

1.0) Introduction to G-K3

The G-K3 lifeboat release and retrieval system is designed for davit-launched survival craft and allows for the simultaneous release of hooks even when the craft being towed is drifting or suspended from the davit. The system has undergone several improvements to enhance safety and reliability, including modifications to the engagement profile between the release cam and hook tail, the incorporation of a safety position indicator, and the use of non-corrosive materials throughout. The system is constructed from stainless steel and phosphor bronze bushes and utilizes sealed cables to eliminate the need for periodic lubrication, making it a highly dependable and efficient lifeboat release and retrieval system.

Caution

it is important for all operatives to thoroughly read this manual before any work commences related to the operation and maintenance of the equipment.

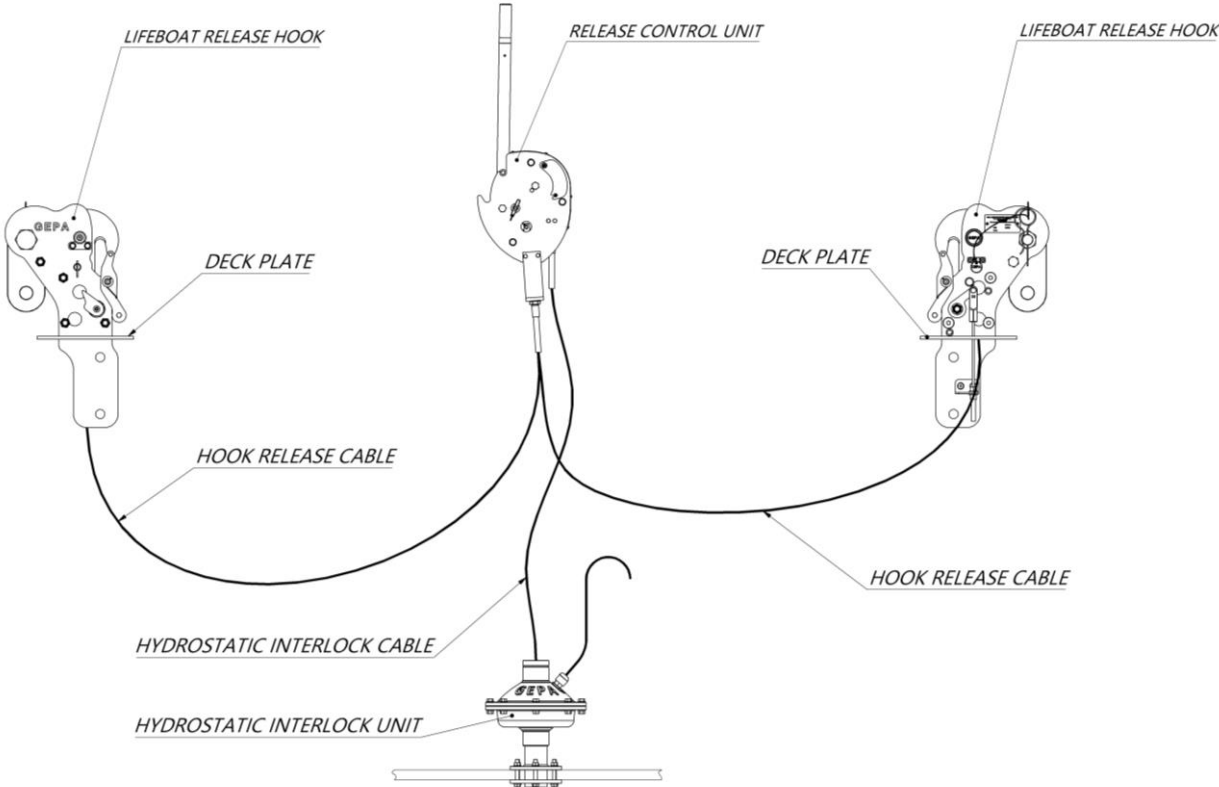
If there are doubts regarding the contents of this manual, please contact GEPA before starting any works.

GEPA cannot be held responsible for any incidents that may occur as a result of misinterpreting, extending, or deviating from the instructions outlined in this manual.

Note

To ensure proper recovery and stowage of the lifeboat, the procedures outlined in this document should be used in conjunction with the ship's standard operating procedures.

2.0 Lifeboat Release & Retrieval System – Essential Components



3.0 G-K3 - Lifeboat Release & Retrieval System

The G-K3 series of lifeboat release hooks is made up of seven (7) main interconnected components located within the lifeboat, which work together to ensure a safe and effective release of the lifeboat during different emergency evacuation scenarios. This on-load release system is capable of releasing the lifeboat whether it is floating on the water or suspended above it.

The Release Hooks play a crucial role in the system as the main weight-bearing components that support the entire weight of the lifeboat. To initiate a release, the operator can easily activate the Release Control Unit connected to each release hook with push-pull cables.

The Release Control Unit is outfitted with a safety interlock that ensures the inadvertent release of the hooks is prevented while the lifeboat is suspended. The interlock functions as a mechanical stop located inside the Release Control Unit and is triggered (opened) exclusively when the Hydrostatic Interlock Unit is in contact with water, which occurs when the lifeboat is in the water. In case the lifeboat fails to reach the water during an emergency evacuation, the release hooks can still be opened by utilizing an emergency release procedure that overrides the interlock.

Warning	<i>Overriding the safety interlock to conduct an emergency on-load release of the system can result in severe injury or even death. It is highly recommended to attempt a normal, waterborne release of the system whenever possible.</i>
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G-K3 Locked Condition

