

Preventive Maintenance Systems and Survey Systems Based on the Results of Condition Monitoring

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part B
Rules for High Speed Craft
Rules for Preventive Machinery Maintenance Systems
Guidance for the Survey and Construction of Steel Ships Part B
Guidance for High Speed Craft
Guidance for Preventive Machinery Maintenance Systems

Outline

Preventive machinery maintenance systems (hereinafter, referred to as “PMM”) mean systems provided for preventive maintenance of machinery, including condition monitoring and diagnosis systems and maintenance management systems for main propulsion machinery, power transmission systems and generators. Not only have these rules not been amended since 1994 when they were established, but the ships with PMM notation only include steam turbine ships. The relevant rules for PMM are amended so as to include recent technology and systems; expanding the scope of application to include diesel ships.

The rules regarding the Planned Machinery Maintenance Scheme (PMS), Part B of the Rules for the Survey and Construction of Steel Ships, have been amended in January 2006 so that the inspection interval of machinery, equipment and parts provided with the condition monitoring system may be prolonged until an abnormality is observed as a result of the analysis of the monitored condition. Accordingly, the scope of PMS now overlaps with that of the Preventive Machinery Maintenance Scheme (hereinafter, referred to as “PMMS”) which maintains machinery, equipment and parts based on periodical condition monitoring and diagnosis. Therefore, the requirements for PMMS have been consolidated into PMS.