

Electronic Inclinometers

Object of Amendment

Rules for Safety Equipment

Reason for Amendment

In recent years, the loss of containers from container carriers as well as capsizing due to cargo liquefaction on bulk carriers have become serious concerns. However, heel angle information, which could be useful in analysing ship motion at the time of the accident, is not required to be recorded by the Voyage Data Recorder (VDR).

Therefore, at the 107th session of the IMO Maritime Safety Committee (MSC107) held in May 2023, amendments to Chapter V of SOLAS were adopted as resolution MSC.532(107) to mandate that container carriers and bulk carriers of 3,000 gross tonnage and upwards are to be fitted with electronic inclinometers and to record their output in the VDR.

Accordingly, relevant requirements are amended in accordance with resolution MSC.532(107).

Outline of Amendment

Specifies requirements related to the approval and inspection of electronic inclinometers.

Effective Date and Application

Effective date of this draft amendment is 1 January 2026.

An asterisk (*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

ID:DD24-04

Amended-Original Requirements Comparison Table (Electronic Inclinometers)

Amended	Original	Remarks
<p align="center">RULES FOR SAFETY EQUIPMENT</p> <p align="center">Chapter 2 SURVEYS OF SAFETY EQUIPMENT</p> <p>2.2 Registration Surveys</p> <p>2.2.3 Documents to be Maintained On Board*</p> <p>4 At the completion of registration surveys, Surveyors confirm that certificates showing that the following devices have passed all required examinations or tests are maintained on board (certificates having a validity date are to be of valid when registration surveys are carried out). ((1) to (33) are omitted.) <u>(34) Electronic inclinometers</u></p> <p align="center">Chapter 3 ARRANGEMENTS AND PERFORMANCE</p> <p>3.1 General</p> <p>3.1.1 General*</p> <p>2 Equipment or Installations listed below are to be approved by the Society. However, equipment or installations approved by the Government of the State whose flag the ship is entitled to fly, other Contracting Governments of the Convention or the party approved by the Government mentioned above may be exempted from the requirement provided that it is deemed appropriate by the Society.</p>	<p align="center">RULES FOR SAFETY EQUIPMENT</p> <p align="center">Chapter 2 SURVEYS OF SAFETY EQUIPMENT</p> <p>2.2 Registration Surveys</p> <p>2.2.3 Documents to be Maintained On Board*</p> <p>4 At the completion of registration surveys, Surveyors confirm that certificates showing that the following devices have passed all required examinations or tests are maintained on board (certificates having a validity date are to be of valid when registration surveys are carried out). ((1) to (33) are omitted.) (Newly added)</p> <p align="center">Chapter 3 ARRANGEMENTS AND PERFORMANCE</p> <p>3.1 General</p> <p>3.1.1 General*</p> <p>2 Equipment or Installations listed below are to be approved by the Society. However, equipment or installations approved by the Government of the State whose flag the ship is entitled to fly, other Contracting Governments of the Convention or the party approved by the Government mentioned above may be exempted from the requirement provided that it is deemed appropriate by the Society.</p>	<p>Adding electronic inclinometers.</p>

Amended-Original Requirements Comparison Table (Electronic Inclinometers)

Amended	Original	Remarks
(1) Navigational equipment ((a) to (w) are omitted.) <u>(x) Electronic inclinometers</u> ((2) to (6) are omitted.)	(1) Navigational equipment ((a) to (w) are omitted.) (Newly added) ((2) to (6) are omitted.)	Adding electronic inclinometers.
EFFECTIVE DATE AND APPLICATION		
1. The effective date of the amendments is 1 January 2026.		

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