

# **The Standard Criteria for Lubricating Oil in Propeller Shaft Condition Monitoring System (PSCM) Surveys**

## **Amended Guidance**

Guidance for the Survey and Construction of Steel Ships Part B

## **Reason for Amendment**

Propeller Shaft Condition Monitoring System (PSCM) Surveys, through the monitoring and periodic analysis/diagnostic checking of propeller shaft lubricating oil, allow for well-thought-out decisions to be made regarding the timing of the drawing out of propeller shafts for inspection. This is why the number of ships adopting PSCM Survey has been increasing yearly

The technical requirements related to the criteria for the parameters of lubricating oil in PSCM Surveys is stipulated by IACS Recommendation No.36 and includes some NK original requirements.

However, with respect to these requirements, relevant industries have requested that NK be flexible regarding lubricating oil analysis items and give consideration to the management conditions of such oils. For this reason, NK conducted an investigation into cases of propeller shaft bearing damage related to the management of lubricating oil reported in recent years, and tightened up the standard criteria for necessary lubricating oil analysis items as needed.

Accordingly, the relevant requirements have been amended accordance with the results of the aforementioned investigation.

## **Outline of Amendment**

Relevant requirements related to the Standard Criteria for Lubricating Oil in Propeller Shaft Condition Monitoring System (PSCM) Surveys have been amended.