

GUIDE FOR

BRIDGE DESIGN AND NAVIGATIONAL EQUIPMENT/SYSTEMS JANUARY 2000

NOTICE NO. 5 – May 2018

The following Changes were approved by the ABS Rules Committee on 1 May 2018 and become **EFFECTIVE AS OF 1 MAY 2018.**

(See <http://www.eagle.org> for the consolidated version of the Guide for Bridge Design and Navigational Equipment/Systems 2000, with all Notices and Corrigenda incorporated.)

Notes - The date in the parentheses means the date that the Rule becomes effective for new construction based on the contract date for construction. (See 1-1-4/3.3 of the ABS Rules for Conditions of Classification (Part 1).)

PART C REQUIREMENTS FOR NOTATION NBLES (NAVIGATION BRIDGE LAYOUT AND EQUIPMENT/SYSTEMS)

C13 Navigational Systems

C13.8 Watch Monitoring and Alarm Transfer System

(Revise Subparagraph C13.8.2, as follows:)

C13.8.2 Alarm Transfer System

- a **General** (December 2003): A fixed alarm transfer system is to be provided and connected to all vessel navigating officers' cabins and public rooms.
- b **Transfer of Alarms** (1 May 2018): Alarms per the "Remark" column of item B17, **a** through **h**, in Table C1 are to be automatically transferred to the master's cabin if not acknowledged at the bridge within 30 seconds. Additionally, a selector switch is to be provided in the event the master deems it necessary to also transfer the aforementioned alarms to the selected back-up navigator's cabins and public rooms.
- c **Back-up Navigator Call-alarm:** Provisions are to be made at the bridge to activate the back-up navigator call-alarm. This alarm is to be audible in all the spaces described in C13.8.2b. The fixed installation required under C13.8.2a may serve this purpose.
- d **Portable Communication Device** (1 May 2018): A wireless portable device allowing two-way communication with the officer of the watch is to be provided for use by the back-up navigator when attending locations not connected to the fixed installation.

TABLE C1 – Navigational Equipment for NBLES Notation (1 May 2018)

(Revise Item A28, as follows:)

Workstation for	Main functions to be performed	Item	Equipment	Remarks
Navigation and Traffic Surveillance/ maneuvering		A28	Search light controls	<i>(1 May 2018)</i> e.g., searchlight on/off switch

PART D REQUIREMENTS FOR NOTATION NIBS (NAVIGATIONAL INTEGRATED BRIDGE SYSTEM)

(Add new Paragraph D3.1, as follows:)

D3 Integrated Bridge System (IBS)

An integrated bridge system (IBS) is to be provided and is to comply with IMO SN.1/Circ.288 – *Guidelines for Bridge Equipment and Systems, Their Arrangement and Integration (BES)*. For the purpose of this Guide, the integrated bridge system pertains only to aspects dealing with navigational, monitoring/alarming and communication functions as covered in this Guide. The integrated navigation system is to be so arranged that failure of one sub-system does not affect any other sub-system. In case of failure of the integrated navigation system it is to be possible to operate the primary bridge navigational equipment/systems functions separately.

D3.1 Dimmer Control (1 May 2018)

An individual dimmer control is acceptable in lieu of a single central dimming functionality called for by the Guidelines (IMO SN.1/Circ.288) provided the number of the individual dimmer control switches is minimized as far as practicable.