

Meeting notes for May 24, 2004 I++ DME implementer's conference call

Meeting secretary: John Horst
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May 25, 2004

Name	Organization	Present
Ray Admire	Lockheed Martin	
Manfred Becker	Zeiss	
Perluigi Borgogno	Wilcox Associates	✓
Joe Falco	NIST	
Sandy Gill	Ford	✓
Swen Haubold	Mitutoyo	
Erhardt Heft	Zeiss	✓
John Horst	NIST	✓
René Keller	Metromec	✓
Tom Kramer	NIST	✓
Chuck Leckenby	Tecnomatix	
Mike Martini	General Electric Transportation	✓
Günter Moritz	Messtechnik Wetzlar	
Michel Penlae	Wilcox Associates	✓
Chiratana Pot	Tecnomatix	✓
Walter Punegam	Zeiss	
Josef Resch	Zeiss	✓
Bill Rippey	NIST	✓
John Rosser	Renishaw	
Ken Sheehan	Entelegence	
Dave Smith	LK	✓
Rob Stewart	Daimler-Chrysler	
Keith Stouffer	NIST	
Tim Taylor	General Electric Transportation	
Mark Vinson	Boeing	
Bob Waite	Daimler-Chrysler	
Betsy Weddendorf	General Electric Transportation	
Martin Wimmer	Zeiss	

1 IMTS demo (of I++ DME interoperability)

John reported that he spoke with Bob Waite of Daimler-Chrysler about securing participation for the IMTS demonstration and that Bob sent an email describing the display area, a proposed demo scenario, and demo system development at the NIST testbed. Here is Bob's description of the scenario: "We would develop an offline inspection program, export the program to the CMM machine in DMIS, run the inspections and export the results utilizing DML. The inspection features will be simple cylinders and planes. The program would include a probe rotation and a probe qualification. The test part will be supplied by Daimler-Chrysler and the control PC by NIST. " Note that this scenario is consistent with the suggestion by Rob Stewart at the last conference call (April 10, 2004) that there be more activity of the CMM than mere inspection.

As yet NIST has not generated a precise description of the inspection plan that the CMMs will be expected to execute at the IMTS demo.

2 Distributed interoperability tests

John asked if anyone is doing distributed interoperability tests using the simple part and its DMIS program. Perluigi and René said that they have begun such tests.

3 I++ DME specification

John mentioned that he talked with Bob Waite about DMIS/I++ DME meeting. No progress on that yet.

John asked if any progress has been made on the NIST comments and on the I++ DME spec. Josef said that the I++ DME group had a meeting where they worked through the NIST list, making decisions about each of the comments, but didn't complete all. Günter and Josef had these uncompleted comments as task items to do after the meeting. They still need to make necessary changes to the spec based on these decisions.

Chiratana mentioned that they sent a calibration use case to the I++ DME group and he asked Josef if they had examined it? Josef said that the use case arrived one day after the most recent meeting of the I++ DME, but asked that we talk about it at the next conference call meeting in two weeks (June 7, 2004).

Tom mentioned that NIST is working on a new release (3.0) of the NIST test suite and that he has added (among other things) new commands and server-initiated responses that will make the test suite compliant with version 1.4 of the I++ DME spec.

Tom suggested that the I++ DME spec writers add some examples in the spec on server-initiated PtMeas responses.

4 New and outstanding action items

- NIST will obtain or generate a DMIS program for inspecting the DCX part and distribute this (along with CAD) to the group for comment and implementation in their client software.
- The AIAG MEPT (with help from NIST) will seek to obtain commitments from I++ DME compliant CMM vendors and I++ DME and DML compliant software vendors to participate in the IMTS demonstration.
- We need to discuss Chiratana's calibration use case at the next conference call meeting.
- NIST will send out new distributed interoperability testing schedule for the simple test artifact.

Our next meeting is planned for June 7, 2004. Talk with you then!