

Class Notations with respect to Hull Construction Monitoring

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Parts A and B
Guidance for the Survey and Construction of Steel Ships Part B

Reason for Amendment

Since the entry into force of the IMO's "Goal-based ship construction standards for bulk carriers and oil tankers" (i.e. the IMO GBS), all ships subject to the provisions of the GBS (hereinafter referred to as "GBS ships") are required to be built in accordance with controlled and transparent quality production standards. In this regard, IACS Unified Requirement (UR) Z23, which specifies requirements related to hull surveys during construction, requires that surveyors witness and verify items such as alignment, fit up, gaps and weld configurations of structural areas when such areas are defined as critical. ClassNK has been carrying out hull surveys in accordance with this UR.

The construction of GBS ships has increased in recent years. As a result, there has been a growing demand from relevant industries for the clarification of detailed methods for surveys required for GBS ships as well as an increased demand for such ships constructed under such GBS monitoring to be distinguishable from ships constructed under more conventional monitoring systems.

Accordingly, ClassNK prepared a set of guidelines that summarizes procedures for monitoring the critical structural areas of ships during construction, and relevant requirements were amended to specify the relevant notation to be affixed to the classification characters of ships whose surveys are carried out in accordance with these guidelines.

Outline of Amendment

- (1) Specified that the notation "*Hull Construction Monitoring*" (abbreviated to *HCM*) is to be affixed to the classification characters of ships whose surveys are carried out in accordance with the "Guidelines for Hull Construction Monitoring" issued separately by the Society. For GBS ships, the additional notation "*Goal-based Ship Construction Standards*" (abbreviated to *GBS*) is to be suffixed to the notation of "*HCM*" (e.g. *HCM-GBS*).
- (2) Specified that surveys for GBS ships which are contracted for construction on or after 1 January 2018 are to be carried out in accordance with the "Guidelines for Hull Construction Monitoring". In addition, surveys for non-GBS ships may be carried out in accordance with the aforementioned guidelines upon request.

Amended Requirements

Rules for the Survey and Construction of Steel Ships
Part A: 1.2.7
Part B: 1.1.12, 2.1.2, 2.1.3, 2.1.6, Table B3.1, 3.8, 4.8, 5.8
Guidance for the Survey and Construction of Steel Ships
Part B: B2.1.2