



Germanischer Lloyd

Guideline for preparation of Fire Control Plans

This Guideline has been developed under consideration of the following documents:

- Germanischer Lloyd Rules for Classification and Construction, I, Part 1, Chapter 1, Section 22 and Chapter 2, Section 12;
- SOLAS 74 including amendments 2000 (IMO Res. MSC.99(73)), Reg. II-2/15.2.4;
- IMO Res. A.952(23), Graphical symbols for fire control plans;
- IMO MSC/Circ.451, Guidance concerning the location of fire control plans for the assistance of the shore side fire-fighting personnel;
- IMO MSC/Circ.1050, Shipboard plans for fire protection appliances, life-saving appliances and means of escape;
- ISO 17631:2002, Shipboard plans for fire protection, life-saving appliances, and means of escape.

Application

This Guideline is primarily intended to provide assistance for the preparation of Fire Control Plans for cargo ship newbuildings. However, this Guideline may be also used for existing cargo ships.

Approval:

i) newbuildings

From a classification point of view approval is required. GL (class) approval is required for each newbuilding (including sister vessels).

Certain flag states (e.g. Germany, Cyprus, Malaysia, Malta...) have additional national requirements for preparation and approval.

ii) existing ships

If the plan becomes illegible or the ship will be modified, it should be updated and approved according to this Guideline.

In order to comply with the international SOLAS standard as well as to fulfil the applicable requirements of ISM-Code and STCW 78/95, GL highly recommends to provide an approved drawing acc. to this Guideline on all existing ships. Furthermore, an approved fire control plan may avoid problems during port state controls.

Additional national requirements, for preparation and approval, have to be observed for certain flag states (e.g. Cyprus, Malaysia...).

Ships constructed before 1 January 2004 may continue to carry fire control plans that use the graphical symbols contained in IMO Res. A.654(16).

At least 3 coloured copies should be submitted for GL approval or approval on behalf of the flag state.

Language:

Information on the plan should be

- a) in English or French and additionally
- b) in the official language of the flag state (if not a)) and
- c) in the established working language(if not a) or b)).

If more than one language is used on the plan, these separate languages should be indicated by using different font types.

Symbols:

The equipment and arrangement should be indicated only by graphical symbols according to the annex A (Checklist) of this Guideline. The symbols in the plan should not be smaller than 6 mm by 6 mm. Generally symbols should not be framed. All symbols should be positioned on the plan in such a manner that clearly indicate the appropriate position on the vessel but, to avoid clutter, symbols may be taken outside the plan with dot and line to indicate the actual position.

Format of the plan:

The illustration on the plan should not be smaller than 1:200.

The plan should be developed on one sheet, but may be split if necessary (e.g. separate plans for machinery spaces and deck areas). The plan should base on the general arrangement including the side view of the ship.

A legend of symbols and explanations should be a constituent part of the plan. The legend should show number and capacity of equipment as far as applicable.

The following additional particulars should be indicated:

- d) general data and ship's IMO number,
- e) ship's keel laying date and application of the SOLAS conventions and amendments;
- f) original method (e.g. IC, IIC or IIIC as defined in SOLAS 74);
- g) which additional fire safety measures, if any, were applied and
- h) date and descriptions of any modifications to the ship, which altered its fire safety.

The plan may be consolidated to a "Fire Control and Safety Plan" if the information to life-saving appliances will be included. Certain flag state Authorities require such consolidated plans. The symbols for life-saving appliances should comply with ISO 17631:2002.