

## **Introduction to the West Coast Groundfish Observer Program**

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## Introduction

The West Coast Groundfish Observer Program's (WCGOP) goal is to collect discard information that can be used to assess the total mortality of a variety of groundfish species. There are a number of components that must be in place to achieve this goal, which are discussed in this chapter.

## WCGOP Management Structure

The WCGOP is a cooperative effort between NOAA Fisheries and Pacific States Marine Fisheries Commission (PSMFC).

NOAA Fisheries and PSMFC work together under this cooperative agreement to manage observer resources. Examples of shared responsibilities include program oversight, vessel selection, data quality assurance and program outreach.



### NOAA Fisheries

NOAA Fisheries (also known as National Marine Fisheries Service, NMFS), an agency within

the Department of Commerce, is dedicated to the stewardship of living marine resources through science-based conservation and management, and the promotion of healthy ecosystems (See Figure 2-1).

As a steward, NOAA Fisheries conserves, protects, and manages living marine resources in a way that ensures their continuation as functioning components of

marine ecosystems, affords economic opportunities, and enhances the quality of life for the American public.

To gauge the effect fisheries have on ecosystem NOAA Fisheries deploys observers to monitor protected species (marine mammals, sea turtles, seabirds) and/or fish and invertebrate bycatch.

NOAA Fisheries responsibilities for the WCGOP include designing and implementing the sampling plan (logistical component to ensure random sampling of the fleet), designing and implementing data collection protocols, ensuring data quality, data storage and management, and data analysis and release. NOAA Fisheries staff includes a team supervisor, data analysts, a field coordinator, and debriefers.

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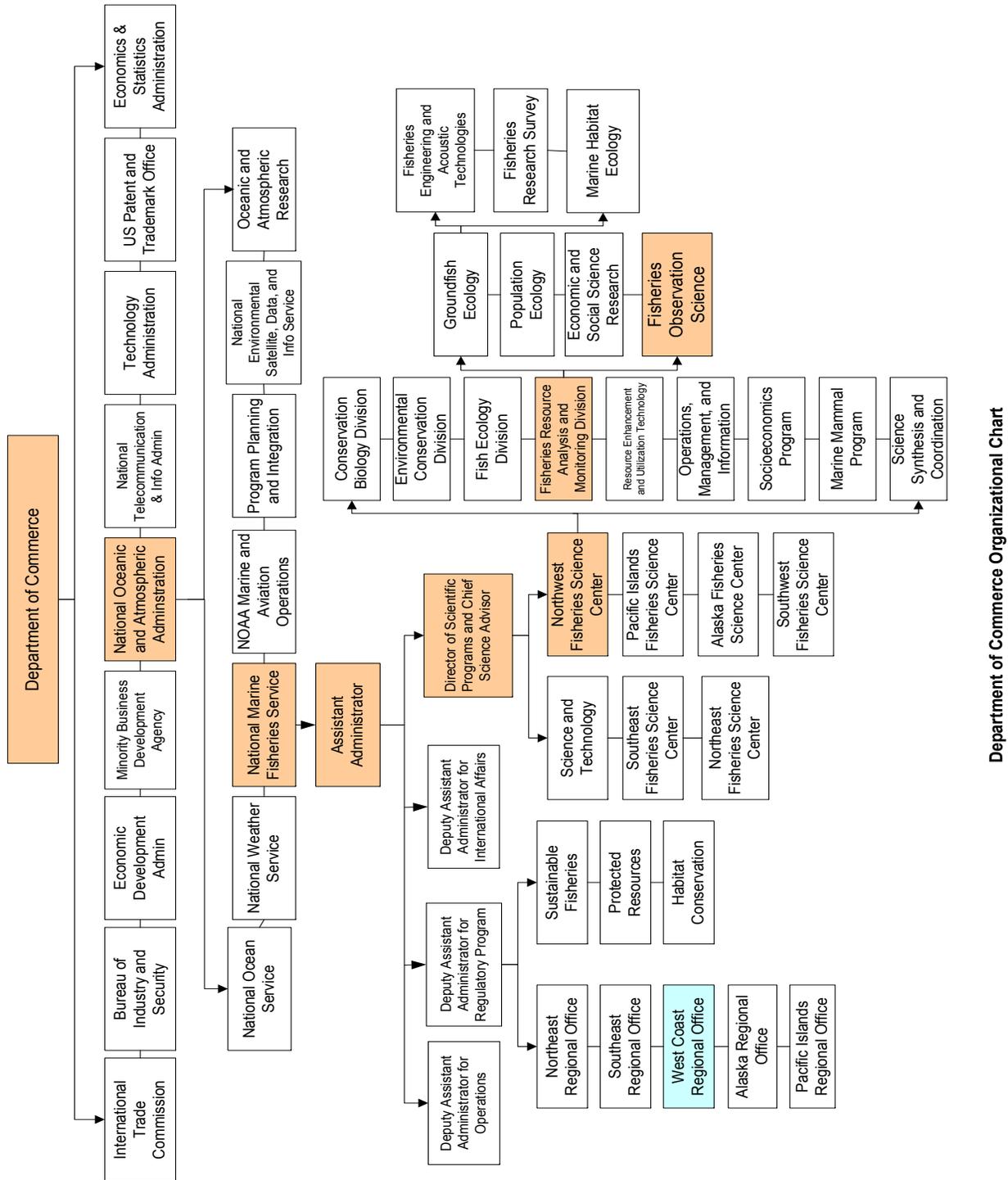


Figure 2-1: Department of Commerce Organization Chart



## PSMFC

Authorized by Congress in 1947, the PSMFC is one of three interstate commissions dedicated to resolving fishery issues. Representing California,

Oregon, Washington, Idaho, and Alaska, PSMFC does not have regulatory or management authority; rather it serves as a forum for discussion and works for coast wide consensus among state and federal authorities. The PSMFC addresses issues that fall outside state or regional management council jurisdiction.

The PSMFC's goal is to promote and support policies and actions directed at the conservation, development and management of fishery resources of mutual concern to member states through a coordinated regional approach to research, monitoring and utilization.

PSMFC's responsibilities for WCGOP include procuring services of unbiased, neutral observers, supplying observer sampling and safety gear, ensuring data quality, coordinating observer activities and training observers. PSMFC staff includes a program manager, data analysts, program assistant, debriefers, and a half-time state coordinator in California.

<b>Program Manager</b>	Jim Benante Seattle, WA	<b>Debriefers</b>	Kate Guthrie Seattle, WA
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## Observer Providers

Observers providers recruit biologists year-round to work as domestic groundfish observers in Washington, California, and Oregon. By doing this, they help the government obtain the data necessary to achieve a sound management plan for the protection and benefit of future fisheries resources on the West Coast.

Observer providers manage the observers involved with the WCGOP for the Non Catch Share and Catch Share programs. They provides health insurance and additional insurance coverage while observers are at-sea or working shore-side. They are responsible for scheduling vacation and leave without pay. They are also responsible for travel arrangements between ports. The current observer providers for the Catch Share program are; AOI and Saltwater.

## Data Quality

With a functional management structure for WCGOP in place, the next component is ensuring observers maintain a professional and unbiased standing with the fishing communities, scientific communities, and non-governmental organizations (NGOs). This professional standard is a necessity as it speaks to the integrity of observer-collected data.

## NOAA Fisheries Approval for Observers

To become a NOAA Fisheries-approved observer for the WCGOP, training must be successfully completed. In order to maintain approval, observers must:

- Demonstrate proficiency during each trip.
- Receive satisfactory performance assessments and evaluations.

In addition to the above, observers must maintain a professional image by adhering to the WCGOP Standards of Conduct, keeping data confidential, and avoiding conflicts of interest. For more information on maintaining WCGOP Observer Status see Chapter 10, “Observer Life.”

## Standards of Conduct

WCGOP observers have an important image to maintain as professional scientists. Observers must avoid behaving in any manner that could adversely affect the public’s confidence in the integrity of the observer program, the data provided, or other observers. Since observers reside in the same small communities as their vessel crews, maintaining a business-like attitude both on and off the

vessel is very important. Expected behavior includes, but is not limited to, the following:

- Observers must maintain an unbiased and/or neutral approach to fisheries management issues while on the job and avoid declaring a pro-fishing or a pro-environmental stance.
- Observers must diligently perform their assigned duties.
- Observers must accurately record their sampling data, write complete reports, and report honestly any suspected violation of regulations relevant to the conservation of marine resources or their environment in a timely fashion.
- Observers must not disclose collected data, observations made on-board a vessel, or observations made in a processing facility to any person except the owner of the observed permit, an authorized enforcement agent or a WCGOP staff member.
- Observers must not engage in any illegal actions or any other activities that would reflect negatively on their image as professional scientists, on other observers, or on the WCGOP as a whole.

Any behavior contrary to these standards, or the intent of these standards, is grounds for disqualification. Falsification of data is grounds for immediate disqualification and may be a basis for prosecution.

## Conflict of Interest

Observers are required to maintain an unbiased role by limiting their financial interest in the fishery. Observers must abide by the following conflict of interest standards:

- Observers may not have a direct financial interest,

other than the provision of observer services, in a West Coast fishery. This includes, but is not limited to:

- Involvement in the catching or processing of products from the fishery either by vessels or shore-side facilities.
- Involvement in the selling of supplies or services to these vessels or shore-side facilities.
- Involvement in the purchasing of raw or processed products from these vessels or shore-side facilities.
- Observers may not solicit or accept, directly or indirectly, any gratuity, gift, favor, entertainment, loan, or anything of monetary value from anyone who conducts activities that are regulated by the NOAA Fisheries, or who has interests that may be substantially affected by the performance or non-performance of the observers' official duties. (Note that this standard restricts observers from accepting home-packed fish without purchase.)
- Observers may not serve as an observer on any vessel owned or operated by a person who previously employed the observer.
- Observers may not solicit or accept employment as a crew member or an employee of a vessel or shore-side processor in a West Coast Groundfish fishery while under contract with an observer contractor.

## Confidentiality

Observer data is confidential as per the MSA. This means that data collected by observers can only be shared with:

- WCGOP Staff (all data, including logbook)
- Designated NMFS Enforcement Agents (all data, including logbook). *Prior to sharing data with enforcement agents, contact your coordinator or*

*debriefers as the staff must maintain a record of what data is being released.*

- Permit owners. **Do not share observer logbook with permit owner, captain, and/or crew.**

Permit owners may ask for copies of the data collected aboard their vessel. Before sharing any data, contact a coordinator or debriefer. The program must maintain a record of what is being released and staff can also provide the permit owner the necessary background material to understand the data. Take note that the data can only be released to the **permit owner**. If the captain requests the data and he/she is not the permit owner, clearly state that the Program can only provide copies of the data to the permit owner. The captain will have to receive copies via the permit owner.

## WCGOP Observers

The final component to achieving WCGOP's goal is ensuring data quality. Observers are trained to collect data according to WCGOP protocols and data is checked after collection for accuracy. There are three phases to the data quality process:

- Training
- Data Collection
- Debriefing

### Training

A fifteen-day training course is required of all observers new to WCGOP. The course consists of an overview of sampling procedures, species identification, safety training, conflict resolution training, training in the

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**Magnuson-Stevens Fishery Conservation and Management Act (MSA):** is the principal law governing marine fisheries in the United States.

use of a web-based data-entry application and an offline database, small boat etiquette, and general support information. Trainees must pass a series of tests and homework assignments to demonstrate their understanding of:

- Observer priorities and duties.
- WCGOP methods of independent catch estimation.
- Proper recording of data.
- WCGOP methods of sampling and recording species composition data for both retained and discarded catch.
- Fish identification and use of dichotomous keys.
- Gender determination and measurement of fish.
- Procedures for collection of age structures.
- The web-based data entry application.
- Applications of volume, weight, density, and extrapolation calculations.
- Safety and survival skills.

In order to receive NOAA Fisheries-approval, trainees must attend and participate in every class, pass a fish exam and final exam, complete all homework assignments, and make any corrections requested. Trainees must pass a safety test and effectively participate in on-land, in-water, and on-board safety drills. Trainees must also demonstrate the use of vessel safety equipment. Additionally, trainees must be able to demonstrate that they have the attitude and ability required to perform a

difficult job independently and to act professionally in stressful situations.

### **Data Collection**

After successful completion of training, observers are deployed to their port groups and placed on selected vessels. While deployed, observers have constant access to WCGOP program staff. There are field stations in Seattle, Washington; Newport, Oregon; Hammond, Oregon; Crescent City, California; Eureka, California; and Morro Bay, California. Debriefers contact new observers after their first trip to discuss the vessel and sampling procedures.

If there are any problems, questions, or comments, call an observer coordinator or debriefer. The coordinators/debriefers' main purpose is to provide help and support to observers. Use this resource! A positive observer/coordinator/debriefer relationship during deployment will provide for an easy end-of-period debriefing and a quick resolution to problems encountered.

### **Debriefing**

Data is debriefed to ensure that all data are collected according to program protocols. Debriefers meet in person with observers for debriefings, either in their home port or at the debriefer's office.

The purposes of debriefing are to:

- Clearly describe all data collection methods utilized.
- Receive feedback on sampling methodology.
- Inform WCGOP staff of any problems encountered.

- Make all necessary corrections to data.
- Receive a written performance assessment and evaluation.

See Chapter 10, “Observer Life” for a detailed explanation of the debriefing process.