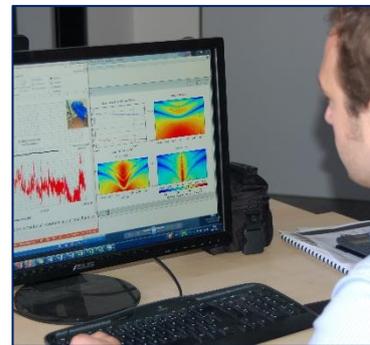


## Ship Acoustic Engineer wanted

The ShipConsult division of JASCO Applied Sciences is looking for a new team member to provide support in the field of ship acoustics, to start at any time.

Important to know: The job profile includes activities that will be learned on the job. Therefore, it is not necessary that you already master everything before starting work with us.



### Your tasks:

- Primary: Ship acoustic analyses during ship newbuild projects
  - Review of design documents
  - Calculation of sound generation, propagation and effects
  - Development of acoustic mitigation measures
  - Ongoing interaction with the customer
  - Construction supervision and control of the implementation of recommended measures
- Secondary: Acoustic problem analysis on board seagoing vessel
  - Investigation of the problem based on customer information, technical documents and measurement results
  - Development of a procedure for problem analysis
  - Carrying out airborne noise and structure-borne noise measurements on the ship for all kind of noise emitting equipment
  - Analyzing the measurement data, identifying the cause of the problem, developing technical solution options
  - Communication of the results to the customer
- Advising our customers in all acoustic matters

## **What you should bring to the job:**

- Interest in ship acoustics
- A Master's degree in Naval Architecture and at least five years of work experience in the maritime industry and in the best case as a ship noise control engineer
- 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. German language skills are beneficial
- 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 in the US or Canada.
- Initial experience in ANSYS, Python, Matlab, or another programming language is desirable

## **About our company:**

JASCO's ShipConsult division is Europe's leading company for ship acoustics in air and underwater. With our German local team of 15 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, North America and some other countries in the world and range from shipyards to shipping companies, ship designers, authorities and manufacturers of engines and propulsion systems. The ShipConsult division 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.

If you are a US or Canadian citizen you may choose to work from your home, join one of the JASCO offices in North America or our team in Germany.

Now it is up to you to decide:

**Will you join us?**

Please send your application to:

**Thomas Büchler**  
**Thomas.Buechler@jasco.com**  
**+49 4307 2769304**



We are looking forward to meet you.

Your JASCO ShipConsult team