



Seminar Announcement

Sponsored by:

NMFS/NEFSC, CINAR, and the
Woods Hole Oceanographic Institution ~ AOP&E Department

Wednesday April 08, 2015

12:15pm

WHOI-NEFSC Special Seminar Series on Fisheries and Ecosystem Acoustics
**Understanding the Reproductive Ecology of Gulf of Maine Cod
Through Passive and Active Acoustics**

Micah Dean, Fish Biologist, MA Division of Marine Fisheries

To be held at: NEFSC Stephen H. Clark Conference Room, NOAA Aquarium Building

ABSTRACT

Atlantic cod were once abundant and broadly distributed along the entire GOM coast, supporting fisheries from numerous small ports ranging from Canada to Massachusetts. Unsustainable levels of exploitation resulted in the loss of many discrete spawning groups. Efforts are underway to protect the few known remaining spawning groups; however, it is critical to understand the where, when and how of cod spawning so that conservation measures are effective and do not cause unnecessary harm to a struggling fishery. A variety of research programs have been pursued the answers to these questions over the last decade and have relied heavily on acoustic telemetry and passive acoustic monitoring. Results from these projects will be summarized and presented in the context of the current state of the GOM cod stock.