

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**IEC 61097-2**  
Edition 4.0 2021-06

**GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM (GMDSS) –**

**Part 2: Cospas-Sarsat EPIRB – Emergency position indicating radio beacon  
operating on 406 MHz – Operational and performance requirements, methods of testing  
and required test results**

### **CORRIGENDUM 1**

#### **4.3.4.2 First generation beacons (FGBs)**

*Replace, in the existing fourth paragraph, the reference "5.8.1" with "5.8.2".*

#### **4.3.4.3 Second generation beacons (SGBs)**

*Replace, in the existing fourth paragraph, the reference "5.8.1" with "5.8.2".*

#### **4.4.2 Indicator functions**

*Replacle, in the existing list item a), the references "4.3.3 c)" and "4.3.3 e)" with "4.3.3 d)" and "4.3.3 f)".*

#### **5.8.2 RLS self-test**

*Replace, in the existing paragraph, the references "4.3.4.1 or 4.3.4.2" with "4.3.4.2 or 4.3.4.3".*

#### **6.19 Spurious emissions**

*Replace, in the existing penultimate paragraph, the reference "item e)" with "item f)".*

#### **E.2.7.1 Active mode**

*Replace the existing last paragraph with the following new paragraph:*

Once a position has been obtained, the GNSS receiver may be put into a sleep mode while maintaining time synchronization, but shall be reactivated at least once every 5 min in order to obtain updated time and position.

#### **E.2.8 Position source and data**

*Replace the existing last paragraph with the following new paragraph:*

If position and time synchronization are lost, then the EPIRB shall continue to transmit with the last known position, COG and SOG, and the time stamp field shall be set to a value of 63 "positioning system inoperative" and with the synchronization state set to 3.

**E.3.2.2.1 Message 1 format and content**

*Replace the existing second paragraph with the following new paragraph:*

In the GNSS self-test mode, the EPIRB shall broadcast Message 1, as defined in 4.3.4.4 and Recommendation ITU-R M.1371, with the Navigational status set to "15".

**E.3.2.2.2 Message 14 format and content**

*Replace the existing second paragraph with the following new paragraph:*

In both self-test modes, the EPIRB shall broadcast Message 14, as defined in 4.3.4 and Recommendation ITU-R M.1371, with the text "EPIRB TEST" alternated with the text "THHHHHHHHHHHHHHHHH", where "T" indicates that this is a "Test" transmission and "HHHHHHHHHHHHHHHH" is the 15 Hex ID of the 406 MHz EPIRB.