

Internship Report

On

IMPLEMENTATION OF AN ACOUSTIC PROPAGATION LOSS MODELS IN UNETSTACK

Submitted by,
Deekshith N S(182IS004)

Under the guidance of
B R CHANDAVARKAR

Dept. of Computer science & engineering
NITK Surathkal



Department of Computer science & engineering
National Institute of Technology Karnataka, Surathkal.
2018-2019

Abstract

In this project, the capacity of a point-to-point communication link in an underwater acoustic channel is calculated. The analysis takes into account the effects of various acoustic propagation loss models. A physical model of ambient noise power spectral density is also considered. A comparative assessment of the influence of various acoustic transmission loss models on the acoustic bandwidth and the capacity is performed.