WG14 Part 9 Issues - CIM Issues #6507

Support IoT sensors by adding durations of time in the seconds range.

08/17/2023 08:04 AM - David Haynes

Status:	New		
Priority:	Normal		
Target version:			
Author/Contact Info:	dhaynes@hubbell.com	**Standard(s):**	61968-9
Base Release:		**Version:**	4
Solution to be Applied To:		**Clause:**	Annex C
Solution Version:		**Sub-Clause:**	C.2.4
Solution Applied By:		**Paragraph:**	
Completion Date:		**Table:**	C.3
CIM Keywords:	61968-Metering	**Originally Closed in Version:**	
Breaking Change:	No	**Origination Date:**	08/17/2023
Breaking Change Description:		**Origination ID:**	
CIM Impacted Groups:	WG14	**Originally Assigned To:**	
Requestor:	David Haynes		

Description

Annex C Attribute #3 contains measuringPeriod enumerations -- most of which are sized in "minutes". However, some applications require seconds, and others hours.

Proposed Solution

Propose adding:
1,2,3,4,5,6,10,12,15,20, and 30 seconds.
4,6 min
8h

existing:
1, 2, 3, 5, 10, 12, 15, 20, 30, 60 min
(1), 2, 3, 4, 6, 12, 24h

Decision

Proposal accepted in the Part 9 team meeting on 8/17/23.

History

#1 - 08/17/2023 08:35 AM - David Haynes

- Origination Date set to 08/17/2023

- CIM Keywords 61968-Metering added

- CIM Impacted Groups WG14 added

- CIM Impacted Groups deleted (None)

#2 - 08/17/2023 10:26 AM - David Haynes

- Decision updated

#3 - 08/17/2023 11:06 AM - David Haynes

Part 9 document, 4th edition CD1 updated on 8/17/23.

#4 - 08/18/2023 08:05 AM - David Haynes

If we add a few more sizes in the millisecond range we can create the means to represent digitized waveform samples. These could be

"instantaneous" or "deltaData". Suggest adding: 100, 10, 1 ms. Perhaps also 100, 10, and 1 microsecond. It would also be good to add a paragraph to the document narrative to explain the use of these various sizes.

#5 - 09/21/2023 02:11 PM - David Haynes

Proposal to add a series of smaller time intervals accepted during a team meeting on 9/21.