

HOW LOUD IS IT?

dB = decibel

A decibel is a measure of sound intensity, and it uses a logarithmic scale. So a sound that increases by 10 decibels is actually 10 times more intense.

SEISMIC AIRGUN BLASTING



185 dB (246 dB in water)

(100,000 s more intense than jet engine takeoff

JET ENGINE TAKEOFF



THRESHOLD AT WHICH HUMANS FEEL PAIN



WHAT ARE THE IMPACTS?

Seismic airgun blasting creates one of the loudest sounds in the ocean, and the intensity and constancy of the sound can disturb, injure and even kill marine life.

IMPACTS ON MARINE LIFE

For marine life like fish, shellfish, whales, dolphins, and turtles:

- The loud blasting masks social communications used to find mates, forage for food, or identify predaters.
- The long-term noise can interfere with nursing, family groups, and migration patterns.
- Repetitive sound waves can cause temporary or permanent hearing impairment and loss, serious injury, or even death.

ECONOMIC AND HUMAN IMPACTS

- Seismic activity impacts marine fisheries, which in 2011 accounted for over 43,000 jobs in New Jersey alone.
- Commercial fish catch rates in some areas have been shown to decrease by 40-80% over hundreds of square miles around a single airgun array.
- Seismic activity may result in habitat abandonment, reduced reproductive success, and hearing loss. Both the search and resulting drilling devastate mariner ecosystems, degrade habitat, and impact ocean uses like fisheries and tourism.



Clean Ocean Action advocates against seismic aligun blasting and fosters strong bearbsar federal and state opposition to sill and gas activities in the Atlantic Ocean. Learn more about the issue and Clean Ocean Action's work at www.cleanoceanaction.org.

CREATED BY HALEY JORDAN

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theny_angler !! PLEASE SHARE THIS POST !!

