

## SIO 209- Special Topics-Chadwell

1. Sumatra Subduction and goals of the survey
2. Basic underwater acoustics
3. The echo sounder and its limitations
4. The multibeam approach
5. Signal processing of multibeam data
6. Introduction to MBSystems software
7. Processing multibeam data with MBSystems
8. Design of multibeam surveys
9. CHIRP sub-bottom profiling.