



Test Monitoring Center

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MEMORANDUM: 01-161
DATE: November 21, 2001
TO: Mr. John Shipinski, ASTM Test Monitoring Board Chairman
FROM: Frank M. Farber
SUBJECT: Data Communication Committee Report

The Data Communications Committee (DCC) has met one time since the June 2001 ASTM meetings: October 18, 2001. The following is a brief summary of the events, action items and recommendations brought forth at this meeting:

- Over the last period the DCC has readdressed T10 and M11EGR data dictionaries based upon surveillance panel refinements. Several other test area report packets have been modified according to surveillance panel direction. Currently, the Caterpillar 1R and Two-cycle test areas are consuming most of the DCC data dictionary testing resources. These activities consume a significant portion of members time and resources. In addition, these activities have consumed a significant portion of the TMC's computer staff resources.
- The Committee through the Electronic Data Transmission Task Group, has approved Secure Socket Layer (SSL) transmission protocol of test data as a replacement for the aging X.400 transmission protocol. Additional work is required to define details of the use of SSL.
- This period marks a high point in the number of tests the TMC receives via the DCC Electronic Test Report Transmission Model. The gains have been made in the bench test area pushing the percentage of tests the TMC receives electronically to 86% (prior periods were ~69 %).
- The TMC presented an Adobe pdf solution to replace JetForms and provide internet data entry, viewing capability. The TMC will be doing further development internally.
- Attachment 1 shows the current scope and objectives of the DCC.
- Action Item: Develop SSL protocol details.

Future meeting schedule:
Call of the Chairman

FMF/fmf

c: J. L. Zalar

ftp://tmc.astm.cmri.cmu.edu/docs/Data_Communications_Committee/tmb_reports/astm_200112.pdf

Attachment 1

DATA COMMUNICATIONS COMMITTEE

Scope:

To address industry wide computer related issues and provide a forum for discussion and subsequent technical solutions to aid in standardization of computer related activities and communications systems.

To oversee, enhance and maintain the Electronic Test Report Transmission Model.

Data Communications Committee Objectives

Stabilization of Data Dictionaries – High Priority				
Test Area	Beta Team Leader		Status	Expected Completion Date
	SR	EG		
Two-Cycle Areas	1		Completed	11-2001
1R	2		Beta Testing	12-2001
Current Test Area Revisions			Ongoing	
Medium – Low Priority				Address Date
Electronic Data Transmission Methods (SSL)				5-2002
Digitized Photographs				4-2003
Adobe replacement for Jetforms				10-2002
Electronic Test Scheduling				10-2002
Digitized Signatures				10-2002