

Hicks Vogan. (2021, December), Whale Song Creates Ultrasound Images of the Seafloor : National Geographic Thai Edition. (245) : 24

It used to be seen as a disturbance in the recording of earthquakes. The cry of whales may help create a map of the Earth's crust. From various locations on the ocean floor, seismometers relay information to scientists monitoring earthquakes. The instrument also often recorded the songs of nearby whales. Researchers usually delete the whale's voice during the analysis. But scientists Vaclav Koon discovered a new benefit when listening to the chirps of fin whales, which can be as loud as a large ship and can be detected up to 1,000 kilometers away. one fin then a reverberation After the sound penetrated the sea floor to a depth of 2. 41 meters and shake back up The study of the frequencies of these resonances This allowed scientists to obtain a type of low-resolution ultrasound image of the Earth's crust. It's not unlike how energy companies use airguns to scour underwater petroleum resources. Unless the whale's sound is naturally occurring. and less disturbing to marine life.

