J DENI TONORO. Feasibility Effort of Fisheries in North Halmahera Regency. Supervised by Mulyono S Baskoro and Budhi Hascaryo Iskandar.

The objectives this research are: (1) to describe of the performance of fishing units pajeko, in North Halmahera District, (2) to assess differences level of the performance of fishing units pajeko size <5 GT with a 70-10 GT (3) to assess the feasibility of both pajeko fisheries. Result of this research show that, most of the level of fishing technology used is relative simple, except pajeko fishing technology has relatively advanced technology. Pajeko is an active fishing gear and higher productivity compared with other fishing gear. The test result is the type and size of fishing gear affects the productivity and income levels of fishers. Fisheries productivity and revenue of pajeko size 70-10 GT higher compared with the pajeko size <5GT. Based on feasible and investment criteria analysis indicate pajeko fishing unit sizes 70-10 GT more feasible to be developed in North Halmahera regency.

Keywords: fishing units, pajeko (mini purse seine), productivity, feasible analysis and investment criteria analysis.