



NEAR-Lab

*Northwest Electromagnetics &
Acoustics Research*

Deep Ocean Detection Performance

The NEAR-Lab has been awarded \$300k for a new ONR-sponsored research effort entitled "Deep Ocean Detection Performance ". The objective of the three year project is to improve the ability to passively detect targets at low frequencies in deep water environments by utilizing an advanced signal processing framework based upon accurate characterization of the signal and noise structure. The effort will support the ONR North Pacific Acoustic Laboratory (NPAL) program, including participation on the planned data collection in 2009/2010 in the North Philippine Sea.