





















Guideline for preparation of  
Fire Control Plans













Annex A - Checklist













# Germanischer Lloyd








No.:	Rules SOLAS 74 incl. 2000 amend.	Subject	yes	no	n.a.	Remark
1.	II-2/15.2.4	<b>Fire Control Plans</b>  <b>Fire control plan</b> (copies to be provided in Wheelhouse, at the Mess Rooms and in a weathertight enclosure outside)				
2.	II-2/3.9.1	<b>Fire alarm panel</b>  <b>Control panel for fire detection and alarm system</b> (located at central control station (e.g. Wheelhouse, E.C.R.))				
3.	II-2/3.9.8	<b>Push button/ switch for fire alarm</b>  <b>Push button/ switch for general (fire) alarm</b> (located at central control station (e.g. Wheelhouse, E.C.R.))				
4.	II-2/7.7	<b>Manually operated call points</b> to be provided: - at each exit - in corridors each 40 m  <b>Manually operated call point</b>				
5.	II-2/7.5.1 7.5.5.1 7.5.5.2 7.5.5.3 7.4.1.1 7.4.1.2 II-2/19.3.3	<b>Fire detection systems</b> Installed in: - all stairways, corridors and escape routes - Method II-C and III-C all accommodation and service spaces, - Periodically unattended machinery spaces, - Machinery spaces under remote control , - Cargo spaces for dangerous goods in packaged form, - Ro/Ro – cargo spaces  <b>Space or group of spaces monitored by: smoke detector(s)</b>    <b>Space or group of spaces monitored by heat detector(s) gas detector(s) flame detector(s)</b> (symbol "space monitored by gas detector" to be used for fixed gas detection systems on tankers only)				
















No.:	Rules SOLAS 74 incl. 2000 amend.	Subject	yes	no	n.a.	Remark
6.	II-2/10.4, 10.5, 10.6, 10.7, 10.9, 20.6.1.1	<p><b>CO<sub>2</sub> fire extinguishing system</b></p>  <b>CO<sub>2</sub> battery</b>  <b>CO<sub>2</sub> bulk installation</b>  <b>Space or group of spaces protected by CO<sub>2</sub></b>  <b>CO<sub>2</sub> release station</b> <i>(Indicate at the bottom of the symbol the space protected.)</i> <p>Galley range exhaust duct – it shall be indicated that the system protects the duct only</p>				
7.	II-2/10.4, 10.5, 10.6, 10.7, 10.9	<p><b>Halon fire extinguishing system</b></p> <p>(Permitted on ships with keellaying before 01.10.1994 only. On all ships under EC –flag Halon is prohibited since 01.01.2004)</p>  <b>Halon 1301 battery</b>  <b>Halon 1301 bottles placed in protected areas</b>  <b>Space protected by Halon 1301</b>  <b>Halon release station</b> <i>(Indicate at the bottom of the symbol the space protected.)</i> <p>The same symbols may be used for fire extinguishing systems using other gases than halon (e.g. FM200). The indexes <b>H</b> and <b>Halon 1301</b> are to be replaced accordingly.</p>				
8.	II-2/10.4, 10.5, 10.6, 10.7, 10.9, 20.6.1.1	<p><b>High-expansion foam system</b></p>  <b>Foam installation</b>  <b>High expansion foam supply trunk</b> <i>(Indicate at the bottom of the symbol the protected space, if necessary.)</i>  <b>Space protected by foam</b>  <b>Foam release station</b> <i>(Indicate at the bottom of the symbol the space protected.)</i>				






No.:	Rules SOLAS 74 incl. 2000 amend.	Subject	yes	no	n.a.	Remark
9.	IGC Code 11.4	<p><b>Dry chemical powder fire-extinguishing system</b> (Gas tanker, Chemical Tanker)</p>  <p><b>Powder installation</b></p>  <p><b>Powder hose and handgun</b></p>  <p><b>Powder monitor</b></p>  <p><b>Powder release station</b> (Indicate at the bottom of the symbol the space protected)</p>  <p><b>Powder section valve</b> (Indicate the reference number of the valve at the right side of the symbol)</p>				
10.	II-2/ 10.5.6, 10.6.4, 10.6,10.7, 10,8 18.5.1.3 IBC Code 11.3	<p><b>Low- Expansion foam system</b> (local application, deck system on tanker)</p>  <p><b>Foam installation</b></p>  <p><b>Space protected by foam</b></p>  <p><b>Foam monitor</b></p>  <p><b>Foam section valve</b> (Indicate the reference number of the valve at the right side of the symbol)</p>				
11.	- II-2/10.6.2 - II-2/10.6.3 - IMO Res. MEPC.76(40)	<p><b>Automatic sprinkler system</b> (heat released sprinkler nozzles, normally fitted with glass bulbs)</p> <p>Installed in</p> <ul style="list-style-type: none"> <li>- Method II-C – all accommodation and service spaces,</li> <li>- combined incinerator and waste storage space,</li> <li>- waste storage space</li> </ul>  <p><b>Sprinkler installation</b></p>  <p><b>Space or group of spaces protected by sprinkler</b></p>  <p><b>Sprinkler section valve</b> (Indicate the reference number of the valve at the right side of the symbol. Valves for automatic dry-pipe sprinkler systems should be indicated in the legend)</p> <p>The symbols may also be applied to equivalent water-extinguishing systems. (water mist systems)</p>				



No.:	Rules SOLAS 74 incl. 2000 amend.	Subject	yes	no	n.a.	Remark
14.	II-2/10.5.6,	<b>Fixed water-based local application fire-fighting system</b>  <b>Fixed water-based local application fire-fighting system, incl. flame detectors for automatic release* and local manual release</b>  (required, for ships with keellaying on or after 01.07.2002, in machinery spaces of category A above 500 m <sup>3</sup> on cargo ships of 2000 GT and above.) <i>* not applicable in manned machinery spaces</i>				
15.	II-2/10.6.4,	<b>Fixed fire-extinguishing system for deep fat cooking equipment</b>  <b>Fixed fire-extinguishing system for deep fat cooking equipment</b> (The extinguishing media should be colour coded and indicated by a letter.)  (required for new installation on all ships on or after 1.07.2002 .)				#)
16.	II-2/ 10.5.2.2.1 20.6.2.2	<b>Water fog - and foam applicator</b>  <b>Water fog applicator</b>  <b>Portable foam applicator unit</b> ( for ships with keellaying on or after 01.09.1984 only)				
17.	II-2/5.2.2.3/4 II-2/5.2.3.1	<b>Remote control of pumps and valves</b>  <b>Fuel oil pump(s) remote shut-off</b>  <b>Remote control for fuel oil valves</b>  <b>Lube oil pump(s) remote shut-off</b>  <b>Remote control for lube oil valves</b>  <b>Remote control for bilge pump(s)</b>  <b>Remote control for emergency bilge pumps</b>				

No.:	Rules SOLAS 74 incl. 2000 amend.	Subject	yes	no	n.a.	Remark
18.	II-2/10.3 10.5, 18.5, 19.3.7, 20.6.2  II-2/10.3.3	<p><b>Fire extinguisher</b> (portable and wheeled)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><b>Fire extinguisher</b></p> </div> <div style="text-align: center;">  <p><b>Wheeled fire extinguisher</b></p> </div> </div> <p>(indicate type of media and capacity (kg for gas and powder, litres for water and foam) at the right side of the symbol; dry powder and CO<sub>2</sub> extinguisher shall have a minimum capacity of 5 kg (except those in lifeboats with 2 kg min.); foam and water extinguisher shall have a minimum capacity of 9 l, CO<sub>2</sub> extinguishers not to be arranged in corridors of accommodation. - spare charge capacities to be indicated in the legend )</p>				#)
19.	II-2/10.10  IGC Code 11.6  II-2/19.3.6  IBC Code 14.1; 14.2  IGC Code 14.2;14.4.4	<p><b>Fire Locker</b> (Locker containing fire-fighter's outfits, portable fire-fighting equipment and relevant spare parts.)</p> <div style="display: flex; align-items: center;"> <div style="border: 2px solid red; padding: 2px; margin-right: 5px;">FL</div> <p><b>Fire locker</b></p> </div> <p>(Indicate the number of the fire locker at the right side of the symbol. The principle contents of each locker should be indicated in the legend.)</p> <p><i>Fire-fighter's outfits</i></p> <ul style="list-style-type: none"> <li>- Cargo ships: at least 2 complete sets</li> <li>- Tanker: at least 4 complete sets</li> </ul> <p><i>Personal protection</i></p> <ul style="list-style-type: none"> <li>- 4 sets full protective clothing, resistant to chemical attack</li> <li>- 2 sets self contained breathing apparatuses</li> </ul>				
20.	II-2/ 13.3.4, 13.4.3  IBC Code 14.2.8  IGC Code 14.4.2	<p><b>Emergency escape breathing device (EEBD)</b></p> <div style="display: flex; align-items: center;">  <p><b>Emergency Escape Breathing Device (EEBD)</b></p> </div> <p>Indicate the quantity of the EEBDs stowed at the right side of the symbol. Training devices shall be indicated with <b>TRAINING</b>. Spare Devices should be indicated with <b>SPARE</b>.</p> <p>(see GL notes)</p>				
21.	II-2/13	<p><b>Means of escape</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><b>Primary escape route</b> (indication at the relevant doors)</p> </div> <div style="text-align: center;">  <p><b>Secondary escape route</b></p> </div> </div>				
22.	II-2/9.2.3, 9.2.4	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><b>A- class division</b></p> </div> <div style="text-align: center;">  <p><b>B-class division</b></p> </div> </div> <p>(minimum line point size of 2 ¼ , indication of the fire class e.g. A-60 is not required, only walls to be indicated in the deck-view, decks may be shown in the side view)</p>				

No.:	Rules SOLAS 74 incl. 2000 amend.	Subject	yes	no	n.a.	Remark
23.	II-2/9.4.2	<p><b>A- and B- class fire doors</b></p>  <p><b>A- class hinged fire door</b></p>  <p><b>B- class hinged fire door</b></p>  <p><b>A- class hinged self-closing fire door</b></p>  <p><b>B- class hinged self-closing fire door</b></p>  <p><b>A- class sliding fire door</b></p>  <p><b>B- class sliding fire door</b></p>  <p><b>A- class self-closing sliding fire door</b></p>  <p><b>B- class self-closing sliding fire door</b> (the symbol should be at the door position and should show the actual direction of the door, indication of the fire class e.g. A-60 is not required)</p> <p>Add <b>WT</b> to the right side of the symbol in case of a watertight door. Add <b>SWT</b> to the the right side of the symbol in case of a semi-watertight door.</p>  <p><b>Remote control for fire doors or watertight doors</b> Add <b>WT</b> to the right side of the symbol to indicate remote control for watertight doors or <b>FD</b> to indicate remote control for fire doors.</p>				
24.	II-2/9.7	<p><b>Ventilation systems</b></p>  <p><b>Fire damper</b></p>  <p><b>Closing device for ventilation inlet or outlet</b> (in ventilation ducts) (for the exterior ventilation openings)</p>  <p><b>remote control for fire damper(s)</b></p>  <p><b>remote control for closing device(s) for ventilation inlet or outlet</b></p>  <p><b>Ventilation remote control or shutoff</b> (colour and /or letter on the right side as follows: A = blue – for accommodation and service spaces M = green – for machinery spaces C = yellow – for cargo spaces)</p>  <p><b>Remote control for skylights</b></p>				

No.:	Rules	Subject	yes	no	n.a.	Remark
25.	SOLAS 74 incl. 2000 amend.  II-2/4.5.5	<b>Inert gas system</b>   <i>Inert gas installation</i>				
26.	II-1/43	<b>Emergency source of electrical power</b>   <i>Emergency source of electrical power (generator)</i>  <i>(battery)</i>   <i>Emergency switch board</i>				
27.		<b>Air compressor for breathing devices</b>   <i>Air compressor for breathing devices</i>				

#) extinguishing media should be colour-coded and indicated by a letter as follows:

- carbon dioxide            grey – **CO<sub>2</sub>**
  - nitrogen                    grey – **N**
  - gas other than CO<sub>2</sub> or N    brown – **H** (type of gas to be indicated)
  - foam                         yellow – **F**
  - powder                      white - **P**
  - water                         green – **W**
  - sprinkler                    green – **S**
- (or high pressure water extinguishing systems)