*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:

AKRO/SF: Catch Accounting System (CAS)

### 1.2. Summary description of the data:

The Catch Accounting System (CAS) creates total catch estimates for the groundfish fisheries in the Bering Sea/Aleutian Islands and Gulf of Alaska. Each year, quotas are established in the CAS that match the annual harvest specification tables for federally managed groundfish fisheries off Alaska. The output of the CAS is the total amount of groundfish that is retained and the amount that is discarded at sea. In addition, the system creates estimates of the total amount of non-groundfish species -- both prohibited species and non-target species -- that are caught in the groundfish fisheries. Prohibited species catch (PSC) consists of salmon, halibut, and several species of crab. All the PSC species have economic value in non-groundfish fisheries and therefore cannot be retained in the groundfish fisheries. Non-target catch are species like coral, sponges, etc., and catch of these species needs to be calculated in order to evaluate the impact of the groundfish fisheries on the ecosystem.

The CAS uses a combination of industry reports and onboard observer information to provide an estimate of total catch and bycatch. Industry reported data consists of catch ( landing reports) and processed product amounts (production reports), and these reports are electronically recorded and submitted to NMFS via eLandings. The observer data are collected by the Alaska Fisheries Science Center (AFSC) using a stratified sampling design. Other sources of information come from the Alaska Commercial Fisheries Entry Commission (CFEC), which issues permits and vessel licenses, and Vessel Monitoring Systems (VMS), which collect the position, time at a position, and course and speed of fishing vessels.

### 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:

2003 to Present, 2008 to Present, 2013 to Present

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

W: -180, E: -130, N: 72, S: 50
Alaska, North Pacific, Bering Sea/Aleutian Islands, BSAI, Gulf of Alaska, GOA

**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: Not Applicable
Platform: Not Applicable
Physical Collection / Fishing Gear: Not Applicable

**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:**
Cathy Tide

**2.2. Title:**
Metadata Contact

**2.3. Affiliation or facility:**

**2.4. E-mail address:**
cathy.tide@noaa.gov

**2.5. Phone number:**

## 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:**
Jennifer Mondragon

**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"):**

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:

The CAS uses a combination of industry reports and onboard observer information to provide an estimate of total catch and bycatch. Industry reported data consists of catch ( landing reports) and processed product amounts (production reports), and these reports are electronically recorded and submitted to NMFS via the Interagency Electronic Reporting System (IERS). Landing report and production report data are either uploaded from the eLandings repository database or the files from email attachments are uploaded into the NMFS Alaska Region database. Observer data are collected by the Alaska Fisheries Science Center (AFSC) using a stratified sampling design. Data are extracted from the AFSC observer program database using the Observer Interface and imported into the Alaska Region database. Other sources of information come from the Alaska Commercial Fisheries Entry Commission (CFEC), which issues permits and vessel licenses, and Vessel Monitoring Systems (VMS), which collect the position, time at a position, and course and speed of fishing vessels.

**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):**

The source data for the Catch Accounting System undergo quality control measures when they are created and submitted to NMFS. Source data are validated against business rules when they are loaded into NMFS' Oracle working tables and transferred into final tables. Exceptions are flagged that do not meet business rule requirements.

## 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/21988

**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:**

The Catch Accounting System data are sensitive under the Magnuson-Stevens Fishery Conservation and Management Reauthorization Act (2007) and can only be shared with authorized persons or in summary format for public dissemination.

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

Alaska Regional Office (AKRO)

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

Yes

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

https://alaskafisheries.noaa.gov/fisheries-catch-landings?tid=286

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

Access to sensitive data shall only be granted to an individual that meets certain criteria. Access can only be granted to an individual if a signed and effective Confidentiality Agreement, Data Access Sharing Agreement, Memorandum of Understanding, Standard Statement of Nondisclosure, or similar agreement is in place. These signed agreements shall indicate that individuals have reviewed and understand the provisions in the manual governing the legal use of sensitive data. The signed agreements are maintained by the Alaska Regional Records office. The name of each individual that has signed a statement of nondisclosure for using sensitive data will be added to the Alaska Region list of authorized confidential data users.

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

7 days

**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)*

OTHER

**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):**

Alaska Regional Office - Juneau, AK

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

35 days

**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*

IT Security and Contingency Plan for the system establishes procedures and applies to

the functions, operations, and resources necessary to recover and restore data as hosted in the Alaska Region in Juneau, Alaska, following a disruption.

**9. Additional Line Office or Staff Office Questions**

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