

Subject :

Amendment of
Rules for the Survey and Construction of
Steel Ships and Other Rules (English Version)

NKTECHNICAL INFORMATION

No. : 179

Date : 1st April, 1996

To Shipowners and Shipbuilders concerned

PLEASE BE INFORMED THAT the Rules for the Survey and Construction of Steel Ships and Other Rules have been amended in 1st April, 1996, and will come into force on 1st July, 1996.

It will not be long before the above mentioned Rules and Guidance are published.

1. Spare parts

It was clarified that no spare part for prime mover to drive a emergency generator is to be required. It was altered that for ships with a Class Notation of "Coasting Service" or "Smooth Water Service" or equivalent, no spare part for 2 or more diesel engines or steam turbines for main propulsion or to drive main generators is to be required, respectively.

2. Guidance for radio installations

The Society has developed the Guidance for Radio Installations which specify requirements of radio installations in detail in accordance with the provisions of the current SOLAS Convention concerning GMDSS:

- tests and measurements at Registration Survey and Special Survey;
- performance standards of radio installations as per IMO Resolutions;
- maintenance requirements;
- calculation of reserve source of energy.

3. Testing requirements for machinery at periodical surveys

Concerning testing requirements for machinery at periodical surveys, there were small differences between English edition and Japanese edition. And there were also some vague expression in English edition. So the Society has amended English edition to be in line with Japanese edition and to have some explanatory expression for vague parts.

ClassNK

NIPPON KAIJI KYOKAI
4-7, KIOI-CHO, CHIYODA-KU,
TOKYO 102, JAPAN.

TEL : 03-3230-1201
FAX : 03-3230-3524
TELEX : 22975 CLASSNKJ
2324280 CLASNKJ
CABLE : CLASSNK TOKYO

4. Pressure relief valves with non-metallic membranes for cargo tanks of ships carrying liquefied gas in bulk

The requirement for the renewal intervals for non-metallic membrane of pressure relief valves fitted to cargo tanks of ships carrying liquefied gas in bulk has been amended so that it may be specially considered by the Society according to the results of prototype tests concerning to strength and durability. Then surveys for such non-metallic membrane are to confirm their soundness of service conditions including actual renewal intervals not exceeding approved intervals.

5. Propeller shafts made of stainless steel and propeller shafts driven by high speed diesel engines

The requirements have been amended so that propeller shafts made of the materials which are verified in their corrosion resistance from the assessment can be treated as propeller shaft Kind 1.

6. Rules for automatic and remote control system

Safety measures and so on (monitoring, automatic stopping, automatic slow down, alarms, automatic starting of standby pumps) for main diesel engines and auxiliary diesel engines driving a generator are provided in the Rules and the Guidance taking IACS Unified Requirements M35 and M36 into consideration. IACS URs have been amended recently, so the Society have reviewed requirements concerning safety measures and so on taking amended M35 and M36 into consideration.

7. Rules for testing machines

English edition of rules for inspection and certification of material testing machines including tensile testing machine, compression testing machine, impact testing machine, hardness testing machine, etc. have been newly established.

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