

**State of Washington
Dept. of Fish and Wildlife
invites applications for the position of:
SCIENTIFIC TECHNICIAN 3 *01505W**


careers.wa.gov
Working for Washington State

SALARY: \$3,041.00 - \$3,522.00 Monthly

OPENING DATE: 02/12/13

CLOSING DATE: 02/19/13 11:59 PM

DESCRIPTION:



Our Mission
To preserve, protect and perpetuate fish, wildlife and ecosystems while providing sustainable fish and wildlife recreational and commercial opportunities.

Vision
Conservation of Washington's fish and wildlife resources and ecosystems.

Additional Salary Information
The salary range reflects a 3% salary reduction for state employees over the 2011-13 biennium, which was passed by the Legislature effective July 1, 2011 through June 29, 2013.

MISSION:

To preserve, protect and perpetuate fish, wildlife and ecosystems while providing sustainable fish and wildlife recreational and commercial opportunities.

The marbled murrelet is a seabird listed under the Federal Endangered Species Act as a Threatened species in California, Oregon & Washington. The State of Washington recognizes the importance of saving this species and is invested to assist in this species recovery.

The marbled murrelet recovery plan, outlines recovery strategies including developing and evaluating standardized at-sea surveys. These surveys allow researchers and managers to model population trends and evaluate progress towards to recovery. Additionally, when developing the Northwest Forest Plan for managing federal forest lands, it was decided that at-sea murrelet population trends were to be used to assess the effectiveness of the plan.

This project is federally funded and research on marbled murrelets is necessary to address US Fish & Wildlife Services and Washington State Department of Fish & Wildlife research and management needs.

VISION

Conservation of Washington's fish and wildlife resources and ecosystems.

JOB CLASS

The Department of Fish and Wildlife is recruiting to fill one full time, non-permanent, Scientific Technician 3 position located in the Wildlife Program. The duty station for this position will be determined upon hire. Project duration is 6 May – 31 July 2013.

This position reports to the Biologist 3 responsible for the survey results. The technicians are part of a four member field crew working along the eastern Strait of Juan de Fuca and inland waters of Puget Sound including the San Juan Islands, conducting at sea surveys using line transect distance sampling for marbled murrelets specifically, in addition to all seabirds and marine mammals encountered.

DUTIES:

- Primary operator of the research boat during surveys along preprogrammed track lines in accordance with the Marbled Murrelet Effectiveness Monitoring survey.
- Collect detailed at-sea marbled murrelet distribution and abundance data. Use line transect distance sampling for all seabirds and marine mammals encountered and enter data into specialized software on a laptop computer during surveys in accordance with the Marbled Murrelet Effectiveness Monitoring survey protocols.
- Ensure safety of crewmembers at all times - evaluate marine weather conditions, enforce WDFW safety procedures, and ensure all safety equipment on board is up to code.
- Proficient use of marine electronics including GPS, depth finder, radar, VHF radio.
- Maintain WDFW equipment, including perform general maintenance and arrange repair (if necessary) of all equipment onboard boat (e.g. outboard motors, GPS, radar, boat trailer, truck)
- Secure safe moorage for research boat during the week and weekend.
- Communicate with USCG and harbor masters.
- Check in daily with supervisor.

QUALIFICATIONS:**Required Qualifications**

- Demonstrated safe operation of a small boat (24 feet) at times in adverse weather and sea conditions on the Washington outer coast and inland Puget Sound.
- Demonstrated proficient use of typical marine electronics (e.g. GPS, depth finder, radar, radio). Preference given to those applicants with a Motorboat operators certificate or USCG Master Captain License (or equivalent).
- Safely operate motor vehicle and boat/trailer in towing along highways.
- Safely maneuver boat/trailer and load and unload boat.
- Communicate professionally with co-workers and stakeholders.
- Identification of seabirds found in Washington in breeding and non-breeding plumages.
- Experience doing field work on a small boat in varying weather conditions.
- Work collaboratively as a team with excellent attention to detail and communicate clearly.
- Experience using line transect distance sampling.
- Proficient use of a personal computer.

Preferred Qualifications

- Graduation from high school or GED, including one year of high school science and two years of experience as a Scientific Technician 1

OR

- Graduation from high school or GED, including one year of high school science and two years of laboratory or field experience as an assistant to a biologist, chemist or zoologist. College course work involving major study in biology, zoology, fisheries, chemistry, natural sciences, or closely allied field will substitute, year for year, for experience, provided the course work includes at least six semesters or nine quarter hours of natural sciences classes.
- A desirable qualification is the successful candidate is able to identify the most common marine mammals in Washington State to species.

**SUPPLEMENTAL INFORMATION:
WORKING CONDITIONS**

The successful candidate must be willing and able to:

- Work in all weather conditions and safely operate a 24' research boat in the Strait of Juan de Fuca, Puget Sound and San Juan Islands.
- Work hours outside of the regular 8:00 am – 5:00 pm, Monday – Friday work hours including evenings, weekends and holidays, if necessary.
- Travel is expected Monday- Friday of each week with surveys originating from varying ports throughout Puget Sound. Technicians will make daily trips to each port. Per Diem will be provided when overnight stays away from duty station are required. A Motor Pool vehicle will be provided for transportation from duty station to field sites and coordinated among crew members.
- Safely operate motor vehicles to and from duty station to field sites and coordinate transportation among crew members.
- Walk, bend, and stoop, often while carrying heavy loads (25 lbs.) over uneven and slippery surfaces.
- Load and transport gear and equipment to and from research boat to vehicle.
- Be physically capable of enduring long hours in a research boat (24') in adverse weather (at times) and sea conditions.

To apply for this position you will need to complete your profile at www.careers.wa.gov and attach the following to your profile before completing the online application:

- Cover letter describing how you meet the qualifications of this position (generic cover letters will not be accepted)
- Current resume (please make it succinct)
- List of three professional references including current phone and email contact information. Personal references do not count as professional references.

Please note that failure to follow application instructions will lead to disqualification. If you have questions about the process, or need assistance, please contact the HR Office before the posting closes.

The Department of Fish and Wildlife is an equal opportunity employer. We strive to create a working environment that includes and respects cultural, racial, ethnic, sexual orientation and

SCIENTIFIC TECHNICIAN 3 *01505W Supplemental Questionnaire

- * 1. What best describes your level of education:
- High School diploma or GED
 - Associates degree
 - Bachelor's degree
 - Master's or above
 - None of the above
- * 2. What best describes the amount of science classes at the high school level or above you have taken?
- I completed and passed less than one year of science
 - I completed and passed one year of science
 - I completed and passed two or more years of science
 - None of the above
- * 3. What best describes your experience as a Scientific Technician 3 or equivalent ? Experience is based on full time equivalency (i.e., 40 or more hours/week). Part time work is prorated (e.g., 20 hours/week for 6 years = 3 years of experience). Do not count experience that was a part of your educational requirements.
- I have less than 12 months of experience
 - I have 12 - 23 months of experience
 - I have 24 - 35 months of experience
 - I have 36 - 47 months of experience
 - I have 48 or more months of experience
 - None of the above
- * 4. Do you possess a valid Motorboat Operator's Certificate?
- Yes No
5. Do you possess a valid U.S. Coast Guard Captain's License?
- Yes No
- * 6. Are you willing and able to perform work on a research boat in the Puget Sound for extended periods of time at time in adverse weather and sea conditions?
- Yes No
- * 7. Please briefly describe your experience operating small boats in the Pacific or similar open ocean conditions. Include the size of the boat(s), the body of water, the amount of experience you have, and how you obtained this experience.
- * 8. Are you willing and able to perform work requiring you to push, pull, and lift up to 25 pounds?
- Yes No
- * 9. Are you willing and able to travel daily up to five days/week?
- Yes No

- * 10. Are you willing and able to work cooperatively in a team of four people?
 Yes No
- * 11. Are you proficient in the use of GPS?
 Yes No
- * 12. Are you proficient in the use of a depth finder?
 Yes No
- * 13. Are you proficient in the use of radar?
 Yes No
- * 14. Are you proficient in the use of a marine radio?
 Yes No
- * 15. Please describe your experience maintaining and repairing, or arranging repair of, marine equipment (e.g., outboard motors, GPS, radar, boat trailer, truck, etc.). List the type and how you obtained your experience.
- * 16. Please describe in detail your experience identifying Washington seabirds in flight and on water and from considerable distances. Include the species of bird, the body of water, the time of year, the amount of experience you have, and how you obtained the experience
- * 17. Are you willing and able to work non-scheduled hours outside of the regular hours of 8:00 am - 5:00 PM, Monday through Friday, including weekends and holidays?
 Yes No
- * 18. Have you been convicted of a misdemeanor or felony within the last 10 years? (Answering yes will not automatically bar you from employment)
 Yes No
- * 19. Do you possess a valid State, or other state, driver's license? (If selected for an interview, you may be asked to furnish your license and driving record.) (A valid Canada license is suffice).
 Yes No
- * 20. Please verify that you have included the following information in your online application:
1) A chronological resume OR a completed online profile that includes education and employment history
2) A detailed cover letter describing how you meet the qualifications for this position.
3) Three professional references.