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FINAL TECHNICAL REPORT

Discovery of Sound in the Sea (DOSITS) Web Site Development

ONR Grant N00014-12-1-0169

Period of Performance: 01 January 2012 – 31 December 2014

Principal Investigator

Peter F. Worcester

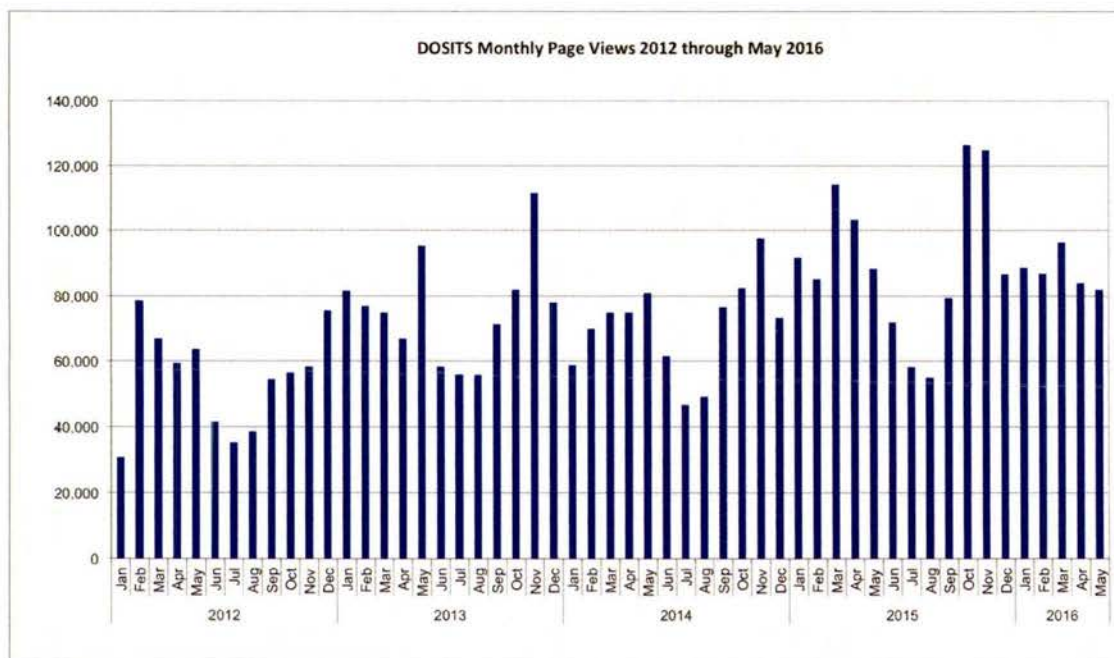
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The Discovery of Sound in the Sea (DOSITS) website (<http://www.dosits.org/>) was developed to help fill the critical need for scientifically sound, objective information on sound in the sea, given the controversy concerning the potential effects of anthropogenic sound on marine life. It includes information on the science of sound in the sea, on how people and marine life use sound in the sea, and on the effects of anthropogenic sound on marine life. The DOSITS site, which was launched in November 2002, has been remarkably successful. Fig. 1 shows the number of hits and page views on a monthly basis from 2012 through the beginning of 2016.

FIG. 1. DOSITS monthly page views from 01 January 2012 through the beginning of 2016.



The annual summaries for 2012 through 2015 are:

Year	Hits	Page Views
2012	10,212,105	659,854
2013	13,889,541	908,913
2014**	9,187,061	846,831
2015	10,573,865	998,388

**Hits/page changed to be 20–30% lower

The web traffic numbers exclude all known search engines and other spiders, as well as traffic from the University of Rhode Island Graduate School of Oceanography DOSITS team.

I am a member of the DOSITS Scientific Advisory Panel, which meets for three days twice a year (spring and fall) to review all new material before it is included on the site. In addition, during this period I played an active role in generating new material, contributing to some of the more technically advanced sections, including:

Science of Sound > Sound > What happens when sound pressures are large?

Science of Sound > Advanced Topics > Detection Threshold for Sonar

Science of Sound > Advanced Topics > What is intensity?

People and Sound > History of Underwater Acoustics > The Cold War: History of the Sound Surveillance System (SOSUS)

Galleries > Technology Gallery > Basic Technology > Explosive Sound Sources

Galleries > Technology Gallery > Basic Technology > Geophone

Galleries > Technology Gallery > Basic Technology > Vector Sensors