



**TECHNICAL CIRCULAR No. 773 of 5<sup>th</sup> April 2023**

To	All Surveyors/Auditors. All flags
Title	<b>Lifeboats and rescue boats-single fall and hook system</b>
Reference	LSA Code

**Single Fall and Hook Systems**

Single Fall and Hook Systems with On-Load Release Capability Lifeboats and rescue boats equipped with a single fall and hook system have a similar risk of accidental release during recovery operations as those with twin fall and hook systems.

Therefore, they should have similar safety standards since they are used and tested in the same way. In 2020, paragraph 4.4.7.6.17 of the LSA Code was modified to address this issue.

However, it was discovered that deleting a reference to paragraph 4.4.7.6.8 would result in applying it to off-load hooks, which is inappropriate for some mechanically simple off-load hooks with few moving parts. To resolve this issue, the Sub-Committee agreed to the draft amendments to Chapter IV of the LSA Code regarding single fall and hook systems.

The revised text would retain the agreed-upon amendments to paragraph 4.4.7.6.17 while amending paragraph 4.4.7.6.8 of the LSA Code for clarity.

The draft amendments will be presented to MSC 107 (Jun. 2023) for further consideration and approval.

**Goal-Based Framework for SOLAS Chapter III and the LSA Code - Hazard Identification Matrix**

The Sub-Committee continued discussions from the previous session and an inter-sessional working group regarding revising SOLAS Chapter III and the LSA Code. The main goals of the revision were to establish a safe and effective process for maintaining human life during and after abandonment ship situations, detecting and recovering people who have abandoned ship, safely rescuing individuals in need of assistance from the water and safely transferring sick or injured individuals from the vessel.

To achieve these goals, the Sub-Committee reviewed the outcomes of the Hazard Identification (HAZID) Workshop on LSA and concluded that the approach used during the workshop is a suitable tool for identifying hazards and associated risks as a basis for further work on functional requirements and regulations.

The draft hazard identification matrix relevant to ranking hazards was also discussed and progressed. The Sub-Committee invited member states and international organizations to provide specific casualty data related to post abandonment recovery, including survival time in the water. Due to time constraints, this subject was not able to be finalized at this session. Discussions on this subject will continue in an intersessional correspondence group and at SSE 10 (Mar. 2024).

**CONARINA Head Office**

6505 Blue Lagoon Dr. Suite 455

Miami, Fl., 33126

Tel: 1 (786) 558 5288,

Fax: 1 (786) 325 0200,

[joel@conarinagroup.com](mailto:joel@conarinagroup.com)



REFERENCES:

- SOLAS Chapter IV of the LSA Code

ATTACHMENTS: No

Kindest Regards,  
CONARINA Technical Office

**CONARINA Head Office**

6505 Blue Lagoon Dr. Suite 455  
Miami, Fl., 33126  
Tel: 1 (786) 558 5288,  
Fax: 1 (786) 325 0200,  
[Joel@conarinagroup.com](mailto:Joel@conarinagroup.com)