

<u>Delft University of Technology</u> <u>Faculty Mechanical, Maritime and Materials Engineering</u> <u>Transport Technology</u>

P.R.F. de Vries Operationele haalbaarheid van een forrestterminal en verbeteringsvoorstellen voor de overslag van hardhout Masters thesis, Report 90.3.TT.2704, Transport Engineering and Logistics.

After a merger between two general cargo terminals and EGT a study has been made of the feasibility of a new transshipment system of forest products. This rapport consists of two parts:

- The first part shows three possible transshipment systems. A model has been made of the most relevant solution. To include the dynamic aspects of the system, a simulation has been made. With this simulation the handling materials are determined.
- The second part shows a number of opportunities to make the unloading of a ship more safe and efficient. The most relevant solution seems to be a postioning place on the quay and special automatic hooks on the crane. Some designs of these tools are made.

Reports on Transport Engineering and Logistics (in Dutch)

 $Modified: 2007.03.21; \underline{logistics@3mE.tudelft.nl}, \underline{TU\ Delft}/\underline{3mE}/\underline{TT}/\underline{LT}.$