

# The State of Texas

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Hope Andrade  
Secretary of State

## REPORT OF MODIFICATION OF HART INTERCIVIC VOTING SYSTEM 6.2.1 CARD READER 3100 REV. B

### PRELIMINARY STATEMENT

On August 20th, 2009, Hart InterCivic (the "Vendor") presented a modification to its previously-certified Hart Intercivic System 6.2.1 for examination. Pursuant to Section 122.064 of the Election Code, the Office of the Secretary of State determined that the modification did not require a formal examination. However, the Secretary of State appointed the following examiners to review the modification:

1. Mr. Stephen Berger, an expert in electronic data communication systems;
2. Mr. Tom Watson, an expert in electronic data communication systems; and
3. Mr. Paul Miles, an expert in election law and procedure.

On August 20th, 2009, Secretary of State Staff and technical examiners listed above examined the modification, which is a new memory card reader/writer, called the HVS Card Reader 3100, Rev. B or Hart Card Reader ("HCR"). Examiners cast ballots on both the eSlate and eScan voting devices and pulled the results through Tally, the vendor's central counting/central accumulation station software. The results matched the cast ballots, which had been previously marked and tallied by Secretary of State Office personnel.

The Vendor then demonstrated the system; the examiners further examined its accuracy and security features by processing more ballots on each device and questioning the Vendor. Examiner reports on the system are attached hereto and incorporated herein by this reference.

### BRIEF DESCRIPTION OF HVS CARD READER 3100 REV. B

The HCR is used to read and write PC Cards that are used in the Hart Intercivic eSlate System Version 6.2.1 previously-certified by this office. The HCR serves as an interface between a PC and an ATA Flash storage device. The connection to the ATA Flash card is a 68-pin PCMCIA connector.

### NATIONAL ASSOCIATION OF STATE ELECTION DIRECTORS (NASED) QUALIFICATION NUMBER

Hart Intercivic eSlate System Version 6.2.1, NASED Qualification Number N-1-04-22-22-006 (2002), was approved by NASED on August 7, 2006. Version 6.2.1 was certified in the State of Texas on April 30, 2009. The submitted change to Version 6.2.1 was reviewed at SysTest, an independent federal testing authority ("ITA"). A copy of the SysTest letter determining that the change was minor and did not require further review through the federal Election Assistance Commission process was included with the vendor's application to the Secretary of State.

### FINDINGS

The following are the findings based on written evidence submitted by the Vendor in support of its application for certification, oral evidence presented at the examination, and Texas voting system examiner reports.

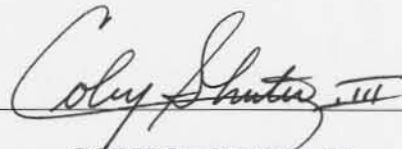
The HCR replaces the generic, commercial off-the-shelf (COTS) PCMCIA memory card reader/writers that are currently used in Texas. Unfortunately, additional COTS card reader/writers compatible with the Hart Voting System are no longer available in the COTS market to provide replacement or spare equipment, or to support new system deployments. To ensure sustainability under these conditions, Hart provided open source technology for development of a generic card

reader/writer to be manufactured by McDonald Technologies International, Inc. of Farmers Branch, Texas. Hart submitted the HCR for testing by SysTest Labs, a Voting System Test Laboratory (VSTL) accredited by the Election Assistance Commission (EAC). The Hart Card Reader is not replacing a certified component of the voting system.

CONCLUSION

Accordingly, based upon the foregoing, I hereby certify the Hart Card Reader 3100, Rev. B for use with the Hart Voting System 6.2.1 in elections in the State of Texas.

Signed under my hand and seal of office, this 8<sup>th</sup> day of December, 2009.

A handwritten signature in cursive script, reading "Coby Shorter, III", is written over a horizontal line.

COBY SHORTER, III  
DEPUTY SECRETARY OF STATE