

Consulting
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Transport of a transformer platform.
Source: »Siemens AG, photographer: U. Wirtwa«

Offshore acoustics: Noise control above and under the water

The growing number of offshore platforms and offshore wind farms leads to an increased noise input into the seas. Thus, noise control underwater becomes mandatory, but health and safety on offshore platforms have to be focussed on as well.

Müller-BBM provides supporting services in the acoustic planning of offshore platforms. Our consulting services comprise the planning of accommodation facilities and working areas as well as an optimal design of engine rooms. For this purpose, we develop and evaluate concepts for a structure-borne noise insulating mounting of machines. Of course, a continuing support in the construction phase is included in the scope of our services for the overall planning. We carry out acceptance tests and are accredited according to DIN EN ISO/IEC 17025 as a testing laboratory for sound and vibration.



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Müller-BBM also makes predictions concerning the propagation of underwater noise during offshore construction work caused, for example, by pile driving. Due to our many years of experience, Müller-BBM plays a leading role in the preparation of test and measuring specifications concerning underwater noise caused by pile driving and is also represented in the relevant committees dealing with standardization in the field of underwater noise.

Müller-BBM – Engineering services at the highest level

Müller-BBM's scope of services in ship acoustics and offshore acoustics is as varied as shipping itself: sound and vibration measurements, monitoring and overall evaluations, design and dimensioning of structure-borne sound reducing measures as well as acoustic consultancy concerning yachts, passenger ships, merchant, research and navy vessels. Since 2005, our research and consulting services in the field of offshore acoustics have been intensified. At best, our consulting services are provided already in the design phase: together with you, the necessary steps can be elaborated to meet the acoustic targets and requirements from the respective specification in the most effective way with low effort and costs involved.

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