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November 29, 2007

## MEMORANDUM

**TO:** Council Members

**FROM:** Tony Grover, fish and wildlife division director

**SUBJECT:** Presentation on Pacific Ocean Shelf Tracking

Marc Trudell, Canadian Department of Fisheries and Oceans, will present the latest results from The Pacific Ocean Shelf Tracking Project (POST).

POST was created to monitor the movement of marine animals through an array of listening stations set along the west coast of North America. Little is known about key aspects of the biology of threatened and commercially valued species upon which fisheries assessments are critically dependent. POST results will give much needed information about their behavior and provide unprecedented insight into the mysteries of migration.

The POST project uses newly developed acoustic technology to track the movement of individual animals. Tags implanted in the animals' abdomens send out unique signals, which are picked up by receivers placed on the ocean floor. Most species and many life history stages can be studied using POST.

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