

Subject:

Application of amendment to the
"Rules for the Survey and
Construction of Steel Ships"

NK TECHNICAL INFORMATION

No. 61

Date: 30 June, 1987

To Shipowners and Shipbuilders concerned

The "Rules for the Survey and Construction of Steel Ships" was partly amended on 30th June, 1987 and will come into force on 1st September, 1987. However, the relevant requirements specified in Part C and Part CS of this amendment (except those of Part C 1.2.5 & 26.1.2) (hereinafter, referred to as "the Amendment") may be applicable to those ships, for which the application of the Classification Survey was made before 1st September, 1987, when an application of the Amendment be made by the shipowner and approved by this Society.

If you would request to apply the Amendment to your ship, please submit the application documents to our Society, through the shipbuilder of the ship under construction, or directly from shipowner for existing ship, taking into consideration of the following items.

1. Applicable ships

The Amendment is generally applicable to those ships for which the application of the Classification Survey during Construction was made on and after 1st August, 1985, or to those ships classed after construction equivalent to the above in ship's age, provided that the said ship is confirmed to be in good condition (namely, no recommendations regarding hull construction is reported on the survey report, and no structural damage relevant to the longitudinal strength of hull (for instance, cracks on hatch side coamings, etc.) is found from the result of the occasional survey.).

2. Documents necessary to be submitted for the application

- (1) Application (including name of shipowner, name of ship, nationality of ship, class number, kind of survey, etc.)
- (2) A copy of the survey report of the occasional survey
- (3) Loading manual for approval

This includes the necessary alterations on the following items:

- (a) Precautions for loading
 - (b) Allowable values for longitudinal still water bending moment, Ms, and still water shearing force, Ps, as well as allowable stress, (necessary to be confirmed by item (4) that these values are in compliance with the Amendment)
 - (c) Allowable values for twisting moment of hull due to uneven cargo stowage
 - (d) Standard loading conditions (including newly added loading conditions, etc.)
 - (e) Methods of calculation of longitudinal strength for loading other than the standard loading conditions
 - (f) Methods of calculation of twisting moment of hull due to uneven cargo stowage
- (4) Calculation of longitudinal strength in compliance with the Amendment (including Ms & Ps for newly added loading conditions, section modulus of transverse section of hull at the necessary position along the length of ship, etc.), scantling calculations for structural members, calculation of allowable values for Ms & Ps, etc.

