

ABSTRACT

Indonesia is an archipelago which certainly has a very wide sea. The total area of the Indonesian sea is 7.81 million km² [10]. Of course, with the vast sea area, it takes a tool that is able to detect the situation at sea. And Indonesia's vast sea area also means that it requires a tool to monitor the state of the sea. Based on these problems, we need a system that is able to handle the problem. The system is designed using the Fuzzy Algorithm to provide information about the situation at sea, and is very useful for fishermen, and surrounding communities who especially live in coastal areas. From the results of tests that have been done, Fuzzy logic algorithm has a performance with 100% accuracy

Keywords: Gyro, Accelerometer, Arduino, Fuzzy