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**THE SENATE**  
**COMMITTEE ON OUTDOOR RECREATION AND**  
**TOURISM**  
**SENATOR GOEFF HANSEN**  
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**Senate Committee on Outdoor Recreation and Tourism**

A meeting of the Senate Committee on Outdoor Recreation and Tourism was held on Thursday, June 23, 2011 at 12:30 p.m. in Room 210 of the Farnum Building.

The meeting was called to order at 12:36 p.m.

Members present: Senators Hansen, Casperson, Moolenaar, Gleason, and Young

Members absent: Senators Hildenbrand and Brandenburg

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Senator Hansen called the meeting to order.

Senator Hansen announced the order of business for the day:

Approval of Minutes

Presentation on Rip Currents by the following:

Dr. Guy Meadows, Marine Hydrodynamics Lab, University of Michigan, Ann Arbor

Mr. Bob Dukesherer, National Weather Service, Grand Rapids

Dr. Ronald Kinnunen, District Extension Educator, Michigan Sea Grant Extension, Marquette

Senator Moolenaar moved to adopt the minutes from June 16<sup>th</sup>, 2011 with unanimous consent. Without objection, the minutes were adopted.

Senator Hansen called forth Charles Pistis, Guy Meadows, Bob Dukesherer, and Dr. Ronald Kinnunen to give a presentation on Rip Currents. Dr. Meadows, Mr. Dukesherer, and Dr. Kinnunen then answered questions from the committee members.

Mr. Pistis, Dr. Meadows, Mr. Dukesherer, and Dr. Kinnunen all submitted documents on file with the clerk.

Senator Proos testified on rip currents and safety matters related to them. Senator Proos then introduced his guests, Ron Wise and Tony Marsala of the City of South Haven Emergency

Services, to give further testimony on safety issues. Senator Proos also submitted documents on file with the clerk.

Senator Hansen adjourned the committee at 1:48 p.m.

9/8/11  
Date Approved by Committee

\*\*An audio recording of this committee meeting is available upon request for a minimal fee.