

Subject

Amendments to the Guidance related to the Application of Planned Machinery Surveys (CMS, PMS)

# **ClassNK**

## ***Technical Information***

No. TEC-0941

Date 18 January 2013

To whom it may concern

Recently, there has been an increase in the number of ships using low-sulphur fuel oil to reduce the content of SO<sub>x</sub> in diesel engine exhaust gas. However, it is known that such fuel oils have a potential problems caused by its property such as low viscosity. To prevent degrading the performance of engine, some ships have applied fuel oil coolers to lower the temperature of low-sulphur fuel oil in order to increase its viscosity.

In response to the above, Part B of the Guidance for the Survey and Construction of Steel Ships has been amended to add fuel oil coolers to the list of items that are required to be inspected during Planed Machinery Surveys (CMS, PMS). The relevant amendment (Amendment No.1 of 2012, 15 June 2012) is attached for your reference. This amendment took effect on 15 December 2012.

Please note that not only new ships, but existing ships have already equipped with fuel oil coolers are also covered by this amendment. The owners are kindly requested to inform accordingly to ClassNK surveyor at the time of class survey to add fuel oil coolers to the relevant survey plans. ClassNK surveyor also confirm, if such equipment is installed on board the ship.

For any questions about the above, please contact:

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Attachment:

1. GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS, Part B Class Surveys, 2012 AMENDMENT NO.1

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# **GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS**

**Part B**

**Class Surveys**

**GUIDANCE**

**2012 AMENDMENT NO.1**

Notice No.43      15th June 2012

Resolved by Technical Committee on 10th February 2012

## **B9 PLANNED MACHINERY SURVEYS**

### **B9.1 Planned Machinery Surveys**

#### **B9.1.2 Continuous Machinery Surveys (CMS)**

Sub-paragraph -1 has been amended as follows.

##### **1 Application of CMS**

- (1) (omitted)
- (2) Auxiliaries prescribed in item 5 of **Table B9.1, Part B of the Rules** are as follows:
  - ((a) to (g) are omitted)
  - (h) Coolers
    - Main fresh water coolers (for cylinder jackets and pistons), F.O. valve cooling fresh water / oil coolers, fresh water coolers for turbochargers, cooling fresh water coolers for generator engines, F.O. coolers, main L.O. coolers, turbocharger L.O. coolers, camshaft L.O. coolers, reduction gear L.O. coolers, hydraulic oil coolers, coolers for C.P.P., stern tube L.O. coolers, and coolers for generator turbines
  - ((i) to (o) are omitted)

Sub-paragraph -5 has been amended as follows.

##### **5 Substitution for open-up examinations**

The machinery and equipment listed below may be exempt from open-up examinations if they are found to be in satisfactory condition by carrying out the examinations listed and examining records such as the logbooks. However, when defects are found during the examinations, or if the maintenance condition is judged to be questionable as a result of examining the logbooks or other records, open-up examinations may be required.

- (1) (omitted)
- (2) Oil tanks, F.O. coolers and oil heaters
  - Visual examinations of general conditions
- (3) (omitted)
- (4) (omitted)

## EFFECTIVE DATE AND APPLICATION (Amendment 1-6)

- 1.** The effective date of the amendments is 15 December 2012.
- 2.** Notwithstanding the amendments to the Guidance, the current requirements may apply to the surveys for which the application is submitted to the Society before the effective date.