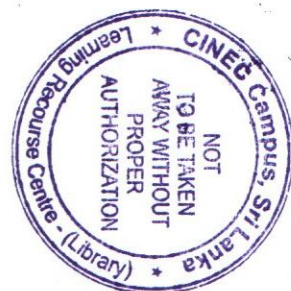# ABSTRACT

Truck Turnaround Time (TTT) plays a key role in assessing the performance and the efficiency in container terminal in any of the port terminal. TTT can be taken as one of the prominent indicator that impacts on the overall performance and the terminal output. Hence this case study was used to identify factors affecting the truck turnaround time at JCT, Colombo port. Industrial survey and some literature from previous case studies were used to find and justify the operational factors impact on TTT. Then five operational factors were identified which influence on TTT in local import handling trucks at JCT. Hence the data collection was based on combination of primary and the secondary data sources. Stepwise backward technique in multiple linear regression has been used to analyze the collected data and to obtain the best fit model for this study using SPSS statistical tool. Thereafter two independent variables (operational factors) were obtained as significant factors with related to TTT, according to the regression model. Finally this case study proffers some relevant suggestions to minimize the truck turnaround time of local import containers caring trucks at JCT.

Keywords: Truck Turnaround Time, Jaya Container Terminal