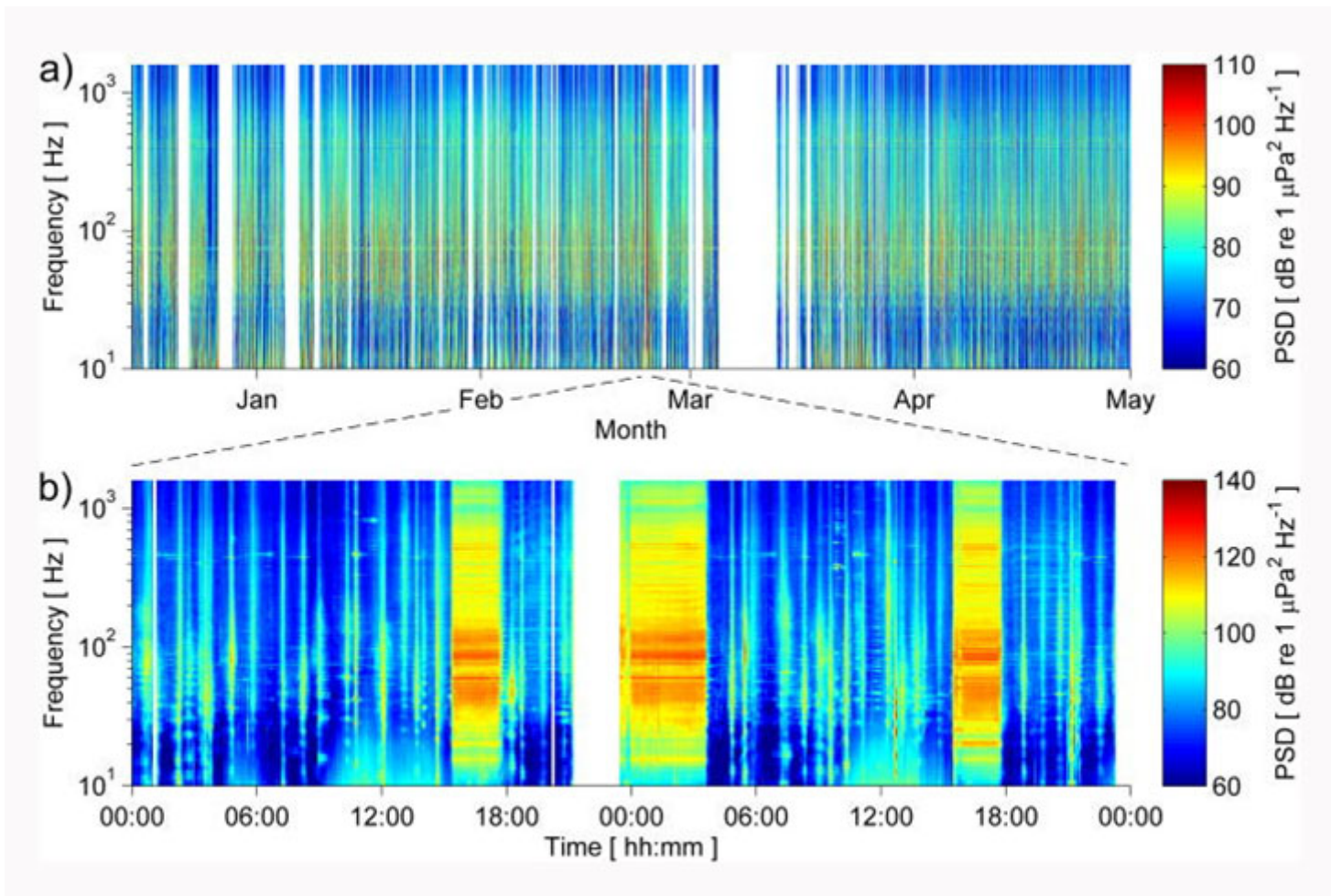


# Averaging Underwater Noise Levels for Environmental Assessment <sup>[1]</sup>

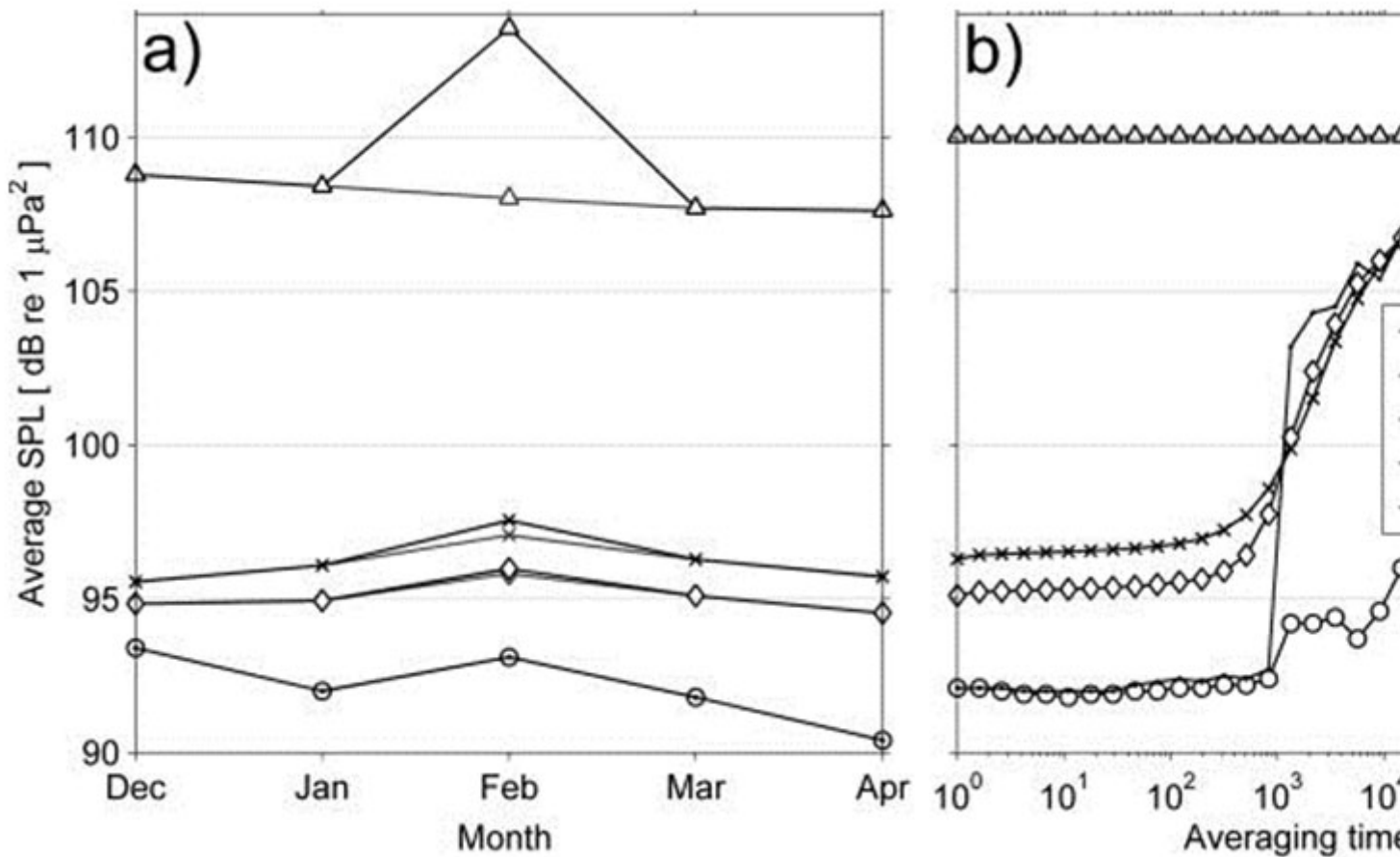
Submitted by Rory Lattimer Wed, 2012-10-03 00:00



[2]

There is currently a lack of consensus over how to average local shipping noise levels to assess the impact of such noise on marine life. Using data collected between Dec. 2011 and Apr. 2012 from an Ocean Sonics low-frequency hydrophone deployed at the VENUS Eastern Strait of Georgia site, this publication assesses various methods for averaging local shipping noise levels. The conclusion from this assessment is that mean sound pressure levels

averaged in linear space are most relevant for determining the cumulative impact on marine life (below).



[3]

## Reference

Merchant N.D., Blondel P., Dakin D.T., Dorocicz J. 2012. Averaging underwater noise levels for environmental assessment of shipping. The Journal of the Acoustical Society of America, 132(4), pp. EL343-EL349.

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document.getElementById("breadcrumb"); if (ONC_breadcrumb) { var ONC_innerHTML =  
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