

Ampol Tiewsakul 2007: The Analysis of Logistics Management of Pair Trawler in Samut Songkhram Province. Master of Business Administration, Major Field: Business Administration, Interdisciplinary Graduate Program. Thesis Advisor: Associate Professor Preeyanuch Apibunyopas, Ph.D. 168 pages.

Thai marine fisheries' problems are related to logistics management in both macro and micro levels. The objectives of this study are to prepare overall picture mapping of pair trawler, logistics cost, value stream mapping and logistics management measurement. Data was collected from sampling of Pair Trawler in Samut Songkhram province 2006.

Logistics cost of pair trawler in Samut Songkhram province could be classified into four groups, transportation cost, the highest one is 664,951.84 baht - per - month (bpm), customer service cost is 94,795.92 bpm, inventory cost is 49,594.64 bpm and miscellaneous which include warehouse cost, order processing cost and lot quantity cost; total of miscellaneous is 40,995.71 bpm. Overall logistic cost is 850,337.61 bpm and the ratio of logistics cost per income is 64.12 %.

There are fourteen different activities in pair trawler procedure which could be classified into 3 types that are raw material procurement used 37.89 hours - per - trip (hpt), fish catching used 26.68 hpt and product distribution used 28.17 hpt. The total average time usage is 92.74 hpt.

The logistics management is evaluated in 2 categories; they are productivity and process velocity. There are more productivity in terms of income / logistics cost, income / power of engine and income / ton - gross for medium - sized pair trawler. The ton - gross influence logistics management of pair trawler; the medium - sized has more effective than the big - sized. Moreover, the other factors that influence logistics management are size of engine, frequency of catching and catching area.

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