



All ICS Customers/ Surveyors

Respectfully

According to latest IMO Resolutions, the maintenance requirement and scheduling of EPIRB, AIS, SART and VDR/ S-VDR are as below:

A) EPIRB (According to SOLAS Ch.IV Reg.15.9 which was replaced by Res.MSC.152(78), Entered into force on 01.07.2002)

- **Annual test** to be done for all aspects of operational efficiency, with special emphasis on checking the emission on operational frequencies, coding and registration. (The test may be conducted on board the ship), and may be carried out:
 - On passenger ships, within 3 months before the expiry date of the Passenger Ship Safety Certificate
 - On cargo ships, within 3 months before the expiry date, or 3 months before or after the anniversary date, of the Cargo Ship Safety Radio Certificate
- at **intervals not exceeding five years**, maintenance to be performed at an approved shore-based maintenance facility.

B) AIS (According to SOLAS Ch.V Reg.18.9 which was added by Res.Msc.308(88) adopted on 03.12.2010 and MSC.1/Circ.1252)

- **Annual test** to done for verify the correct programming of the ship static information, correct data exchange with connected sensors as well as verifying the radio performance by radio frequency measurement and on-air test using, e.g., a Vessel Traffic Service (VTS).
- The test shall be conducted by an approved surveyor or an approved testing or servicing facility and a copy of the test report shall be retained on board the ship.
- The annual testing may be carried out:
 - On passenger ships, within 3 months before the expiry date of the Passenger Ship Safety Certificate
 - On cargo ships, within 3 months before the expiry date, or 3 months before or after the anniversary date, of the Cargo Ship Safety Radio Certificate

C) VDR / S-VDR (According to SOLAS Ch.V Reg.18.8 and MSC.1/Circ.1222)

- **Annual performance test** should be carried out for voyage data recorder system, including, all sensors. In addition, tests and inspections shall be conducted to determine the serviceability of all protective enclosures and devices fitted to aid location.
- The test shall be conducted by an approved testing or servicing facility to verify the accuracy, duration and recoverability of the recorded data and a copy of the certificate of compliance issued by the testing facility, stating the date of compliance and the applicable performance standards, shall be retained on

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board the ship, also the manufacturer must complete a review, record any changes and issue the completed test report within 45 days.

- The annual testing may be carried out:
 - On passenger ships, within 3 months before the expiry date of the Passenger Ship Safety Certificate
 - On cargo ships, within 3 months before the expiry date, or 3 months before or after the anniversary date, of the Cargo Ship Safety Radio Certificate

D) SART

- Annual test in order to make sure that Search and rescue locating device is equipped with a means which is either visual or audible, or both visual and audible, to indicate correct operation and to alert survivors to the fact that a radar has triggered the SART; check the expiry date of battery and labeling.

The maximum period between subsequent checks (for EPIRB, AIS and VDR/S-VDR) is, therefore, 15 months for passenger ships and 18 months for cargo ships, unless either certificate has been extended as permitted by SOLAS regulation I/14, in which case a similar extension may be granted.

The electronic file of this document could be found at the following address:

<http://ics.org.ir/Pages/fa/Statutory.aspx#part>

Also this Electronic File will be sent via email to all respectful ICS Customers and Surveyors.

Ehsan Hassani
Manager of Convention & Legislation Department
Iranian Classification Society

E. Hassani
(ICS)

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This circular will be available on ICS E-fleet software with reference number 32/99/0010.

