## LEMBAR

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## Vessel Operational Impact and Generator Operation Toward Electrical Power Load in Mv. Dk-02

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Abstract. Electrical Power Load is everything that beared and occurred by electrical power. The purpose of this research is to analyze the operational condition of vessel and generative operation toward destrain power load on bound. The research used quantitative method with application program to analyze the correlation and the impact between independent variable and deposaled variable from the electrical power load data. The result of the research does by the researcher on board is XI (operational condition of vessel) took applies effect toward Y in the control of the control of the control of the control of the Centrol operation of the Vision of the Centrol operation of the Vision of Vision of

1. Forested
Operational I, the border and guideline to do an activity. Votard is a moda to carry the cargos,
passengers, or bulls such as coal in order to industrial needs. Vessel operational is a vossel activity in
a various condition when the vessel is on sea [1] Generate operation is an interconnection between
several generators in unit, single or together to carry the burden. The generator will be paralleled to
be manually synchronized or automatic, in order to get a begge power, [2]
the company with the hole of magnetic includion. The cenergy are information happened because the change
of the magnet mediant to the collarachor the place where the voltage rises toward generator, [2]
Electicity look of sweepting which themeden and need electrical power. Electricity load is a electric
that absorbed or resulted in a circuit. The energy source such as electrical voltage will result electric
power, while the connected load will be absorbed with that voltage. The electric power is an energy
communication level in the electric circuit. [3]
or generator is connected load will be absorbed with that backed 2004W, therefore, it will
experience overdended capacity and probably cause a blacked. In order Long. 2 generator
parallelically and fully loaded for each generator fold by Morth discharging process and using 4 crans
or order to finish is quickly. Those 3 generators will be operated together with the load for each
generator is between 160 KW until 260 kW. When the cense operated, the wait meter shows the number
department to use 3 cranes. The first usages will be increased if the loading discharge delayed and the



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operational time of the diesel generator. The condition of Vessel Operation and Generator Operation toard Electrical Power Load in MV. DK-02 is a subject to be studied.

### 2. Literature Review

2. Literature Review
2.1.Literature Review
Vascel operation is the implementation from the vessel activity plan when operated, in order to reach the purpose as a sea transport mode that have implemented based on the Regulation, [1] There are several conditions in the vessel operation of MV. DR.O.2 which are:

[2. Mancover is a vessel ability to bend and turn around when sailing in the limited water area around the port.

[3. Sailing is a vessel condition when doing a voyage from the departure port toward the arrival port from the finished mancover until the mancover on the destination port.

[4. Sailing is a vessel ability to bend and turn around when sailing in the limited water area around the port.

[5. Sailing is a vessel condition when the nucleor stop on the sea to wast for the berthing lineup on the port.

[6. Generator is a power generator or called alternator that has function to convert the mechanical energy (disartio) to electric energy with magnet induction as the medium, [2] college and power need to the electrical loud used, [2] There are modes on generator operation to generator operation on board to electric recourses and power load used to machining aids, which are:

[6. Operation mode single generator or a mode on generator operation is a function to the needs of electric load or substantion of the second control of the control of the second or substantial or substantial or the developed load.

[7. Operation mode parter generator operation is a condition of two or more generator, so each of the current flow to the load. [2] The advantage of parallel generator on board is:

[8. Operation mode parter generator generator operation is a long that the developed load.

[8. Operation mode table generator operation is a condition of two or more generator, so each of the current flow to the load. [2] The advantage of parallel generator on board is:

[8. Operation mode parter generator generator operation is a long than the two seal anchor or any operation operator operation of the control flow of the

2.2. Framework
Framework is the relation between the variables arranged by several described theories. The framework
made by the position based on the relevant theories so the problem in the research will be solved.

