



RUSSIAN MARITIME REGISTER OF SHIPPING

URGENT RULE CHANGE NOTICE No. 311-05-2034 dated 11.09.2024

Entry-into-force date:

From the date of publication

Re: amendments to the Rules for the Classification Surveys of Ships in Service with Annexes, ND No. 2-020101-012-E

The requirement for annual measurement of the value of total harmonic distortion of ships where harmonic filters are not installed on main busbars of electrical distribution system has been deleted.

Instructions on application:

Apply the provisions of the Notice during survey of ships requested for survey on or after 11.09.2024.

Director General

Sergey A. Kulikov

Person in charge: Dmitry S. Mostovshchikov 311 +7 (812) 312-11-00

**AMENDMENTS
TO THE RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE (01.07.2024)>**

REVISION HISTORY

Item	Applied to	Description	Remarks
Part II, para 2.2.7.11	Ships in service Annual surveys Electrical equipment	The requirement for annual measurement of the value of total harmonic distortion of ships where harmonic filters are not installed on main busbars of electrical distribution system has been deleted	IACS UR E24 (Rev 1, Dec 2018) Entry-into-force date: 11.09.2024

PART II. SURVEY SCHEDULE AND SCOPE

2 PERIODICAL SURVEYS

2.2 ANNUAL SURVEY

Para 2.2.7.11 is amended as follows:

"2.2.7.1 Values of the total harmonic distortion of ships where harmonic filters are installed on ~~the~~ main busbars of electrical distribution system shall be measured annually on board the ship under seagoing conditions according to the methods given in Appendix 10 to Section 10 of the Guidelines on Technical Supervision of Ships under Construction. The date of measurements shall be as close to the annual survey as possible so as to provide the RS surveyor with the information about the total harmonic distortion on the main busbars of electrical distribution system. The total harmonic distortion shall be measured in operating mode with the greatest amount of distortion. Based on the measurement results, an entry showing which equipment was running and/or filters in service shall be recorded in the engine log book. The measurement results shall be stored on board the ship for at least 5 years and shall be made available at the next periodical survey. The results may be submitted and stored both in hard copy and electronic format. The total harmonic distortion shall be measured following any modification to the ship's electric power plant or ship's electric power users comprising semi-conductor convertors. Measurements shall be taken by a qualified technical crew personnel or an outside organization. Records of the measurements taken shall be made available upon request of the RS surveyor at each periodical survey."