ANALYSIS STRENGTHS AND LACK FROM OPERATION OF SHIPS 5000 GT IN GRESIK-BAWEAN WATERS

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ABSTRACT

Bawean island is administratively included in Gresik regency. During this sea transport became the main means of transportation and the only one that connects with Bawean Gresik. During bad weather the ship-Bawean Gresik transport minister can not sail caused waves up to 3.5 meters high. This causes the breakdown of transport Gresik-Bawean so many passengers that the ship could not sail and grocery delivery delays resulting Bawean Island rising food prices on the island of Bawean. The options offered by the government is operating the ship Gresik 5000 GT. Analysis is needed to find cost ratio benefits from the operation of the vessel by considering the relevant parties of the operator of ships 5000 GT is the shipping, ports, ships and public users. Analyses were performed using six scenarios of ship operation and use the option of a new ship or boat rental. By calculating the costs, advantages, disadvantages and benefits of the shipping sector, port, user and public boat when the boat dioprasikan 5000 GT or not dioprasikan sought to determine the ratio of the biggest best-case scenario. From the results of the discussion concluded that in order to solve transportation problems Gresik-Bawean use the 5000 GT vessel with a lease and use scenario 6 where ships operate seven days.

Keywords : Wave, Analysis, Benefits, Losses