



NO.2018-IMO-03

# KR

KOREAN REGISTER OF SHIPPING

## TECHNICAL INFORMATION

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### Subject : Preparing for implementation of ship fuel oil consumption data collection system (DCS)

In accordance with the amendments of MARPOL(Marine Pollution treaty) Annex VI that were adopted at 70<sup>th</sup> session of the MEPC(Marine Environment Protection Committee), collecting fuel oil consumption data of all ships of 5,000 gross tonnage and above engaged on international voyages is forced from 1 March 2018. Consequently, the ship applicable to the amendments must be verified on the ship fuel oil consumption data collection plan (SEEMP Part II) and report the collected data.

Korean Register is authorized by various flags including Republic of Korea, and plan to provide verification service on SEEMP Part II and reported data.

This technical document provides general explanation of the DCS, a revision of the SEEMP Part II Sample, and information of Korean Register's verification service on SEEMP Part II.

- Below -

#### 1. DCS

- 1) MARPOL ANNEX VI reg. 22 is applied to all ships of 5,000 gross tonnage and above engaged on international voyages. In accordance with the above rule, applicable ship must prepare SEEMP Part II including methodology of data collection and reporting procedure to administration in order to implement DCS. The SEEMP Part II of ship must be verified by administration or recognized organization by 31 December 2018, and issued Confirmation of Compliance (CoC) according to the verification must be kept on board.
- 2) In accordance with the MARPOL ANNEX VI reg. 22A, ship must collect the ship fuel oil consumption data annually on the basis of the SEEMP Part II. And collected data must be reported to the administration or recognized organization using standardized data reporting format by 31 March of every year. After that, the administration or recognized

organization verify the reported data by 31 May of every year, and issue its Statement of Compliance (SoC). This SoC must be kept on board.

## 2. SEEMP Part II Sample(Korean/English version) revision

- 1) We are going to revise and distribute the SEEMP Part II Sample(Korean/English version) that were previously distributed through KR website. Please refer to the attached sample.
- 2) Amendment
  - Added comment of "Deadweight tonnage" for "Table 2.1, Ship's particulars"
  - Added BROB(Bunker Remaining on Board) measuring device information table to section "2.4 Method to measure fuel oil consumption (1),(3),(4)"
  - Modified data reporting process on section "2.7 Procedure that will be used to report the data to the Administration."

## 3. SEEMP Part II verification service

- 1) KR has been granted the right to conduct verification services from each flag authorities, and internal verification procedures development has been completed and verification services application can be done through email(imo.dcs@krs.co.kr). Please see the attached verification service application form which you can also download from the KR website.
- 2) KR is establishing a web-based applying system and application through the website will be able when the system is settled.
- 3) When applying for the verification service, information besides the SEEMP Part II such as ship's particulars, emission source and data measuring instruments should be submitted. Additional submission of documents may be requested in case of necessity.

Attached : SEEMP Part II Sample(Korean/English version) - 1 copy each.  
verification application form - 1 copy. (end).

**Executive Vice President of Technical Division**



Place of delivery : Every surveyors, ship owners, ship builders, relevant industry

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