

## PUGET SOUND SHRIMP POT LOG

This harvest log is prepared by the Department of Fish and Wildlife to conform to the requirements of Washington Administrative Code 220-340-030 requiring harvest logs to be maintained and returned to the Department of Fish and Wildlife.

THE INFORMATION GIVEN IN THIS LOG IS CONSIDERED PRIVILEGED AND WILL NOT BE USED TO DISCLOSE FISHING ACTIVITIES OF ANY INDIVIDUAL.

Use of this harvest log does not remove the responsibility to complete a State of Washington shellfish receiving ticket when the harvest is sold.

### INSTRUCTIONS

1. Catch data must be recorded on harvest logs immediately after each pot or string of pots is pulled.
2. Harvest logs must be signed, dated and returned to: Shrimp Manager, WDFW Port Townsend Office, 375 Hudson St., Port Townsend, WA 98368, at the end of each calendar month, to be received by the 10<sup>th</sup> of the following month unless required otherwise by emergency regulation. If you did not fish during the month, it is not necessary to submit a harvest log.
3. Write all information clearly and legibly in permanent ink.
4. For each string that is pulled fill in all the fields on the page with information detailed below. **Separate rows need to be filled in for every time that the string is pulled in.**

#### Header

##### ***Administrative Information***

*Vessel Operator:* The name of the person operating the vessel. This person should either be the primary operator or the alternate operator filed with WDFW commercial licensing when the license was renewed.

*License No.:* The five-digit limited entry Puget Sound Shrimp Pot License number issued by WDFW commercial licensing. Example **62XXX**.

*WDFW Vessel Reg. No.:* The WDFW Vessel Registration Number is a four or five-digit boat number assigned to you by the Department of Fish and Wildlife. This is NOT your U.S. Coast Guard number.

*Buoy Brand:* The unique buoy brand filed with the department that is unique to each commercial license.

*Month-Year:* the month and year that a logbook form is being used to record harvest information for.

##### ***Gear Details***

*Spot Pot Mesh Size (in):* the minimum mesh size, excluding the tunnels, of the pot mesh on spot shrimp gear.

*Non-Spot pot Mesh Size (in):* the minimum mesh size, excluding the tunnels, of the pot mesh on non-spot shrimp gear.

## Form Body

### ***Pull/String Details***

*Pull Date:* the date that gear was pulled or tended following a deployment.

*Ground Line Length (feet):* the total linear length (feet) of a string of pots. For example, a 5-pot string with 50 ft spacing would have a total ground line length of 200 ft (the number of shots of line between pots x the line length).

*Total Pots in String:* the total number of pots fished in each string.

*Number of Pots Dumped:* the number of pots from each string that are dumped without sorting or retaining catch. If only part of a string is fished due to a harvest limit being reached, record how many pots were dumped after the harvest limit was reached.

*Depth Fished (feet):* the depth (**feet**) that a string of pots is set in. If set across multiple depths report the average depth across the entire string.

*Soak Time (Hours):* the duration (**hours**), that a string has been baited and soaked to pulling the gear for harvest.

*Latitude (Degrees and Decimal Minutes):* The latitude of the string start position in DD MM.MMM format. Valid latitude degrees for Puget Sound are between 47 degrees and 49 degrees.

*Longitude (Degrees and Decimal Minutes):* The longitude of the string start position in DDD MM.MMM format. Valid longitude degrees for Puget Sound are between 122 degrees and 124 degrees.

*Shellfish Mgmt Area – MFSF Catch Area:* The shellfish management area and MFSF catch area that a string is located in. Examples 3–25A, 3–23AS, 1A–22A, 1A–20A, etc.

*Species Targeted:* the species that a string is set to target for harvest. Record either “Spot” OR “Non-Spot”. Note that spot shrimp may not be retained from non-spot gear and that both species may not be landed on the same day.

***Sorted Catch Estimate Details:*** Sorted catch is estimated on a per string basis. This section allows managers to estimate the relative composition of shrimp caught by area. It can be used to establish and refine quotas and is highly valuable for establishing long term trends in the relative abundance of shrimp species. **Only report estimates for pots that were sorted and not those that were rail-dumped.**

*Percent Abundance Spot Shrimp:* An estimate of the percentage of the all shrimp catch from pots that were sorted that was composed of spot shrimp. Percent abundance refers to the fraction of the total number of individuals not an estimate of weight.

*Percent Abundance Non-Spot Shrimp:* An estimate of the percentage of the all shrimp catch from pots that were sorted that was composed of Non-Spot Shrimp not including Pink Shrimp. Percent abundance refers to the fraction of the total number of individuals not an estimate of weight. Non-spot shrimp refers to species commonly referred to as Dock Shrimp (*P. danae*), Coonstripe Shrimp (*P. hypsinotus*), Humpy Shrimp (*P. goniurus*), and Side Stripe Shrimp (*P. dispar*).

*Percent Abundance Pink Shrimp:* The estimated percent, or fraction, of the total sorted weight of a string that was Pink Shrimp. Percent abundance refers to the fraction of the total number of individuals not an estimate of weight.

*Total Number of Rockfish Observed:* The total number of rockfish (adults and juvenile) observed, either live or dead, for each string pulled.

**Example (sorted catch estimate):** A string of 50 spot shrimp pots was hauled in. The harvester reached their catch limit of 400 lbs of spot shrimp within the first 40 pots. Only the first 40 pots were sorted and 10 were rail-dumped. Within the sorted pots there was approximately 80% of the total number of shrimp caught were spot shrimp, approximately 10% were coonstripe shrimp, approximately 5% were Dock shrimp, and approximately 5% were pink shrimp. The 10 pots that were rail-dumped are not included in these estimates.

**Retained Catch Estimate Details:** Retained catch is estimated on a per string basis. This information will be used to assign total landed catch for a trip proportionally across the strings that were pulled during a given trip.

*Retained Spot Shrimp (lbs):* The estimated pounds retained from a string that were Spot Shrimp\*. \*Since spot shrimp and non-spot shrimp cannot be retained together this value should always be 0% or 100%.

*Retained Coonstripe Shrimp (lbs):* The estimated pounds retained from a string that were Coonstripe Shrimp.

*Retained Dock Shrimp (lbs):* The estimated pounds retained from a string that were Dock Shrimp.

*Retained Pink Shrimp (lbs):* The estimated pounds retained from a string that were Pink Shrimp.

*Shellfish Receiving Ticket Number:* The Shellfish Receiving Ticket number that corresponds to the catch from each recorded string.

**Example (retained catch estimate):** A string of 40 non-spot shrimp pots was hauled in. All of the 40 pots were sorted. Within the pots sorted approximately 300 lbs were Coonstripe shrimp, approximately 100 lbs were Dock shrimp, and 0 lbs were Pink shrimp or Spot shrimp.

*Comments:* a field to record notes specific to a string such as uncommon bycatch, gear loss or fouling, or other descriptive information.

#### **Footer**

*Total Pots Lost:* the total number of pots lost and not recovered from across all strings recorded on a given logbook page.

*Signature:* the signature of the vessel operator.

