
GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part N

Ships Carrying Liquefied Gases in Bulk

GUIDANCE

2014 AMENDMENT NO.1

Notice No.40 30th June 2014

Resolved by Technical Committee on 4th February 2014

Notice No.40 30th June 2014

AMENDMENT TO THE GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

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

Part N SHIPS CARRYING LIQUEFIED GASES IN BULK

Amendment 1-1

N3 SHIP ARRANGEMENTS

N3.2 Accommodation, Service and Machinery Spaces and Control Stations

N3.2.4 Arrangements of Entrances, Air Inlets and Openings

Sub-paragraph -4 has been amended as follows.

4 In cases where it is impossible or impractical to satisfy ~~With respect to the requirements specified in 3.2.4, Part N of the Rules, access to fore-castle spaces containing sources of ignition may be through doors facing cargo area provided the doors are located outside hazardous areas as defined in 1.1.5(15), Part N of the Rules.~~ entrances, air inlets and openings facing cargo areas may be provided subject to no sources of ignition in a hazardous area as defined in **1.1.5(15), Part N of the Rules**. In such cases, explosion-protected electrical equipment complying with *IEC 60092-502* is not regarded as a source of ignition.

EFFECTIVE DATE AND APPLICATION (Amendment 1-1)

1. The effective date of the amendments is 30 June 2014.

N4 CARGO CONTAINMENT

N4.10 Construction and Testing

Paragraph N4.10.12 has been amended as follows.

N4.10.12 Inspection of Secondary Barrier

With respect to the requirements of **4.10.12, Part N of the Rules**, it is to be verified that secondary barriers keep a specific level of tightness required in the system design in accordance with an appropriate procedures. However, low differential pressures tests are not to be considered an acceptable test for the tightness of secondary barriers. For cargo containment systems with glued secondary barriers, tests for verification of the tightness are to be carried out before and after initial cool down and related values obtained in the tests are to be recorded for the use as reference for periodical surveys. ~~If significant differences in the results before and after cool down for each tank or between tanks or if other anomalies are observed~~ the verification results do not satisfy acceptance criteria approved in advance, an investigation is to be carried out and additional testing ~~in accordance with system designers' procedures such as differential pressure,~~ thermographic or acoustic emissions testing is to be carried out ~~as necessary~~.

EFFECTIVE DATE AND APPLICATION (Amendment 1-2)

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