

*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:**

Fishery-Independent Turtle Excluder Device Catch Assessment Data: Skimmer Trawl Fishery

### **1.2. Summary description of the data:**

Skimmer trawls are utilized throughout the southeastern United States to target penaeid shrimp (Penaeidae). Because the codends of these trawls can be readily retrieved, skimmer trawls are allowed to utilize restricted tow times (55 and 75 minute, seasonally) in lieu of Turtle Excluder Device (TED) requirements as a sea turtle bycatch mitigation measure. However, observations aboard commercial vessels indicate that tow times are often exceeded. In 2013, the Southeast Fisheries Science Center Mississippi Laboratories began independent skimmer trawl TED testing aboard the NOAA vessel, RV Caretta. Testing was conducted from 2013 to 2015 on traditional commercial fishing grounds located in the internal coastal waters of Mississippi and Louisiana. The experimental design consisted of paired comparisons designed to examine shrimp catch retention and bycatch. A TED was installed in one net (treatment), while the other was left naked with no TED installed (control). The TED was switched between port and starboard nets daily to remove potential vessel side bias. Data consists of tow level data for each net (treatment vs control) for five major catch categories; shrimp, finfish, non-shrimp crustaceans, other invertebrates, and debris. Start and end locations, times, and depths were recorded for each tow along with vessel identifier, date, tow speed, TED configuration, and location of the TED (port vs starboard). Data were used to determine TED efficiency with regard to shrimp catch and bycatch reduction.

### **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:**

2013 to Present

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

W: -89.5, E: -88.3, N: 30.3333333333, S: 29.45

### **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:**

Jeff Gearhart

**2.2. Title:**

Metadata Contact

**2.3. Affiliation or facility:**

**2.4. E-mail address:**

jeff.gearhart@noaa.gov

**2.5. Phone number:**

228-549-1764

**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:**

Jeff Gearhart

**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"):**

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:

Trawl catch is sorted to shrimp, finfish, non-shrimp crustaceans, other invertebrates, and debris. Shrimp and selected finfish are identified to species. Catch and length frequency data are recorded onto datasheets. Datasheets were checked in the field after sampling and data were checked after data entry. The principal investigators review the data for content to ensure the relevance/accuracy of data collected.

**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):

After collection, data is reviewed for accuracy and completeness by the principal investigator.

## 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)

### 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/29495>

### 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](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:

Yes

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

<https://www.fisheries.noaa.gov/inport/item/29495>

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

Contact the individual identified as the distributor for this data set. Please include the title of the data set and the name of the data steward when requesting a copy of this data.

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

30 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)*

NCEI\_MS

**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):**

Mississippi Laboratory - Pascagoula, MS

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

365 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*

Data resides on Networked Attached Storage (NAS) environment. Security patches/updates are immediately applied to the host environment. Data is stripped/mirrored using RAID 50 technology to protect data from disk failure. Nightly backups are preformed and files are written to magnetic tape and stored in an onsite / offsite location.

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

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