

Abstract

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The Supply Chain Perspective on Slow Steaming

Slow steaming in container liner shipping has emerged since 2008 as a mean to reduce the operating costs and the CO2 emissions of shipping companies. However, despite the financial and environmental benefits that slow steaming brings to the shipping market, supply chains have been impacted by such practice as lead time was lengthened, inventory increased, and production planning became more challenging. Therefore, the purpose of this paper is to investigate the impact of slow steaming on the supply chain performance metrics to determine whether its advantages are extended to benefit the supply chain not. This study is exploratory using semi-structured interviews on a sample of 12 companies from 3 main sectors: manufacturing, imports/exports, and freight forwarders. Purposive sampling is applied as the companies chosen would be involved in imports/exports activities to/from Asia in which slow steam shipping is most likely to occur. The purpose of the semi-structured interviews would be to identify the impact of slow steaming on the supply chain performance metrics of the chosen companies and examine the extent to which the advantages of slow steaming are extended to their supply chains. Keywords: Slow steaming, sustainability, Egypt, supply chain, shippers,