



PACIFIC SALMON COMMISSION

Suite 600 - 1155 Robson St.
Vancouver, BC, Canada
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www.psc.org

TERM POSITION: HYDROACOUSTIC TECHNICIAN

The Pacific Salmon Commission (PSC), an international organization responsible for transboundary salmon fisheries management in Canada and the United States, is seeking a full-time hydroacoustics technician for a 6-month term. The position will be based from the PSC office in Vancouver, BC, except during summer field season operations where it will be based from the field office in Abbotsford, BC. Under the supervision of the hydroacoustics manager(s), this position will support the Stock Monitoring group in preparing for and implementing the hydroacoustics field program during the summer of 2019, as well as contributing to hydroacoustic research projects and initiatives.

Duties and Responsibilities:

1. Assists the program manager(s) to carry out the hydroacoustics field program, ensuring the accurate deployment and continuous operation of scientific sonar systems.
2. Performs processing, archiving and quality control monitoring of hydroacoustics data collected during field operations.
3. Works as part of a team to set up, maintain, and take down the field site, including moving heavy equipment, installing fish weirs, and operating a boat in a riverine environment.
4. Counts, measures and analyzes hydroacoustics data (ARIS, DIDSON, Split-beam) to provide detailed information on migratory abundance and behaviour of salmon.
5. Enters and verifies data in MS Excel and Access databases.
6. Assists in the analysis of data for post-season reviews and research purposes.
7. Assists in training and instructing seasonal staff in field site operations and data processing procedures.
8. Assists in maintenance, repairs, and calibrations of acoustic systems, and other key apparatus.
9. Other duties as required.

Minimum Qualifications:

1. A Bachelor's degree or technical diploma in biology, resource management, fisheries, or related field.
2. Proficient in the use of MS Excel for data entry, verification and analysis.
3. Experience performing scientific field work, including data collection and entry.
4. Ability to work effectively as part of a diverse team in close quarters under time constraints.
5. Availability to work weekends, evenings, and extended work hours as needed throughout the summer field season.

6. Possession of Pleasure Craft Operator's Card (PCOC) and familiarity with operating a watercraft.
7. Valid Driver's License.

Asset Qualifications:

1. Experience and knowledge with hydroacoustics theory and the operation of scientific echosounders.
2. Experience and knowledge regarding fisheries and salmon biology.
3. Experience working and driving a vessel in a riverine environment.
4. Familiarity with VBA and/or R programming language.
5. Familiarity with Microsoft Access databases.
6. Experience with construction projects and the operation of power tools and machinery.

Wages will begin at \$28.23 per hour plus 4% in lieu of vacation.

Interested applicants should e-mail a résumé with cover letter to resumes@psc.org by March 24th, 2019. Two references will be required as part of the selection process. Candidates selected for an interview can also expect a skills test. The expected start date for this position is April 29, 2019.