

Exhibit MM



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Qualification Test Report Diebold Election Systems GEMS 1-18-24

**Original Report Version 1.0 for GEMS 1-18-24 created 07/20/05
(updated 8/03/05)**

Addendum 1 for GEMS 1-18-24 created 09/30/05

Addendum 2 for GEMS 1-18-24 created 04/21/05

Addendum 3 for GEMS 1-18-24 created 04/26/06

Vendor: Diebold Election Systems

Software: GEMS 1-18

Prepared By: CIBER, Inc.

Test Report
Diebold Election Systems GEMS 1-18-24

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Appendix A Wyle Laboratories Report No. 52501-07

1 DESCRIPTION

Hardware changes were made to the AccuVote-TSx Voting Machine Tablet (resulting in the 'Model D' nomenclature). Additionally the operating system and bootloader were upgraded to later versions. CIBER was requested to perform a system level test to verify that the changes did not adversely affect the operation of the AccuVote-TSx Model D with the previously qualified GEMS 1-18-24.

1.1 Review of Wyle Laboratory Reports

Source Code Review (previously performed), TDP Review, and Functional Regression Testing were performed on the AccuVote-TSx Model D by Wyle Laboratories. CIBER reviewed the following report from Wyle before performing end-to-end testing.

Test Report 52501-07 – Hardware Qualification Testing of the Diebold Election Systems AccuVote TSx Model D DRE Voting Machine with AccuView Printer Module (Firmware Release 4.6.4) – April 17, 2006.

CIBER reviewed this report and noted that it demonstrated, that the AccuVote-TSx Model D DRE Voting Machine with AVPM, as tested, using firmware release 4.6.4, successfully met the qualification test requirements of the federal Election Commission Voting System Standards, April 2002. The Wyle report included an Engineering Test Report prepared by NEMKO USA, Inc. (NVLAP Lab Code # 100426-0).

The operating environmental test, all required electrical tests, and a product safety evaluation were performed to verify that the changes did not affect the operation of the AccuVote TSx DRE Voting Machine. Additionally, functional regression testing was performed to ensure the compatibility of the DRE Voting Machine Functions at the precinct level using the updated OS Version WCER7-410.3.4.

BallotStation Firmware Release 4.6.4 used to verify the functionality of the updated CE had previously been subjected to a source code review and functional testing using the previous OS Version WCER7-410.2.1, the results of which are documented in Wyle Change Release Report No. 52501-01 dated November 14, 2005, and that no additional review was performed prior to functional regression testing.

The functional testing performed at Wyle was limited to the software and hardware used at the precinct level and did not include testing with GEMS. It was determined that CIBER would perform end-to-end testing to include both the hardware and software used in the functional testing at Wyle and the election management system (EMS) GEMS 1-18-24.

1.2 End-to-End System Testing

Test Environment

Software

- **Gems.exe** - The GEMS 1-18-24 program dated 5/13/05

Test Support Hardware and Software Tools

The AccuVote-TSx devices used in this testing were the same devices tested at Wyle.

- **AccuVote-TSx Precinct Count with AVPM (Touch Screen with Printer Module)**
Bootloader BLR7-1.3.3 running Windows CE WCER7-410.3.4 operating system and 4.6.4 Firmware
- **AccuVote-TSx Precinct Count without AVPM (Touch Screen)** Bootloader BLR7-1.3.3 running Windows CE WCER7-410.3.4 operating system and 4.6.4 Firmware

**(Note: These were used to collect votes, write memory cards, consolidate votes, and to test the interfaces of the GEMS application software. Actual source, TDP, and functional reviews of these devices were performed by the hardware ITA.)*

COTS Support Hardware and Software

A list of COTS products utilized by each software and hardware application in the voting system follows:

- **GEMS 1-18-24: X86 Family 130,616 KB Ram with MS Windows 2000 5.00.2195 Service Pack 4**

CIBER completed the end-to-end testing of the AccuVote-TSx Model D with GEMS 1-18-24. The main goal of this testing was to verify that the interfaces between the GEMS 1-18-24 software application and the updated AccuVote-TSx Model D met the 2002 FEC standards. The functional regression testing performed by CIBER included loading the same elections used in the original end-to-end test of the AccuVote-TSx with GEMS 1-18-24, producing voter cards, accumulating summary data from the touchscreen devices, and reporting results for the elections. The system level test exercised both primary and general elections and included contests, candidates and proposals. Votes were generated using the AccuVote-TSx Model D.

Please note that the ABasic file used in the functional testing was 195US.abo Version 1.15.

Since GEMS 1-18-24 had not changed since its qualification of 9/30/2005, no additional testing of GEMS other than that required for testing the interfaces of the newly added device was performed.

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CIBER performed the following tests:

Database Type	
Open Primary Election	<p>Load Open Primary Election (created for original test of GEMS 1-18-24 with AccuVote TSx running 4.6.4)</p> <p>Include Ballots that demonstrate the following special circumstances:</p> <ul style="list-style-type: none"> Non-Partisan Candidates Write-In Candidates Shadow Races Multiple Precincts <p>Download to AccuVote-TSx (via ethernet)</p> <p>Create Voter Cards</p> <p>Vote Ballots</p> <p>Review each ballot voted on TSx</p> <p>Collect on AccuVote-TSx</p> <p>Print Result Tapes</p> <p>Upload Results (via Ethernet)</p> <p>Review Server Logs</p> <p>Produce Reports</p> <ul style="list-style-type: none"> Compare Reports to Tapes Produced by TSx Compare Ballots uploaded to GEMS to those stored on TSx
Closed Primary Election	<p>Load Closed Primary Election (created for original test of GEMS 1-18-24 with AccuVote TSx running 4.6.4)</p> <p>Include Ballots that demonstrate the following special circumstances:</p> <ul style="list-style-type: none"> Non-Partisan Candidates Write-In Candidates Shadow Races Multiple Precincts Split Precincts Question Races Provisional Ballots <p>Download to AccuVote-TSx</p> <p>Vote Ballots including overvotes, undervotes, and blank ballots</p> <p>Vote Provisional Ballots</p> <p>Upload Results to GEMS</p>

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	<p>View Voted Ballots</p> <p>Accept Provisional Ballots</p> <p>Produce Reports</p> <p>Compare Reports to Tapes Produced by TSx</p> <p>Verify that overvotes, undervotes, and blank votes were handled properly</p>
General Election	<p>Load General Election (created for original test of GEMS 1-18-24 with AccuVote TSx running 4.6.4)</p> <p>Include Ballots that demonstrate the following special circumstances:</p> <p>Straight Party</p> <p>Cross Party Endorsement</p> <p>Split Precinct</p> <p>Recall Race</p> <p>Candidate Rotation within Party</p> <p>Vote for N of M</p> <p>Write-In Candidates</p> <p>10 Precincts</p> <p>Provisional Ballots</p> <p>View Ballots</p> <p>Print Ballots</p> <p>Download (via Ethernet) to AccuVote-TSx</p> <p>Vote Ballots from 5 Precincts</p> <p>Vote Provisional Ballots</p> <p>Upload Results to GEMS</p> <p>View Voted Ballots</p> <p>View Logs</p> <p>Produce Reports</p> <p>Compare Reports to Tapes Produced by TSx.</p>

The successful completion of these tests verified that the changes to the AccuVote-TSx Model D running Firmware Version 4.6.4 had no effect on its functionality with GEMS 1-18-24, and that the qualification test requirements of the Federal Election Commission Voting System Standards, April 2002 are met.

SUMMARY OF REPORTS AND ADDENDUMS

Original Report (2002)

Integration Test Suite	GEMS Clients	Source Code	TDP
GEMS 1-18-24	AccuVote-OS Precinct Counter (Optical Scan) 1.96.6 Firmware(2002) AccuVote-OS Central Counter (Optical Scan) 2.0.12 Firmware(2002) AccuVote-TSx Precinct Counter with AVPM (Touch Screen with Printer Module) Bootloader BLR7-1.2.1 running Windows CE WCER7-410.2.1 operating system. 4.6.3 Firmware (2002) Key Card Tool 4.6.1(2002) VCProgrammer 4.6.1(2002) Voter Card Encoder 1.3.2(2002) Express Poll 4000 1.1.5* (2002)	GEMS 1-18-24(2002) Express Poll 1.1.5* (2002) * Only PollCardWriter Version 1.1.4.0 and PCMcard.dll components were reviewed by the ITA	GEMS TDP 1-18 Revision 3.0 (2002) Express Poll 4000 TDP Version 2.0 (2002)

Original report consisted of full TDP and source code review, along with functional system integration test. CIBER performed qualification on 1-18-24 including end to end testing with client devices in column 2. All components listed above were qualified to the 2002 standards.

Addendum 1 Created 09-30-05 (2002)

Integration Test Suite	GEMS Clients	Source Code	TDP
GEMS 1-18-24	Express Poll 2000 1.1.5* (2002) AccuVote-TSx Precinct Counter (Touch Screen) Bootloader BLR7-1.2.1 running WCER7-410.2.1 Firmware Version 4.6.4 (2002) AccuVote-TS Precinct Counter Rev 6 Version 1.0.2 (Touch Screen) running Windows CE3.0, 8/08/02 operating system, Firmware Version 4.6.4 (2002)	Express Poll 1.1.5* (2002) * Only PollCardWriter Version 1.1.4.0 and PCMcard.dll components were reviewed by the ITA	Express Poll 2000 TDP Version 2.0 Revision 3 (2002)

Addendum 1 consisted of a full TDP and source code review of the Express Poll 2000 to the 2002 standards, and a functional system integration test with the AccuVote-TSx and AccuVote-TS Rev 6 and GEMS 1-18-24. The base version and 1-18-24 (2002) did not change from the previous qualification. Please note that the ABasic file used in the functional testing was 195US.abo Version 1.15.

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Addendum 2 Created 04-26-06 (2002)

Integration Test Suite	GEMS Clients	Source Code	TDP
GEMS 1-18-24	EMP running Firmware Version 4.6.2 OSAA GS-346411-100A Rev 1 AccuVote-OS Precinct Counter (Optical Scan) 1.96.6 Firmware(2002) AccuVote-TSx Precinct Counter (Touch Screen) Bootloader BLR7-1.2.1 running WCER7-410.2.1 Firmware Version 4.6.4 (2002)		Reviewed Wyle Reports: 52501-02 52501-05

Addendum 2 tests consisted of an end-to-end system integration test with the AccuVote-TSx, AccuVote-OS, the OSAA, and the EMP. GEMS 1-18-24 (2002) did not change from the previous qualification. Please note that the ABasic file used in the functional testing was 195US.abo Version 1.15.

Addendum 3 Created 04-26-06 (2002)

Integration Test Suite	GEMS Clients	Source Code	TDP
GEMS 1-18-24	AccuVote-TSx Precinct Counter (Touch Screen) Bootloader BLR7-1.3.3 running WCER7-410.3.4 Firmware Version 4.6.4 (2002)		Reviewed Wyle Report: 52501-07

Addendum 3 tests consisted of an end-to-end system integration test with the AccuVote-TSx, Model D. GEMS1-18-24 (2002) did not change from the previous qualification. Please note that the ABasic file used in the functional testing was 195US.abo Version 1.15.

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Summary

The following is a list of all the latest components that have been tested and recommended for qualification for the most current version of the system suite:

GEMS 1-18-24 (2002)

AccuVote-OS Precinct Counter (Optical Scan) 1.96.6 Firmware (2002)

AccuVote-OS Central Counter (Optical Scan) 2.0.12 Firmware (2002)

AccuVote-TSx Precinct Counter Firmware Version 4.6.3 (2002)

Key Card Tool 4.6.1(2002)

VCProgrammer 4.6.1 (2002)

Voter Card Encoder 1.3.2 (2002)

Express Poll 2000/4000 Software Version 1.1.5 – CardWriter version 1.1.4.0 (2002)

AccuVote-TSx Precinct Counter Firmware Version 4.6.4 (2002)

AccuVote-TS Precinct Counter Rev 6 Firmware version 4.6.4 (2002)

EMP running Firmware Version 4.6.2 (2002)

OSAA GS-346411-100A Rev 1 (2002)

AccuVote-TSx, Model D Precinct Counter Firmware Version 4.6.4 (2002)

Appendix A Wyle Laboratories Report No. 52501-07

Attached separate file “Diebold D TSX 52501-07.PDF”