

# **Specially Constructed Cargo Ships for the Carriage of Nickel Ore**

## **Amended Rules and Guidance**

Rules for the Survey and Construction of Steel Ships Part A, C, CS and U

Guidance for the Survey and Construction of Steel Ships Part A, C, CS and U

## **Reason for Amendment**

In recent years, there have been a number of serious marine casualties reported whose main cause has been sustained in consequence of the liquefaction of cargo during voyage. For the most part, these casualties have involved ships carrying nickel ore. As a result, there has been an increase in interest worldwide regarding the safe carriage of nickel ore as well as other so called “cargoes which may liquefy” in order to find ways to prevent the future reoccurrence of such casualties.

In view of this, as the guideline related to the safe loading and transporting of nickel ore, ClassNK has developed our own “Guidelines for the Safe Carriage of Nickel Ore”. The first edition of this Guidelines was issued in May 2011, followed by the second edition issued in February 2012.

Accordingly, relevant requirements have been amended to specify appropriate stability and hull strength criteria for ships specially designed for the carriage of so called “cargoes which may liquefy” such as nickel ore as well as to specify that specific notation be affixed to the Classification Characters of ships complying with criteria of the Rules.

## **Outline of Amendment**

- (1) Specified requirements related to the stability and hull strength criteria for ships specially designed for the carriage of cargoes having moisture contents which exceed transportable moisture limit.
- (2) Among the cargoes referred to in (1) above, specified that requirements related to the stability and hull strength criteria to be considered for the ships carrying nickel ore having moisture contents which exceed transportable moisture limit are to be in accordance with the “Guidelines for the Safe Carriage of Nickel Ore”.
- (3) Specified that the notation “*Specially Constructed Cargo Ship*” (abbreviated to *SCCS*) is to be affixed to the Classification Characters of ships complying with the criteria in (1) above. Furthermore, the details of the cargo being carried are to be entered into the Classification Register as descriptive notes for the ship.