

Measuring quakes, deep in sea canyon

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Measuring quakes, deep in sea canyon: Seismometer feeds data to undersea network

When the Loma Prieta earthquake shook Monterey Bay in 1989, the Monterey Bay Aquarium Research Institute was in its infancy. Twenty years later, it can boast a unique feat of engineering: the only underwater broadband seismometer west of the San Andreas Fault.

The Monterey Ocean Bottom Broadband seismometer measures and records earthquakes. It is 3,000 feet beneath the ocean's surface on a rocky ridge in the Monterey Canyon, 25 miles west of Moss Landing.

Connected to an undersea computer network, the Monterey Accelerated Research System, it transmits information directly to the University of California-Berkeley. Scientists there use the information to help determine the precise magnitude and location of earthquakes that occur west of both the San Andreas and San Gregorio faults.

Read the complete article at TMCnet.com [here](#).

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