



TECHNICAL INFORMATION

36 Myeongji ocean city 9-ro,
Gangseo-gu, Busan, 618-814
Republic of Korea

Phone: +82-70-8799-8323
Fax : +82-70-8799-8339
E-mail: convention@krs.co.kr
Person in charge: Kwonwoo, Lee

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Subject: Procedure for the Use of Electronic Record Books under MARPOL Convention

THE MARINE ENVIRONMENT PROTECTION COMMITTEE(hereinafter referred to as "MEPC") adopted Guidelines for the use of electronic record books under MARPOL, the text of which is set out in the Res.MEPC.312(74), as a relevant non-mandatory instruments at its seventy-fourth session.

From 1 October 2020, IMO amendments to MARPOL Annexes I, II, V, VI and the NOx Technical Code 2008 are permitting the use of electronic record books in lieu of hard copy records.

All manufacturers, owners, operators who want to use MARPOL electronic record books should note the below specific procedures and pay sharp attention in order to comply with the MARPOL requirements.

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1. Record Books Covered

The IMO amendments and guidelines apply to the following record books:

- √ Oil Record Book, parts I and II (MARPOL Annex I, regulations 17.1 and 36.1);
- √ Cargo Record Book (MARPOL Annex II, regulation 15.1);
- √ Garbage Record Book, parts I and II (MARPOL Annex V, regulation 10.3);
- √ Ozone-depleting Substances Record Book (MARPOL Annex VI, regulation 12.6);
- √ Recording of the tier and on/off status of marine diesel engines (MARPOL Annex VI, regulation 13.5.3);
- √ Record of Fuel Oil Changeover (MARPOL Annex VI, regulation 14.6); and
- √ Record Book of Engine Parameters (NOX Technical Code, paragraph 6.2.2.7).

2. Approval of New and Existing Electronic Record Books

- 1) To be used to comply with these record keeping provisions, new and existing installations of electronic record books shall be approved by the flag Administration or KR authorized by it.

- 2) Especially, all vessels having certificates of MARPOL issued and/or endorsed by KR, for approval of new and existing electronic record books, should be approved by the flag Administration or KR authorized by it, if owners and operators requested.
- 3) Where KR is carrying out the approval, it will consist of type approval or conformity of assessment for the software and a subsequent installation physical survey on board, to implement the IMO's Guidelines for the Use of Electronic Record Books under MARPOL(Resolution MEPC.312(74)).
- 4) Any ship choosing to use MARPOL electronic record books is required to carry a ship-specific Declaration, that confirms the installation meets the requirements of the IMO guidelines. The Declaration may be issued by the flag Administration or KR authorized by it.

3. Specific procedures and fees for approval of MARPOL electronic record books

Approval of electronic record books may be composed of :

- Type approval or conformity of assessment for the software program
: Cyber Certification Team(cyber@krs.co.kr)
- Type approval for hardware, if required.
: Marine & Ocean Equipment Team(equipment@krs.co.kr)
- Carrying the physical survey on board to the installation and function
: Surveyor in charge of branch office
- Issuing Declaration of MARPOL Electronic Record Book
: Surveyor in charge of branch office

Fees for approval and physical survey may be charged separately at each step or in a lump.

4. Remark

- 1) Documents approved by other Societies or organizations shall be reviewed or re-approved by KR as per KR policy. In case of above, the fees for review or re-approval may be applied differently, taking into consideration the results and amounts of data to be submitted.
- 2) Although guidelines for the use of electronic record books under MARPOL requirements only exist in the Resolution MEPC.312(74), KR is possible to approve a limited to any case where a relevant provision or regulation that record book may be an electronic record system is cited under applicable Convention, if shipowners or operators of ships requested to use electronic record books as well. (e.g., Ballast Water Record Book (BWM Convention regulation B-2), etc.)

- The end -

Attachments

- Resolution MEPC.312(74)
- 2020 Guidelines for Electronic Record Books Approval

- 2020 Guideline for Computer-based System Conformity Assessment

Distributions : KR surveyors, Ship owners, Other relevant parties

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