

**Cummins Surveillance Panel Teleconference
November 6, 2017 10:30 – 11:30 EDT**

Attendance:

Sean Moyer - TMC
Kevin O'Malley, Nick Ariemma, Patrick Joyce, John Alborn - LZ
Bob Campbell- Afton
Bob Salgueiro, Elisa Santos Jim Gutzwiller - Infineum
Jose Starling, Jim McCord - SwRI
Dan Lanctot - TEI
Jim Moritz, Josh Ward, Martin Chadwick - Intertek
Jim Rutherford, Mark Cooper - Chevron Oronite
Ryan Denton, Phil Shelton -Cummins

Agenda:

Review wording and vote to incorporate the new LTMS into the ISB test.

The discussion started with the consequences of triggering a Level 2 Zi alarm. Should that shut a lab down in a lab based system? There is historical evidence that when that consequence existed in the past there was a higher invalid test rate in order to keep a lab running. Martin Chadwick suggested that similar to the level 3 Ei alarm steps the severity adjustments should not be updated if a level 2 Zi alarm is triggered until an acceptable reference test has been run.

Patrick Joyce brought up the fact that concerns about one stand affecting results suggest we should consider moving to a stand based system.

There was a lengthy discussion about the merits and drawbacks of moving to stand based system as well as the analysis that has been done for the ISB for lab vs. stand based system.

Kevin reviewed a spreadsheet showing LTMS changes with a stand based system. Kevin will update the spreadsheet with current information and another call will be scheduled to discuss the updated data.

Next call is scheduled for 10:30 EST on November 28th, 2017.