



GUIDELINES CHANGE NOTICE No.1

October 2022

Part 4 Special Equipment and Systems

Volume 2

GUIDELINES FOR THE BRIDGE ARRANGEMENT AND EQUIPMENT ON SEAGOING SHIPS

2022

Biro Klasifikasi Indonesia

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Foreword

This Guidelines Change Notices (GCN) No. 1 provide amendment and corrigenda to the [Guidelines for the Bridge Arrangement and Equipment on Seagoing Ships \(Pt.4, Vol.2\) 2022 Consolidated Edition](#) along with effective date from which these changes are applicable.

Amendments to the preceding edition are marked by strikethrough, red color, and expanded text. These new additions and amendments are to be read in conjunction with the requirements given in the 2022 consolidated edition of the Guidelines.

The summary of current amendments for each section including the implementation date are indicated in ***Table 1 - Amendments Incorporates in This Notice.***

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Any quires or comments concerning these Guidelines are welcomed through communication with BKI Head Office.

Guidelines Changes Notice No. 1 – October 2022

Table 1 – Amendments Incorporates in This Notice

These amendments will come into force as indicated in the Table

Paragraph	Title/Subject	Status/Remark
Section 1 – General Regulations and Information		
<i>The amendments are effective from 1 January 2023</i>		
A.	Scope	
A.3.1	Reference documents	To add standards for reference according to IACS Rec. 95
Section 4 – Bridge Equipment		
<i>The amendments are effective from 1 January 2023</i>		
A.	General	
A.2	-	Corrigenda
B.	System Requirements	
B.1	Class Notation NAV-O	To add standard for reference of ECDIS according to IACS Rec. 95

Section 1 General Regulations and Information

A. Scope

3. Regulations, rules, standards

3.1 Reference documents

3.1.1 Mandatory regulations:

- International Convention for the Safety of Life at Sea, 1974, as amended – here V/12, 15, 19, 20, 22, 24, 25, 27, 28;
- International Regulations for Preventing Collisions at Sea (COLREG), 1972 as amended;
- IMO MSC.252(83) Adoption of the revised performance standards for integrated Navigation systems (INS);
- MSC.191(79) Performance standards for the presentation of navigation-related information on shipborne navigational displays;
- A.694(17) General requirements for shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) and for electronic navigational aids;
- MSC.128(75) Performance Standards for Bridge Navigational Watch Alarm systems (BNWAS);
- IMO Res. A.1021(26) Code on alerts and indicators;
- IEC Test Standards, IEC 872, 936, 1023, 60945 **ed.4 2008**, 61924, 62288 and 61162 as amended;

3.1.2 Non-mandatory guidelines (except parts thereof which are explicitly mentioned in [Section 2-4](#) of these Guidelines):

- MSC/Circ.982 Guidelines on Ergonomic Criteria for Bridge Equipment and Layout;
- IACS Recommendation No.95 for the Application of SOLAS Regulation V/15 – Bridge Design, Equipment Arrangement and Procedures (BDEAP);
- ISO 8468 Ship's bridge layout and associated equipment - Requirements and guidelines;
- SN.1/Circ.265 Guidelines on the application of SOLAS V/15 to INS, IBS and bridge design;
- SN.1/Circ.288 Guidelines for bridge equipment and systems, their arrangement and integration (BES);
- **IEC 61174 2015 Electronic Chart Display and Information System (ECDIS) – Operational and performance requirements, methods of testing and required test results.**

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Section 4 Bridge Equipment

A. General

2. With reference to SOLAS V/18.1 required navigational systems and equipment shall be of a type approved by the Administration. Navigational systems for Class Notation **NAV-OC** shall be of a type approved by the Administration according to the related standards¹.

B. System Requirements

1. Class Notation NAV-O

In addition to SOLAS carriage requirements, the ship shall be fitted with:

- Second Electronic Position Fixing System (EPFS – e.g. GPS, GLONASS, GALILEO, etc.)
- Central alert management system including alarm transfer system
- Electronic Chart Display and Information System - ECDIS and back-up ECDIS (see IEC 61174 Annex G for further details about ECDIS Back-up)
- Second gyro compass, ships of 10000 GT and upwards
- Heading control system (HCS)
- Weather information system
- Wind speed and direction indicator

----- end -----

¹ IMO Res.A.694(17), IMO Res. MSC.191(79), IMO Res. MSC.252(83), IEC 60945, IEC 61162 Series, IEC 61924-2, IEC 62288