

Notification Date: November 6, 2019
Effective Date: November 3, 2019

PRODUCT CHANGE NOTIFICATION

GPS Rollover

Product Identification

List of all Affected Products: UR5i v2F, Bivias v2, LR77 v2F, Spectre LTE and Smart-Flex SR306 having cellular modules *Gemalto PHS8-P rel. 2.003*, *Sierra Wireless MC7750*, *Sierra Wireless MC7304*, *Sierra Wireless MC7710* or *Sierra Wireless MC7700*.

Issue Description

Detailed Description of the Issue: The current date, reported by the GPS module, will be incorrect. It affects all the products listed above and will commence on **3 November 2019**. This issue is related to the firmware of the cellular module.

Anticipated Impact

Detailed Description of the Impact: The incorrect date will be shown in the GPS user module. Affected are the data sent by this module as well. The reported date will match the 1024 weeks subtracted from the current date.

Actions Taken

Detailed Description of Actions Taken: The value of the current date was fixed by the software of the GPS user module. Fixed were following NMEA sentences coming from the GPS module: \$xxTRF, \$xxRMC and \$xxZDA, where *xx* is *talker ID*, which is typically "GP".

To fix this issue in the NMEA sentences listed above and in the GUI of the GPS user module, update the GPS user module to version 1.6.6 or higher. The installation file is available at the address: <https://ep.advantech-bb.cz/products/software/user-modules#gps>.