

ABSTRACT

Waste is a material that consists of several types such as organic and inorganic that are not processed again. At this time in several places in Indonesia was visited definitely have a problem with pencemaran environment, most of the few places that's hard to reach so it can be cleaned one of the main factors is the lack of facilities in the clean up that junk. Place the most difficult to reach is the waters. So the design of the Prototype Marinebot GW-40 is presented that can be applied in an environment of calm waters that have been polluted by plastic waste. Marinebot these systems are designed with the device microcontroller and monitoring system. This design makes it easy in making junk just by controlling Marinebot through the remote that have been designed in such a way and Marinebot equipped navigation system. At the time of the system is lost and can not be reached by the remote navigation Marinebot in realtime send location longitude and latitude..

Keywords: Navigation, Marinebot, microcontroller.