CHAPTER 5

CONCLUSION

5.1 CONCLUSION

From the data analysis and simulation, the conclusion have been taken are:

1. Automatically ballast system is good choices to install on the MV Sinar Jambi cause it is not need the large changing on the existing ballast system
2. Automatically ballast system can increased ship stability during loading and unloading cause it is can entering water ballast to the ballast tank appropriate to trimming or heeling moment
3. The new equipment must be installed to support new ballast design are : servo motor, trim heeling meter, control unit, solenoid valve and pneumatic actuator.
4. The automatically is feasible to install on the ballast operating system. This statement based on the result of simulation that the automatic ballast system make the ship more save on their stability.

5.2 ADVISEMENT

Based on analysis and conclusion, we can give some advisement:

1. To implementation this research on the real condition ( MV. Sinar Jambi ), need a research to more completely.
2. All of the equipment that installed on the new operated ballast design must consideration the existing ballast design.
3. This research can used to consider the new research about ballast operation system.
REFERENCES


