approximate delay between data collection and dissemination:**

90

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

The time required to perform quality control.

## 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)*

NCEI_MD

#### 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):

Northwest Fisheries Science Center - Seattle, WA

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

365

### 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*

The Northwest Fisheries Science Center facilitates backup and recovery of all data and IT components which are managed by IT Operations through the capture of static (point-in-time) backup data to physical media. Once data is captured to physical media (every 1-3 days), a duplicate is made and routinely (weekly) transported to an offsite archive facility where it is maintained throughout the data's applicable life-cycle.

## 9. Additional Line Office or Staff Office Questions

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