

ABSTRACT

EVALUATION OF PARKING IN THE DOCK I TO V RESULT IN ADDITION DOCK VI BAKAUHENI PORT LAMPUNG SOUTH

By

Ni Nyoman Yuliyanti Wijaya

South Lampung Bakauheni port is the port that developed under the auspices of PT. Angkutan Sungai Danau dan Penyeberangan (PT. ASDP) Cabang Utama Bakauheni in Lampung province. At this time Bakauheni Port has six dock. Based on the addition of 6 dock then dock into the parking area of the port should be revisited. A review of the parking area must be done to get the state in accordance with the needs of the motor vehicle capacity will climb aboard the lean, so there is no traffic jam when the queue is too long.

Data obtained from the following calculation parking duration on July 22, 2015 amounted to 240 minutes. This affects the capacity of the vehicle can be at capacity. The capacity of the truck as many as 1450 vehicles / day, parking index gained by 42%. Parking index value is still below 100% indicates that the number of available parking plots are still able to accommodate vehicles to be parked in the port of Bakauheni. Forecasting the number of trucks of 2018 was as much as 1,504 trucks, by 2019 as many as 1,577 trucks and by 2020 as many as 1,651. The number of growing up from 2015. Forecasting is done because of the toll road operation Sumatera in 2018 whereas in 2016 and 2017 is not the development of transportation facilities in the port of Bakauheni so that the number of the truck is considered stable by 2015.

Key words: *parking, vehicle capacity, Truck, Bakauheni Port*