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# On Tidal Motion in a Stratified Inlet, with Particular Reference to Boundary Conditions

#### Carl E. Pearson and Donald F. Winter

University of Washington, Seattle, WA 98195

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#### **ABSTRACT**

The method of characteristics is used to provide radiation-type boundary conditions appropriate to a portion of a two-layer inlet subject to tidal effects governed by one-dimensional shallow-water theory. Internal waves are considered, with Knight Inlet as an example.

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