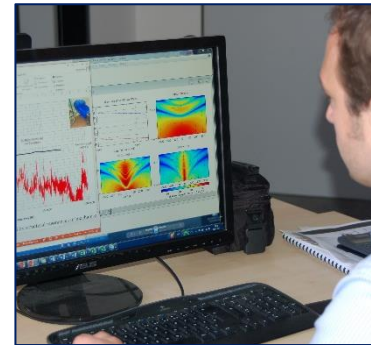


Ship Acoustic Engineer wanted

DW-ShipConsult in Kiel, Germany, is looking for a new member of our team to provide support in the field of ship acoustics, to start as soon as possible.

Important to know: The job profile includes many activities that will be learned on the job. Therefore, it is not necessary that you already master everything before starting work with us. Nevertheless, If you like to work mainly remotely, a certain degree of experience is needed.



Your tasks:

- Ship acoustic analyses during ship newbuild projects
 - o Review of design documents
 - o Calculation of sound generation, propagation and effects
 - o Development of acoustic mitigation measures
 - o Ongoing interaction with the customer
 - o Construction supervision and control of the implementation of recommended measures
- Vibration analyses using Finite Element Methods. Modelling, calculating, interpreting
- Acoustic problem analysis on board seagoing vessel
 - o Investigation of the problem based on customer information, technical documents and measurement results
 - o Development of a procedure for problem analysis
 - o Carrying out airborne noise and structure-borne noise measurements on the ship for all kind of noise emitting equipment
 - o Analyzing the measurement data, identifying the cause of the problem, developing technical solution options

- Communication of the results to the customer
- Planning and executing proof of performance measurements and comparison with the acoustic specification
 - Airborne noise (on board, in port, on the test rig)
 - Structure-borne noise and vibration (on board, on test rig)
 - Radiated underwater sound
- Advising of our customers in all acoustic matters
- Support and cooperation in research projects on matters of ship sound and radiated underwater sound

What you should bring to the job:

- Interest in ship acoustics
- A Master's degree with technical content (engineering, physics or acoustics) and at least five years of work experience
- Ability and keenness to grasp the technical-physical background of ship acoustics and to apply it to the task at hand
- Ability to communicate fluently in English, and to read and write reports. Basic German skills are beneficial but not a necessity
- Willingness to travel approximately 20 days per year. This travel includes field measurement deployments on ships, customer visits, conferences, or working in the offices of our JASCO Applied Sciences partner companies.
- Initial experience in ANSYS, Python, Matlab, or another programming language is desirable

About our company:

DW-ShipConsult is Europe's leading company for ship acoustics in air and underwater. With our local team of 10 we work toward ensuring that ships and seas become and stay quiet.

The reasons to make a ship quiet are manifold:

- Ensuring a comfortable voyage (mega yachts, cruise ships, ferries).
- Ensuring occupational safety requirements (ships of all types)
- Protecting the oceans from environmental harm due to noise
- Military requirements (low acoustic signature)

Our customers are in Germany, Europe and the world and range from shipyards to shipping companies, ship designers, authorities and manufacturers of engines and propulsion systems. DW-ShipConsult belongs to the JASCO Applied Sciences global group of companies, making it part of the world's largest private organization fully dedicated to the study, measurement and mitigation of the effects of noise on the aquatic environment.

Your benefits in this job:

- An appreciative and respectful work environment that you can look forward to joining every day
- A meaningful job: the results of your work are directly implemented by our customers, enabling comfortable travel, low environmental impact and safe working at sea.
- Diverse learning opportunities: Long-standing experts provide one on one support in learning the skills, so that specialized knowledge can be built up quickly
- A fostering of personal responsibility and open welcoming of your ideas
- Belonging to a broader group of more than a hundred colleagues worldwide who share knowledge, camaraderie, and enthusiasm for making a difference.
- Other benefits (standard for the German office):
 - o 30 days standard vacation
 - o Choice of additional 8 days vacation or a monetary vacation bonus
 - o Profit sharing at the end of the year
 - o Provision of a company bicycle of the employee's choice
 - o Supplementary company health insurance (600 EUR/year)
 - o Contribution to pension plan in the amount of 80 EUR/month
 - o Ergonomically high-quality workplace

(If you apply to work in a country other than Germany, benefits may differ depending on the regional regulations and expectations.)

Now it is up to you:

Do you want to join our crew and become our next teammate?

I am happy to receive your application:

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Cheers

Thomas

