

SENIOR MARINE ACOUSTICIAN

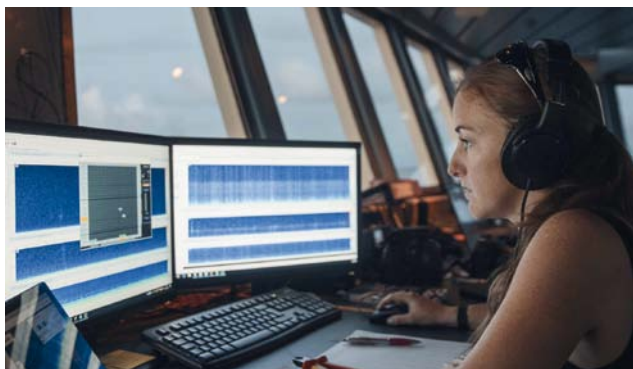
ROLE SUMMARY

To lead the Seiche Acoustics and Analysis team by providing experience and commercial oversight. The purpose of this role is to support the growth of the noise and marine acoustics portfolio at Seiche and to augment the existing skills base of the current Acoustics and Analysis team.

KEY TASKS OF THE ROLE

Principal accountabilities

- You will be expected to provide key input into our commercial and regulatory work, from initial survey design, through to data analysis and delivery of reports as well as presentation and publication
- You will further develop analytical methods to determine implications of noise-related disturbance, contribute to impact assessments, and publish the results of your research in peer-reviewed journals and at conferences
- You will work closely with the full Seiche team as well as lead and mentor the current Acoustics and Analysis team
- To contribute to the improvement of PAM data quality and PAM developments
- As an experienced, proactive scientist with an enthusiasm for applied research, you will be encouraged to seek new business opportunities in the UK and abroad
- Some in-field data collection will also be expected



The Seiche Water Technology Group provides monitoring and measurement solutions for the marine and utilities industries in the UK and across the world. Comprising Seiche Limited, Seiche Training, AutoNaut (Unmanned Surface Vessels) and Ashridge Engineering, the group has unparalleled access to R&D, design, manufacturing, deployment, installation and support.

CRITERIA WHICH WILL BE USED IN SHORTLISTING AND SELECTING CANDIDATES

Skills

- Thorough grounding in the fundamentals of physics, underwater sound propagation, sound measurement and data manipulation
- Extensive experience of commercial report writing to clients
- Up-to-date knowledge of published papers and wide perspective on noise measurement regulatory requirements
- Active contributor to international marine acoustics community
- Scientific programming
- Excellent verbal and written communication skills
- Knowledge of Python, Matlab, R, SQL, Microsoft Office; experience with GIS would be helpful but not essential
- Ability to work pro-actively and manage multiple priorities to achieve results against conflicting deadlines
- Excellent attention to detail
- Highly organised and able to manage own time and workload efficiently
- Pro-active and self-motivated
- Good analytical and problem-solving skills

Experience

- Senior scientist with minimum of 10 years' experience
- Similar role (desirable)
- Excellent industry connections and network
- Thought leader (desirable)

Education & Certification

- PhD (or equivalent) in marine acoustics or closely related field

CVs to be sent to	Kelly Holder: k.holder@seiche.com
Closing Date for CVs	9th October 2020
Location	Bradworthy/flexible options may be available
Core hours	9am-5pm Monday to Friday
Holiday and benefits	25 days holiday plus bank holidays
Salary	Dependent upon experience
Package	5 per cent employer contribution and life assurance (4 x salary)
Must drive due to location, client and site visits	