

RELEASE NOTE – KNOWN ISSUES – 1MRG028134 – JULY 7TH, 2017

Known issues in Relion® 670/650 series version 2.2



When using Precision Time Protocol (PTP) in Substation Automation Systems with Relion® 670/650 series version 2.2

In order to avoid the IEC/UCA 61850-9-2 smpSync dropouts at IEC/IEEE 61850-9-3 grandmaster clock transitions or loss of grandmaster clock the following is recommended:

- a) Always use two independent PTP grandmaster clocks in Substation Automation System solutions.
- b) Always use a direct PTP station bus synchronization towards the process bus devices.

The above guarantees that the smpSync is not dropped during the clock transition or loss of a grandmaster clock.

Update 3rd July, 2019

Affected products Relion 670 series version

2.2.0 correction pending

2.2.1 corrected in 2.2.1.4

2.2.2 correction pending

2.2.3 corrected in 2.2.3.1

Affected products Relion 650 series version

2.2.0 correction pending

2.2.1 corrected in 2.2.1.4

Update 10th October, 2019

Affected products Relion 670 series version

2.2.0 correction pending

2.2.1 corrected in 2.2.1.4

2.2.2 corrected in 2.2.2.2

2.2.3 corrected in 2.2.3.1

Affected products Relion 650 series version

2.2.0 correction pending

2.2.1 corrected in 2.2.1.4

Kind regards,

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