

## Clarification Request

**References:** 135.1 - 2007 - 7.3.2.24.4 Log\_Interval Test

### Background / Proposed Solution:

Test Plan Section 7.3.3 Supports Periodic Logging (Polling) contains just one test, the 135.1 - 2007 - 7.3.2.24.4 Log\_Interval Test

Purpose: To verify that the logging period is controlled by Log\_Interval.

Test Concept: The Trend Log is configured to acquire data by polling. Polling is done at two different intervals, defined by Log\_Interval, with about 10 records acquired at each rate. The timestamps of the records are inspected to verify the polling rate.

Configuration Requirements: Start\_Time, if present, shall be configured with a date and time preceding the beginning of the test. Stop\_Time, if present shall be configured with the latest possible date and time, in order that it occur after the end of the test. Stop\_When\_Full, if configurable, shall be set to FALSE. Log\_Enable shall be set to TRUE. Non-zero values shall be chosen for Log\_Interval in accordance with the range and resolution specified by the manufacturer for this property.

Test Steps:

1. WRITE Log\_Interval = (some non-zero value)
2. WRITE Record\_Count = 0
3. WAIT (**Internal Processing Fail Time** + 10\* Log\_Interval hundredths-seconds)
4. VERIFY (Log\_Buffer record timestamp intervals, on average, are as written in step 1)
5. WRITE Log\_Interval = (a non-zero value different from the one written in step 1)
6. WRITE Record\_Count = 0
7. WAIT (**Internal Processing Fail Time** + 10\* Log\_Interval hundredths-seconds)
8. VERIFY (Log\_Buffer record timestamp intervals, on average, are as written in step 5)

### Question:

Since Log\_Interval can be read-only when Logging\_Type has the value TRIGGERED, shouldn't we do more to get this test started?

### Response:

A BTL Specified test will be derived from the 135.1 - 2007 - 7.3.2.24.4 Log\_Interval Test. It will specify Logging\_Type not equal to TRIGGERED, by means of a sentence in the Configuration: section of the test. Corresponding proposal DO-019, with this correction, will be sent to the SSPC.