

CHAPTER 5

CONCLUSIONS

This chapter contains of the conclusions from research and suggestions for further research.

5.1 Conclusions

Based on the results of data processing and discussions, it can be concluded:

1. According to the Value Added Assessment (VAA), it is obtained that the activities occurred in Receiving Process Flow of Container PT Pelindo II Teluk Bayur consist of a total of 41 activities where 27 activities classified as value added (VA), 9 activities classified as non-value added (NVA), and 5 activities classified Necessary but non-value added (NNVA).

Activities classified as non-value added (NVA) in Receiving Process Flow of Container are

- a. Forwarding Agent waiting for their process to get result of request SIMOP TPK System
- b. Forwarding Agent waiting for their process to get Nota Receiving
- c. Forwarding Agent waiting for their process to get Nota Payment
- d. Forwarding Agent waiting their process to get paid status
- e. Forwarding Agent waiting for their process to get receiving card
- f. Trucks waiting in Gate in
- g. Trucks waiting in container yard
- h. Setup Rich Stacker
- i. Trucks waiting in Gate out

Activities classified as Necessary but Non-Value added (NVA) in Receiving Process Flow of Container are

- a. Forwarding Agent walk to cashier

- b. Forwarding Agent walk to financial counter officer
- c. Forwarding Agent come to Container Terminal after getting Receiving Card
- d. Trucks go to container yard
- e. Trucks go to gate out.

2. The proposed improvements are suggested to reduce wastes in the Receiving Process Flow of Container in PT Pelindo II Teluk Bayur as follows :

- a. TPK Counter Officer focused doing one job, serve the request of SIMOP TPK System or printing receiving cards.
- b. Make alternative payment
- c. Remove setup of rich stacker
- d. Updated information about the arrival of the ship and closing time schedule.
- e. Socialization, open discussion and information about Receiving Process Flow of Container.
- f. Evaluation of the performance officer.
- g. Machine and website maintenance regularly
- h. Generator installation in the field.

5.2 Suggestions

Suggestions are given for future research as follows :

- 1. Research on lean methods should not only be conducted about the receiving process flow of container, but can also be performed ordering process flow of container.
- 2. Further research can carry out the implementation and evaluation of the proposed improvements.