Characteristics of Governors for the Prime Movers of Generators

Amended Rules and Guidance
Rules for the Survey and Construction of Steel Ships Part H
Rules for the Survey and Construction of Inland Waterway Ships
Guidance for the Survey and Construction of Steel Ships Part H
Guidance for the Survey and Construction of Inland Waterway Ships

Reason for Amendment
With regard to throw-on tests of rated loads to confirm the characteristics of governors for the prime movers of main generators, IACS Unified Requirement (UR) M3(Rev.5) specifies values for throw-on loads, based upon ISO standards, for cases where throw-on methods consisting of more than two steps are used.

Recently, the aforementioned ISO standards were updated; IACS, therefore, reviewed and amended the UR so remain consistent with these standards. The amended UR was adopted as IACS UR M3(Rev.6) in November 2018.

Accordingly, relevant requirements were amended based upon IACS UR M3(Rev.3).

In addition, requirements related to the characteristics of governors for the prime movers of main generators stipulated in the ClassNK Guidance were moved to the ClassNK Rules. This was 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) Specified the values for throw-on loads to be used when the throw-on tests of rated loads are performed in more than four steps for governors for the prime movers of main generators.
(2) Relocated the requirements specified in the ClassNK Guidance for the characteristics of the governors for the prime movers of main generators to the ClassNK Rules.

Amended Requirements
Rules for the Survey and Construction of Steel Ships
Part H: 2.4.2, Fig. H2.1
Rules for the Survey and Construction of Inland Waterway Ships
Part 8 2.4.2, Fig. 8.2.1
Guidance for the Survey and Construction of Steel Ships
Part H: H2.4.2
Guidance for the Survey and Construction of Inland Waterway Ships
Part 8 2.4.2