

IMO2020이 해운 환경 기준에 미치는 영향과 선사들의 대응 방안에 대한 연구 *

김동윤^a 대전대학교 물류통상학과 조교수 신학승^b 동의대학교 무역학과 조교수

A Study on the Effects of IMO 2020 on the Enhancement of Shipping Environment Standards and the Countermeasures of Shipping Companies

Dong-Yoon Kim, Hak-Seung Shin

Department of Logistics and Commerce, Daejeon University, South Korea

Received 25 April 2024, Revised 10 May 2024, Accepted 17 May 2024

Abstract

The purpose of this paper is international efforts to reduce the risk factors related to environmental pollution caused by ships in the transportation field, which inevitably occur in the course of international trade, especially in the movement of goods through the sea, have no impact on the overall aspect of trade, such as shipping companies and ports. We would like to proceed with a study to determine whether it will have an effect. This study confirms the standards by analyzing the detailed contents of international regulations and various systems for the protection of the marine environment, and provides an effective response plan to the international environmental standards of domestic shipping companies in the future through technical analysis to meet them, to confirm and present. In accordance with the implementation of IMO2020, economic and technological solidarity with external companies in addition to shipping companies is being brought. In other words, there are LNG-fueled ships suggested as alternatives, the installation of a scrubber as an exhaust gas filter, and the use of low-sulfur oil to maintain the current ship. shall. Of course, in order to achieve environmental objectives, the choice of methods may be different depending on the economic situation of individual shipping companies.

Keywords: Green Shipping, Green House Gas, IMO2020, MRV,

a First author(주저자), E-mail: vitamin@dju.kr

b. Corresponding Author(교신저자), E-mail: itdshs@naver.com