

Subject

Compliance with new requirements for Lifting appliances  
in accordance with the Amendments to SOLAS II-1

# **ClassNK**

## **Technical Information**

No. TEC-1357  
Date 30 July 2025

To whom it may concern

At the 107th session of the Maritime Safety Committee (MSC 107), the Amendment to SOLAS II-1 was adopted, and new Regulation 3-13 was established. We informed in No. TEC-1340 issued on 16 December 2024 about the key requirements for lifting appliances.

The amendment of SOLAS will come into force on 1 January 2026, we would like to inform shipowners and management companies of the following items for which they need to prepare in advance.

### 1. List\* of Lifting Appliances and Documentary Evidence of Safe Working Load

All lifting applications installed onboard ships subject to SOLAS II-1/3-13 are to be registered, regardless of the safe working load, by the time of the first periodical survey (annual, intermediate, and renewal survey) of Safety Construction Certificate (hereinafter referred as "SC") on or after 1 January 2026.

In order to ensure smooth registration of the lifting appliances at the time of SC periodical survey, please prepare in advance a list\* of all the lifting appliances installed onboard the ships and documentary evidence to prove the safe working load (e.g., certificate issued by ClassNK, load test report or drawings from the manufacturer, etc.).

In addition, lifting appliances are to be permanently marked with items specified in MSC.1/Circ.1663 Para.3.4, such as the safe working load.

\* The list of lifting appliances should include the following items. (No specific format is required.)

- (1) Name of lifting appliances
- (2) Location: frame number (Fr.\*\*), port/starboard/centre), installation area (engine room), etc.
- (3) Safe working load (ton)
- (4) Safe radius (crane): \*\*m to \*\*m
- (5) Safe angle (derrick): \*\*deg.
- (6) Maximum cargo fall angle (swinging derrick): \*\*deg.
- (7) Height of the delta plate from the reference deck (swinging derrick): \*\*m on \*\*deck
- (8) Drawing or photo of the lifting appliances

(To be continued)

### NOTES:

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## 2. Load Test of Lifting Appliances

Load test of the lifting appliance is required by the first SC renewal survey on or after 1 January 2026.

Table 1: Test Loads for Cargo Handling Equipment

Safe Working Load W (t)	Test Load (t)
20 or less	1.25W
Over 20 to 50	W + 5
Over 50	1.1W

Notwithstanding the above, for lifting appliances already registered with ClassNK and issued with a load test certificate (Form CG.3), load tests are to be conducted by the expiration date of the certificate.

As for the application of load tests to lifting appliances with a safe working load of less than 1,000 kg, it is determined by the Administration. Information on each Administration is available on the following ClassNK website.

HOME > Products & Services > Statutory Services > Information for Equipment of SOLAS Convention > SOLAS Chapter II-1 Regulation 3-13 and MSC.1/Circ.1663

URL: [https://www.classnk.or.jp/hp/en/activities/statutory/solas/solas\\_treaty/lifting/](https://www.classnk.or.jp/hp/en/activities/statutory/solas/solas_treaty/lifting/)

## 3. List\*\* of Loose Gears and Proof Test Certificate

From 1 January 2026, proof test certificates for loose gears used with lifting appliances subject to SOLAS II-1/3-13.2.1 and 13.2.4 will be required. At the first SC periodical inspection after 1 January 2026, ClassNK surveyor will check that proof test certificates for all loose gears installed on board are available.

Therefore, please prepare in advance a list\*\* of loose gears installed on the ship and proof test certificates, similar to lifting appliances.

In addition, loose gears are to be permanently marked with items specified in MSC.1/Circ.1663 Para.4.4, such as the safe working load.

\*\* The list of lifting appliances should include the following items. (Instead of the list, a load test certificate listing each item is acceptable. No specific format is required.)

- (1) Name of loose gear
- (2) Distinguishing number or mark
- (3) Number tested
- (4) Date of test
- (5) Test load (ton)
- (6) Safe working load (ton)

(To be continued)

#### 4. Maintenance and Operation Manuals for Lifting Appliances

From 1 January 2026, maintenance and operation manuals for lifting appliances provided by the manufacturer and including items specified in MSC.1/Circ.1663, 3.5.2 and 3.6.2, will be required on board the ship.

Therefore, please prepare in advance the maintenance and operation manuals provided by the manufacturer. If the manufacturer does not exist, manuals created by a third party with sufficient knowledge will also be accepted. For lifting appliances that have been modified after installation, the operation manual is to consider the modifications.

#### 5. Records of Inspection and Maintenance of Lifting Appliances and Loose Gears

From 1 January 2026, records of daily inspection and maintenance of lifting appliances will be required. Please prepare these records in advance. These records should comply with the SMS manual, but if the manufacturer recommends a specific record book, it is to be used.

#### 6. Handling of Lifting Appliances Already Registered with ClassNK

- (1) For lifting appliances already registered with ClassNK and issued with a load test certificate (Form CG.3), if the thorough examination of the appliances is due before the first SC periodical survey after 1 January 2026, please arrange the thorough examination and load test at the usual inspection intervals. During this inspection, it is also possible to conduct thorough examination and register unregistered lifting appliances and loose gears.
- (2) For lifting appliances already registered with ClassNK and issued with a load test certificate (Form CG.3), the due date for thorough examination at intervals not exceeding 12 months will remain after 1 January 2026. If you wish to align the timing of the thorough examination with the SC periodical survey, please inform the ClassNK surveyor at the time of survey.

For any questions about the above, please contact:

[For application of the requirements and general]

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[For the ClassNK Rules and IACS information]

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