

## **ABSTRACT**

*Steering gear control system is one of equipment which has function to controlling mechanism of ship's steering. This control such as various type like as hydraulic control, mechanic, pneumatic, and electric or electronic control. On this time, half or all of part ship's steering gear using electric control to process its mechanism. One of type electric control is scan-steering. Scan-steering is a system which have the function controlling power, alarm, and manouver of steering gear that applied and using SSE 200M for steering system.*

*On this field project explained about case study that have the purpose doing analysis anad learning about steering gear control system with scan-steering on the cargo ship. Cargo ship that have to be the researching object in this field project is MV Multi Sarana that registered on Indonesian Class and Lloyd Register. Manouver panel and motorstarter panel are the part that became the object for this analysis.*

*The result of this research is a few suggestion that can applied for the problem of steering gear control system. The development that on this analysis could be used forrefernces on the others technology development in all of steering gear control systems.*

**Keyword : Steering Gear, Control system, Scan-steering, SSE 200M, MV Multi Sarana**