

PERFORMANCE MEASUREMENT: THE CASE OF DURRES PORT

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ABSTRACT

Nowadays the most important studies for a port are developed in the field of performance. Performance measurement it is not an easy task, and generally the question “How to measure it” is one of the crucial questions. The aim of this paper is the identification and the measurement of the main key performance indicators for the Port of Durres. This study will take in consideration the data’s for three different years and each year will be divided in three different periods. The first performance indicator taken in consideration is the berthing delay for incoming vessels. For this we have observed the data of ship arrival times at pilot station and the berthing time in the port. Data refer to ships calling port of Durres during year 2012, 2013 and 2014. The second indicator is berth occupancy rate which will be will be evaluated and calculated for each of the three years and will be compared to investigate the berth productivity each year. And the last but not least important, is the indicator that will be measured specifically for the containers terminal will be crane rates per hour. Number of ship visits (calls) in the port of Durres during the each of the three years under the study will be evaluated and compared in order to observe the traffic tendencies in years. Size of the ship and tonnage trend of the ships calling port of Durres will be evaluated. The conclusions of this paper will be based on the findings for this indicators and the impact they have on the port performance

Keywords: Key performance indicators, container terminal, Port of Durres, crane rate.