



An experimental study over single-beam echo sounders: Applications, Advantages, and disadvantages

A. A. Ardalan (1), F. A. Givi (2), M. H. Rezvani (1), and N. Abdolmaleki (1)

(1) Department of Surveying and Geomatics Engineering, College of Engineering, University of Tehran, P.O. Box 11155-4563, Tehran, Iran, (2) Institute of Geophysics, University of Tehran, P.O. Box 11155-4563, Tehran, Iran

Abstract

One of the common instruments in hydrographic and sea navigation is single-beam echo sounder. In this paper we share our experiment with the selection of single-beam echo sounders for different types of hydrographic, navigation, coastal studies, and fisheries applications.