



NOAA MT Refresher Course

Hatfield Marine Center, Newport, OR

17-20 January 2012

Updated: October 29, 2012

For a list of participants click [here](#).

Presentations

Basic Electrical Theory, Skill, and Tools

Charles Sekafetz, Chemeketa Community College

SBE 911+ BootCamp

David Murphy, Seabird Electronics

Basic Acoustic Theory

Introduction to Underwater Acoustics

Michael O. Gonsalves, LT/NOAA

Introduction to Singlebeam and Multibeam.pptx-complete with animations

Introduction to Singlebeam and Multibeam.pdf-pdf version of above

LT Olivia Hauser, Field Operations Officer, NOAA Ship RANIER

Introduction to Sound Speed and its Applications to Multibeam

LT Caryn Zacharias, NOAA Ship FAIRWEATHER

The ADCP and UHDAS

Dr. Julia Hummon, UH at Manoa

A Short Course on Automated Underway Meteorological Observation

Shawn Smith, FSU Center for Oceanic-Atmospheric Prediction Studies

Dan Wolfe, NOAA CIRES

Basic Oceanography and how it applies to the Technicians

Properties of the Ocean

Dynamics of the Ocean

Surface Waves

Kipp Sherman, OSU College of Oceanic and Atmospheric Sciences