



TECHNICAL INFORMATION

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Subject: Measures to be taken where the EPIRB, VDR and S-VDR suitable for the latest IMO performance standards cannot be installed on board

The International Maritime Organization adopted Resolution MSC.471(101), 493(104) and 494(104), amended IMO performance standards for EPIRB(Emergency Position Indicating Radio Beacon), VDR(Voyage Data Recorder) and S-VDR(Simplified Voyage Data Recorder). Although, according to these resolutions, the amended performance standards should apply to equipment installed on or after 1 July 2022 on board, until recently, it is found that there is no equipment approved according to these IMO performance standards in the market. In this regard, this classification society would like to inform the below measures to be taken where such new equipment cannot be installed on board through this technical information.

1. Main revised contents of IMO Performance standards and Application date

1.1 For EPIRB : Resolution MSC.471(101)

- Additional function for transmitting AIS locating signal and GNSS(ex. GPS) receiver

1.2 For VDR : Resolution MSC.494(104)

- The float-free recording medium, one of the final recording medium, should be installed in a float-free capsule which should be so constructed as to comply with the requirements specified in Resolution MSC.471(101), which is amended IMO performance standards for EPIRB.

1.3 For S-VDR : Resolution MSC.493(104)

- The final recording medium should be installed in a protective capsule of either a fixed or float-free type, and the float-free type protective capsule should be so constructed as to comply with the requirements specified in Resolution MSC.471(101), which is amended IMO performance standards for EPIRB.

1.4 Application date : Equipment installed on or after 1 July 2022

2. Measures to be taken where the equipment suitable for the amended IMO performance standards cannot be installed on board

2.1 Unless it is necessary to replace immediately the EPIRB or VDR/S-VDR installed on board due to malfunction, it should be maintained use of the existing equipment.

2.2 Although it is necessary to newly install/replace the EPIRB or VDR/S-VDR on or after 1 July 2022, if the equipment suitable for above mentioned new IMO performance standards is not available, one of the followings may be applied for installation of equipment suitable for the previous IMO performance standards. And occasional survey from this classification society is necessary for the replacement.

.1 If there is a relevant instruction from flag Administration, it should be applied.

.2 If there is no relevant instruction from flag Administration, relevant IACS Unified Interpretations, i.e. IACS UI SC 295(for EPIRB) and UI SC 261/Rev.1(for VDR), may be applied.

- For the ship which the date of building contract is before 1 July 2022, the equipment suitable for the previous IMO performance standards can be installed, if a contractual delivery date for the equipment is before 1 July 2022 or, in the absence of a contractual delivery date, the actual delivery of the equipment to the ship is before 1 July 2022.

.3 If above 2.2.1 and 2.2.2 are not applicable, the ship-owners/operators should request approval from the ship's flag Administration for installation of equipment suitable for the previous IMO performance standards. And if any, further instruction from Administration should be followed.

- It is applicable to ships which the date of building contract is on or after 1 July 2022, or even if the date of building contract is before 1 July 2022, the contractual delivery date or actual delivery date of the equipment is after 1 July 2022.

- When request to flag Administration, it is necessary to submit the ship's current status and the documentary evidence for the reason why the equipment suitable for the new IMO performance standards cannot be installed on board.

2.3 Where measures have taken according to procedures in 2.2 above, for preparing PSC inspection and others, the relevant documentary evidence should be kept on board as long as the equipment is used.

[The end]

* Enclosure: Res.MSC.471(101), Res.MSC.493(104), Res.MSC.494(104), IACS UI SC 295 and UI SC 261/Rev.1

* Distributions: KR surveyors, Ship owners, Other relevant parties

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