

Ocean Electric Field for Oceanography

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LONG-TERM GOALS

The long-term goals are to provide advice to ONR, promote graduate education in navy relevant fields and advance the use of motionally induced electric and magnetic field for basic and applied studies.

APPROACH

The SECNAV/CNO Chairs in Oceanographic Sciences meet periodically with the CNR to discuss ocean research issues and opportunities, and to provide comments on ONR policies and activities. Two graduate students are supported on this grant; both are engaged in ONR-supported research projects.

WORK COMPLETED

- Advising two SECNAV/CNR Chair supported graduate students
- Visited NMOC and NRL in SSC in January
- Use Chair funding to support participation in several ONR DRI programs

PUBLICATIONS (wholly or in part supported by this grant)

Sanford, T. B., J. F. Price and J. B. Girton (2010). Upper ocean response to Hurricane Frances (2004) observed by profiling EM-APEX floats, *J. Phys. Oceanogr.* (in press)

HONORS/AWARDS/PRIZES

Awarded The Henry M. Stommel Research Award from the American Meteorological Society, January 2010

Elected Fellow of the American Meteorological Society, January 2010