

Subject

Amendments to the Guidance on the Confirmatory Survey of Continuous Machinery Survey (CMS)

ClassNK

Technical Information

No. TEC-0731
Date 28 April 2008

To whom it may concern

To implement Continuous Machinery Survey (CMS), certain survey items may be credited by the overhaul and inspection done by the Chief Engineer of the ship. In this case, "Confirmatory Survey" is required to confirm the records of inspection by the Chief Engineer and the condition of the items.

Relevant requirements to this "Confirmatory Survey" in Part B of "Guidance for the Survey and Construction of Steel Ships" have been revised by Amendment No.2 of 2008 dated 18 April 2008 as shown in the Attachment and will be implemented from 1 May 2008.

Outlines of these amendments are:

1. The timing of Confirmatory Survey has been revised from "within 5 months from the date of the inspection by the Chief Engineer" to "by the timing of next periodical survey";
2. The next due date has been changed to the 5-year period from the date of the inspection by the Chief Engineer;
3. Confirming the Chief Engineer's profile by the Surveyor at the Confirmatory Survey has been specified.

With reference to the above amendments, ClassNK would like to advise the owners of the ships that:

1. Confirmatory Survey was required to be carried out within the due dates of the items and also within 5 months from the date of the inspection by the Chief Engineer. By implementation of the amendment, it may be carried out "by the timing of a next periodical survey" even after the due dates of the items. It does not mean that the inspection by the Chief Engineer can be done by the timing of the next periodical survey after the due dates of the items.

The survey status of the item which is not credited within the due date is changed as "Chief Engineer's report to be confirmed by the next class periodical survey." after the due date;

2. The next due date of the item was the day of 5 years from the date of Confirmatory Survey regardless the date of the inspection. By implementation of the amendment, it will be changed to the day of 5 years from the date of the inspection regardless the date of Confirmatory Survey. The due date will be set up as the end of the month of 5 years from the month of the Confirmatory Survey.

(In case the date of the inspection by the Chief Engineer is "14 May 2008", the next due date will be set up as "31 May 2013").

And all present due dates of all CMS items will be changed to the end of the month

(In case the present due date of the item is "14 May 2008", it will be changed to "31 May 2008".);

(To be continued)

NOTES:

- ClassNK Technical Information is provided only for the purpose of supplying current information to its readers.
- ClassNK, its officers, employees and agents or sub-contractors do not warrant the accuracy of the information contained herein and are not liable for any loss, damage or expense sustained whatsoever by any person caused by use of or reliance on this information.
- Back numbers are available on ClassNK Internet Homepage (URL: www.classnk.or.jp).

3. Confirmation of the Chief Engineer's profile will be newly required. Please prepare the profile of the Chief Engineer onboard with the license for Confirmatory Survey. The license number of the Chief Engineer is to be specified in the records of inspection.

Please note that the above is not applicable to the items which cannot be credited by the inspection by the Chief Engineer such as the crankshaft of the main engine. The items which cannot be credited by the inspection by the Chief Engineer are specified in B9.1.2-6.(2) of Guidance shown in the Attachment.

For any questions about the above, please contact:

NIPPON KAIJI KYOKAI (ClassNK)
Survey Department, Administration Center, Head Office
Address: 4-7 Kioi-cho, Chiyoda-ku, Tokyo 102-8567, Japan
Tel.: +81-3-5226-2027 / 2028
Fax: +81-3-5226-2029
E-mail: svd@classnk.or.jp

Attachment: "Guidance for the Survey and Construction of Steel Ships Part B"2008 Amendment No.2

GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part B

Class Surveys

Guidance for the Survey and Construction of Steel Ships

Part B

2008

AMENDMENT NO.2

Notice No.31 18th April 2008

Resolved by Technical Committee on 1st February 2008

ClassNK
NIPPON KAIJI KYOKAI

AMENDMENT TO THE GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

“Guidance for the survey and construction of steel ships” has been partly amended as follows:

Part B Class Surveys

B9 PLANNED MACHINERY SURVEYS

B9.1 Planned Machinery Surveys

B9.1.2 Continuous Machinery Surveys (CMS)

Sub-paragraph -6 has been amended as follows.

6 Confirmatory Survey

In ships deemed by the Society as maintaining their machinery and equipment well, it is confirmed that the machinery and equipment specified in (2) below are in good order. Overhaul inspections by the shipowner (or the ship management company) may forgo the open-up examination, where deemed by the Society, provided that the machinery and equipment are overhauled as part of the ship’s maintenance practices at sea and the records from such overhauls are kept in good order, and the results of the confirmatory survey below are satisfactory. In this case, the date of the next open-up examination is to be within a 5-year period from the date of its last overhaul and inspection. The same applies for machinery and equipment overhauled in a port where it is difficult to call in the Surveyor.

(1) Procedure of the confirmatory survey

- (a) When any machinery or equipment was overhauled at sea and inspected by the Chief Engineer as routine maintenance work, one copy of the inspection report including the items mentioned below is to be submitted to, and reviewed by the attending Surveyor. Also, the Chief Engineer’s profile is to be confirmed by the attending Surveyor.
 - i) Signature of the Chief Engineer and license number
 - ii) Date and place of the inspection
 - iii) Inspection items and their results
 - iv) Operating conditions before and after the inspection
- (b) Parts replaced with spares or repaired are to be verified by visual examinations on by photographs.
- (c) Visual examinations are to be carried out for main propulsion machinery, and examinations under operating conditions, as well as visual inspections are to be carried out for other machinery.
- (d) As a result of the confirmatory survey stipulated in (a) to (c) above, open-up examinations and/or re-examinations may be required when deemed necessary by the Surveyor.

(2) Items applicable to the confirmatory survey

Items of machinery and equipment applicable to the confirmatory surveys are as follows.

- (a) Main diesel engines
However, crankshafts, main bearings, crank pin bearings, crank pin bolts, camshafts, and camshaft driving gears are to be excluded. Note that the number of items of the confirmatory surveys is to be restricted to half the number of total survey items for the main diesel engine within one cycle of the CMS.
 - (b) Diesel engines used for driving generators, auxiliary machinery essential for main propulsion or auxiliary machinery for manoeuvring and safety of the ship
However, an open-up examination in the presence of the Surveyor is to be carried out at least for one of the diesel engines used for driving main generators within one cycle of the CMS
 - (c) Auxiliary machinery (air compressors, pumps, heat exchangers, deck machinery and distilling plants)
- (3) Timing of the confirmatory survey
A confirmatory survey is, ~~as a rule,~~ to be carried out ~~within at least five months~~ by the time of next periodical survey from the day the item of the machinery or equipment intended for the confirmatory survey was overhauled and inspected at sea.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 May 2008.