

# Haida Gwaii Rumbles Picked Up on ONC's Hydrophone <sup>[1]</sup>

Submitted by Rory Lattimer Fri, 2012-11-02 00:00

From Alaska to Vancouver, residents along the west coast felt the powerful magnitude 7.7 earthquake that struck the Haida Gwaii archipelago <sup>[2]</sup> at 8:04PM PDT, on October 27th, 2012.

ONC seafloor hydrophones also registered the low-frequency rumbles from this earthquake, along with the calls of humpback whales in the area. This recording is from a hydrophone on Barkley Upper Slope, positioned at a depth of 396 m. In this clip, sound has been sped up 250% to make the earthquake noise audible to the human ear. The squeaking noises prior to the main quake are the sped-up whale calls.

*With thanks to John Dorocicz, Acoustics Systems Developer, Ocean Networks Canada*

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- [humpbacks](#) <sup>[6]</sup>
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// FIXES AMPERSAND IN BREADCRUMB var ONC_breadcrumb =  
document.getElementById("breadcrumb"); if (ONC_breadcrumb) { var ONC_innerHTML =  
ONC_breadcrumb.innerHTML; ONC_innerHTML = ONC_innerHTML.replace("&", "&");
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ONC\_breadcrumb.innerHTML = ONC\_innerHTML; }

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```
(function () { var d = new Date; var year = d.getFullYear();  
document.getElementById("copyright-date").innerHTML = year; }());
```

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**Source URL:** <https://www.oceannetworks.ca/haida-gwaii-rumbles-picked-oncs-hydrophone>

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