



## Abstract View

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# The Generation of Barotropic Edge Waves by Deep-Sea Internal Waves

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### ABSTRACT

A simple two-layer, step-shelf model is used to demonstrate that barotropic (surface) edge waves of substantial amplitude can, in principle, be generated by deep-sea internal waves incident upon the coastal topography. Some qualitative features of the results suggest that this mechanism could amount for the edge-wave “noise” observed by Munk and others.

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