CHAPTER V

CONCLUSION AND RECOMMENDATION

5.1 Conclusion

Based result of discussion at the chapter before here is the a few conclusion from this project.

1. To make an equipment measuring temperature of sea water with depth variation required a few device like a microcontroller ATMega 8535, IC LM35DZ as temperature sensor which by covered all pins of component with glue guns, optocoupler as depth measurement and display on LCD 2x16.
2. Data have already captured saved in EEPROM then while this device is shutdown condition, data still stored in microcontroller.
3. Ratio the temperature in sea water around Poncan Sibolga Beach become decrease comparable with the depth. This case prove up that the temperature of sea water is different in every deepness layer.

5.2 Suggestion

To measurement with more helpful should replace motor wit stronger torsi and enough to take up the load. Adding another sensor to completed the function in all measurement like pH sensor, BO sensor, BOD sensor and etc. Design of the next equipment hope design equipment able to transmitted data to somewhere place for measurements to increase works efficiently equipment.