

# **Coriolis Gas Interface**

Application issue

10/12/2017

# 1 Introduction

An issue was discovered with the RMC-100 and  $\mu$ FLO<sup>G5</sup> when measurement applications will miss 1 second at the top of the hour if the Gas Coriolis Interface application was being utilized. In this case, all enabled measurement applications will be short 1 second at the top of each hour. If the Coriolis Gas Interface was not enabled and being utilized, all log records of all measurement runs are complete and are not affected.

# 2 Description

Measurement applications may be short 1 second. An hourly record that should have 3600 seconds will reflect 3599 seconds. This issue is known to occur only in the RMC-100 and  $\mu$ FLO<sup>G5</sup>. This issue will only occur in these devices, if the Gas Coriolis Interface application is enabled. If the Gas Coriolis Interface application is enabled, all measurement applications will be affected, including AGA3 or AGA7 applications.

The Gas Coriolis Interface issues have been detected in the products and software shown in Table 1.



### IMPORTANT NOTE

Table 1 provides both the Flash and the customer package versions. Customer packages contain the OS in addition to the Flash.

Product model	Component	Part number
$\mu$ FLO <sup>G5</sup>	Customer package	2105409-012 and earlier
	Flash	2105298-006 and earlier
RMC-100	Customer package	2105452-020 and earlier
	Flash	2105457-019 and earlier

Table 1: Impacted products and software

# 3 Is your product impacted?

Only the products with the flash numbers shown in Table 1 above are affected and if the Coriolis Gas Interface application is enabled and utilized.



### IMPORTANT NOTE

This issue is not present if the customer is not using the Gas Coriolis Interface application.

Follow the steps in section 3.1, Determine software part or version numbers, to verify if your product is impacted.

### 3.1 Determine software part or version numbers

To determine if your product is impacted, verify the Flash number currently active on the device:

1. Connect to the device on PCCU entry mode (Fig. 1).

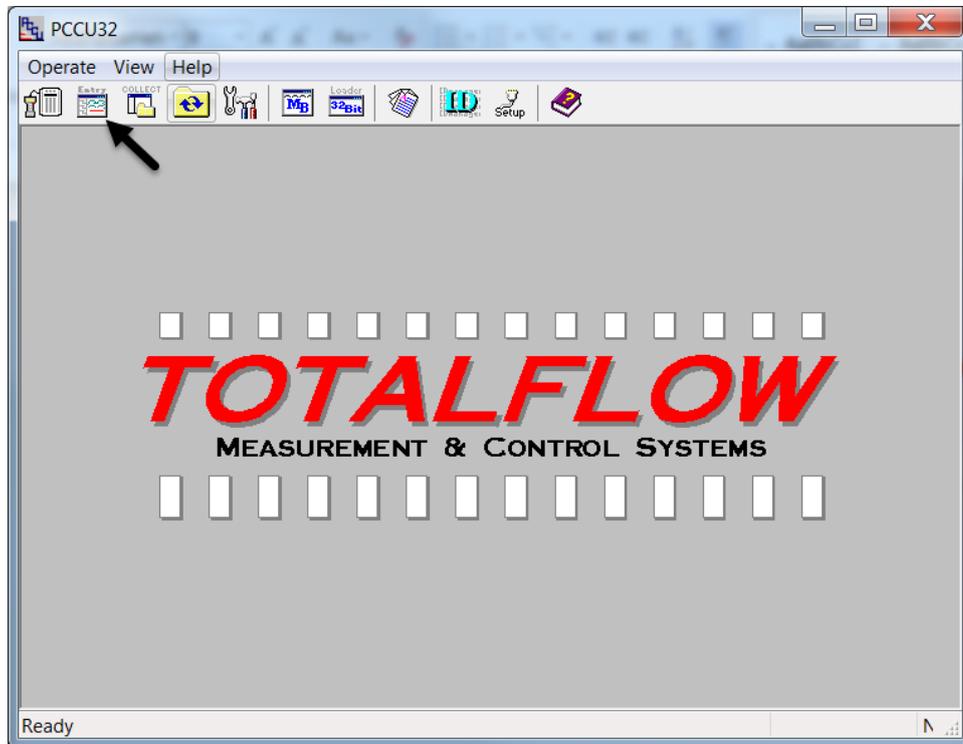


Fig. 1: Main PCCU screen

2. On the navigation tree select the top node on the tree, or the station name (Fig. 2).

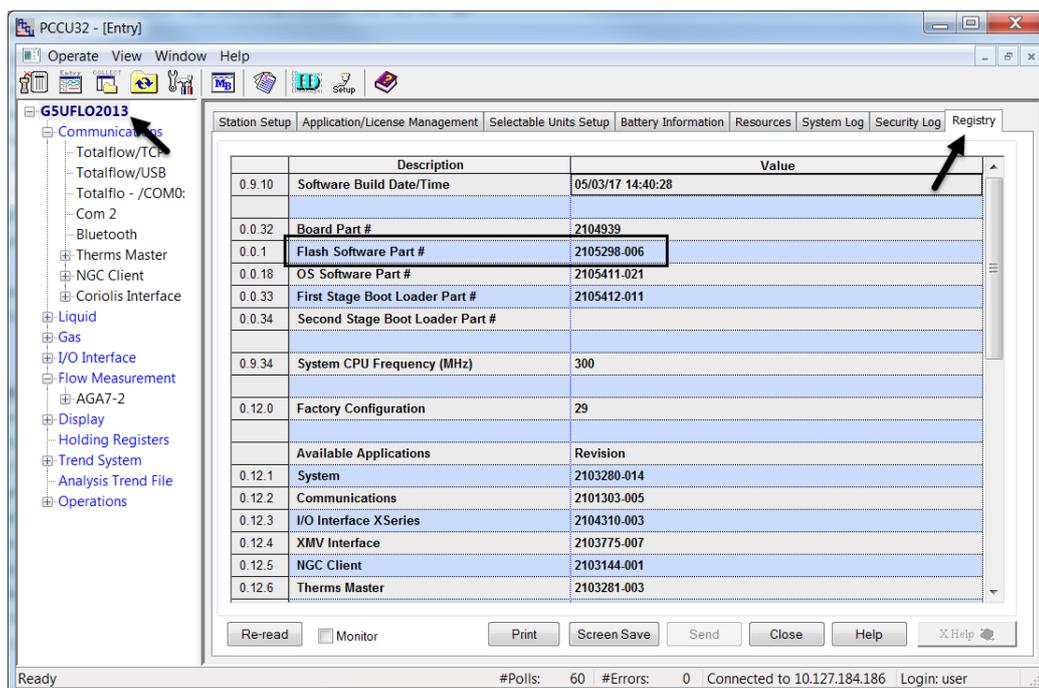


Fig. 2: Verifying the installed Flashed Software part # on the **Registry** tab

3. Select the **Registry** tab.
4. Locate and take note of the Flash software part #.
5. If the Flash software part # matches the Flash number in Table 1, proceed to section 4.

## 4 Resolution

If it is determined that your product is impacted, upgrade the device. The software package numbers containing the Flash version correcting the problem are shown in Table 2. Either the customer package or the Flash package can be used to upgrade the Flash.

### IMPORTANT NOTE



Customer packages contain both the OS and the Flash. If using a customer package, both the OS and the Flash can be selected for the upgrade. For additional information or upgrade instructions see the Embedded Software Release notes for customer packages 2105409 ( $\mu$ FLO<sup>G5</sup>) and 2105452 (RMC-100).

Product model	Component	Part number
$\mu$ FLO <sup>G5</sup>	Customer package	2105409-013 or greater
	Flash	2105298-007 or greater
RMC-100	Customer package	2105452-021 or greater
	Flash	2105457-020 or greater

Table 2: Software versions for upgrade



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