

Underwater Noise Monitoring

Marine life can be harmed by anthropogenic underwater noise derived from the rise of human activities such as maritime traffic, marine civil engineering works, oil- and gas-related activities, and offshore wind farm development. SGS helps you meet your monitoring objectives—for noise, marine mammals and protected species, and the impacts of activity—by developing programs in coastal and offshore waters that are carried out by our experts under an ISO-accredited quality management system.

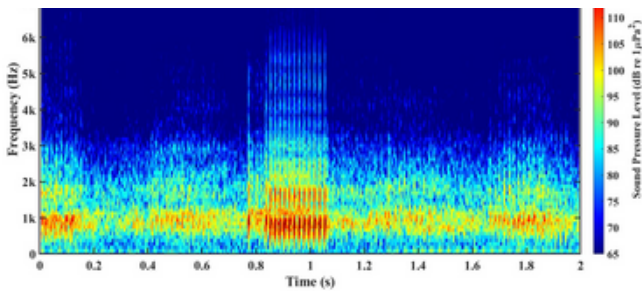


Figure 1. Bioacoustic signal calling

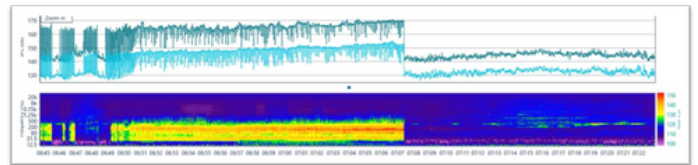


Figure 2. Examples of noise spectra and sound level

ONLINE MONITORING

Our customized underwater sound monitoring system integrates hydrophones, a data buoy and a communication device so accurate measurements are transmitted wirelessly to provide remote, real-time monitoring in ports, coastal areas, and offshore waters.



OFFLINE MONITORING

Underwater sound recorders are deployed over short- and long-term periods to provide relatively cost-effective measurements of underwater noise and bio-acoustic signals; following retrieval, data are processed, and monitoring data are available.

CONTACT US

Marine.Services@sgs.com

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