



## Technical Information

Code: **TI-20-14**

Date: **26.08.2020**

### **Subject: Amendments to MARPOL and the NOx Technical Code enabling use of approved electronic record books**

The International Maritime Organization (IMO) adopted amendments to MARPOL and the NOx Technical Code, which enable use of approved electronic record books, as alternative of hard copy record books under the MARPOL Convention by resolutions MEPC.314 (74), MEPC.316 (74) and MEPC317 (74).

#### **Entry into force Dates:**

This amendments will enter into force from **1st October 2020**, which **allowing** Electronic Record Books (ERBs) to be used instead of hard copy record books.

#### **Descriptions & revised requirements:**

One of the key elements of the MARPOL is the accurate record keeping of movements and/or discharges of shipboard substances and materials that are considered hazardous to the environment, which in the recent amendment of MARPOL and NOx Tech. code are allowed to be used electronic record books (ERBs).

ERB(s) is a software designed to replace the paper record books and facilitate accurate entries into an efficient electronic format, while complying with international Conventions and flag State requirements.

#### ➤ **Covered Record Books:**

The following record books are covered by the MARPOL annexes:

1. Oil Record Book, part I (MARPOL Annex I, Regulation 17.1)
2. Oil Record Book, part II (MARPOL Annex I, Regulation 36.1)
3. Cargo Record Book (MARPOL Annex II, Regulation 15.1)
4. Garbage Record Book, parts I and II (MARPOL Annex V, Regulation 10.3)
5. Ozone-depleting Substances Record Book (MARPOL Annex VI, Regulation 12.6)
6. Recording of the tier and on/off status of marine diesel engines (MARPOL Annex VI, Regulation 13.5.3)
7. Record of Fuel Oil Changeover (MARPOL Annex VI, Regulation 14.6)
8. Record Book of Engine Parameters (NOx Technical Code, Para. 6.2.2.7)

#### ➤ **Software Approval**

The ERB(s) require approval by the flag administration based on the guidelines for the use of electronic record books under MARPOL with resolution MEPC.312 (74), which must include the following:

- ✓ Ability to meet MARPOL regulations
- ✓ System updates
- ✓ Security
- ✓ Accountability
- ✓ Data storage

Note for Owner/ Manager

- Based on the above mentioned resolutions, Owner and Manager of ships shall know that the use of electronic record books is not mandatory and solely allowed them to use ERB(s) instead of hard copies and when the approved ERB(s) is going to be used on board a ship, the administration will issue a **Declaration of MARPOL Electronic Record Book(s)** which must be kept on board (to present to duly authorized officials).
- It is necessary to mention, **the procedures related to the use of ERB(s) must be documented in the SMS manual.**

For any questions about this Technical Information, please contact:

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