IDAHO • OREGON • ALASKA

PACIFIC STATES MARINE

FISHERIES COMMISSION

WASHINGTON • CALIFORNIA

# Pacific Coast Catch & Effort Database for California, Oregon & Washington
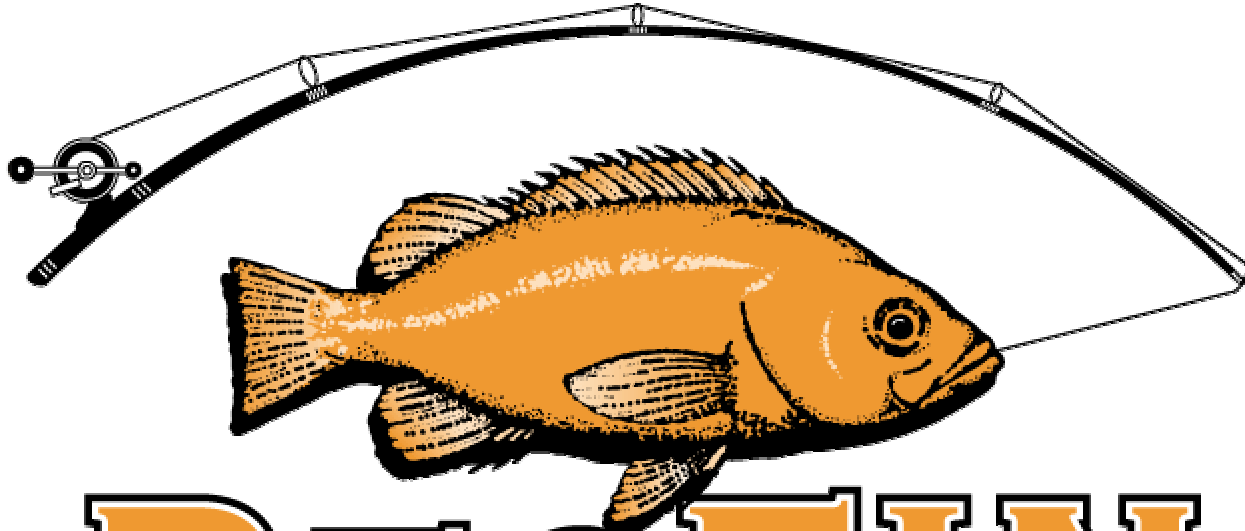
# RecFIN Organization

- **RecFIN Steering Committee**
  - [CA,OR, WA State Director Rep., PFMC, PSMFC, NMFS/NWR & NWFSC]

- **RecFin Technical Committee**
  - [CA,OR, WA, PSMFC, PFMC & NMFS Regions & Centers]

  - RecFIN Statistical Subcommittee
  - RecFIN Database Subcommittee
  - RecFIN Economic Subcommittee

# Sampling Private Boat Anglers at the dock.

# RecFIN Sampling Components

- **WASHINGTON**

- (OSP) Ocean <u>Sampling Program</u>

- Effort – Daily Exit counts of vessels at ocean ports.

- Creel – Boat interviews at completion of trips to tally catch by species, length, catch area and discards.

- Puget Sound Boat <u>Survey</u>

- Effort – Angler license frame phone survey.

- Creel – Boat interviews at completion of trip to tally catch by species, length, catch area and discards and license type.

# RecFIN Sampling Components

- **OREGON**

- Oregon Recreational Boat <u>Survey (ORBS)</u>

- **Effort** – Exit counts of boats at ocean ports

- **Creel** – Samples CPFV and Private boats at completion of trip for species, length & weight,

  catch area and discards.

- Shore & Estuary <u>Boat Survey (SEB)</u>

- **Effort** – Angler license frame phone survey.

- **Creel** – Samples anglers fishing from shore and inland boats for species, length & weight, catch area and discards.

# RecFIN Sampling Components

- **CALIFORNIA** – CRFS (California Recreational Fisheries Survey)

  - Primary Private Boats (PR1)
  - Secondary Private Boats (PR2)
  - Private Access Private Boats
  - CPFV –Commercial Passenger Fishing Vessels

  - Shore Anglers
  - Man-Made Structure Anglers

Salmon Sampling has a goal of seeing 20% of the catch for real time catch estimates and coded-wire tag recoveries for stock contributions to the fishery.

# CRFS
# Private/Rental Boat Sampling

- ## Primary Boats (PR1)
- [90% of Catch Occurs at these sites + management species of concern]

- **Effort –** Count all boats returning to the site for the day
- **Creel** – Sample all boats at the completion of trip. Anglers/boat and trip type
- Identify species caught, measure & weigh fish, area of catch, fish discarded

- ## Secondary Boats (PR2)
- [10% or less of catch. Sites sampled as clusters]

- **Effort –** Instantaneous counts of boat trailers while roving the cluster of sites.
- **Creel –** Sample individual anglers as boats return at completion of trip. Anglers/boat and trip type
- ID species , measure & weigh, area of catch and discards.

# CRFS
# Private/Rental Boat Sampling

- Private Access Boats

- **Effort –** Angler license phone survey to determine effort by boats departing from private marinas and private homes on the waterfront..

- **Creel –** Voluntary catch log from a panel of private access anglers/fishing clubs.  Validate with logs from public access boat ramps.

- Utilize catch rates and CPUE from similar targeted trips at adjacent public launch ramps.

- Continue to explore methods to properly estimate CPUE and species along with appropriate lengths and weights of the catch.

- Discards must also be determined.

# CRFS

CPFV – Commercial Passenger Fishing Vessels [Party/Charter boats]

- **Effort** – Weekly phone survey of 10% of all active vessel's skippers to profile trips for the week, trip type and anglers carried for fishing trips.

- **Creel –** Samplers ride boat and tally all fish caught and discarded, area of catch for each stop with catch at that stop (UPS unit), depth, discards, length of discards and sample of angler demographics.

# CRFS
## Shore & Man-Made Structures

- ## Beach/Bank Anglers

- **Effort –** Angler license phone survey
- **Creel –** Sample individual anglers at the fishing site at the completion of their trip. Roving sample of a cluster of sites.
- Identify catch, lengths and weights, discards, target species, angler demographics, and license type.

- ## Man-Made Structures

- **Effort –** Count of anglers on the pier etc. at arrival and tally of arrivals and departures during the day along with count at departure.
- **Creel –** Interview individual anglers at completion of their trip. Identify catch, lengths and weights, discards, angler demographics & license?

# RecFIN

**RECREATIONAL FISHERIES INFORMATION NETWORK**

**Pacific States Marine Recreational Fisheries Monitoring**

A project of the Pacific States Marine Fisheries Commission

**DATA** - Databases, queries, catch samples and estimates

**SURVEYS** - Marine angler surveys provide the data

**MEMBERS** - Agencies who collect the data

**OPERATIONS** - Data management area (password required)

**COMMITTEES** - People who cooridnate the data

**DETAILS** - More about RecFIN

Send questions or comments to: Wade H. Van Buskirk <wade@psmfc.org>

# Marine Recreational Fisheries Data Access

The [Marine Recreational Fisheries Statistical Survey](#) (MRFSS) is the base for our database.

- There are about 4,000 records in each year of catch estimates.
- There are about 60,000 fish in each year of sample data.

## Pacific Coast Data Queries

- [Summarize Marine Recreational Estimates](#) **NEW!** Added user defined species groups.

- [Download Estimate Files](#)

- [Summarize Marine Recreational Sample Data](#)

- [Download Sample Data Files](#)

- [Bag Frequency Analysis](#) **NEW!** Added user defined species groups.

- [Length Frequency Analysis](#)