

## TECHNICAL BULLETIN TB02-2023

5<sup>th</sup> September 2023



### Annual test of water contacts on Jotron float-free and manual EPIRB`s

Mandatory testing of EPIRBs is required by IMO SOLAS Ch.IV, Regulation 15.9 with Annual testing to be performed according to guidelines in IMO MSC.1/Circ. 1040 and Shore-based maintenance of EPIRB`s according to IMO MSC/ Circ.1039 (all revisions) at least every 5 years.

Only the IMO MSC/1039 requires the EPIRB water contacts to be tested, but to ensure the functionality of the water contacts throughout the EPIRB lifetime, now up to 11 years, we will encourage that this test is performed every year in conjunction with the annual IMO MSC/1040 test.

The water contact design on all Jotron EPIRB`s, which are approved and in compliance to either the performance standard in IMO Resolution A.810(19) or MSC.471(101), can easily be tested without any transmission of either the 406MHz, 121.5 MHz or AIS-EPIRB signals by following the guidance below.

#### Procedure:

Remove the EPIRB from its bracket. Prepare a cable and place one end of the cable to each of the seawater contact. After a few seconds, the EPIRB top LED will start flashing every 3 seconds. Hold the cable onto the water contacts for a few seconds, but no more than 10 after LED starts flashing. Disconnect the cable from the water contacts (the EPIRB will continue to flash for a period). The test is successful, and the water contacts are ok.

Should you have any questions related to this technical bulletin, please contact Jotron Support department; [support@jotron.com](mailto:support@jotron.com)

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