

# Navigation Bridge Systems

## Amended Rules and Guidance

Rules for Navigation Bridge Systems

Guidance for Navigation Bridge Systems

## Reason for Amendment

The ClassNK Rules classify ships to which the Rules for Navigation Bridge Systems are applied into three types according to their respective equipment: BRS, BRS1 and BRS1A.. The requirements for these ship types have not been fundamentally reviewed since they were amended to specify requirements for BRS1A ships in 1997.

Since 1997, however, IMO has established some non-mandatory recommendations specifying the performance standards for the equipment required by the Rules for Navigation Bridge Systems, and the relevant ClassNK requirements have been applied in reference to these recommendations.

Accordingly, relevant requirements regarding the performance standards for navigation bridge systems were amended in consideration of the actual results of their application over the years as well as of knowledge obtained through recent research and development. This is being done as part of a comprehensive review of the ClassNK Rules.

## Outline of Amendment

The main contents of this amendment are as follows:

- (1) Amended requirements regarding the performance standards for automatic radar plotting aids (ARPA) to comply with the performance standards specified in *IMO Resolution A.823*.
- (2) Amended requirements regarding the performance standards for heading control systems (HCS) to comply with the performance standards specified in *IMO Resolution MSC.64(67)*.
- (3) Amended requirements regarding the performance standards for bridge navigation watch alarm systems (BNWAS) to comply with the performance standards specified in *IMO Resolution MSC.128(75)*.
- (4) Amended requirements regarding the performance standards for electronic chart display and information systems (ECDIS) to comply with the performance standards specified in *IMO Resolution MSC.232(82)*.
- (5) Amended requirements regarding the performance standards for track control systems (TCS) to comply with the performance standards specified in *IMO Resolution MSC.74(69)*.

## Amended Requirements

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2.2.2, 2.3.2, 4.2.2, 5.2.1, 5.2.2, 6.2.1, 6.2.3, 6.2.4

Guidance for Navigation Bridge Systems

2.2.2, 2.2.3, 2.2.4, 4.2.2, 5.2, 6.2.3, 6.2.4