

Continuous Machinery Survey (CMS)

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part B
Guidance for High Speed Craft

Reason for Amendment

- (1) In April 2008, the requirements related to the procedure and timing of the confirmatory survey were amended. Therefore, the relevant requirements for high speed craft are amended to bring them in line with the aforementioned amendments.
- (2) Under the current requirements related to CMS, confirmation of the records of the open-up examinations (hereinafter referred to as “confirmatory surveys”) of diesel engines used for main generators independently carried out by chief engineers can, in principle, replace those open-up examination performed in the presence of Surveyors. However, an open-up examination in the presence of a Surveyor required for at least one of the diesel engines used for driving main generators.
The above requirements first came into effect in 1981. In the years since their adoption, the reliability of equipment, etc. has been improved to the extent that is no difference in the rates of damage for those diesel engines checked by open-up examinations carried out in the presence of Surveyors and those diesel engines checked by independent open-up examinations carried out by chief engineers.
Under normal conditions, in cases where multiple units of diesel engines used for main generators have been fitted onto ships, sufficient system redundancy can be guaranteed. Therefore, the relevant requirements are amended to allow confirmatory surveys to be carried out on all diesel engines used for main generators in cases where multiple units of such installations are fitted on ships.
- (3) In order the further clarify the methods for conducting a CMS, the wording of the requirements related to confirmatory surveys is revised.

Outline of Amendment

- (1) The requirements related to the CMS of the Guidance for High Speed Craft are amended as follows:
 - (a) It is amended that confirmatory surveys may be performed from the date of the overhaul and inspection by the Chief Engineer to the timing of periodical surveys.
 - (b) The next due date has been changed to the 5 year period from the date of the overhaul and inspection by the Chief Engineer.
 - (c) The confirmation of the Chief Engineer’s profile by the Surveyor in the confirmatory survey has been stipulated.
- (2) With respect to CMS, the requirements are amended to allow confirmatory surveys to be carried out on all diesel engines used for driving main generators in cases where multiple units of such engines are fitted.
- (3) The wording of the requirements related to confirmatory surveys is revised.