

Establishment of the “Rules for the Survey and Construction of Governmental and Naval Ships”

Established Rules

Rules for the Survey and Construction of Governmental and Naval Ships

Reasons for Establishment

During the overseas transfer of defense equipment including governmental and naval ships and their onboard machinery, the equipment may be subject to third-party quality inspections etc. Under these circumstances, the stakeholders concerned requested the society to develop standards for conducting third-party certification of governmental and naval ships and their onboard equipment.

On the other hand, “Rules for the Survey and Construction of Steel Ships” etc. include the provisions as mandatory requirements in accordance with the International Conventions such as SOLAS, MARPOL, etc., whose scope of application excludes governmental and naval ships owned by governmental organizations which are in charge of the military defense in principle.

Accordingly, ClassNK has decided to establish “Rules for the Survey and Construction of Governmental and Naval Ships”.

Outline of the established Rules

- (1) The Rules apply to governmental and naval ships owned by governmental organizations which are in charge of the military defense of a country, etc.
- (2) The Rules mainly apply to governmental and naval ships having lengths of 24 m or greater for which main hull is constructed in steel, aluminium alloys or FRP, and for which the hull form is mainly of a monohull displacement type.
- (3) The Rules are constituted of the following twelve parts in order to cover the survey and construction of governmental and naval ships holistically.
 - Part 1 General Rules
 - Part 2 Class Surveys
 - Part 3 Materials and Welding
 - Part 4 Subdivisions and Stability
 - Part 5 Hull Construction
 - Part 6 Hull Equipment
 - Part 7 Machinery Installations
 - Part 8 Electrical Installations
 - Part 9 Fire Safety
 - Part 10 Safety Equipment, Navigational Equipment, Radio Installations and Accommodation Facilities, etc.
 - Part 11 Marine Pollution Prevention Systems, etc.
 - Part 12 Safety Assessments
- (4) The survey requirements and the technical requirements in Part 2 to Part 8 which are based on the current “Rules for Survey and Construction of Steel ships”, etc., apply to governmental and naval ships mandatorily. The survey requirements include Condition Based Maintenance Schemes (CBM) as one of the options for Planned Machinery

Surveys. Furthermore, requirements on systems for reduction of in-water noise, measures for electro-magnetic interference, enhanced firefighting systems for damage control in emergency situations, etc. are added.

- (5) The provisions in Part 9 to Part 11 based on the International Conventions such as SOLAS, MARPOL, etc. apply to governmental and naval ships optionally.
- (6) The provisions in Part 12 are provided in order to specify procedures for assessing and demonstrating the equivalency or degree of improvement of the performance of items which do not come under or are not applicable to the provisions in each Part of the Rules.