

Subject:

Amendment to the "Rules for the Construction and Survey of Cargo Handling Machinery and Gear"

NK TECHNICAL INFORMATION

No. 62

Date: 30 June 1987

To Shipowners, Shipbuilders and Manufacturers concerned.

Being effective on and after 1 September 1987, the "Rules for the Construction and Survey of Cargo Handling Machinery and Gear" will be updated and renamed the "Rules for the Survey and Construction of Cargo Handling Appliances".

The major amendment is new requirement for load test on cargo gear and cargo ramps to be carried out every four years after having done at the initial survey. Another change requires safe working load etc. to be positively marked on cargo ramps as well.

The new "Rules" is composed of the following nine Chapters including:

1. The general requirements for application, definition of terms, arrangement, construction, material, welding etc. (Chapter 1 "GENERAL")
2. The general requirements for surveys, tests and examinations for cargo gear, cargo ramps and loose gear which are subject to assignment of safe working load etc. and the additional requirements of kind and periodcity of survey which is extra for ships flying Japanese flags. (Chapter 2 "SURVEYS") In this chapter, the requirements of "ILO convention No. 152.", "ILO recommendation No. 160." and "ILO Code for practice, Safty and health in dock work" are taken care of as far as practicable.
3. The requirements for the construction of cargo handling appliances (Chapter 3 "DERRICK SYSTEMS", Chapter 4 "CRANES", Chapter 5 "CARGO FITTINGS", Chapter 6 "LOOSE GEAR", Chapter 7 "MACHINERY, ELECTRICAL INSTALLATION AND CONTROL ENGINEERING SYSTEMS" and Chapter 8 "CARGO LIFTS AND CARGO RAMPS") In these chapters, the strength criteria is given for cargo gear and cargo ramps, which admits either simplified mothod or direct assessment procedure in reference to the specific design load and allowable stress.
4. Requirements for marking of safe working load etc. and for the documentation (Chapter 9 "CERTIFICATION, MARKING AND DOCUMENTATION")

