

Information to Recognized Organizations and Danish shipping companies

13-04-2023

**Our reference:**

Case 2023118633

Office

/Niels Skriver Nielsen

Chief Ship Surveyor

## **Statement from DMA regarding LRIT transmission failure**

The Danish Maritime Authority has been informed that due to a GPS rollover on 25 March 2023, some Long Range Identification and Tracking (LRIT) units may not be transmitting their positions. This may have an impact on the Ship Security Alert System (SSAS) as well if linked to the same terminal.

**DANISH MARITIME AUTHORITY**

Caspar Brands Plads 9

DK-4220 Korsør

Denmark

The reason for this malfunction is that the LRIT equipment has not been upgraded. Specifically, the LRIT model TT-3026X, which utilizes a GPS module from the manufacturer Garmin, has proven unable to manage the GPS rollover, causing glitches in the date/time stamp. The product has been declared end of service and there are no longer any software updates available. The only way to resolve the issue is to replace the terminal.

Tel. +45 72 19 60 00

CVR-no. 29 83 16 10

EAN-no. 5798000023000

[dma@dma.dk](mailto:dma@dma.dk)

[www.dma.dk](http://www.dma.dk)

The Danish Maritime Authority acknowledges that delivery time of new equipment may be an issue and therefore accepts that ROs impose a statutory deficiency regarding this issue with a deadline for rectification until **1 July 2023**.

MINISTRY OF INDUSTRY,  
BUSINESS AND FINANCIAL  
AFFAIRS

In case of unforeseen extraordinary circumstances, preventing the exchange of equipment, the DMA must be notified and presented with an action plan for rectification.

In the meantime, the vessel may continue to operate.

Kindly also refer to the appendix from the manufacturer.

For further information or questions, please contact [ro@dma.dk](mailto:ro@dma.dk).

**Appendix:** Letter from Cobham Satcom (*on behalf of Thrane & Thrane A/S*), March 29 – 2023

Kgs. Lyngby, March 29 - 2023

To whom it may concern,

**Regarding GPS rollover on Mini-C (TT-3026X)**

Due to GPS Rollover some units of the Mini-C (TT-3026) are from March 25<sup>th</sup> – 2023 having errors in the Date/Time stamp.

The errors have been identified as caused by the GPS module (Garmin) used in some of the units being unable to handle the recent GPS rollover.

The error does not occur on all TT-3026X. Some TT-3026Xs are build using a GPS module from U-Blox. These are still OK.

The TT-3026X in the field are +13 years old.

The product has been declared End of Service for some time and can no longer be updated to new GPS settings.

Signed for and on behalf of Thrane & Thrane A/S



Niels Peter Agdal

**Cobham SATCOM**