

**July 2013****Volume 139, Issue 4, pp. 247-340**

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Donal Ryan and G. A. Hamill

J. Waterway, Port, Coastal, Ocean Eng. 139(4), 247-255 (2013) ;  
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J. Waterway, Port, Coastal, Ocean Eng. 139(4), 256-266 (2013) ;  
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[http://dx.doi.org/10.1061/\(ASCE\)WW.1943-5460.0000180](http://dx.doi.org/10.1061/(ASCE)WW.1943-5460.0000180)

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