

RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part B

Class Surveys

Rules for the Survey and Construction of Steel Ships
Part B **2014 AMENDMENT NO.3**

Rule No.78 19th December 2014
Resolved by Technical Committee on 29th July 2014
Approved by Board of Directors on 16th September 2014

ClassNK
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AMENDMENT TO THE RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

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

Part B CLASS SURVEYS

Amendment 3-1

Chapter 1 GENERAL

1.1 Surveys

1.1.8 Laid-up Ships

Sub-paragraphs -2 and -3 have been amended as follows.

1 Laid-up ships are not subject to Class Maintenance Surveys specified in **1.1.2**. However, Occasional Surveys may be carried out at the request of owners.

2 When laid-up ships are about to be re-entering service, the following surveys and surveys for specific matters which have been postponed due to being laid-up, if any, are to be carried out.

(1) If the due dates for Periodical Surveys or Planned Machinery Surveys have not transpired while the ship was laid-up, then ~~a~~ surveys equivalent to the Annual Surveys specified in **Chapter 3**, corresponding to the age of the ship, ~~is~~ are to be carried out.

(2) If the due dates for Periodical Surveys or Planned Machinery Surveys have transpired while the ship was laid-up, then these Periodical Surveys or Planned Machinery Surveys are, in principal, to be carried out. However, where two or more kinds of Periodical Surveys are due, only the superlative survey may be carried out.

3 If the ~~S~~surveys to be carried out under the requirements of ~~-2~~(2) above ~~are to correspond to the age of the ship~~ is a Special Survey, either the overdue Special Survey or the next due Special Survey is to be carried out. In such cases, the validity of the Classification Certificate is to be in accordance with the requirements of **2.4.2-3, Guidance for the Classification and Registry of Ships** corresponding to the Special Survey to be carried out.

EFFECTIVE DATE AND APPLICATION (Amendment 3-1)

1. The effective date of the amendments is 19 December 2014.

Chapter 6 DOCKING SURVEYS

Table B6.1 has been amended as follows.

Table B6.1 Requirements for Docking Surveys

Items	Examinations
1 Shell plating including keel plate, stem and stern frame	• Discontinuous structures, structural parts liable to excessive corrosion and openings in the shell are to be examined carefully. Grillage covers are to be removed where deemed necessary by the Surveyor.
2 Rudder	• The rudder is to be lifted or removed and visible parts of the rudder, rudder pintles, gudgeons, rudder stocks and couplings and stern frame are to be examined. Where applicable, a pressure test of the rudder according to Table B2.2 may be required as deemed necessary by the Surveyor. The rudder bearing clearance is to be measured. The rudder may not require lifting or removal provided the Surveyor is satisfied with the condition of the rudder by measurement of the clearance.
3 Scupper, overboard discharges and sea inlets including distance pieces below freeboard deck, and valves and cocks on shell plating, sea chest or distance piece, and side thrusters	<ul style="list-style-type: none"> • The main parts of valves and cocks are to be opened up and examined. The bolts or studs fastening these mountings to the hull are to be examined. The valves and cocks may not require open-up examination at the discretion of the Surveyor provided they were opened up and found to be in good order at the last Docking Survey. • In cases where consecutive In-water Surveys in lieu of Docking Surveys conducted in dry dock or on slipway may be applied with Administration approval, the open-up examination of valves and cocks required may be exempted at the discretion of the Society provided they were examined (including visual inspection by diver) and found to be in good order. • <u>Side thrusters are to be visually examined for any damage which may affect the hull structure.</u>
4 After end of stern bush	• The wear down of the bearing is to be measured; or the clearance between the propeller shaft or stern tube shaft and the after bearing of the stern tube or the shaft bracket bearing.
5 Sealing devices for stern tube and shaft bracket bearing	• The efficiency of the oil gland is to be checked.
6 Propeller	• Propellers are to be examined. Where a controllable pitch propeller is fitted, the pitch control device is to be examined without dismantling.
7 Anchor, anchor chain, ropes, hose pipe, chain locker and cable clenches	<ul style="list-style-type: none"> • At the Docking Surveys carried out at the times specified in 1.1.3-1(4)(a), anchor and anchor chains are to be ranged and all chains and chain related equipment are to be verified and externally examined. In cases where In-water Surveys in lieu of Docking Surveys conducted in dry dock or on slipway may be applied at the times specified in 1.1.3-1(4)(a), anchors and anchor chains may not be required to be ranged and examined at the discretion of the Society provided they were examined (including visual inspection by diver) and found to be in good order. In such cases, anchors and anchor chains should be ranged and all chains and chain related equipment should be verified and externally examined at the next Docking Surveys conducted in dry dock or on slipway. At Special Survey No.2 and subsequent Special Surveys, the diameter of the anchor chain is to be measured. If the mean diameter of a link, at its most worn part, is reduced by 12% or more from its required nominal diameter, it is to be renewed.
8 Tanks and spaces	<ul style="list-style-type: none"> • The internal examination, close-up surveys and thickness measurements (if applicable and not already carried out) are to be carried out as stipulated below. (i) At Docking Surveys in the dry dock or on the slipway carried out in conjunction with Special Surveys or at the times specified in 4.1.1-2., at least the portions below the light ballast water line of the cargo holds/tanks and water ballast tanks (ii) At Docking Surveys carried out at the times specified in 1.1.6-5 as far as practicable.
9 Installations for In-water Surveys	• With regard to ships having the approval for conducting In-water Surveys based on the requirements in 6.1.2 , Surveyors are to confirm that the means and installations specified in 6.1.2-3 are in good condition.

EFFECTIVE DATE AND APPLICATION (Amendment 3-2)

1. The effective date of the amendments is 19 December 2014.
2. Notwithstanding the amendments to the Rules, the current requirements may apply to the surveys for which the application is submitted to the Society before the effective date.