

120

RARE

**Utilization of Coastal Shipping in Sri Lanka Compared to
Land Transport**

M.M.P.B.KARUNARATNE

(FGS/02/10/02/2005/25)

ප්‍රභේද අංකය:	1208
වර්ග අංකය:	

**DEPARTMENT OF COMMERCE & FINANCIAL
MANAGEMENT**

FACULTY OF GRADUATE STUDIES

UNIVERSITY OF KELANIYA

2014

ABSTRACT

Though the country, Sri Lanka is surrounded by longer natural and navigable coastal sea line, except small unnavigable part on the north western side of Sri Lanka, there is no any coastal shipping service in operation in order to transport at least the essential commodities from the country's main port Colombo to the other parts of the country or vice versa. This dissertation attempts to unearth facts why this mode of coastal transport does not prevail in the country. As costal shipping does not exist in the country at present, it was felt the necessity of gathering data worldwide in order to strengthen the validity of findings, recommendations, and conclusion. The primary data were collected through a sample survey comprising 150 participants in Western Province of Sri Lanka. Hypothesis testing was the main analytical tool applied to detect any possible relationship between few major aspects related to commodity transportation in Sri Lanka. Chi square test was employed to test the formulated hypotheses. Deductive method and quantitative and qualitative approaches were applied in completion the dissertation.

It was found that there are relationships between, liberalization of cargo handling and its costs, road transportation is liable to road congestion, Cargo carrying vehicles, and pollution cargo carrying vehicles and road maintenance and cargo carrying vehicles, and road accidents.

The researcher's 30 years' experience in the field of shipping, including coastal shipping, contributed vastly for compiling the study. Secondary data were collected from almost all the countries where the coastal shipping is in operation or the countries which attempt to develop coastal shipping as an alternative mode of transport considering the factors: less pollution, less cost, measures to reduce road traffic, minimum accidents etc. Since no coastal shipping is in operation in Sri Lanka, collection of data related it was a major limitation faced by the researcher.

Key Words: Transportation, Commodities, Sri Lanka, Chi square test, and Coastal.