



UAN - Fixed Sub-Surface Nodes (project plan)

F. Zabel, fredz@wireless.com.pt

C. Martins, cvmartins@ualg.pt

SiPLAB - FCT, University of Algarve

Campus de Gambelas,

PT-8005-139 Faro, Portugal

Comments: download file ([cintal_rep](#))

Ref.: SiPLAB Report 08/09, FCT, University of Algarve, 2009.

Abstract: This document describes requirements for the Fixed Sub-Surface Nodes (FNO) two of which are to be developed for the Underwater Acoustic Network (UAN) project. The fixed nodes serve as sensor platforms which are to be deployed and work autonomously and cable-less on the sea floor. Communication with these nodes is to be accomplished by using underwater acoustic modems. A description of hardware and software is included in this document. Mechanical drawings can be found in the appendix.

ACKNOWLEDGMENT: this work was supported by project UAN (Underwater Acoustic Network) from the European Community's Seventh Framework Programme (FP7/2007-2013) under Grant Agreement # 225669.