

# COMMONWEALTH OF PENNSYLVANIA TEST REPORT FOR

RE-EXAMINATION OF
IVOTRONIC TOUCH SCREEN VOTING SYSTEM
VERSION 9.1.4.1
AND UNITY SOFTWARE
VERSION 3.0.1.0

Prepared by: \_

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#### 1.0 INTRODUCTION

#### 1.1 Scope

A re-examination of the iVotronic Touch Screen Voting System, Version 9.1.4.1, and Unity Software, Version 3.0.1.0, (hereafter referred to as "iVotronic Voting System") was performed per the direction of the Secretary of the Commonwealth, acting through the Pennsylvania Department of State, Bureau of Commissions, Elections and Legislation. This Test Report documents the procedures followed, the results obtained, and the conclusions drawn from that re-examination.

#### 1.2 Objective

The objective of the re-examination was to examine the iVotronic Voting System, previously certified for use in the Commonwealth of Pennsylvania on April 7, 2006, to determine whether the system remains compliant with the requirements of Article XI-A of the Pennsylvania Election Code, sections 1101-A to 1122-A, 25 P.S. §§ 3031.1 – 3031.22, and to document compliance through the execution of single thread test cases where applicable.

#### 1.3 References

The documents listed below were utilized in the development of this Test Report:

- Article XI-A of the Pennsylvania Election Code, sections 1101-A to 1122-A, 25 P.S. §§ 3031.1 3031.22
- Federal Election Commission 2002 Voting Systems Standards
- Help America Vote Act (HAVA) of 2002, Public Law 107-252, 42 U.S.C. § 15301 et seq.
- ES&S Secure Voting System Overview, Version 3.0.1.0, August 18, 2006
- Pro V&V Test Protocol for Re-Examination of iVotronic Touch Screen Voting System Version 9.1.4.1 and Unity Software Version 3.0.1.0 (attached as Appendix A to this Test Report)

#### 1.4 Terms and Abbreviations

Term	Abbreviation	Definition		
Americans with Disabilities		Americans with Disabilities Act of 1990 is a		
Act Americans with Disabilities	ADA	law enacted by the United States Congress to		
Act		prohibit discrimination based on disability.		
Commercial Off-The-Shelf	COTS	Commercial, readily available hardware or		
Commercial Off-The-Sheff	CO15	software.		
	DRE	An electronic voting system that utilizes		
		electronic components for the functions of		
Direct Recording Electronic		ballot presentation, vote capture, vote		
		recording and tabulation which are logically		
		and physically integrated into a single unit.		

Term	Abbreviation	Definition	
Election Management System EMS		Set of processing functions and databases within a voting system that defines, develops and maintains election databases, performs election definitions and setup functions, formats ballots, counts votes, consolidates and reports results, and maintains audit trails.	
Federal Election Commission FEC		Commission created in 1975 to regulate the campaign finance legislation in the United States.	
Independent Testing Authority  ITA		Independent testing organizations accredited by the National Association of State Election Directors (NASED) to perform voting system qualification testing.	
Technical Data Package TDP		Manufacturer's documentation related to the voting system required to be submitted with the system as a precondition for certification.	
Federal Election Commission 2002 Voting System Standards	VSS	Voluntary guidelines published by the FEC, the second iteration of national level voting system standards.	

#### 2.0 SYSTEM OVERVIEW AND IDENTIFICATION

The iVotronic Voting System is a DRE Voting System that operates both at election headquarters for administrative purposes and absentee ballots and at the polling location for traditional, curbside, and challenged voting. The iVotronic Voting System consists of:

- Voter and supervisor terminals with touch screen interfaces;
- Supervisor and voter Personalized Electronic Ballots (PEBs) used to activate the iVotronic, open polls, load ballots onto the iVotronic and collect all votes from each terminal at the end of Election Day; and
- A communications pack used to transmit results and print polling place results reports.

There are two distinct iVotronic terminals and PEBs. Supervisor terminals and PEBs are red and Voter terminals and PEBs are blue.

During an election, poll workers either activate ballots for voters using a PEB or provide a PEB to the voter to activate his or her own terminal. In the Poll Worker Activated System, poll workers use supervisor PEBs to load voter terminals with the appropriate voter ballot. The supervisor PEBs contain all of the ballots required by the polling location. When a voter is ready to begin voting, a poll worker inserts a supervisor PEB into the iVotronic to load a ballot for the voter. After the ballot loads, the official removes the supervisor PEB and steps aside so that the voter can make selections and cast the ballot privately. In the Voter Activated System, the poll worker uses a supervisor terminal to load a blue voter PEB with the appropriate ballot. The official gives the voter PEB to the voter, who inserts it into a voter terminal. The voter casts the ballot and returns the PEB to the poll worker. After a voter has used a PEB, the PEB will not activate any terminal until a poll worker reloads it with another ballot.

Additionally, the Compact Flash Multi-Card Reader/Writer can be used to copy election data to multiple compact flash cards for the iVotronic terminal and to read audit data files from multiple compact flash cards to a central directory.

#### 2.1 Software

The software listed in Table 2.1 was used during the examination of the iVotronic Voting System. Table 2.1 provides the component name, software/firmware version and a SHA-1 Hash, if calculated, during the re-examination.

**Table 2.1 Software** 

Component Name	Version	Unique Identifier (digital signature or hash value)	
iVotronic	9.1.4.1	f6a8d4570988e2d159398503144e64d48f0cc69f(SHA-1)	
Unity (subcomponents listed below)	3.0.1.0	Not Calculated	
EDM	7.4.4.0	Not Calculated	
ESSIM	7.4.2.0	Not Calculated	
HPM	5.2.4.0	Not Calculated	
IVIM	2.0.1.0	Not Calculated	
DAM	6.0.0.0	Not Calculated	
ERM	7.1.2.0	Not Calculated	
Audit Manager 7.3.0.0		Not Calculated	

#### 2.2 Hardware

Table 2.2 provides hardware component name, model number, and the serial number for the units that were examined.

**Table 2.2 Hardware** 

Component Name	Model Number	Serial Number	
		0230763	
		0230780	
		0231702	
DED	N/A	0231947	
PEB		0208129	
		0232374	
		0231934	
		0231705	
Initialization PEB	N/A	0230764	
Clear and Test PEB	N/A	0230773	
Communication Pack	N/A	01000144	
		03001538	
		06003819	
		51343359	
iVotronic	HW 1.1	5104426-C	
		5106168-C	

#### 2.3 Peripherals

Table 2.3 provides the peripheral components used during the re-examination.

**Table 2.3 Peripherals** 

Part Model Name Number		Description	
Compact Flash Memory Cards	N/A	Eight Compact Flash memory cards used by the iVotronic units.	
Voter Booths	N/A	Three voter booths used as voting stations.	
Desktop Printer	Oki Data B431 dn	COTS Printer to print EMS reports	

#### 2.4 Test Support Equipment/Materials

The test materials listed in Table 2.4 were used during the re-examination.

**Table 2.4 Test Materials** 

Part Name	Quantity	Description
Communication	Various	Paper rolls used by the Communication Pack to
Pack paper rolls	various	print reports.
8 ½" x 11" paper	Various	EMS report paper
LICD Through duine	1	Sandisk USB 2.0 Cruzer 8 GB used to transport
USB Thumbdrive	1	test data.

#### 3.0 TEST PROCESS

#### 3.1 Background

The iVotronic Voting System was certified for use in the Commonwealth of Pennsylvania on April 7, 2006, after an examination was conducted pursuant to the Pennsylvania Election Code. The iVotronic Voting System has been in use by Pennsylvania counties since its initial certification. Pursuant to section 1105-A of the Pennsylvania Election Code, 25 P.S. § 3031.5, a group of Pennsylvania voters formally requested that the Secretary conduct a re-examination of the iVotronic Voting System. The Secretary granted the request. Pro V&V, Inc. was contracted to develop test protocols and conduct the re-examination testing to ascertain whether the certified electronic voting system complies with the requirements set forth in the Pennsylvania Election Code.

#### 3.2 General Information

The re-examination of the iVotronic Voting System was performed by Jack Cobb of Pro V&V, Inc. (the "Examiner"), per the direction of the Secretary of the Commonwealth, acting through the Pennsylvania Department of State, Bureau of Commissions, Elections and Legislation. The re-examination commenced on February 29, 2012 at the Commonwealth Keystone Building, Hearing Room 1, 400 North Street, Harrisburg, Pennsylvania. The re-examination lasted approximately eight hours.

#### 3.3 Test Approach

To achieve the objective of this re-examination, the Examiner separated the requirements of Article XI-A of the Pennsylvania Election Code, sections 1101-A to 1122-A, 25 P.S. §§ 3031.1 – 3031.22, into four main areas of test execution: (1) Review; (2) Targeted Functionality; (3) System Integration; and (4) Penetration Analysis. The "Review" testing consisted of analyzing ITA and other third-party reports for specific tests that satisfied the requirements of the Pennsylvania Election Code and verifying that the iVotronic Voting System met those requirements. The "Targeted Functionality" testing sought to ascertain whether the iVotronic Voting System met all of the requirements of the Pennsylvania Election Code that could be met by execution of a single thread test case. The "System Integration" testing sought to ascertain whether the iVotronic Voting System met all of the requirements of the Pennsylvania Election Code that could be met by the execution of an entire election. General and closed-primary election definitions were devised and run for the pre-voting, voting, and post-voting functions of the voting system. The "Penetration Analysis" testing sought to ascertain whether the iVotronic Voting System met all of the requirements of the Pennsylvania Election Code that could be met by analyzing security procedures and impoundment of ballots. Precinct tabulation devices were installed for delivery to the precinct, and analysis of the security procedures performed. Appendix A ("As Run Test Protocol") contains the details of the test protocol performed on the iVotronic Voting System.

#### 4.0 TEST FINDINGS AND RECOMMENDATIONS

The iVotronic Voting System, listed in Section 2.0 of this report, was subjected to the tests summarized in the following paragraphs.

#### 4.1 Review

A review of the ITA reports listed on page 91 of Appendix A was conducted to determine compliance with the following sections of the Pennsylvania Election Code:

- 25 P.S. § 3031.5(a), requiring that a DRE "ha[ve] been examined and approved by a federally recognized independent testing authority" and that it "meet any voting system performance and test standards established by the Federal Government;"
- 25 P.S. § 3031.7(11), requiring that a DRE be "suitably designed for the purpose used, ... constructed in a neat and workmanlike manner of durable material of good quality, ... safely and efficiently useable in the conduct of elections and, with respect to the counting of ballots cast at each district, ... suitably designed and equipped to be capable of absolute accuracy, which accuracy shall be demonstrated to the Secretary of the Commonwealth;"
- 25 P.S. § 3031.7(13), requiring that a DRE, "when properly operated, records correctly and computes and tabulates accurately every valid vote registered;"
- 25 P.S. § 3031.7(14), requiring that a DRE be "safely transportable;" and
- 25 P.S. § 3031.7(15), requiring that a DRE be "so constructed that a voter may readily learn the method of operating it."

**Summary Findings:** The test reports submitted by ES&S satisfied the requirements set forth in 25 P.S. § 3031.5(a). The iVotronic Voting System was examined and approved by an ITA as meeting the applicable performance and test standards. *See* Election Systems & Software ES&S

Unity 3.0.1.0 Voting System Hardware & Software ITA Qualification Report, Rev 03, dated March 9, 2006.

The design requirements of Sections 3031.7(11) and (13) of the Pennsylvania Election Code were met by the documented Product Safety Test in the submitted ITA reports. *See* page 92 of Appendix A. Although the submitted reports did not contain specific data for an Accuracy Test to satisfy the accuracy requirement for Section 3031.7(11) and Section 3031.7(13), a test to meet the Accuracy Requirements of the FEC 2002 VSS must be performed to receive a NASED Certification. As a result, it can be determined that the iVotronic Voting System met the requirement of this Accuracy Test during the federal testing campaign. As part of the reexamination, the Examiner analyzed all the results from every test conducted during the NASED Certification test campaign; these were deemed accurate.

Section 3031.7(14) of the Pennsylvania Election Code was met by the combination of documented Hardware Non-Operating Environmental Tests which included: bench handling, vibration, low temperature, high temperature, and humidity. These components tests were designed to test the storage of precinct tabulation devices between elections, as well as transportation between the storage facility and the polling place. Although the test data was not provided directly in the report submitted, the ITA referenced two hardware reports as the basis for acceptance in the federal test campaign. *See* ITA Report Election Systems & Software ES&S Unity 3.0.1.0 Voting System Hardware & Software ITA Qualification Report Incorporating Audit Manager, Election Data Manager, ES&S Ballot Image Manager, iVotronic Image Manager, Optech Image Manager, Hardware Programming Manager, Data Acquisition Manager, Election Reporting Manager, Real-Time Audit Log Printer, Compact Flash Multi-Card Reader/Writer, iVotronic, M100, and M650, Rev 3 Dated March 9, 2006 (citing Section 5.5 of SysTest Report for NASED # N-2-02-22-22-004 (2002).

The manufacturer did not provide a Summative Usability Report to meet the requirements set forth in 25 P.S. § 3031.7(15). The Examiner, however, did not encounter any issues performing the method of operation for standard voting sessions or ADA voting sessions during execution of the re-examination. Additionally, Department of State staff members were used to input voting data for the system integration area of testing. No operational issues were reported.

By review of the above stated documents, and the certification to the FEC 2002 VSS of the iVotronic Voting System, I conclude the iVotronic Voting System meets these requirements of the Pennsylvania Election Code.

#### **4.2** Targeted Functionality

As set forth in the Test Protocols published before the re-examination, nine test cases were designed to determine compliance with the requirements of 25 P.S. § 3031.7(1), (2), (3), (4), (5), (7), (10) and (16). The Examiner conducted each of these tests, with necessary modifications as discussed below. The following is a list of the individual test cases and a summary of the results and observations for each test case.

#### <u>Test Case Identifier: 01 – 1107-A(1), 25 P.S. § 3031.7(1) Voter Secrecy (Regular Voter):</u>

This test case was designed to test for compliance with 25 P.S. § 3031.7(1), requiring that a DRE "provides for voting in absolute secrecy and prevents any person from seeing or knowing for whom any voter, except one who has received or is receiving assistance as prescribed by law, has voted or is voting." This test case required observation of voter input from a distance that is

considered public space for a DRE in the standard voting position. Three different observation positions were used to observe what, if any, voter inputs could be seen.

<u>Summary Findings:</u> During the execution of this test case, the observer did report being able to see parts of the ballot and voter inputs. The observer could not see the actual selections. Any jurisdiction using the iVotronic Voting System should follow Directive 4 of "Directive Concerning the Use, Implementation and Operation of Electronic Voting Systems by the County Board of Elections," dated April 28, 2009, and issued by the Secretary of the Commonwealth. In my opinion, the iVotronic Voting System, if setup per Directive 4, can provide for secrecy so that no person can see whom any voter has voted for, thus meeting the requirement of the Pennsylvania Election Code.

#### <u>Test Case Identifier: 01 – 1107-A(1), 25 P.S.</u> § 3031.7(1) Voter Secrecy (ADA Voter):

This test case was designed to determine whether audible and visual voter input from a distance that is considered public space for a DRE in the ADA position could be observed by a third-party. Before test execution, it was determined that the examination room's size and acoustics were invalid for the audio portion of the test (only visual observations were recorded).

<u>Summary Findings:</u> During the execution of this test case, the observer did report being able to see parts of the ballot and voter inputs. It should be noted however, that this test was conducted while the iVotronic Voting System was activated for a standard voting session for the purposes of the observations. In an actual ADA voting session the LCD display is not active. Any jurisdiction using the iVotronic Voting System should follow Directive 4 of "Directive Concerning the Use, Implementation and Operation of Electronic Voting Systems by the County Board of Elections," dated April 28, 2009, and issued by the Secretary of the Commonwealth. In my opinion, the iVotronic Voting System, if setup per Directive 4, can provide for secrecy so that no person can see whom any ADA voter has voted for, thus meeting the requirement of the Pennsylvania Election Code.

## <u>Test Case Identifier: 02 - 1107-A(2), 25 P.S. § 3031.7(2) Selection of Candidates and Questions by Voter (Regular/ADA):</u>

This test case was designed to test for compliance with 25 P.S. § 3031.7(2), requiring that a DRE "provides facilities for voting for such candidates as may be nominated and upon such questions as may be submitted." This test case ensures a vote for a candidate for "1 of 1," "N of M," and "Question" contests could be recorded and reported as input for a standard voting session and an ADA voting session.

<u>Summary Findings:</u> No issues or anomalies were noted during the execution of this test case. The iVotronic Voting System successfully recorded and reported votes for "1 of 1," "N of M," and "Question" contests for both a standard voting session and an ADA voting session. The actual results obtained during execution met the expected results. *See* page 67 of Appendix A. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude that the iVotronic Voting System meets the requirements of Section 3031.7(2) of the Pennsylvania Election Code.

### <u>Test Case Identifier: 03 – 1107-A(3), 25 P.S. § 3031.7(3) Straight-Party and Pennsylvania</u> Method:

This test case was designed to test for compliance with 25 P.S. § 3031.7(3), which requires that a DRE allow a voter to perform straight-party voting according to the "Pennsylvania Method." This test case was designed to ensure that a straight-party selection and the Pennsylvania Method of straight-party voting could be recorded and reported as input for a standard voting session and an ADA voting session.

<u>Summary Findings:</u> No issues or anomalies were noted during the execution of this test case. During the execution of this test case, the iVotronic Voting System successfully recorded and reported straight-party votes and demonstrated the Pennsylvania Method of straight-party voting for both a standard voting session and an ADA voting session. The actual results obtained during execution met the expected results. *See* page 69 of Appendix A. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude that the iVotronic Voting System meets the requirements of Section 3031.7(3) of the Pennsylvania Election Code.

#### Test Case Identifier: 04 – 1107-A(4), 25 P.S. § 3031.7(4) Straight-Party and Write-In:

This test case was designed to test for compliance with 25 P.S. § 3031.7(4), which requires that a DRE permit a voter to vote for a candidate of his or her choice through a straight-party or write-in voting. This test case ensures that both a straight-party and write-in selection could be recorded and reported as input for a standard voting session and an ADA voting session.

<u>Summary Findings:</u> No issues or anomalies were noted during the execution of this test case. During the execution of this test case, the iVotronic Voting System successfully recorded and reported straight-party and write-in votes for both a standard voting session and an ADA voting session. The actual results obtained during execution met the expected results. *See* page 73 of Appendix A. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude the iVotronic Voting System meets the requirements of Section 3031.7(4) of the Pennsylvania Election Code.

## <u>Test Case Identifier: 05 – 1107-A(5), 25 P.S. § 3031.7(5) Selection of Candidate and Writein:</u>

This test case was designed to test for compliance with 25 P.S. § 3031.7(5), which requires that a DRE permit a voter to vote for any candidate or write-in a candidate. This test case ensures that a candidate and write-in selection could be recorded and reported as input for a standard voting session and an ADA voting session.

<u>Summary Findings:</u> No issues or anomalies were noted during the execution of this test case. During the execution of this test case the iVotronic Voting System successfully recorded and reported candidate selections and write-in votes for both a standard voting session and an ADA voting session. The actual results obtained during execution met the expected results. *See* page 76 of Appendix A. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude the iVotronic Voting System meets the requirements of Section 3031.7(5) of the Pennsylvania Election Code.

## <u>Test Case Identifier: 07 – 1107-A(7), 25 P.S. § 3031.7(7) Attempt to Over Vote Contests and Questions (Regular/ADA):</u>

This test case was designed to test for compliance with 25 P.S. § 3031.7(7), which requires that a DRE prevent a voter from over voting. This test case ensures that a voter could not over vote for a contest or question during a standard voting session and an ADA voting session.

Summary Findings: The iVotronic Voting System successfully prohibited a voter from selecting more than the number of allowable selections, including write-in votes, for both a standard voting session and an ADA voting session. During the execution of this test case an anomaly occurred while executing the ADA portion of the test. A loud static sound was emitted from the headphones after a long pause by the Examiner causing the Examiner to remove the headphones. When the Examiner resumed activity, the audio prompts continued without any issue. The manufacturer researched this issue and found the audio file that was prompted by inactivity was in the wrong format. When the system attempted to play the file, the audio could not be read and static was produced. The unreadable audio file did not affect the system's ability to record a voter's selections. No other issues or anomalies were noted during the execution of this test case. All other results met the expected results. See page 79 of Appendix A. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude the iVotronic Voting System meets the requirements of Section 3031.7(7) of the Pennsylvania Election Code.

## <u>Test Case Identifier: 10 - 1107-A(10), 25 P.S. § 3031.7(10) Ballot Review and Change</u> (Regular/ADA):

This test case was designed to test for compliance with 25 P.S. § 3031.7(10), which requires that a DRE allow for ballot review and change before casting the ballot. This test case ensures that a voter can review a voted ballot and make changes before casting the ballot and have a cast ballot computed during a standard voting session and an ADA voting session.

<u>Summary Findings:</u> No issues or anomalies were noted during the execution of this test case. During the execution of this test case, the iVotronic Voting System provided a voter with a review screen and allowed for the voter to return to either the beginning of the ballot or an individual contest to make changes to his or her selections before casting the ballot for both a standard voting session and an ADA voting session. The actual results obtained during execution met the expected results. *See* page 82 of Appendix A. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude the iVotronic Voting System meets the requirements of Section 3031.7(10) of the Pennsylvania Election Code.

## <u>Test Case Identifier: 16 – 1107-A(16), 25 P.S. § 3031.7(16) Public Counter, No Re-opening of Polls, Media Security with Tamper Proof Locks and Zero Proof and Tally Reports:</u>

This test case was designed to test for compliance with 25 P.S. § 3031.7(16), which requires that a DRE have a public counter, have the ability to lock after the polls are closed, provide for voter secrecy, prohibit over votes, and print zero proof and results reports. This test case verifies the display of a public counter. It also ensures that the device provides (a) a lock to prevent tabulation after the polls are closed and to prevent re-opening of the polls, (b) tamper evident locks and seals, and (c) zero proof and results reports.

<u>Summary Findings:</u> No issues or anomalies were noted during the execution of this test case. During the execution of this test case the iVotronic Voting System provided a public counter that incremented with each cast vote; provided the ability to be locked after the polls were closed;

precluded the re-opening of the polls after the polls were closed; provided design features that allow tamper evident locks and seals to be placed on the device (*see* photographs in Section 4.4); and provided zero proof and results reports. The actual results obtained during execution met the expected results. *See* page 85 of Appendix A. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude the iVotronic Voting System meets the requirements of Section 3031.7(16) of the Pennsylvania Election Code.

During the re-examination, the manufacturer demonstrated a software feature that locked the device so no further voting could take place after the polls had closed. This feature is logged in the audit logs for both the locking and unlocking of the device. This feature does not provide an obvious visual indication, like a tamper evident lock does, that indicates the device remains sealed and votes could not be input after the close of polls. The audit logs would have to be reviewed in order to determine if additional votes had been input after the close of polls. Therefore, I recommend this feature not be used in place of the tamper evident locks to secure the device after the close of polls.

#### **4.3** System Integration Testing

System Integration Testing was performed to test proprietary hardware, software and peripherals, as well as COTS materials configured as a precinct count system. This test meets many of the requirements of the Pennsylvania Election Code that were previously verified in the Targeted Functionality area of testing, but was designed to specifically meet the following sections and requirements:

- 25 P.S. § 3031.1, defining "electronic voting system" to be a "system in which one or more voting devices are used to permit the registering or recording of votes and in which such votes are computed and tabulated by automatic tabulating equipment. The system shall provide for a permanent physical record of each vote cast;"
- 25 P.S. § 3031.7(4), requiring that a DRE "permits each voter, at other than primary elections, to vote a ticket selected from the nominees of any and all political parties, from the nominees of any and all political bodies, and from any persons whose names are not in nomination and do not appear upon the official ballot;"
- 25 P.S. § 3031.7(6), requiring that a DRE "permits each voter to vote for as many persons for any office as he is entitled to vote for and to vote for or against any question upon which he is entitled to vote and precludes each voter from voting or from having his vote tabulated for any candidate, or upon any question, for whom or upon which he is not entitled to vote;"
- 25 P.S. § 3031.7(8), requiring that a DRE "precludes each voter from voting or from having his vote tabulated more than once for any candidate for the same office or upon any question, except in districts and for offices where cumulative voting is authorized by law;"
- 25 P.S. § 3031.7(9), requiring that a DRE "permits each voter at a primary election to vote only for the candidates seeking nomination by a political party in which such voter is registered and enrolled, and for any candidate for nonpartisan nomination, and for any question upon which he is entitled to vote;" and
- 25 P.S. § 3031.17, requiring that the "county board of elections, as part of the
  computation and canvass of returns, shall conduct a statistical recount of a random
  sample of ballots after each election using manual, mechanical or electronic devices of a
  type different than those used for the specific election. The sample shall include at least

two (2) per centum of the votes cast or two thousand (2,000) votes whichever is the lesser."

Two election definitions, a general and closed primary election, were devised to test and measure specific input devices, voting patterns and results. Pre-voting reports were generated, consisting of a ballot proof report, precinct summary report, and election summary report. The polls were opened, and precinct tabulator zero proof reports were generated. The Examiner and Department of State staff members attempted to input a complex voting pattern consisting of distinct combinations of vote selection as documented in the Test Protocol (*See* Appendix A Election Definitions). The polls were closed, and results reports were generated including cast vote records and ballot images. The voted data was then transferred to the election management system (EMS), and election summary reports, precinct summary reports, and ballot images were printed. At the conclusion of the test, the Examiner conducted a statistical recount of at least 10% of the votes cast using the cast vote records and ballot images. The procedure for conducting the statistical recount was to use the documented voting pattern and compare it to the cast vote records and ballot images. The procedure identified each ballot by the distinct voting pattern that was input. The Examiner also generated a backup of the EMS database and retained a copy with the other test data.

Summary Findings: No issues or anomalies were noted during the execution of this test case. The iVotronic Voting System successfully completed both the general and closed primary election. The actual results obtained during execution met the expected results. The objective criteria for evaluation were analyzed, and the system met the criteria. Therefore, I conclude the iVotronic Voting System meets the requirements of Sections 3031.1 and 3031.17 of the Pennsylvania Election Code in that the system generated a permanent physical record in the format of the cast vote record and ballot images that were used to conduct a statistical recount. The iVotronic Voting System also complies with Sections 3031.7(4) and (9) in that test voters in the primary election were only able to vote for their party and the system rejected attempts to vote for non-party candidates. The iVotronic Voting System meets the requirements for Sections 3031.7(6) and (8) in that the test voters cast votes on different ballot styles for candidates and questions and the iVotronic Voting System precluded test voters from over voting.

#### 4.4 Penetration Analysis

A penetration analysis was performed to verify compliance with 25 P.S. § 3031.7(12), which requires that a DRE "provides acceptable ballot security procedures and impoundment of ballots to prevent tampering with or substitution of any ballots or ballot cards."

The precinct tabulation devices were configured for delivery to a polling place from a warehouse; this included all seals and locks recommended by the manufacturer. The Examiner inspected the device for the ability to tamper with the transportation case and the device inside the case. The inspection examined the ports, the outer case, and memory devices from the aspect of the device as delivered to the polling place and configured for voting. The Examiner also examined both the precinct device and the EMS for password management of administrative functions and ensured the system counter cannot be reset by unauthorized persons. The Examiner photographed the configuration and analyzed the configuration for possible vulnerabilities. Photographs 1.1 through 1.4 indicate locks and seals on the precinct tabulation devices.



Photograph 1.1 Lock on the bottom of the iVotronic Transportation Case  ${\bf r}$ 



Photograph 1.2 Seal over the PEB Port

Pro V&V, Inc.



Photograph 1.3 Lock on Serial Port and Compact Flash



Photograph 1.4 Lock over Serial Port and Compact Flash

<u>Summary Findings:</u> During the conducting of this analysis, the iVotronic Voting System provided acceptable ballot security procedures and impoundment of ballots to prevent tampering with or substitution of any ballots or ballot cards. It also provided acceptable password management and restriction of access to administrative functions. Therefore, I conclude the

iVotronic Voting System meets the requirements of Section 3031.7(12) of the Pennsylvania Election Code.

During the execution of the test, it was noticed that the lock placed over the serial port and compact flash memory did not prevent the possibility of access to the compact flash. The Examiner was able to expose the edge of the compact flash memory card seen in Photograph 1.3. During the examination, the compact flash card was not accessed, but this could be a possible vulnerability since the compact flash card possibly could be removed and replaced without the lock being removed. The Examiner recommends a different type of lock preferably one that is rigid, better installation of the lock provided or a tamper resistant seal be placed over the compact flash card itself to ensure no tampering with the compact flash card goes without notice.

#### 5.0 CERTIFICATION FOR USE

The iVotronic Voting System, certified for use in the Commonwealth of Pennsylvania and presented for re-examination, meets the requirements of Article XI-A of the Pennsylvania Election Code, sections 1101-A to 1122-A, 25 P.S. §§ 3031.1 – 3031.22. As the Examiner, I recommend the voting system documented in Section 2.0 of this report remain certified for use in the Commonwealth of Pennsylvania.

APPENDIX A – AS RUN TEST PROTOCOL



## COMMONWEALTH OF PENNSYLVANIA TEST PROTOCOL

**FOR** 

RE-EXAMINATION OF

IVOTRONIC TOUCH SCREEN VOTING SYSTEM

VERSION 9.1.4.1

AND UNITY SOFTWARE

**VERSION 3.0.1.0** 

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#### 1.0 INTRODUCTION

The primary purpose of the re-examination is to confirm that the iVotronic touch screen voting system version 9.1.4.1 and Unity software version 3.0.1.0 meets the requirements of Article XI-A of the Pennsylvania Election Code, sections 1101-A to 1122-A, 25 P.S. §§ 3031.1 – 3031.22. This re-examination is being performed per the direction of the Secretary of the Commonwealth, acting through the Pennsylvania Department of State, Bureau of Commissions, Elections and Legislation. This re-examination will commence on February 29, 2012 at the following location:

Commonwealth Keystone Building Hearing Room 1 400 North Street Harrisburg, Pennsylvania

The daily duration of this re-examination will be from 9:00 A.M. until 5:00 P.M. Eastern Standard Time unless a representative of the Secretary of the Commonwealth requests an extension, suspension, or a halt in testing.

#### 1.0 References

The documents listed below were used in the development of the Test Protocol.

- Article XI-A of the Pennsylvania Election Code, sections 1101-A to 1122-A, 25 P.S. §§ 3031.1 3031.22
- Federal Election Commission 2002 Voting Systems Standards
- Help America Vote Act (HAVA) of 2002, Public Law 107-252, 42 U.S.C. § 15301 et seq.
- ES&S Secure Voting System Overview, Version 3.0.1.0, August 18, 2006

#### 1.1 Terms and Abbreviation

This subsection lists terms and abbreviations relevant to this re-examination

"ADA" – Americans with Disabilities Act

"COTS" - Commercial Off-The-Shelf

"DAM" - ES&S Data Acquisition Manager

"Department" – Pennsylvania Department of State

"DRE" - Direct Recording Electronic

"EAC" - Election Assistance Commission

"EDM" – ES&S Election Data Manager

"EMS" – Election Management System

- "ESSIM" ES&S Image Manger
- "Examiner" The examiner appointed by the Secretary of the Commonwealth to conduct the reexamination
- "FEC" Federal Election Commission
- "HPM" ES&S Hardware Programming Manager
- "ITA" Independent Testing Authority
- "IVIM" ES&S iVotronic Image Manager
- "PA" The Commonwealth of Pennsylvania
- "Pennsylvania Election Code" Article XI-A of the Pennsylvania Election Code, sections 1101-A to 1122-A, 25 P.S. §§ 3031.1 3031.22
- "Secretary" The Secretary of the Commonwealth
- "TDP" Technical Data Package
- "VSS" Federal Election Commission 2002 Voting System Standards
- "VVSG" Election Assistance Commission 2005 Voluntary Voting System Guidelines

#### 1.2 Background

The iVotronic touch screen voting system version 9.1.4.1 and Unity software version 3.0.1.0 were certified for use in the Commonwealth of Pennsylvania on April 7, 2006 after an examination conducted pursuant to the Pennsylvania Election Code. The iVotronic touch screen voting system has been in use by Pennsylvania counties since its initial certification. Pursuant to section 1105-A of the Pennsylvania Election Code, 25 P.S. § 3031.5, a group of Pennsylvania voters formally requested that the Secretary conduct a re-examination of the iVotronic touch screen voting system version 9.1.4.1 and Unity software version 3.0.1.0. The Secretary granted the request.

The Test Protocol was developed to ascertain whether the certified electronic voting system complies with the requirements set forth in the Pennsylvania Election Code.

#### 2.0 TEST ITEMS

This section contains detailed descriptions of the items tested during the re-examination, including all software, hardware, and peripherals, both proprietary and COTS, and any test support equipment or materials necessary for test performance. The following diagram illustrates the iVotronic touch screen voting system version 9.1.4.1 and Unity software version 3.0.1.0 requirements.

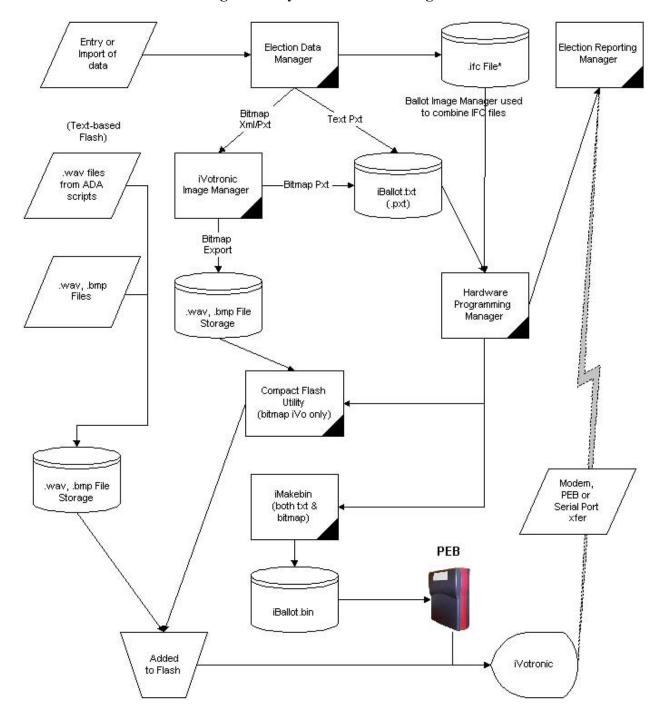


Figure 2.1 System Overview Diagram

#### 2.1 Software

This subsection contains a listing of the software and firmware being evaluated.

**Table 2.1 Software** 

Component Name	Version	Unique Identifier (digital signature or hash value)
iVotronic	9.1.4.1	TBD
EDM	7.4.4.0	TBD
ESSIM	7.4.2.0	TBD
HPM	5.2.4.0	TBD
IVIM	2.0.1.0	TBD
DAM	6.0.0.0	TBD
ERM	7.1.2.0	TBD
Audit Manager	7.3.0.0	TBD

#### 2.2 Hardware

This subsection contains a listing of the hardware being evaluated.

**Table 2.2 Hardware** 

Component Name	Model Number	<b>Revision Number</b>	Description
iVotronic	HW 1.1	N/A	DRE

#### 2.3 Peripherals

This subsection contains detailed descriptions of optional equipment used by the system being evaluated.

**Table 2.3 Peripherals** 

Part	Model	Revision	Description
Name	Number	Number	
Supervisor PEB	N/A	N/A	Proprietary ballot activation device
Voter PEB	N/A	N/A	Proprietary ballot activation device
Communication Packs	N/A	N/A	PC card memory device used for storing and transporting election information, cast vote records, and audit data.
Desktop Printer	Oki Data B431 dn	N/A	COTS Printer to print EMS reports

#### 2.4 Test Support Equipment/Materials

This subsection contains detailed descriptions of the test support equipment and materials needed to perform the required testing.

The Examiner will provide a tape measure (to be used in Test Case 1), Test Execution Logs, and a digital camera for test documentation. The re-examination will be video recorded by the Department.

The voting system manufacturer must provide an EMS system currently certified for use in Pennsylvania loaded with the closed primary and general-election definitions (Appendix A). These election definitions are the ballot configurations that will be used throughout the re-examination. The manufacturer is responsible for providing the Department and the Examiner with technical staff to support the re-examination. The manufacturer must provide three precinct-tabulation devices for each voting system being examined. The manufacturer must be prepared to load the firmware for each precinct tabulation device. The Department will also require manufacturer to configure the precinct tabulation devices as they would be in the precinct on Election Day, including seals and locks. The manufacturer must be prepared to print pre-election reports, precinct results reports, audit logs, and post-election reports.

#### 3.0 TEST MATERIALS

This section contains a detailed description of all materials made available to Examiner for the reexamination.

#### 3.1 Technical Data Package

This subsection lists all manufacturer provided documentation that is relevant to the system being tested.

**Unity Data Flow Process** N/A N/A N/A Unity Overview Table N/A Secure Voting System Overview 3.0.1.0 08/18/2006 7/30/2004 Software Specifications (iVotronic) 9.0.0.0 Limitations of Unity 3.0.1.0 System N/A N/A Product Overview Election Data Manager 09/2004 1.0 Product Overview Ballot Image Manager 1.0 09/2004 Product Overview iVotronic Image Manager 1.0 09/2004 Product Overview Hardware Programming Manager 1.0 09/2004 Product Overview Data Acquisition Manager 1.0 09/2004 Product Overview Election Reporting Manager 09/2004 1.0 Product Overview iVotronic N/A N/A Product Overview iVotronic Real Time Audit Log N/A N/A Product Overview Model 100 N/A N/A Product Overview Model 650 N/A N/A Product Overview AutoMARK Voter Assist Terminal N/A N/A iVotronic Voting System Operator's Manual 9.1 08/12/2005 Unity Election Data Manager User's Guide 7.4 08/14/2005 Unity Election Reporting Manager 7.1.2.0 09/16/2005 Unity Ballot Image Manager User's Guide 7.4 08/15/2005 Unity Hardware Programming Manager User's Guide 5.2 02/16/2006

**Table 3.1 Documentation** 

Revision

2.0

9.1

**Issue Date** 

**Document Name** 

Unity Ballot Image Manager iVotronic Image Manager User's Guide

#### 3.2 Third Party Test Reports

iVotronic Voting System Maintenance Manual

This subsection lists the reports provided by third party entities that are relevant to the system being evaluated and the test engagement.

08/04/2005

**Table 3.2 Third Party Test Reports** 

Report Title	Description	Revision	Issue Date
EMC Qualification Test Report	Hardware electrical tests performed	N/A	03/06/2006
Election Systems and Software	by Criterion Technology		
Voting System, iVotronic			
Report Number 060130-1007			
Elections Systems & Software	ITA Qualification Test Report by	03	03/09/2006
ES&S Unity 3.0.1.0 Voting	SysTest labs		
System Hardware & Software			
ITA Qualification Report			
Election Systems & Software	ITA Qualification Test Report by	03	10/26/2005
ES&S Unity 3.0 Voting System	SysTest labs		
Hardware & Software ITA			
Qualification Report			

#### 3.3 Previous Test Results

This subsection describes the results of any previous testing performed by the Department that are relevant to the re-examination and the system being evaluated.

**Table 3.3 Previous Test Results** 

Report Title	Description	Revision	Issue Date
Election Systems and Software, Inc.	PA Examination	N/A	12/2005
Direct Recording Electronic Products:			
iVotronic Touchscreen Voting System			
and Unity Software			
Election Systems and Software, Inc.	PA Examination	N/A	04/2006
Direct Recording Electronic Products:			
iVotronic 9.1.4.1 and Unity 3.0.1.0			

#### 4.0 TEST SPECIFICATIONS

This section contains a detailed description of the procedures to be followed during test setup and preparation.

The re-examination of the voting system will occur in an environmentally controlled room. The room will be configured such that the Department, the Examiner, and the voting system manufacturer have their own independent work areas. The public will be allowed to observe the examination, but may not comment or interact with either the employees of the Department, the Examiner, or the voting system manufacturer, at any time. The manufacturer will be allotted time and space to stage the voting system prior to the re-examination. This time and space will be determined between the Department and the manufacturer in advance of the examination date. Once the manufacturer informs the Department that the voting system is properly set up, the Examiner will provide the manufacturer with the firmware/software for the precinct tabulation device, submitted to the Department from the trusted source. The manufacturer will load the firmware/software on to the required media for installation onto the precinct tabulation device and install the firmware/software onto the precinct tabulation device before commencement of the

re-examination. Once each precinct tabulation device is loaded with the firmware/software, the manufacturer will not be allowed access to the internal components of the devices without the consent of the Department or the Examiner. If the re-examination is suspended, the precinct tabulation devices will be secured in a manner to ensure control of the test environment. If, at any point, the Department or the Examiner determines that the control of the test environment has been compromised, all firmware/software will be reloaded on the precinct tabulation devices.

The voting system manufacturer shall set up the precinct tabulation devices as they would be in the precinct on Election Day, minus the locks and seals. The locks and seals will be installed and evaluated at a later time in the re-examination.

The Examiner will maintain photographic and written documentation of the re-examination. This will include, but is not limited to, photographs of the firmware/software installation, test execution notes and observations, photographs of the test setup, and collection of test data. The Department will video record the re-examination.

#### 5.0 TEST PROCEDURES

This section contains a detailed description of the test sequence, test procedures and expected results.

The test cases for this re-examination are contained in Appendix B of this Test Protocol. All steps of the tests cases contain an expected result to provide objective pass/fail criteria. There are no dependencies for execution of the test cases. The test cases have been divided into four main areas for execution: (1) Review; (2) Targeted Functionality; (3) System Integration; and (4) Penetration Analysis. -The Review area of this re-examination will not be performed on-site during the set dates of the re-examination. The Review area of testing includes documentation review of third-party reports and review of the manufacturer's TDP. All other areas of testing will be performed on-site during the re-examination. The test sequence for this re-examination will be as follows:

#### **Review:**

- 1107-A(11), 25 P.S. § 3031.7(11) Suitably Designed, Constructed in Workmanlike Manner of Durable Material, Safely and Efficiently Useable, Capable of Absolute Accuracy
- 1107-A(13), 25 P.S. § 3031.7(13) Record Correctly, Computes and Tabulates Accurately
- 1107-A(14), 25 P.S. § 3031.7(14) Safely Transportable
- 1107-A(15), 25 P.S. § 3031.7(15) Voter May Readily Learn to Operate

#### **Targeted Functionality Test Cases:**

- Test Case Identifier: 01 1107-A(1), 25 P.S. § 3031.7(1) Voter Secrecy (Regular Voter)
- Test Case Identifier: 01 1107-A(1), 25 P.S. § 3031.7(1) Voter Secrecy (ADA Voter)
- Test Case Identifier: 02 1107-A(2), 25 P.S. § 3031.7(2) Selection of Candidates and Questions by Voter (Regular/ADA)
- Test Case Identifier: 03 1107-A(3), 25 P.S. § 3031.7(3) Straight Party and Pennsylvania Method

- Test Case Identifier: 04 1107-A(4), 25 P.S. § 3031.7(4) Straight Party and Write-In
- Test Case Identifier: 05 1107-A(5), 25 P.S. § 3031.7(5) Selection of Candidate and Write-in
- Test Case Identifier: 07 1107-A(7), 25 P.S. § 3031.7(7) Attempt to Over Vote Contests and Questions (Regular/ADA)
- Test Case Identifier: 10 1107-A(10), 25 P.S. § 3031.7(10) Ballot Review and Change (Regular/ADA)
- Test Case Identifier: 16 1107-A(16), 25 P.S. § 3031.7(16) Public Counter, No Reopening of Polls, Media Security with Tamper Proof Locks and Zero Proof and Tally Reports

#### **System Integration Test Cases:**

• Test Case Identifier: 04, 06, 08, 09, Permanent Physical Record, and Statistical Sample – 1107-A(4), 25 P.S. § 3031.7(4) Enables Voting for Legal Combinations; 1107-A(6), 25 P.S. § 3031.7(6) Permits Voting for as Many Candidates as Entitled, Permits Voting For or Against Questions, Precludes Voting for Unauthorized Candidates or Questions; 1107-A(8), 25 P.S. § 3031.7(8) Precludes Multiple Voting and Tabulating Multiple Votes; 1107-A(9), 25 P.S. § 3031.7(9) Permits Voter at Primary to Vote Only for Candidates in Party of Registration, Any Candidate for Nonpartisan Nomination, and For Any Entitled Question; 1101-A, 25 P.S. § 3031.1 Provides for Permanent Physical Record of Each Vote Cast; and 1117-A, 25 P.S. § 3031.17 Statistical Sample

#### **Penetration Analysis Test Cases:**

• Test Case Identifier: 12 – 1107-A(12), 25 P.S. § 3031.7(12) Acceptable Ballot Security Procedures and Impoundment of Ballots

#### 6.0 TEST DATA

This section contains a detailed description of the test election definitions and ballot logic being exercised.

The election definitions being used for this re-examination are provided in Appendix A of this Test Protocol. A predefined set of election parameters are included in the election definitions. Both the general election and the closed primary election definitions provide the voting variations, geographic subdivisions, parties, supported languages and test voting pattern with results being tested. The only languages required for this re-examination are English and Spanish. The Department provided the Spanish translation. Each test voting pattern provides the input method and device. For all Write-In selections, the name will be input as "John Doe." For multiple Write-In selections, the name will be appended with the character "I" for the number of Write-In selections (*i.e.*, "John Doe I," "John Doe II," "John Doe III," and "John Doe IIII" in a "Vote for Four" contest with four write-ins).

#### 6.1 Data Recording

This subsection contains a detailed description of the procedures to be followed during test execution and data collection.

All test data produced during this re-examination is the property of the Department. The output test data will be collected and stored in an appropriate manner as to allow for data analysis. Actual results from executed tests will be recorded in real-time in Test Execution Logs.

#### **6.2** Data Evaluation

The Examiner will evaluate all test results against the expected results set forth in the test cases provided in Appendix B. The acceptable range for system performance and the expected results is derived from the test designers experience and expertise. If an expected result is not achieved, an evaluation will be performed as to "why" the test or test step did not produce the expected results. This evaluation will consider test error, invalid expectations, and system performance. Failure to achieve the expected results does not constitute a test failure. A test failure only occurs when the "Criteria for Evaluation of Test Results," as set forth in the test cases, are not achieved for a specific test.

## APPENDIX A ELECTION DEFINITIONS

#### **Election Definition: Pennsylvania Certification Closed Primary Election**

#### **Primary Election Description:**

A closed primary election for 2 parties in 3 precincts. This election contains 35 contests compiled into 6 ballot styles. Each ballot style contains 15 contests. The voting variations supported in a primary election by the Commonwealth of Pennsylvania are defined in this election. The voting variations are as follows:

- Partisan contest
- Non-Partisan
- Primary Presidential delegation nominations
- Write-In voting
- N of M Contest
- Cross-Party Filed Candidates

This closed primary election was designed to functionally test the handling of multiple ballot styles across geographical subdivisions, support for two languages, and support for common primary specific voting variations.

#### **Configuration:**

#### EMS computer loaded with software certified for use in Pennsylvania to create the following configuration:

Name: Pennsylvania Certification Closed Primary Election

**Voting Devices:** 1 machine for each precinct **Precincts:** Precinct 1, Precinct 2, Precinct 3

Parties: Republican, Democrat Languages: English, Spanish

**Totals Contests: 35 Contests as follows:** 

Precinct 1 REP	Precinct 2 REP	Precinct 3 REP	Precinct 1 DEM	Precinct 2 DEM	Precinct 3 DEM	
Pr	esident of the United Sta	ites	President of the United States			
Vote for One			Vote for One			
James Collins			Barry Josey			
Alexander P. Bicket			Calvin Marino			
Carol Koethen			Write-In			
			Willo III			
Write-In						
	United States Senator			United States Senator		
	Vote for One		Vote for One			
	7010 101 0110		0.00 1.01			
Bob Ford		Oscar Draper				
Allegheny (	County		Cumberland County			
Colby Lincoln			Carter McGaw			
Delaware County		Philadelphia	County			
	•		·	•		
Write-In		Write-In				
Representati	ve in Congress	Representative in	Representativ	e in Congress	Representative in	
5 <sup>th</sup> [	District	Congress	5 <sup>th</sup> Di	istrict	Congress	
Vote	for One	10 <sup>th</sup> District	Vote for One 10 <sup>th</sup> District			
		Vote for One			Vote for One	
Ben Baker	_		Barbara Barret Hicks	_		
Allegheny (	County	Cheryl Simon	Montgomery	County	William Sullivan	

	V	T	D	
Write-In	York County	Clinton Testo	Butler County	
vviitG-III	Lois Koss	Centre County	Write-In	
	Erie County	Genire County	Willo III	
		Write-In		
	Write-In			
Governor		Governor		
Vote for One		Vote for One		
Dean Lindsey		Charles Jasen		
Allegheny County		Montgomery County		
Don Etter		Shirloy Honning		
Allegheny County		Shirley Henning  Luzerne County		
ranginary county		Ed20mo Godiny		
Joe Carlton		Write-In		
Washington County				
Edwin Lewis				
Lancaster County				
Samuel Lawton				
Bucks County				
Write-In				
Lieutenant Governor		Lieutenant Governor		
Vote for One		Vote for One		
Scott Montes		Sharman P. Bushar		
Berks County		Sherman R. Bucher		
Deino County		Philadelphia County		
Saul Currier		Richard V. Suits		
Lehigh County		Cambria County		
Arnold Krill		Tabathia Song		
Lycoming County		Allegheny County		
Write-In		Kenneth Interlicchio		
wille-iii		Philadelphia County		
		Timadolphila ddarry		
		Write-In		
Representative in the General Assembly	Representative in	Representative in the General Assembly	Representative in	
83 <sup>rd</sup> District	the General	83 <sup>rd</sup> District	the General	
Vote for One	Assembly	Vote for One	Assembly	
	<b>84<sup>th</sup> District</b> Vote for One		<b>84<sup>th</sup> District</b> Vote for One	
	VOICE IOI OILE		VOICE IOI ONE	
Harry Rider	Peter Valle	R. J. Abbott	Neil Carey	
Cascade	Muncy	Shrewsbury	Lewis	
Cascade		Shrewsbury		
Robert Tyrell		Peter F. Saxton	Saul Currier	
	Muncy	,		
Robert Tyrell  McNett	Muncy	Peter F. Saxton Willamsport	Saul Currier Eldred	
Robert Tyrell  McNett	Muncy	Peter F. Saxton	Saul Currier	
Robert Tyrell  McNett  Write-In	<i>Muncy</i> Write-In	Peter F. Saxton  Willamsport  Write-In	Saul Currier Eldred Write-In	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton  Willamsport  Write-In  Delegate to the National Convention	Saul Currier  Eldred  Write-In  -5 <sup>th</sup> District	
Robert Tyrell  McNett  Write-In	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton  Willamsport  Write-In	Saul Currier Eldred  Write-In  -5 <sup>th</sup> District	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than Th	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton  Willamsport  Write-In  Delegate to the National Convention  Electing 2 Males and 2 Fem.	Saul Currier Eldred  Write-In  -5 <sup>th</sup> District	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than Th	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton  Willamsport  Write-In  Delegate to the National Convention  Electing 2 Males and 2 Fem.	Saul Currier Eldred  Write-In  -5 <sup>th</sup> District	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than Th  Gloria Dillion  Heather Heidelbaugh  Herbert Devine	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton Willamsport  Write-In  Delegate to the National Convention Electing 2 Males and 2 Fem. Vote Not More Than Fou	Saul Currier Eldred  Write-In  -5 <sup>th</sup> District	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than Th  Gloria Dillion  Heather Heidelbaugh  Herbert Devine  George A. Fisk	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton Willamsport  Write-In  Delegate to the National Convention Electing 2 Males and 2 Fem. Vote Not More Than Fou  Vincent Seymour (M) Committed to Barry Josey	Saul Currier Eldred  Write-In  -5 <sup>th</sup> District	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than Th  Gloria Dillion  Heather Heidelbaugh  Herbert Devine  George A. Fisk  Doris Shiddles	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton Willamsport  Write-In  Delegate to the National Convention Electing 2 Males and 2 Fem. Vote Not More Than Fou  Vincent Seymour (M) Committed to Barry Josey  Toni Hamilton	Saul Currier Eldred  Write-In  -5 <sup>th</sup> District	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than The  Gloria Dillion Heather Heidelbaugh Herbert Devine George A. Fisk Doris Shiddles Andre Ninia	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton Willamsport  Write-In  Delegate to the National Convention Electing 2 Males and 2 Fem. Vote Not More Than Fou  Vincent Seymour (M) Committed to Barry Josey	Saul Currier Eldred  Write-In  1 –5 <sup>th</sup> District ales	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than Th  Gloria Dillion Heather Heidelbaugh Herbert Devine George A. Fisk Doris Shiddles Andre Ninia Brian Getz	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton Willamsport  Write-In  Delegate to the National Convention Electing 2 Males and 2 Fem. Vote Not More Than Fou  Vincent Seymour (M) Committed to Barry Josey  Toni Hamilton (F) Committed to Calvin Marino	Saul Currier Eldred  Write-In  1-5 <sup>th</sup> District ales	
Robert Tyrell  McNett  Write-In  Delegate to the National Convention  Vote for Not More Than The  Gloria Dillion Heather Heidelbaugh Herbert Devine George A. Fisk Doris Shiddles Andre Ninia	Muncy Write-In n –5 <sup>th</sup> District	Peter F. Saxton Willamsport  Write-In  Delegate to the National Convention Electing 2 Males and 2 Fem. Vote Not More Than Fou  Vincent Seymour (M) Committed to Barry Josey  Toni Hamilton	Saul Currier Eldred  Write-In  1 –5 <sup>th</sup> District ales	

Frank de Piana	
Elizabeth Piazza  Write-In	Robert Rocco (M) Committed to Calvin Marino
Write-In Write-In	Renee Cohn Jubelrier (F) Committed to Calvin Marino
	Morton Steele (M) Committed to Calvin Marino
	Mary Burke (F) Committed to Barry Josey
	Nyda E. Hambin (F) Committed to Barry Josey
	Write-In Write-In Write-In Write-In
Judge of the Superior Court  Vote for One	Judge of the Superior Court  Vote for One
Richard Maxian Philadelphia County	Linda Gapp Cumberland County
Marjorie Hall  Delaware County	Patricia Smallmon Allegheny County
Robert L. Linkey Bucks County	Write-In
Write-In	
Judge of the Commonwealth Court  Vote for One	Judge of the Commonwealth Court  Vote for One
Vote for One Chris Carpenter	Vote for One Eugene Ruff
Vote for One Chris Carpenter Montgomery County	Vote for One  Eugene Ruff  Washington County  Lewis Tese
Vote for One Chris Carpenter Montgomery County	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County
Vote for One  Chris Carpenter  Montgomery County  Write-In  Judge of the Court of Common Pleas	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County  Write-In  Judge of the Court of Common Pleas
Vote for One  Chris Carpenter  Montgomery County  Write-In  Judge of the Court of Common Pleas  Vote for Not More Than Two  Mary L. Daniel	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County  Write-In  Judge of the Court of Common Pleas Vote for Not More Than Two  Joanne Shollzert
Vote for One  Chris Carpenter  Montgomery County  Write-In  Judge of the Court of Common Pleas  Vote for Not More Than Two  Mary L. Daniel  Armstrong  John Roy	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County  Write-In  Judge of the Court of Common Pleas Vote for Not More Than Two  Joanne Shollzert Williamsport  Kerry Jones
Vote for One  Chris Carpenter  Montgomery County  Write-In  Judge of the Court of Common Pleas  Vote for Not More Than Two  Mary L. Daniel  Armstrong  John Roy  Clinton  Jack "Duke" Brodisky	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County  Write-In  Judge of the Court of Common Pleas Vote for Not More Than Two  Joanne Shollzert Williamsport  Kerry Jones Williamsport  Steven Miller
Vote for One  Chris Carpenter  Montgomery County  Write-In  Judge of the Court of Common Pleas  Vote for Not More Than Two  Mary L. Daniel  Armstrong  John Roy  Clinton  Jack "Duke" Brodisky  McNett  Jon Young	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County  Write-In  Judge of the Court of Common Pleas Vote for Not More Than Two  Joanne Shollzert Williamsport  Kerry Jones Williamsport  Steven Miller Lewis  Shirley Henning Mill Creek  Write-In
Chris Carpenter  Montgomery County  Write-In  Judge of the Court of Common Pleas  Vote for Not More Than Two  Mary L. Daniel  Armstrong  John Roy  Clinton  Jack "Duke" Brodisky  McNett  Jon Young  Muncy  Vic Stabile	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County  Write-In  Judge of the Court of Common Pleas Vote for Not More Than Two  Joanne Shollzert Williamsport  Kerry Jones Williamsport  Steven Miller Lewis  Shirley Henning Mill Creek
Chris Carpenter  Montgomery County  Write-In  Judge of the Court of Common Pleas  Vote for Not More Than Two  Mary L. Daniel  Armstrong  John Roy  Clinton  Jack "Duke" Brodisky  McNett  Jon Young  Muncy  Vic Stabile  Gamble	Vote for One  Eugene Ruff Washington County  Lewis Tese Luzerne County  Write-In  Judge of the Court of Common Pleas Vote for Not More Than Two  Joanne Shollzert Williamsport  Kerry Jones Williamsport  Steven Miller Lewis  Shirley Henning Mill Creek  Write-In

	Micheal Santarcangelo Fairfield  Charles Place Gamble  Write-In	School Director Region 6 Four Year Term /ote for Not More Than Tv	<b>V</b> O		
	Gamble Write-In	Region 6 Four Year Term	VΩ		
	\	Region 6 Four Year Term	vo.		
		Region 6 Four Year Term	VO.		
	Douglas Stone				
	Douglas Storie				
	Gerald Danson				
Shlomo Archibald			Greg Ortiz		
Delores DeVan			Shlomo Archibald		
Write-In			Delores DeVan		
	Write-In				
	Write-In				
Commissioner Seat 3 Four Year Term Vote for One	Commissioner Seat 1 Four Year Term Vote for One	Commissioner Seat 2 Four Year Term Vote for One	Commissioner Seat 3 Four Year Term Vote for One		
William Malicki	George Fisk	Tetty Rogiers	Arnold Wells		
Gary Klemann	Write-In	Write-In	Write-In		
Write-In					
	Seat 3 Four Year Term Vote for One William Malicki Gary Klemann Write-In	Shlomo Archibald Delores DeVan Write-In Write-In  Commissioner Seat 3 Four Year Term Vote for One William Malicki Gary Klemann Shlomo Archibald Commissioner Seat 1 Four Year Term Vote for One George Fisk Write-In	Shlomo Archibald  Delores DeVan  Write-In  Write-In  Commissioner Seat 3 Four Year Term Vote for One  William Malicki  George Fisk  Write-In  Commissioner Seat 1 Four Year Term Vote for One  Vote for One  Tetty Rogiers  Write-In  Write-In		

### **Bond Issue**

To promote and assure the preservation and improvement of essential rail passenger and freight services to the inhabitants of the state, shall section two of chapter one hundred eighteen of the laws of nineteen hundred seventy-four, authorizing the creation of a state debt in the amount of two hundred fifty million dollars for capital facilities be approved?

Yes

No

#### **Spanish**

Distrito electoral 1 REP	Distrito electoral 2 REP	Distrito electoral 3 REP	Distrito electoral 1 DEM	Distrito electoral 2 DEM	Distrito electoral 3 DEM
Presidente de los Estados Unidos		Presidente de los Estados Unidos			
Vote por uno			Vote por uno		
James Collins		Barry Josey			
Alexander P. Bicket		Calvin Marino			
Carol Koethen			Por escrito		

Por escrito				
Senador de los Estados Unidos Vote por uno		Senador de los Estados Unidos Vote por uno		
Bob Ford Condado de Allegheny		Oscar Draper Condado de Cumberland		
Colby Lincoln Condado de Delaware				
Por escrito		Por escrito		
Representante en el Congreso 5º Distrito Vote por uno  Ben Baker Condado de Allegheny  Por escrito	Representante en el Congreso 10.º Distrito Vote por uno Cheryl Simon Condado de York Lois Koss Condado de Erie	Barbara Barret Hicks Condado de Montgomery  Clinton Testo Condado Centre  Solution Testo Condado Centre  Condado Centre  Condado Centre  Condado Centre  Condado Centre		
Gobernador	Por escrito	Gobernador		
Vote por uno  Dean Lindsey Condado de Allegheny  Don Etter Condado de Allegheny  Joe Carlton Condado de Washington		Vote por uno  Charles Jasen Condado de Montgomery  Shirley Henning Condado de Luzerne  Por escrito		
Edwin Lewis Condado de Lancaster				
Samuel Lawton  Condado de Bucks.				
Por escrito				
<b>Vicegobergador</b> Vote por uno		<b>Vicegobergador</b> Vote por uno		
Scott Montes Condado de Berks		Sherman R. Bucher Condado de Filadelfia		
Saul Currier Condado de Lehigh		Richard V. Suits Condado de Cambria		
Arnold Krill Condado de Lycoming		Tabathia Song Condado de Allegheny		
Por escrito		Kenneth Interlicchio Condado de Filadelfia Por escrito		
Representante en la Asamblea General 83.° Distrito Vote por uno	Representante en la Asamblea General 84.° Distrito	Representante en la Asamblea General 83.° Distrito Vote por uno	Representante en la Asamblea General 84.º Distrito Vote por uno	

	Vata nanuna	1	1	
	Vote por uno		Neil Carey	
Harry Rider Cascade	Peter Valle <i>Muncy</i>	R. J. Abbott Shrewsbury	Lewis Saul Currier	
Robert Tyrell  McNett	Por escrito	Peter F. Saxton Willamsport	Eldred	
Por escrito		Por escrito	Por escrito	
Delegado a la convención nacional  No vote por no más de tre  Gloria Dillion		Delegado a la convención nacional Elija 2 damas y 2 caballer No vote por más de cuatr	os	
Heather Heidelbaugh Herbert Devine George A. Fisk Doris Shiddles		Vincent Seymour (H) Committed to Barry Josey  Toni Hamilton		
Andre Ninia Brian Getz		(M) Committed to Calvin Marino		
Chad Snow Diane Rubin Elizabeth Piazza		Sam Patel (H) Committed to Barry Josey		
Write-In Write-In		Robert Rocco (H) Committed to Calvin Marino		
Write-In		Renee Cohn Jubelrier (M) Committed to Calvin Marino		
		Morton Steele (H) Committed to Calvin Marino		
		Mary Burke (M) Committed to Barry Josey		
		Nyda E. Hambin (M) Committed to Barry Josey		
		Write-In Write-In Write-In		
		Write-In		
Juez de la corte suprem Vote por uno	a	Juez de la corte suprem Vote por uno	a	
Richard Maxian  Condado de Filadelfia		Linda Gapp  Condado de Cumberland		
Marjorie Hall Condado de Delaware		Patricia Smallmon Condado de Allegheny		
Robert L. Linkey  Condado de Bucks.		Write-In		
Write-In	4.	live de la conte del coto	do	
Juez de la corte del estac Vote por uno	uo	Juez de la corte del esta Vote por uno	uo	
Chris Carpenter Condado de Montgomery		Eugene Ruff Condado de Washington		
Write-In		Lewis Tese Condado de Luzerne		
luoz do lo corte de mimeros in	stancias	Write-In	stancias	
Juez de la corte de primeras in	stancias	Juez de la corte de primeras instancias		

	Vote por no más de dos			No vote por más de dos	
Mary L. Daniel Armstrong			Joanne Shollzert Williamsport		
John Roy Clinton			Kerry Jones  Williamsport		
Jack "Duke" Brodisky  McNett			Steven Miller Lewis		
Jon Young  Muncy			Shirley Henning Mill Creek		
Vic Stabile  Gamble			Por escrito		
Por escrito			Por escrito		
Por escrito					
J	Jefe principal del condad Término de cuatro años Vote por uno	lo	J	efe principal del condac Término de cuatro años Vote por uno	lo
Norman Powers Williamspor	rt		Micheal Santarcangelo Fairfield		
Sandra Reilly <i>McNett</i>			Charles Place Gamble		
Por escrito			Por escrito		
Director de la escuela Región 6 Término de cuatro años No vote por más de dos			Director de la escuela Región 6 Término de cuatro años No vote por más de dos		
Gerald Danson			Douglas Stone		
Greg Ortiz			Gerald Danson		
Shlomo Archibald			Greg Ortiz		
Delores DeVan			Shlomo Archibald  Delores DeVan  Por escrito		
Por escrito					
Por escrito					
			Por escrito		
Comisionado Puesto 1 Término de cuatro años Vote por uno	Comisionado Puesto 2 Término de cuatro años Vote por uno	Comisionado Puesto 3 Término de cuatro años Vote por uno	Comisionado Puesto 1 Término de cuatro años Vote por uno	Comisionado Puesto 2 Término de cuatro años Vote por uno	Comisionado Puesto 3 Término de cuatro años Vote por uno
Stephen Harrick	Steve West	William Malicki	George Fisk	Tetty Rogiers	Arnold Wells
Por escrito	Por escrito	Gary Klemann	Por escrito	Por escrito	Por escrito
		Por escrito			
		Referéndum	n a nivel estatal		

Para promover y asegurar la preservación y mejoramiento del pasajero férreo esencial y servicios de carga para los habitantes del estado, ¿se debe aprobar la sección dos del capítulo ciento dieciocho de las leyes de mil novecientos sesenticuatro, autorizando la creación de una deuda estatal en la cantidad de doscientos cincuenta millones de dólares para instalaciones de capital?

Sí

No

# **Voting Pattern:**

Precinct 1 REP	В	В	В	В	В	В	В	В	В	В
	1	2	3	4	5	6	7	8	9	10
		T	F	President of	the United S				T	
James Collins	Х				X	X		Х		Х
Alexander P. Bicket		Х					X			
Carol Koethen			X						X	
Write-In				Х						
				United S	tates Senato	r				
Bob Ford			Х				Х		Х	
Colby Lincoln	Χ	X		X	Х			X		X
Write-In						X				
			Repr		Congress 5	5 <sup>th</sup> District				
Ben Baker	X	X	X	X	U		X	X	X	X
Write-In						X				
vviite-iii				G	vernor					
Dean Lindsey				X			Х			
Don Etter			Х	_^_	X		^			
Joe Carlton	Χ			<del> </del>		X			Х	Х
Edwin Lewis	Х	Х								
Samuel Lawton								Х		
Write-In										
WIIIO III			l	Lieutena	ant Governo	<u> </u>				l
Scott Montes				Licatori	X					Х
Saul Currier				Х					Х	
Arnold Krill	Х		Х			Х	Х	Х	,	
Write-In		Х	^					,		
		, ,	Representat	tive in the G	eneral Asser	nbly 83 <sup>rd</sup> Dis	trict	l	l	l
Harry Rider	Χ	Х	Г	X	1	X		Х	Х	
Robert Tyrell			Х				Х			Х
Write-In					X\					
		I.	Pre	sidential No	mination De	legation		I.	I.	I.
Gloria Dillion	Х	X		Х		X		Х	Х	Х
Heather										
Heidelbaugh		Х			Х					Х
Herbert Devine		Х	Х	Х			X	Х	Х	Х
George A. Fisk	Х				Х					
Doris Shiddles			Х						Х	
Andre Ninia								Х		
Brian Getz	Х		Х	Х						
Chad Snow							Х			
Diane Rubin							X			
Elizabeth Piazza					Х					
Write-In						X				
Write-In						Х				
Write-In										
				Judge of the	e Superior C	ourt				
Richard Maxian					Х		Х		U	
Marjorie Hall		Х				Х				
Robert L. Linkey	X			Х				Х		Х
Write-In			Х							
·			Juc	dge of the Co	ommonwealt	h Court				

Chris Capenter   X											
Wither   Name	Chris Carpenter	Х	X	X	X	X	U	X	X	X	X
Mary L. Daniel   X	Write-In										
Mary L. Daniel   X	•		•	Jude	ge of the Co	urt of Comm	on Pleas				
John Roy	Mary L. Daniel	Х	X						Х	Х	Х
Jack   Tuber	John Rov										
Brodisky	Jack "Duke"										.,
John Young	Brodisky	Х		X	X	X		X		X	Х
Vis. Stable	Jon Young			X				Ш			
Write-In         County Chief Executive           Norman Powers         X	Vic Stabile			Λ		Y					
Write-In							V				
County Chief Executive	Write In				+		^				
Norman Powers   X	Wille-III		l		County C	l hiof Expositi	\			J	
Sandra Reilly	Norman Dawara		1	l v		illei Executi		T v		T	
School Director Region 6   School Director Region 8   School Director Reg		X		Χ	Α		^	Λ	Χ		Χ
School Director Region 6			X			X				X	
Serial Danson	Write-In				<u> </u>	<u> </u>	<u> </u>				
Step						ector Regio					
Delores DeVan				X	X		X		X		
Delores DeVan		X				X		X			X
Write-In			X	Х	X	Х		X	Х		X
Stephen Harrick			X				X			X	
Write-In											
Commissioner Seat   Stephen Harrick   U   X   X   X   X   X   X   X   X   X											
Stephen Harrick			•	•	Commis	sioner Seat	1	•	•	•	
Write-In	Stephen Harrick	U	Х	Х				Х	Х	Х	Х
Referendum A			1		1		Х	1		i i	
Yes			1	1	Refe	rendum A	, ,	1		1	<u> </u>
No	Yes	[]		X				X	X		X
Precinct 1 DEM			Y			Α	Y			Y	Λ
1	140							1			
Barry Josey				3	4	5		7			10
Calvin Marino	Barry Josey	Х	U								
Write-In				Х	Х	Х			Х	Х	Х
United States Senator	Write-In							X			
Oscar Draper	•		•	•	United S	tates Senato	or				
Carter McGaw	Oscar Draper	Х		Х					Х		Х
Write-In			X					X		Х	
Representative in Congress 5th District								7.		,	
Barbara Barret	WillO III		I	Penr	esentative in	Congress	5 <sup>th</sup> District				
Hicks	Parhara Parrat			l Kepi		l Congress .	District	1		1	
X		X	X	Х		X		X		X	
Write-In											
Charles Jasen					^				^		^
Charles Jasen	Wille-III				G	Nornor .	^		1	l	
Shirley Henning	Charles Jacon	У						T v		1	
Virice-In		^	- V	^	<del>  ^</del>	^		<u> </u>	- V		
Company of the Image	Onliney Henning		X		+	1	X		X	X	
X	vvrite-in				1				L	J	X
Bucher			1	1	Lieutena	ant Governo	r	1		1	
Richard V. Suits					X					1	
Tabathia Song         X         U         X         X         U         X         X         X         U         X         <			1		<del>                                     </del>	ļ		ļ.,,			
Kenneth					1			X		ļ	
Interlicchio		Χ			1					X	
InterlicChio			x	×	1	×	×		×		
Representative in the General Assembly 83 <sup>rd</sup> District			ļ <u>``</u>	^	1		^			ļ	
R. J. Abbott         X         X         X         X         U           Peter F. Saxton         X         X         X         X           Write-In         X         X         X         X           Presidential Nomination Delegation           Vincent Seymour         U         X         X         X           Toni Hamilton         X         X         U         X         X	Write-In										X
R. J. Abbott         X         X         X         X         U           Peter F. Saxton         X         X         X         X           Write-In         X         X         X         X           Presidential Nomination Delegation           Vincent Seymour         U         X         X         X           Toni Hamilton         X         X         U         X         X				Representa		eneral Assei		strict			
Peter F. Saxton         X         X         X           Write-In         X         X         X           Presidential Nomination Delegation           Vincent Seymour         U         X         X         X           Toni Hamilton         X         X         U         X         X         X		X	X						X	]	Ū
Write-In         X           Presidential Nomination Delegation           Vincent Seymour         U         X         X         X           Toni Hamilton         X         X         U         X         X         X				X		X				Х	
Presidential Nomination Delegation           Vincent Seymour         U         X         X         X           Toni Hamilton         X         X         U         X         X         X								Х			
Vincent Seymour         U         X         X         X           Toni Hamilton         X         X         U         X         X         X				Pre	sidential No	mination De	legation				
Toni Hamilton X X U X X X X	Vincent Seymour		1		1			T	1		
				U		X		X		X	
	Toni Hamilton	X	X		X	X	X	X	X	X	

Robert Rocco	X	X	U	Х	U	X		X		
Renee Cohn	Х	Х		X	U	Х		Х		
Jubelrier					U					
Morton Steele	X	U		X		X		X		
Mary Burke							X		X	
Nyda E. Hambin							X			
Write-In									X	X
Write-In										X
Write-In										Χ
Write-In										Χ
				Judge of the	e Superior C	ourt				
Linda Gapp				X				X		
Patricia Smallmon	X	X	Х		Х	X			X	Χ
Write-In							X			
			Ju	dge of the Co	ommonwealt	h Court				
Eugene Ruff			Х	X		X	Х	Х	X	
Lewis Tese	Х	X			X					X
Write-In										
		•	Jud	ge of the Co	urt of Comm	on Pleas		•		
Joanne Shollzert	X		Х	X	X	X		Х		X
Kerry Jones	X	Х		X	X		Х	X	Х	
Steven Miller	1	X		1	1	Х	-	-	X	
Shirley Henning		1	Х	1			Х			
Write-In				1						X
Write-In				1						
to III	l	I.	l	County C	hief Executi	/e		l	1	
Micheal						 				
Santarcangelo	X		Х	X	X		X	X	X	
Charles Place		Х				Х				X
Write-In				+		^				
wille-iii				School Div	ector Regio	n 6				
Douglas Stone	I	Х		X	ector Regio	1				
Gerald Danson	Х	^	Х	X			X	Х	X	X
	^		^	^			^	^	^	X
Greg Ortiz		Х	V	1	X	V	· · · · · · · · · · · · · · · · · · ·			
Shlomo Archibald	Х		Х		Х	X	Х			
Delores DeVan						Х		Х		
Write-In										
Write-In				0						
O F'-1-	I V	T V			sioner Seat		V			
George Fisk	Х	Х	Х	X	X	Х	Х	Х	Х	Х
Write-In				D-6-						
		1			rendum A	1			1	
Yes	Х		Х	X	X		Х	U		
No		Х				X			Х	X
Precinct 2 REP	В	В	В	В	В	В	В	В	В	В
			3	4	5	6	7	8	9	10
	1	2								
James Collins	1			President of	the United S	tates				
Janics Comms	1 X			President of	the United S	tates	Х		Х	
	l .	X		President of			X		X	
Alexander P.	l .			President of		tates X	Х		Х	
Alexander P. Bicket	l .						X	X	X	
Alexander P. Bicket Carol Koethen	l .			President of			X	X	Х	
Alexander P. Bicket	l .			X	X	Х	X	X	X	X
Alexander P. Bicket Carol Koethen Write-In	l .	X		X		Х	X		X	
Alexander P. Bicket Carol Koethen Write-In Bob Ford	X		X	X	tates Senato	X		X		X
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln	l .	X		X United S	X	Х	X		X	
Alexander P. Bicket Carol Koethen Write-In Bob Ford	X	X	X	X United S	tates Senato	X or X				
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln Write-In	X	X	X	X United S	tates Senato	X or X	X	X	X	Х
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln Write-In  Ben Baker	X	X	X	United S  X esentative in	tates Senato	X  x  x  x  br  X				
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln Write-In	X	X	X	United S  X esentative in	tates Senato	X or X	X	X	X	Х
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln Write-In  Ben Baker Write-In	X	X	X	United S  X esentative in	tates Senato	X  x  x  x  br  X	X	X	X	Х
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln Write-In  Ben Baker Write-In  Dean Lindsey	X	X	X X Repr	United S  X esentative in	tates Senato  X  Congress 5  X  vernor	X  x  x  x  br  X	X	X	X	Х
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln Write-In  Ben Baker Write-In  Dean Lindsey Don Etter	X	X	X	United S  X esentative in	tates Senato	X  or  X  br District	X	X	X	X
Alexander P. Bicket Carol Koethen Write-In  Bob Ford Colby Lincoln Write-In  Ben Baker Write-In  Dean Lindsey	X	X	X X Repr	United S  X esentative in	tates Senato  X  Congress 5  X  vernor	X  x  x  x  br  X	X	X	X	Х

Samuel Lawton								Х		
Write-In			1	1						
•				Lieutena	ant Governo	r	•		•	
Scott Montes	X							X		
Saul Currier		Х					X			Х
Arnold Krill			X	X	Х				Х	
Write-In						Х				
•		-	Representa	tive in the G	eneral Asse	mbly 83 <sup>rd</sup> Di	strict	•		
Harry Rider	Х	Х	X		Х	X		Х		X
Robert Tyrell				X			X		Х	
Write-In										
			Pre	esidential No	mination De	elegation				
Gloria Dillion	Х	Х	X				X	Х		X
Heather	Х		Х							Х
Heidelbaugh			^							^
Herbert Devine	Х			X	X		X	U		X
George A. Fisk		X						U		
Doris Shiddles		X			X					
Andre Ninia		<u> </u>	X							
Brian Getz				X	X					
Chad Snow				Х		Х				
Diane Rubin						X			X	
Elizabeth Piazza						X	X			
Write-In									X	
Write-In	-								X	
Write-In										
				Judge of the	e Superior C	Court				
Richard Maxian				X						X
Marjorie Hall		X				X				
Robert L. Linkey	Χ		X		X		X	X	X	
Write-In										
				dge of the Co						
Chris Carpenter	Χ	U	X	X	Х	X	X	X	X	X
Write-In										
				ge of the Co	urt of Comn					1
Mary L. Daniel		Х	Х	X		Х	X	X	X	
John Roy	X	Х							Х	Х
Jack "Duke"	Χ		X		X	X		X		X
Brodisky			+							
Jon Young			<u> </u>	X						
Vic Stabile			<u> </u>	<u> </u>	Х		Х			
Write-In			+	+						
Write-In					 					
Name on Day	V	T		County C	hief Executi		1			1
Norman Powers	Х	V	+	+	Х	X	V	Х	X	V
Sandra Reilly		Х	X	Х	1	+	Х	1	1	Х
Write-In				School Di-	roctor Doc!		1		1	
Corold Danasia	11	V			rector Regio	711 O	T		I v	V
Gerald Danson	U	X	+	X	Х			X	X	Х
Greg Ortiz	U	Х	X	+	V	Х	1	X	Х	V
Shlomo Archibald			Х	X	Х				1	Х
Delores DeVan		1	+	+		Х			1	
Write-In		<del> </del>	+	+	1	1	X		<del> </del>	
Write-In		<u>I</u>			cioner Cart	1	U	1	<u> </u>	
Stove Most			T v		sioner Seat		T v			V
Steve West	X		X	X	Х	Х	Х	X	U	Х
Write-In		X				1	1		<u> </u>	
Vas		Т	T V		rendum A			V		T
Yes	U	<del></del>	X	X	Х	Х	X	X	U	V
No		Х	_1	_1		1				Х
	_								В	В
Precinct 2 DEM	P									
Precinct 2 DEM	В 1	B 2	B 3	B 4	B 5	B 6	B 7	B 8	В 9	10

5 .					1		1		1	
Barry Josey	Х	Х		Х		Х	V	Х		Х
Calvin Marino			X		Х		Х		V	
Write-In				United C	l tates Senato	_			Х	
Oscar Draper	Х		Х		lates Senato	or T	Х	1	I	Х
Carter McGaw			X	Х	Х		Α			
		Х			^	X		Х	X	
Write-In			Danu	l esentative in	Congress	th District			^	
Barbara Barret			керг	esentative in	Congress	District		1	I	1
			X	X	X		X	X	X	X
Hicks Clinton Testo		X				X				
Write-In	Х	^				^				
vviite-iii	^			Go	vernor		<u> </u>			J
Charles Jasen	X	Х	Х	1	X	Х		T	Х	T
Shirley Henning	^	^	^	X	^	^		X	^	X
				^			Х	^		^
Write-In				Lioutona	ınt Governo	<u> </u>				
Sherman R.				Lieutena	Int Governo		1	1	I	1
Bucher		X						X		
Richard V. Suits				+		<del> </del>	+	<del> </del>		X
Tabathia Song			Х	+		<del> </del>	Х	<del> </del>		_ ^
Kenneth			^	+		<del> </del>		<del> </del>		<del> </del>
Interlicchio	Χ			X	X	Х		1	X	1
Write-In				1		<del> </del>	1	<del> </del>		<del>                                     </del>
vviilC-111			Panrasantat	ive in the G	neral Asser	nply 83 <sub>td</sub> D:	trict	1	l	i .
R. J. Abbott	X	X	rehi eselitat	X	X X	X	- IIII	Х	Х	
Peter F. Saxton	^	^	Х	^	^	^	Х	^	^	X
Write-In			^	<del> </del>		1		1		^
Wille-III			Bro	sidential No	mination Do	logation	1	l		l
Vincent Seymour		Х	FIE	X		X		Х	I	1
Toni Hamilton	Х	^	Х	^	X	X	Х	^	Х	Х
Sam Patel	^		^		^		^		^	
Robert Rocco	Х	Х	Х	Х	Х	X	Х	X U	X	X
Renee Cohn	^		^			^	^	U	^	^
Jubelrier	X		X		X		X	U	X	X
Morton Steele	Х		X	+	Х		Х		Х	
Mary Burke		Х		Х						
Nyda E. Hambin		X		X						
Write-In										
Write-In				+						
Write-In										
Write-In										
vviile-iii				Judge of the	Superior C	Ourt				
Linda Gapp		Х		Judge of the	Superior C	X		Х	1	
Patricia Smallmon	X	^	X	Х	Х		Х	<del>  ^</del>	Х	Х
Write-In	^		^		_^_	+	^	+		
VVIIIO-III		l l	luc	lge of the Co	mmonwealt	h Court	1	1	l .	1
Eugene Ruff	Х	Х	Juc	X	X	55411	Х	Х	Х	
Lewis Tese	^	^	Х		_^_	Х	^			Х
Write-In				<del> </del>			<del> </del>	<del>                                     </del>		^
77.11O III		<u> </u>	.lude	ge of the Cou	irt of Comm	on Pleas	I	1	l	1
Joanne Shollzert	Х	Х	X		X	X	1	Х	Х	Х
Kerry Jones	X	X	^	Х	X	U	Х		X	
Steven Miller	^	^	X			<del>                                     </del>	X	+		Х
Shirley Henning			^	Х		+	^	Х		
Write-In						+	<del> </del>			<del> </del>
Write-In				<del> </del>		+	<del> </del>	+		+
***************************************		ı İ		County C	l hief Executiv	Ve	1	1	<u> </u>	1
Micheal		Г						1	I	1
Santarcangelo	Χ		Χ		X	X	X	1	X	
Charles Place		X		X		-	-	X		X
Charles Place		^		_ ^		<del> </del>	+	_ ^		_ ^
Write-In				School Di-	ector Regio	n 6	L	1	<u> </u>	<u> </u>
Douglas Stone		· · ·		School Dir	ector Region	110	U	1	· ·	
Douglas Stone Gerald Danson		X		X		X	U	X	X	V
	X	^	Х				U			X
Greg Ortiz	٨		٨			L		L		Ι Λ

Shlomo Archibald			X	X		X		X		
Delores DeVan	X				X					
Write-In					Х					
Write-In										
					sioner Seat					
Tetty Rogiers	X	X	X	X	U	X	X	X	X	X
Write-In										
.,					rendum A	1				
Yes	X	X	U	X	U		U	X	X	
No						X				X
Precinct 3 REP	В	В	В	В	В	В	В	В	В	В
	1	2	3	4	5	6	7	8	9	10
	•	•		President of	the United	States	•		•	•
James Collins	Х	X		U		Х		X		X
Alexander P.					Х		X			
Bicket										
Carol Koethen			X						X	
Write-In										
				United S	tates Senat					
Bob Ford	U					X			X	
Colby Lincoln		X		X	Х		X	X		X
Write-In			X							
			Rep	resentative ir	Congress '	10 <sup>th</sup> District				
Cheryl Simon		Х		Х					Х	
Lois Koss	Х		Х		Х	X	Х	Х		Х
Write-In										
		1			overnor	1	1			
Dean Lindsey				X			X			
Don Etter			X		Х				.,	
Joe Carlton	X					X			Х	Х
Edwin Lewis		X								
Samuel Lawton	1		-			-		X		
Write-In				Lieuten						
Coott Montes	T V	1		Lieuten	ant Governo		1			
Scott Montes Saul Currier	X		X	X		X		X		X
Arnold Krill	+	X	+	^	X	+	X	+	X	^
Write-In	-			-		+		+	X	
vviite-III	1	I	Renresent	ative in the G	eneral Asso	mbly 84rd D	istrict			1
Peter Valle	Х	Х	X	X	U U	X	X		Х	Х
Write-In		^	^	^	+			X		
VVIII.O-III			Pr	esidential No	mination D	elegation				
Gloria Dillion	Х		<del></del>	Jordonida NC	X	U	Х			
Heather	X			+		U		X	Х	
Heidelbaugh	_ ^								^	
Herbert Devine	Х			1	Х	U	Х			
George A. Fisk	<u> </u>	X		1	X	1 -	X			Х
Doris Shiddles	†	X				1	1			
Andre Ninia	1	X		X		1	1	X		

Judge of the Commonwealth Court

Χ

Judge of the Superior Court

Χ

Χ

Χ

Χ

Χ

Χ

Χ

U

X X X

Χ

Andre Ninia

Brian Getz

Chad Snow Diane Rubin Elizabeth Piazza

Write-In

Write-In Write-In

Richard Maxian

Chris Carpenter

Marjorie Hall Robert L. Linkey

Write-In

Χ

Χ

X

Χ

X

Χ

Χ

Χ

Χ

U

Write-In				Х						
vviito iii			Judo	ge of the Cou	urt of Comm	on Pleas		I		
Mary L. Daniel		U	X	X	X		Х	Х	Х	Х
John Roy		Ü		Х					Х	
Jack "Duke"	Х		Χ	1	Х	Х		Х		Х
Brodisky										
Jon Young						Х				
Vic Stabile							Х			
Write-In	Х									
Write-In										
				County C	hief Executiv	ve	I.	<u> </u>		I
Norman Powers	Χ		Х	X		Х	Х		Χ	
Sandra Reilly		Х			Х			Х		Х
Write-In										Λ
WIIIG-III				School Dir	ector Regio	n 6				
Gerald Danson		Х	Χ	School Dil	l Regio	X		Х		Х
Greg Ortiz		_ ^	X	Х				X	X	^
Shlomo Archibald	Х	Х	^	X	Х	Х	X	^	X	Х
Delores DeVan	X	^			X	_^_	X		^	^
Write-In	^	1			^		_^_			
Write-In		-			<del>                                     </del>					
vviile-iii				Commis	ioner Seat	2				
William Malicki	X		V	Commis		<u>و</u> ا	· ·	Х	Х	
	^	Х	X	- V	Х		Х	^	^	Х
Gary Klemann		<del>                                     </del>		X	1	Х				
Write-In		<u> </u>		D-/	l andura A	I	l .			
Van		<u> </u>	V	Kefer	rendum A		1	· · ·		
Yes	Χ		Х	V	Х	Х		Х	Х	
No		Х		X	J		Х			X
Precinct 3 DEM	В	В	В	В	В	В	В	В	В	В
FIECITICE 3 DEW	1	2	3	4	5	6	7	8	9	10
				President of						
Barry Josey				X	line orinted e	X		Х		
Calvin Marino	Х		Χ		Х		Х		Х	Х
Write-In		.,							Λ	
		X								
		X		United St	tates Senato	or	l	I		
					tates Senato			X	X	
Oscar Draper	X	X	Y	United St	tates Senato	or X	X	Х	Х	Y
Oscar Draper Carter McGaw	X		X				X	X	X	X
Oscar Draper	Х			X	X	X	X	Х	X	X
Oscar Draper Carter McGaw Write-In		X	Repre	X esentative in	X Congress 1	X 0 <sup>th</sup> District				
Oscar Draper Carter McGaw Write-In William Sullivan	X			X	X	X	X	X	X	X
Oscar Draper Carter McGaw Write-In		X	Repre	esentative in	Congress 1	X 0 <sup>th</sup> District				
Oscar Draper Carter McGaw Write-In William Sullivan Write-In	X	X	Repre X	esentative in X	Congress 1 X overnor	X 0 <sup>th</sup> District	X		X	
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen		X	Repre	esentative in	Congress 1	X 0 <sup>th</sup> District X				X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning	X	X	Repre X	esentative in X	Congress 1 X overnor	X 0 <sup>th</sup> District	X	U	X	
Oscar Draper Carter McGaw Write-In William Sullivan Write-In	X	X	Repre X	esentative in X	Congress 1 X  overnor X	X  Oth District  X	X		X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In	X	X	Repre X	esentative in X	Congress 1  X  vernor  X  ant Governor	X  Oth District  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R.	X	X	Repre X	esentative in X	Congress 1 X  overnor X	X  Oth District  X	X	U	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher	X	X	Repre X	esentative in X	Congress 1  X  vernor  X  ant Governor	X  Oth District  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In  William Sullivan Write-In  Charles Jasen Shirley Henning Write-In  Sherman R. Bucher Richard V. Suits	X	X	Repre X	esentative in X	Congress 1  X  vernor  X  ant Governor	X  Oth District  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song	X	X	Repre X	Sentative in X  Go X  Lieutena	Congress 1  X  vernor  X  ant Governor	X  Oth District  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth	X	X	Repre X	esentative in X	Congress 1  X  vernor  X  ant Governor	X  Oth District  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio	X	X	Repre X	Sentative in X  Go X  Lieutena	Congress 1  X  vernor  X  ant Governor	X  Oth District  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth	X	X X X	Repre	Sentative in X Go X Lieutena	Congress 1  X  vernor  X  ant Governo  X	X  Oth District  X  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In	X	X X X	Repre	Seentative in X  Go X  Lieutena  X	Congress 1  X  vernor  X  ant Governo  X	X  Oth District  X  X  x  mbly 84 <sup>rd</sup> Dis	X	X X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In Neil Carey	X	X X X	Repre X U	Sentative in X Go X Lieutena	Congress 1  X  Vernor  X  ant Governo  X  eneral Asser	X  Oth District  X  X	X	U X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In Neil Carey Saul Currier	X	X X X	Repre	Seentative in X  Go X  Lieutena  X	Congress 1  X  vernor  X  ant Governo  X	X  Oth District  X  X  x  mbly 84 <sup>rd</sup> Dis	X	X X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In Neil Carey	X	X X X	Repre X  U  X  Representat	Sesentative in X  Go X  Lieutena  X	Congress 1 X  Evernor X  Ant Governo X  Eneral Asser	X  Oth District  X  X  r  About the second of the second o	X	X X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In Neil Carey Saul Currier Write-In	X	X X X	Repre X  U  X  Representati X	Seentative in X  Go X  Lieutena  X	Congress 1  X  Vernor  X  ant Governo  X  eneral Asser  X	X  Oth District  X  X  r  About the second of the second o	X	X X	X	X
Oscar Draper Carter McGaw Write-In William Sullivan Write-In Charles Jasen Shirley Henning Write-In Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In Neil Carey Saul Currier Write-In Vincent Seymour	X	X X X	Representat  X  Representat  X  Pre	Separative in X  Go X  Lieutena  X  Live in the Go X	Congress 1 X  Evernor X  Ant Governo X  Eneral Asser	X  Oth District  X  X  r  mbly 84 <sup>rd</sup> Dis  X	X	X X X	X	X
Oscar Draper Carter McGaw Write-In  William Sullivan Write-In  Charles Jasen Shirley Henning Write-In  Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In  Neil Carey Saul Currier Write-In  Vincent Seymour Toni Hamilton	X	X X X	Representat  X  Representat  X  Pre  U	Sesentative in X  Go X  Lieutena  X	Congress 1 X  Evernor X  Ant Governo X  Eneral Asser X  mination De X	X  Oth District  X  X  r  About the second of the second o	X X X strict X	X X	X X X	X
Oscar Draper Carter McGaw Write-In  William Sullivan Write-In  Charles Jasen Shirley Henning Write-In  Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In  Neil Carey Saul Currier Write-In  Vincent Seymour Toni Hamilton Sam Patel	X X X	X X X X X X X X X	Representat  X  Representat  X  Pre  U  U  U	Sentative in X  Go X  Lieutena  X  tive in the Go X  sidential No	Congress 1 X  Vernor X  Ant Governor X  eneral Asser X  mination De X	X  Oth District  X  X  T  Mbly 84 <sup>rd</sup> Dis  X  legation	X	X X X	X	X
Oscar Draper Carter McGaw Write-In  William Sullivan Write-In  Charles Jasen Shirley Henning Write-In  Sherman R. Bucher Richard V. Suits Tabathia Song Kenneth Interlicchio Write-In  Neil Carey Saul Currier Write-In  Vincent Seymour Toni Hamilton	X	X X X	Representat  X  Representat  X  Pre  U	Separative in X  Go X  Lieutena  X  Live in the Go X	Congress 1 X  Evernor X  Ant Governo X  Eneral Asser X  mination De X	X  Oth District  X  X  r  mbly 84 <sup>rd</sup> Dis  X	X X X strict X	X X X	X X X	X

Jubelrier										
Morton Steele	Х	U		Х		Х		Х		
Mary Burke							Х		Х	
Nyda E. Hambin							Х			
Write-In									Х	Х
Write-In										X
Write-In										X
Write-In										X
	•			Judge of the	Superior C	ourt				
Linda Gapp			Х			X		Х		
Patricia Smallmon	Х	Х		Х	Х		Х		Х	X
Write-In										
			Jud	lge of the Co	mmonwealt	h Court				
Eugene Ruff	X	Х		X		X	Х		Х	
Lewis Tese			Х		Х			Х		Х
Write-In										
			Judo	ge of the Cou	rt of Comm	on Pleas				
Joanne Shollzert		Х	Х		X	X		X	X	
Kerry Jones			Х	X	Х	U	Х	X		
Steven Miller		Х					Х		Х	Х
Shirley Henning				X						Х
Write-In	Х									
Write-In	Χ									
				County Ch	ief Executiv	ve				
Micheal	Х		Х	Х		Х	Х		Х	Х
Santarcangelo	^		^	^		^	^		^	^
Charles Place					Х			X		
Write-In		Х								
				School Dire	ctor Regio	n 6				
Douglas Stone	Χ		Χ					X		
Gerald Danson		Х	Χ	X	Χ	X				Х
Greg Ortiz	Χ			Х					Χ	
Shlomo Archibald		Χ			Χ		Х	X	Χ	Χ
Delores DeVan						X	Х			
Write-In										
Write-In										
				Commiss	ioner Seat		-			
Arnold Wells	Χ	Х	Χ	X	Χ	Х	Χ		Х	Х
Write-In								X		
				Refere	endum A					
Yes	Χ		X		Χ		Χ		Χ	
No		Χ		X		X		X		X

# **Test Results:**

Precinct 1 REP

**President of the United States**James Collins
Alexander P. Bicket

Carol Koethen 2
Write-In 1
Undervotes 0

**United States Senator** 

Representative in Congress 5t	h District
Ben Baker	8
Write-In	1
Undervotes	1
Governor	
Dean Lindsey	2
Don Etter	2
Joe Carlton	4
Edwin Lewis	1
Samuel Lawton	1
Write-In	0
Undervotes	0
Lieutenant Governor	
Scott Montes	2
Saul Currier	2
Arnold Krill	5
Write-In	1
Undervotes	0
Representative in the General	Assembly 83rd District
Harry Rider	6
Robert Tyrell	3
Write-In	1
Undervotes	0
Presidential Nomination Deleg	gation
Gloria Dillion	7
Heather Heidelbaugh	3
Herbert Devine	7
George A. Fisk	2
Doris Shiddles	2
Andre Ninia	1
Brian Getz	3
Chad Snow	1
Diane Rubin	
Elizabeth Piazza	i
Write-In	2
Undervotes	
Chacivotes	·
Judge of the Superior Court	
Richard Maxian	2
Marjorie Hall	2 2
Robert L. Linkey	4
Write-In	1
Undervotes	1
Chacivotes	•
Judge of the Commonwealth	Court
Chris Carpenter	9
Write-In	$\stackrel{\circ}{0}$
Undervotes	ĭ
Chacivotes	
Judge of the Court of Commo	n Pleas
Mary L. Daniel	7
John Roy	1
Jack "Duke" Brodisky	7
Jon Young	
Vic Stabile	1
Write-In	1
Undervotes	2
Chact votes	-
County Chief Executive	
Norman Powers	7
Sandra Reilly	3
Write-In	
Undervotes	
CHUCH VOICS	V

C.L. ID' A. D C	
School Director Region 6	
Gerald Danson	5
Greg Ortiz	4
Shlomo Archibald	8
Delores DeVan	3
Write-In	0
Undervotes	0
Commissioner Seat 1	
Stephen Harrick	8
Write-In	
Undervotes	1
Chacivotes	
Referendum A	
Yes	6
No No	3
Undervote	
Undervote	1
Precinct 1 DEM	
President of the United States	
Barry Josey	2
Calvin Marino	6
Write-In	1
Undervotes	1
Undervotes	1
United States Senator	
Oscar Draper	7
Carter McGaw	
Write-In	3
Undervotes	0
<b>D</b> 40 50 50	
Representative in Congress 5tl	
Barbara Barret Hicks	6
Clinton Testo	3
Write-In	1
Undervotes	0
Governor	
Charles Jasen	5
Shirley Henning	4
Write-In	1
Undervotes	0
Lieutenant Governor	
Sherman R. Bucher	1
Richard V. Suits	Ī
Tabathia Song	2
Kenneth Interlicchio	5
Write-In	
Undervotes	0
Representative in the General	Assembly 83rd District
R. J. Abbott	5
Peter F. Saxton	3
Write-In	1
Undervotes	1
Presidential Nomination Deleg	gation
Vincent Seymour	3
Toni Hamilton	5
Sam Patel	3
Robert Rocco	5
Renee Cohn Jubelrier	5
Morton Steele	4
Mary Burke	2
Nyda E. Hambin	1
Write-In	5
	5 7
Undervotes	ı

Judge of the Superior Court	
Linda Gapp	2
Patricia Smallmon	7
Write-In	1
Undervotes	0
Judge of the Commonwealth (	Court
France Doeff	
Eugene Ruff	6
Lewis Tese	4
Write-In	0
Undervotes	0
Chack votes	·
T 1 641	. Disco
Judge of the Court of Common	
Joanne Shollzert	7
Kerry Jones	7
Steven Miller	3
Shirley Henning	$\frac{3}{2}$
Write-In	1
Undervotes	0
County Chief Executive	
Michael Contor1-	7
Micheal Santarcangelo	7
Charles Place	3
Write-In	0
Undervotes	0
Calcal Disease Posts of	
School Director Region 6	
Douglas Stone	3
Gerald Danson	7
Greg Ortiz	3
Shlomo Archibald	
	5
Delores DeVan	2
Write-In	0
Undervotes	0
Chack votes	·
a	
Commissioner Seat 1	
George Fisk	10
Write-In	0
Undervotes	0
Chacivotes	
D. 6 1 A	
Referendum A	
Yes	5
No	4
Undervote	I
Chacivote	
Precinct 2 REP	
President of the United States	
James Collins	5
Alexander P. Bicket	2
Carol Koethen	2
Write-In	I
Undervotes	0
onder voics	v
United States Senator	
Bob Ford	3
Colby Lincoln	6
Write-In	1
Undervotes	0
Representative in Congress 5tl	h District
Ben Baker	6
Write-In	
	2
Undervotes	2
İ	

Governor	
Dean Lindsey	2
Don Etter	$\frac{2}{2}$
Joe Carlton	4
Edwin Lewis	1
Samuel Lawton	1
Write-In	0
Undervotes	0
Chack votes	·
T	
Lieutenant Governor	
Scott Montes	2
Saul Currier	3
Arnold Krill	4
Write-In	1
Undervotes	0
Chack votes	·
Representative in the General	Accombly 92nd Dictrict
Kepresentative in the General	
Harry Rider	7
Robert Tyrell	3
Write-In	0
Undervotes	0
Presidential Nomination Deleg	ation
Gloria Dillion	6
Heather Heidelbaugh	3
Herbert Devine	5
George A. Fisk	
Doris Shiddles	2
Andre Ninia	1
Brian Getz	2
Chad Snow	2
Diane Rubin	2
Elizabeth Piazza	$\frac{1}{2}$
	$\frac{2}{2}$
Write-In	
Undervotes	2
Judge of the Superior Court	
Richard Maxian	2
Marjorie Hall	2
Robert L. Linkey	6
Write-In	$\stackrel{\circ}{0}$
	$\stackrel{\circ}{0}$
Undervotes	U
Judge of the Commonwealth C	
Chris Carpenter	9
Write-In	0
Undervotes	1
Judge of the Court of Common	n Pleas
Mary L. Daniel	7
John Roy	4
Jack "Duke" Brodisky	
	6
Jon Young	1
Vic Stabile	2
Write-In	0
Undervotes	0
County Chief Executive	
Norman Powers	5
Sandra Reilly	5
Write-In	$\stackrel{\circ}{0}$
Undervotes	$0 \\ 0$
Undervotes	·
School Diverton Desired	
School Director Region 6	
Gerald Danson	6
Greg Ortiz	5
Shlomo Archibald	4
Delores DeVan	1
Write-In	1
Undervotes	3
Chactvoics	

Ciii	
Commissioner Seat 2	
Steve West	8
Write-In	1
Undervotes	1
Referendum A	
Yes	6
No	2
Undervote	2
Precinct 2 DEM	
President of the United States	
Barry Josey	6
Calvin Marino	3
Write-In	
Undervotes	0
<b>United States Senator</b>	
Oscar Draper	5
Carter McGaw	3
Write-In	2
Undervotes	0
Representative in Congress 5th	
Barbara Barret Hicks	7
Clinton Testo	2
Write-In	1
Undervotes	0
Governor	
Charles Jasen	6
Shirley Henning	3
Write-In	1
Undervotes	0
Undervotes	
Lieutenant Governor	
Sherman R. Bucher	2
Richard V. Suits	1
Tabathia Song	2
Tabauna Song	5
Kenneth Interlicchio	
Write-In	0
Undervotes	0
Democratica in the Consul	A bl- 02-d District
Representative in the General	
R. J. Abbott	7
Peter F. Saxton	3
Write-In	0
Undervotes	0
Presidential Nomination Deleg	ration
Vincent Seymour	
T: H:	4
Toni Hamilton	7
Sam Patel	5
Robert Rocco	7
Renee Cohn Jubelrier	6
Morton Steele	5
Mary Burke	2
Nyda E. Hambin	2
Write-In	0
Undervotes	$\frac{0}{2}$
Judge of the Superior Court	
Linda Gapp	3 7
Patricia Smallmon	7
Write-In	0
Undervotes	0

Judge of the Commonwealth Court				
Eugene Ruff	7			
Lewis Tese	3			
Write-In	0			
Undervotes	0			
Judge of the Court of Commo	n Pleas			
Joanne Shollzert	8			
Kerry Jones	6			
Steven Miller	3			
Shirley Henning	2			
Write-In	0			
Undervotes	1			
<b>County Chief Executive</b>				
Micheal Santarcangelo	6			
Charles Place	4			
Write-In	0			
Undervotes	0			
School Director Region 6				
Douglas Stone	2			
Gerald Danson	6			
Greg Ortiz	3			
Shlomo Archibald	4			
Delores DeVan	2			
Write-In	1			
Undervotes	2			
Commissioner Seat 2				
Tetty Rogiers	9			
Write-In	$\stackrel{\circ}{0}$			
Undervotes	1			
Olider voics	•			
Referendum A				
Yes	5			
No	2			
Undervote	3			
Olidervote				
Precinct 3 REP				
President of the United States				
James Collins	5			
Alexander P. Bicket	2			
Carol Koethen	$\frac{1}{2}$			
Write-In	$\overline{0}$			
Undervotes	1			
United States Senator				
Bob Ford	2			
Colby Lincoln	6			
Write-In	1			
Undervotes	i			
Chack totals				
Representative in Congress 10	of h District			
Cheryl Simon	3			
Lois Koss	7			
Write-In	0			
Undervotes	0			
2 201 - 3103				
Governor				
Dean Lindsey	2			
Don Etter	2			
Joe Carlton				
	$\Delta$			
Edwin Lewis	4			
Edwin Lewis	1			
Samuel Lawton	1 1			
Samuel Lawton Write-In	1 1 0			
Samuel Lawton	1 1			

Lieutenant Governor	
Scott Montes	4
Saul Currier	2
Arnold Krill	4
Write-In	0
Undervotes	Ö
Undervotes	U
Representative in the General	Assembly 84rd District
Peter Valle	8
Write-In	1
Undervotes	1
Danidantial Naminatian Dalas	
Presidential Nomination Deleg	
Gloria Dillion	3
Heather Heidelbaugh	3
Herbert Devine	3
George A. Fisk	4
Doris Shiddles	1
Andre Ninia	3
Brian Getz	3
Chad Snow	4
Diane Rubin	1
Elizabeth Piazza	1
Write-In	1
Undervotes	3
Judge of the Superior Court	
Richard Maxian	2
	3
Marjorie Hall	2
Robert L. Linkey	5
Write-In	0
Undervotes	0
Judge of the Commonwealth (	Court
Chair Component	
Chris Carpenter	7
Write-In	1
Undervotes	2
T 1 64 G 4 6G	DI CONTRACTOR CONTRACT
Judge of the Court of Commo	
Mary L. Daniel	7
John Roy	2
Jack "Duke" Brodisky	6
Jon Young	1
Vic Stabile	1
Write-In	1
Undervotes	2
Cildervotes	4
County Chief Executive	
Norman Powers	6
Sandra Reilly	4
Write-In	$\stackrel{ au}{0}$
Undervotes	0
School Director Region 6	
Gerald Danson	5
Geraid Dalison	5
Greg Ortiz	4
Shlomo Archibald	8
Delores DeVan	
	3
Write-In	3 0
	3
Write-In	3 0
Write-In Undervotes	3 0
Write-In Undervotes Commissioner Seat 3	3 0 0
Write-In Undervotes Commissioner Seat 3 William Malicki	3 0 0
Write-In Undervotes Commissioner Seat 3 William Malicki Gary Klemann	3 0 0 8 2
Write-In Undervotes Commissioner Seat 3 William Malicki Gary Klemann	3 0 0 8 2
Write-In Undervotes Commissioner Seat 3 William Malicki Gary Klemann Write-In	3 0 0 8 2 0
Write-In Undervotes Commissioner Seat 3 William Malicki Gary Klemann	3 0 0 8 2
Write-In Undervotes Commissioner Seat 3 William Malicki Gary Klemann Write-In	3 0 0 8 2 0
Write-In Undervotes Commissioner Seat 3 William Malicki Gary Klemann Write-In	3 0 0 8 2 0

Referendum A	
Yes	6
No	4
Undervote	Ö
Chaervote	o a constant of the constant o
Precinct 3 DEM	
President of the United Sta	
Barry Josey	3
Calvin Marino	6
Write-In	1
Undervotes	$\overline{0}$
United States Senator	
Oscar Draper	6
Cartan Ma Carr	
Carter McGaw	4
Write-In	0
Undervotes	0
Representative in Congres	10th District
William Sullivan	9
Write-In	$\stackrel{\circ}{0}$
Undervotes	
Ondervotes	1
Governor	
Charles Jasen	5
Shirley Henning	3
Write-In	1
Undervotes	1
Officer votes	1
Lieutenant Governor	
Sherman R. Bucher	4
	4
Richard V. Suits	1
Tabathia Song	1
Kenneth Interlicchio	4
Write-In	0
Undervotes	0
Onder votes	
Representative in the Gene	ral Assembly 84rd District
Neil Carey	7
Saul Currier	3
Write-In	0
Undervotes	0
Presidential Nomination D	elegation
Vincent Seymour	3
Toni Hamilton	5
	2
Sam Patel	3
Robert Rocco	5
Renee Cohn Jubelrier	5
Morton Steele	4
Mary Burke	2
Nyda E. Hambin	1
Write-In	
	5
Undervotes	7
Judge of the Superior Cou	
Linda Gapp	3
Patricia Smallmon	7
Write-In	$\stackrel{'}{0}$
Undervotes	
Judge of the Commonweal	
Eugene Ruff	6
Lewis Tese	4
Write-In	0
Undervotes	0

Judge of the Court of Commo	on Pleas
Joanne Shollzert	6
Kerry Jones	5
Steven Miller	4
	4
Shirley Henning	2
Write-In	2
Undervotes	1
County Chief Executive	
County Chief Executive	
Micheal Santarcangelo	7
Charles Place	2
Write-In	1
Undervotes	0
Chack votes	·
School Director Region 6	
Douglas Stone	3
Gerald Danson	6
Greg Ortiz	3
Shlomo Archibald	6
Delores DeVan	2
Write-In	0
Undervotes	0
Commissioner Seat 3	
Arnold Wells	9
Write-In	1
Undervotes	0
Referendum A	
Yes	5
No	5
Undervote	0
Precinct 3 Non Partisan	
Precinct 3 Non Partisan	
Referendum A	
Referendum A Yes	2
Referendum A	2 2
Referendum A Yes	2 2 2 1
Referendum A Yes No	2
Referendum A Yes No Undervote	2 1
Referendum A Yes No	2 1
Referendum A Yes No Undervote  Cumulative Totals RI	2 1 EP:
Referendum A Yes No Undervote	2 1 EP:
Referendum A Yes No Undervote  Cumulative Totals RI President of the United States	2 1 EP:
Referendum A Yes No Undervote  Cumulative Totals RI President of the United States James Collins	2 1 EP:
Referendum A Yes No Undervote  Cumulative Totals RI President of the United States James Collins Alexander P. Bicket	2 1 EP: 5 15 6
Referendum A Yes No Undervote  Cumulative Totals RI President of the United States James Collins Alexander P. Bicket Carol Koethen	2 1 EP: 3 15 6 6
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In	2 1 EP: 3 15 6 6 6 2
Referendum A Yes No Undervote  Cumulative Totals RI President of the United States James Collins Alexander P. Bicket Carol Koethen	2 1 EP: 3 15 6 6
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In	2 1 EP: 3 15 6 6 6 2
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote	2 1 EP: 3 15 6 6 6 2
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator	2 1 EP: 3 15 6 6 6 2 1
Referendum A Yes No Undervote  Cumulative Totals RI President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford	2 1 EP: 3 15 6 6 2 1
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln	EP:  5  6  6  6  2  1  8  18
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In	EP:  8 15 6 6 2 1 1 8 18 3
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln	EP:  5  6  6  6  2  1  8  18
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In	EP:  8 15 6 6 2 1 1 8 18 3
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote	EP:  S 15 6 6 6 2 1 1 8 18 3 1 1
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 55	EP:  5 15 6 6 6 2 1 1 8 18 3 1 1 th District
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker	EP:  5
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In	EP:  3
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker	EP:  5
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In	EP:  3
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In Undervote	EP:  8
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In Undervote  Representative in Congress 56 Representative in Congress 56 Representative in Congress 56 Representative in Congress 56 Representative in Congress 56 Representative in Congress 56	EP:  S
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In Undervote  Representative in Congress 16 Cheryl Simon	EP:  5 15 6 6 6 2 1 1 8 18 3 1 th District 14 3 3 3
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In Undervote  Representative in Congress 16 Cheryl Simon Lois Koss	EP:  3
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In Undervote  Representative in Congress 56 Cheryl Simon Lois Koss Write-In	EP:  5 15 6 6 6 2 1  8 18 3 1 th District 14 3 3 7 0
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In Undervote  Representative in Congress 16 Cheryl Simon Lois Koss	EP:  3
Referendum A Yes No Undervote  Cumulative Totals RI  President of the United States James Collins Alexander P. Bicket Carol Koethen Write-In Undervote  United States Senator Bob Ford Colby Lincoln Write-In Undervote  Representative in Congress 56 Ben Baker Write-In Undervote  Representative in Congress 56 Cheryl Simon Lois Koss Write-In	EP:  5 15 6 6 6 2 1  8 18 3 1 th District 14 3 3 7 0

Governor	
Dean Lindsey	6
Don Etter	6
Joe Carlton	12
Edwin Lewis	3
Samuel Lawton	3
Write-In	0
Undervotes	0
Lieutenant Governor	
Scott Montes	8
Saul Currier	7
Arnold Krill	13
Write-In	2
Undervotes	0
Olidervotes	
Representative in the General	Assembly 83rd District
Harry Rider	13
Robert Tyrell	6
Write-In	1
Undervotes	0
Representative in the General	Assembly 84rd District
Peter Valle	
	8
Write-In	1
Undervotes	1
Presidential Nomination Deleg	ation
Gloria Dillion	16
Heather Heidelbaugh	9
Herbert Devine	15
George A. Fisk	7
Doris Shiddles	5
Andre Ninia	5
Brian Getz	8
Chad Snow	7
Diane Rubin	4
Elizabeth Piazza	4
Write-In	5
Undervotes	5
Judge of the Superior Court	
Richard Maxian	7
Marjorie Hall	6
Robert L. Linkey	15
Write-In	1
Undervotes	i
Officervotes	1
Judge of the Commonwealth C	
Chris Carpenter	25
Write-In	1
Undervotes	4
Chachvotes	
Judge of the Court of Common	
Mary L. Daniel	21
John Roy	7
Jack "Duke" Brodisky	19
Ion Vouna	
Jon Young	3
Vic Stabile	4
Write-In	2
Undervotes	4
County Children	
County Chief Executive	
Norman Powers	18
Sandra Reilly	12
Write-In	0
Undervotes	
Chaci voics	·

School Director Region 6	
Gerald Danson	16
Gerald Danson	
Greg Ortiz	13
Shlomo Archibald	20
Delores DeVan	7
Write-In	1
Undervotes	3
Olidervotes	
G G 1 PEP	
Commissioner Seat 1 REP	
Stephen Harrick	8
Write-In	1
Undervotes	1
Commissioner Seat 2 REP	
Steve West	8
Write-In	1
Undervotes	1
Commissioner Seat 3 REP	
William Malicki	8
Gary Klemann	2
Write-In	0
Undervotes	0
Referendum A REP	
Yes	18
No	9
Undervote	3
<b>Cumulative Totals DI</b>	EM.
Cumulative Totals Di	DIVI:
President of the United States	
Barry Josey	11
Calvin Marino	15
Write-In	3
Undervotes	1
United States Senator	
Oscar Draper	18
Carter McGaw	10
Write-In	2
Undervotes	0
Representative in Congress 5t	th District
Barbara Barret Hicks	13
Clinton Testo	5
Write-In	2
Undervotes	0
Representative in Congress 10	Oth District
William Sullivan	9
Write-In	$\stackrel{\checkmark}{0}$
Undervotes	1
Governor	
Charles Jasen	16
Shirley Henning	10
Write-In	3
Undervotes	1
Olidel votes	1
Lieutenant Governor	
Sherman R. Bucher	7
Richard V. Suits	3
Tabathia Song	5
Vannath Interdig	
Kenneth Interlicchio	14
Write-In	1
Undervotes	0

Representative in the General Assembly 83rd District			
R. J. Abbott	12		
Peter F. Saxton	6		
Write-In	1		
Undervotes			
Chacryotes	•		
Representative in the General	Assembly 84rd District		
Neil Carey	7		
Saul Currier	3		
Write-In	0		
Undervotes	0		
Chacryotes	· ·		
Presidential Nomination Deleg	eation		
Vincent Seymour	10		
Toni Hamilton	17		
Sam Patel	11		
Robert Rocco	17		
Renee Cohn Jubelrier	16		
Morton Steele	13		
Mary Burke	6		
Nyda E. Hambin	4		
Write-In	10		
Undervotes	16		
Chaci votes			
Judge of the Superior Court			
Linda Gapp	8		
Patricia Smallmon	21		
Write-In	1		
Undervotes	0		
Chactvoics	v		
Judge of the Commonwealth (	Court		
Eugene Ruff	19		
Lewis Tese	11		
Write-In	0		
Undervotes	$\stackrel{\circ}{0}$		
Olidervotes			
Judge of the Court of Commo	n Plaas		
Joanne Shollzert	21		
Kerry Jones	18		
Steven Miller	10		
Shirley Henning	6		
Write-In	3		
Undervotes	2		
Chactvoics			
<b>County Chief Executive</b>			
Micheal Santarcangelo	20		
Charles Place	9		
Write-In	1		
Undervotes	0		
School Director Region 6			
Douglas Stone	8		
Gerald Danson	19		
Greg Ortiz	9		
Shlomo Archibald	15		
Delores DeVan	6		
Write-In	1		
Undervotes	2		
Commissioner Seat 1 DEM			
George Fisk	10		
Write-In	0		
Undervotes	0		
Commissioner Seat 2 DEM			
Tetty Rogiers	9		
Write-In	0		
Undervotes	1		
1			

Commissioner Seat 3 DEM Arnold Wells Write-In Undervotes 0

Referendum A DEM

15 11 Yes No Undervote

# **Cumulative Totals Non Partisan:**

Referendum A

33 20 7 No Undervote

# **Election Definition: Pennsylvania Certification General Election**

## **General Election Description:**

A general election combining presidential year contests, non-presidential year contests, and municipal contests into a single election held in 3 precincts one of which is a split precinct on the "Representative in the General Assembly" contests. This election contains 21 contests compiled into 4 ballot styles (excluding language styles). 15 of the contests are in all ballot styles. The other 6 are split between at least 2 of the precincts with a maximum of 21 different contests spread across the 3 precincts. All voting variations supported by the Commonwealth of Pennsylvania are defined in this election. The voting variations are as follows:

- Partisan contest
- Non-Partisan contest
- N of M contest
- Referendum contest
- Retention Contest
- Straight Party voting
- Write-In voting
- Split Precinct
- Cross-Party Nominated

This general election was designed to functionally test the handling of multiple ballot styles across geographical subdivisions, support for English and Spanish languages, support for all Pennsylvania voting variations, and audio support for English and Spanish.

# **Configuration:**

# EMS computer loaded with software certified for use in Pennsylvania to create the following configuration:

Name: Pennsylvania Certification General Election Voting Devices: 1 machine for each precinct

**Precincts:** Precinct 1, Precinct 2 split into 2a and 2b, Precinct 3

Parties: Republican, Democratic, Green, Libertarian

Languages: English, Spanish

Totals Contests: 21 Contests as follows:

Precinct 1	Precinct 2a	Precinct 2b	Precinct 3			
	Straight Party					
Republican						
Democratic						
Green						
Libertarian						
	President/Vice President of the United States					
· ·	Vote for the Candidate of One Par		nt			
	or insert the nam	es of candidates				
James Collins						
Arthur Remus						
Altilui Nellius						

Republican Calvin Marino Keith Satterwhite Democratic John P. Defazio Louis Denn Green June Perkins David Heroux Libertarian Write-In **United States Senator** Vote for One Colby Lincoln Republican Oscar Draper Democratic Eric Sheely Libertarian Write-In Representative in Congress 10<sup>th</sup> District Representative in Congress 5<sup>th</sup> District Vote for One Vote for One Lois Koss Ben Baker Republican Republican Barbara Barrett Hicks William Sullivan Democratic Democratic Write-In Write-In Governor/Lieutenant Governor Vote for the Candidate of One Party for Governor and Lieutenant Governor Joe Carlton Arnold Krill Republican Charles Jasen Kenneth Interlicchio Democratic Robert Marsh Theodore Kopp Green Write-In Representative in the General Assembly 83<sup>rd</sup> District Representative in the General Assembly 84<sup>th</sup> District Vote for One Vote for One Harry Rider Peter Valle Republican Republican R. J. Abbott **Neil Carey** Democratic Democratic

Derek Carlson  Libertarian	Write-In		
Write-In			
ludge of the S	Superior Court		
Vote for	or One		
Robert L .Linkey			
Republican			
Patricia Smallmon			
Democratic			
Write-In			
	monwealth Court or One		
Chris Corportor			
Chris Carpenter Republican			
Eugene Ruff			
Democratic			
Write-In			
Judge of the Court	t <b>of Common Pleas</b> fore Than Two		
	iore man iwo		
Mary L. Daniel Republican			
Jack "Duke" Brodisky			
Republican			
Joanne Schollzert  Democratic			
Kerry Jones  Democratic			
Write-In			
Write-In			
County Chic	ef Executive		
Four Ye	ar Term or One		
	on One		
Norman Powers Republican			
Micheal Santarcangelo			
Democratic Write-In			
wille-iii			
County C	Controller		
Four Year Term			
Vote for One			
Paul M Bertel-Lincoln			

Republican Donna Berke Democratic Write-In **District Attorney** Four Year Term Vote for One Franklin Margo Republican **Donald Hensley** Democratic Write-In School Director Region 6 Four Year Term Vote for Not More Than Two Gerald Danson Republican/Democratic Shlomo Archibald Republican/Democratic Write-In Write-In Commissioner Commissioner Commissioner Seat 1 Seat 2 Seat 3 Four Year Term Four Year Term Four Year Term Vote for One Vote for One Vote for One William Malicki Stephen Harrick Steve West Republican Republican Republican George Fisk **Tetty Rogiers** Arnold Wells Democratic Democratic Democratic Write-In Write-In Write-In Statewide Referendum Water and Sewer Improvements Bond Referendum Do you favor the incurring of indebtedness by the Commonwealth of \$400,000,000 for grants and loans to municipalities and public utilities for the cost of all labor, materials, necessary operational machinery and equipment, lands, property, rights and easements, plans and specifications, surveys, estimates of costs and revenues, prefeasibility studies, engineering and legal services and all other expenses necessary or incident to the acquisition, construction, improvement, expansion, extension, repair or rehabilitation of all or part of the drinking water system, storm water, nonpoint source projects, nutrient credits and wastewater treatment system projects?

# Retention of Tony Grzanich

Shall Tony Grzanich be retained for an additional term as Justice of the Supreme Court of the Commonwealth of Pennsylvania?

Yes

Yes No

No				
Retention of Debbie Marks				
Shall Debbie Marks be retained	ed for an additional term as Justic	e of the Supreme Court of the Con	nmonwealth of Pennsylvania?	
Yes				
No				
Spanish				
Distrito electoral 1	Distrito electoral 2a Partid	Distrito electoral 2b o íntegro	Distrito electoral 3	
Republicano				
Demócrata				
Verde				
Libertario				
	Presidente/Vicepreside Vote para el candidato de un part	nte de los Estados Unidos tido para presidente y vicepresiden	ite	
	o inserte los nomb	res de los candidatos		
James Collins Arthur Remus				
Republicano				
Calvin Marino				
Keith Satterwhite  Demócrata				
John P. Defazio				
Louis Denn Verde				
June Perkins				
David Heroux				
Libertario				
Por escrito				
Senador de los Estados Unidos Vote por uno				
Colby Lincoln	Vote	F =		
Republicano				
Oscar Draper				
Demócrata				
Eric Sheely  Libertario				
Por escrito				
	Representante en el Congres	0	Representante en el	
	<b>5° Distrito</b> Vote por uno		Congreso 10.° Distrito	
Ben Baker	vote per une		Vote por uno	

Republicano			Lois Koss
Barbara Barret Hicks			Republicano
Demócrata			William Sullivan
			Demócrata
Por escrito			_
			Por escrito
	Gobernador/vi	ioogobornodor	
Vot	te para el candidato de un partido	o para gobernador y vicegobernad	or
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Joe Carlton			
Arnold Krill			
Republicano			
Charles Jasen			
Kenneth Interlicchio			
Demócrata			
Robert Marsh			
Theodore Kopp Verde			
verde			
Por escrito			
Representante en la	Acambias Canaral	Representante en la	Acambias Canaval
83.° D	istrito	84.° Di	
Vote p		Vote po	
Harry Rider		Peter Valle	
Republicano		Republicano	
R. J. Abbott		Neil Carey	
Demócrata		Demócrata	
Derek Carlson		Por escrito	
Libertario			
Por escrito			
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	Juez de la co	orte suprema	
	Vote p	or uno	
Robert L. Linkey			
Republicano			
D			
Patricia Smallmon  Demócrata			
Democrata			
Por escrito			
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	Vote p	rte del estado	
	νοιο ρ		
Chris Carpenter			
Republicano			
Furana Duff			
Eugene Ruff  Demócrata			
Bemoorala			
Por escrito			
	luoz do la corta da	primeras instancias	
		más de dos	

Mary L. Daniel Republicano Jack "Duke" Brodisky Republicano Joanne Schollzert Demócrata Kerry Jones Demócrata Por escrito Por escrito Jefe principal del condado Término de cuatro años Vote por uno Norman Powers Republicano Micheal Santarcangelo Demócrata Por escrito Contralor del condado Término de cuatro años Vote por uno Paul M Bertel-Lincoln Republicano Donna Berke Demócrata Por escrito Procurador del distrito Término de cuatro años Vote por uno Franklin Margo Republicano **Donald Hensley** Demócrata Por escrito Director de la escuela Región 6 Término de cuatro años No vote por más de dos Gerald Danson Republicano/Demócrata Shlomo Archibald Republicano/Demócrata Por escrito

Comisionado	Comisionado	Comisionado
Puesto 1	Puesto 2	Puesto 3
Término de cuatro años	Término de cuatro años	Término de cuatro años
Vote por uno	Vote por uno	Vote por uno
Stephen Harrick	Steve West	William Malicki
Republicano	Republicano	Republicano
George Fisk	Tetty Rogiers	Arnold Wells
Demócrata	Demócrata	Demócrata
Por escrito	Por escrito	Por escrito

#### Referendum a nivel estatal Referéndum de bono de mejoramientos de agua y drenaje

¿Está usted a favor de incurrir un endeudamiento por el Estado de \$400,000,000 por subvenciones y prestamos a municipalidades y servicios públicos por el cotos de toda la mano de obra, materiales, maquinaria operacional necesaria y equipo, tierras, propiedad, derechos y servidumbres, planos y especificación, encuestas, calculo de costos e ingresos, estudios de previabilidad, servicios de legales y de ingeniería y todos los gastos necesarios o incidente a la adquisición, construcción, mejora, expansión, extensión, reparación o rehabilitación de todo o parte del sistema de agua potable, agua pluviales, proyectos de recurso sin punto, créditos de nutrientes y proyectos de sistemas de tratamiento de aguas negras?

Sí

No

#### Retención de Tony Grzanich

¿Debe Tony Grzanich ser retenido por un término adicional como magistrado de la corte suprema del Estado de Pennsylvania?

Sí

No

#### Retención de Debbie Marks

¿Debe Debbie Marks ser retenida por un término adicional como magistrada de la corte suprema del Estado de Pennsylvania?

Sí

No

## **Voting Pattern:**

Ballots will be voted and cast with the following pattern. Ballots 10 and 18 will be input using the ADA audio capability. Ballots 5 and 10 in Precinct 1 and Ballot 10 in Precinct 3 will exercise the Pennsylvania Method for straight party.

The following test pattern will be input for the given precinct:

Precinct 1	В	В	В	В	В	В	В	В	В	В	В	В	В	В	В	В	В	В	В	В
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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Republican	Χ		Χ		Р	U	U		U		U	U	U	U		U	U	U	U	U
Democratic		Х		Χ						Р										
Green																				
Libertarian								Χ							Χ					
					Pres	ident	t/Vice	Pre	sider	t of th	ne Un	ited S	tates	i						
James Collins						Х			Χ		Χ	Χ					Χ			U
Arthur Remus																				

Calvin Marino						Х						Χ	Χ		Х		Χ		
Keith Satterwhite																			
John P. Defazio				<b>†</b>															
Louis Denn																			
June Perkins		_	+	+			Х							Х					
David Heroux							^							^					
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Oscar Draper				↓		Х			<u> </u>	Χ	Χ		Χ	Χ		Х	Х	Χ	
Eric Sheely							Χ												
Write-In								Χ											Χ
				R	epre	senta	ative	in Co	ongres	ss 5 <sup></sup>	Distr	ict							
Ben Baker					Χ	Χ					U		Χ	Χ		Χ		Χ	Χ
Barbara Barrett								Χ		Χ		Χ					Х		
Hicks																			
Write-In							Χ								Х				
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Derek Carlson			4	↓				Х	<u> </u>					Χ					
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Patricia Smallmon						Χ		Χ			Χ	Χ		Χ	Х		Χ	Χ	
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Chris Carpenter							Χ	Χ		Χ			Χ		Х				
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Kerry Jones		_	+	+-		^	X	Х				^	Х	X	X				
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Lincoln	Paul M Bertel-					Х	Х								Х	U	Χ		Х		U
Donald Hensels																					
Write-in								Х		Х			Χ	Х				Х		Х	
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Donald Hensley	Franklin Margo						Χ	Χ							Χ		Χ				
Write-In	Donald Hensley					Х			Х	Х			Χ	Χ				Х	Χ	Χ	Χ
Serial Danson																Х					
Shipmon Archibald						•	•	Sch	ool D	irect	or Re	gion	6		•						
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Write-In						Χ	Χ	Χ	Χ			X	X	U		X	U		Χ	Χ	Χ
Commissioner Seat 2										Χ								X	X		
Steve West	Write-In														X						
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Write-in						U		Χ		Х		Х	Х			Х		Х	Х		
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Precinct 2b	No					Х		Rete	ntion		ebbie	Mark	(S		^						
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1	No Yes							Rete	ntion	of D	ebbie	Mark	(S								
1	No Yes							Rete	ntion	of D	ebbie	Mark	(S								
Straight Party	Yes No							Rete	ntion	of D	ebbie	Mark	(S								
Republican	Yes No	X	X	U	X	Х	Х	Rete X	ntion X	of D	ebbie X	Mark	x X	Х	X	X	X	X	X	X	Х
Democratic   X	Yes No	X	X	U	X	Х	Х	Rete X	ntion X B 8	of D X	B 10	Mark X B 11	x X	Х	X	X	X	X	X	X	Х
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Libertarian	No Yes No Precinct 2b Republican	X B 1	X B 2	U B 3	X B 4	X B 5	X B 6	Rete X B 7	ntion X B 8 Str	of D X B 9	B 10	Mark X B 11	x X	Х	X B 14	X	X B 16	X	X   X   B   18	X B 19	X B 20
Septembrook   Septembrook	No Yes No Precinct 2b  Republican Democratic	X B 1	X B 2	U B 3	X B 4	X B 5	X B 6	Rete X B 7	ntion X B 8 Str	of D X B 9	B 10	Mark X B 11	S X B 12	Х	X B 14	X	X B 16	X	X   X   B   18	X B 19	X B 20
Sames Collins	Yes No  Precinct 2b  Republican Democratic Green	X B 1	X B 2	U B 3	X B 4	X B 5	X B 6	Rete X B 7	ntion X B 8 Str	of D X B 9	B 10	Mark X B 11	S X B 12	X B 13	X B 14	X	X B 16	X	X   X   B   18	X B 19	X B 20
Arthur Remus	Yes No  Precinct 2b  Republican Democratic Green	X B 1	X B 2	U B 3	В 4	Х В 5	Х В 6	Rete X B 7	B 8 Str	B 9 aight	B 10 Party	B 11	8 X B 12 X	Х В 13	X B 14	X	X B 16	X	X   X   B   18	X B 19	X B 20
Calvin Marino   Keith Satterwhite	No Yes No Precinct 2b  Republican Democratic Green Libertarian	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	8 X B 12 X	Х В 13	X B 14	X	X B 16	X	X   X   B   18	X B 19	X   X     B   20   U   U
Neith Satterwhite	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	8 X B 12 X	Х В 13	X B 14	X	X B 16	X	X   X   B   18	X B 19	X   X     B   20   U   U
John P. Defazio	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	8 X B 12 X	Х В 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
Louis Denn	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	8 X B 12 X	Х В 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
June Perkins   David Heroux   Write-In	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	B 12	Х В 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
David Heroux   Write-In   David Heroux   Write-In   David Heroux   United States Senator   United States Senator   Colby Lincoln   X X X X X X X X X X X X X X X X X X	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	B 12	Х В 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
Write-In         United States Senator           Colby Lincoln         X X X X X X X X X X X X X X X X X X X	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	B 12	B 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
Colby Lincoln	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	B 12	B 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
Colby Lincoln         X         <	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X B 7	B 8 Str U	B 9 aight	B 10 Party	B 11	B 12	B 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
Oscar Draper         X <t< td=""><td>No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux</td><td>X B 1</td><td>X B 2</td><td>U B 3</td><td>В 4</td><td>X B 5</td><td>X B 6</td><td>Rete X  B 7</td><td>B 8 8 Str U</td><td>B 9 aight</td><td>B 10 Party</td><td>B 111</td><td>B 12</td><td>B 13</td><td>X B 14</td><td>  X</td><td>  X</td><td>  X</td><td>  X</td><td>X B 19</td><td>  X   X     B   20   U   U    </td></t<>	No Yes No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux	X B 1	X B 2	U B 3	В 4	X B 5	X B 6	Rete X  B 7	B 8 8 Str U	B 9 aight	B 10 Party	B 111	B 12	B 13	X B 14	X	X	X	X	X B 19	X   X     B   20   U   U
Eric Sheely	No Yes No No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux Write-In	X B 1	X B 2	U B 3	В 4	B 5	B 6	Rete X  B 7	B 8 8 Str U	B 9 aight	B 10 Party	B 111	B 12 X	B 13	X	X	X	X	X	X	X
Write-In         Representative in Congress 5 <sup>th</sup> District           Ben Baker         X X X X X X X X X X X X X X X X X X X	No Yes No No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux Write-In  Colby Lincoln	X B 1	X B 2	U B 3	В 4	B 5	B 6	Rete X B 7	B 8 8 Str U	B 9 aight	B 10 Party	B 111	B 12 X	B 13	X	X	X	X	X X X X X	X	X
Representative in Congress 5th District	No Yes No No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux Write-In  Colby Lincoln Oscar Draper	X B 1	X B 2	U B 3	В 4	B 5	B 6	Rete X B 7	B 8 8 Str U	B 9 aight	B 10 Party	B 111	B 12 X	B 13 X X X X	X	X	X	X	X X X X X	X	X
Ben Baker         X	No Yes No No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux Write-In  Colby Lincoln Oscar Draper Eric Sheely	X B 1	X B 2	U B 3	В 4	B 5 5	B 6	Rete X  B 7  U  Ur  X	B 8 Str U	B 9 aight U	B 10 Party	B 11 // U hee Un X	B 12 X	B 13	X	X   X   X   X   X   X   X	X	X	X X X X X	X	X
Barbara Barrett Hicks X X X X X X X X X	No Yes No No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux Write-In  Colby Lincoln Oscar Draper Eric Sheely Write-In	X B 1	X B 2	U B 3	В 4	B 5 5	B 6	Rete X  B 7  U  Ur  X	B 8 Str U	B 9 aight U	B 10 Party	B 11 // U hee Un X	B 12 X	B 13	X	X   X   X   X   X   X   X	X	X	X X B 18 18 X	X	X
Hicks	No Yes No No Precinct 2b  Republican Democratic Green Libertarian  James Collins Arthur Remus Calvin Marino Keith Satterwhite John P. Defazio Louis Denn June Perkins David Heroux Write-In  Colby Lincoln Oscar Draper Eric Sheely Write-In	X B 1	X B 2	U B 3	В 4	B 5 5	B 6 C C C C C C C C C C C C C C C C C C	Rete X B 7 U U Vice	B 8 Str U	B 9 aight U State X	B 10 Party	B 11 // U hee Un X	B 12 X	B 13	X	X	X	X	X X B 18 18 X	X	X
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Charles Jasen   Kenneth   Interlicibio   Representative in the General Assembly 84** District   Peter Valle   National						X		Х		Х					Х				X	X	X
Manual		ऻ—	<del>                                     </del>	<del>                                     </del>			~		~			~					~				
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Robert Marsh   Threedore Kopp   Write-in   Representative in the General Assembly 84" District   Rep																					
Theodore Kopp				<del></del>									V			V		~			
Representative in the General Assembly 84"   District Attorney													^			^		^			
Representative in the General Assembly 84**   Strict	Write-In			-										Y							
Peter Valle	vviile-iii			<u>.                                    </u>	Ren	roso	ntati	ve in	the (	Gana	ral Δe	samh	alv 84		trict	l					
Neil Carey	Poter Valle		Γ	T	INCP			VC 111			lui As		Jiy U <del>4</del>	Di3	liiot	Y	Y	Y		Y	
Write-In			<b>-</b>	-				Y					Y	Y		^	^	^	Υ	^	Y
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Patricis Smallmon	Robert I. Linkey					X					рспе			Χ		Χ	X	X	Χ		
Write-In							X			X					X						X
Judge of the Commonwealth Court			<b>-</b>	<del>                                     </del>																X	
Chris Carpenter	WIIIC III					l	Jude	ge of	the (	Comr	nonw	alth	Court			l					
Eugen Ruff	Chris Carnenter			Π				J 0 0.					l				X	X	Ш		Χ
Write-in	Fugene Ruff		<b>-</b>	<del>                                     </del>				X					Χ		Χ				<u> </u>	X	
Mary L. Daniel						X										X					
Mary L. Daniel				Ь	1		Juda	e of t	he C	Ourt 4	of Cor	nmor	n Plea	s		<u> </u>	<u> </u>	1	I		1
Jack "Duke"	Mary I Daniel									Ju. 1	J. <b>J</b>		ca		U		X	Χ	Х		
Brodisky		<b>†</b>	<del>                                     </del>	<del>                                     </del>				<u> </u>		X		^	Х						<u> </u>	1	
Joanne Schollzert		l				^	^			^			^				^	^			
Michael			$\vdash$	<u> </u>				Х		Х									Х	Х	Х
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County Chief Executive			<b>-</b>	<del>                                     </del>												_					
Norman Powers	WIIIC III			<u></u>		<u> </u>	<u> </u>	Col	intv	Chief	Fxec	utive				<u> </u>		ı			
Micheal   Santarcangelo   Write-in   County Controller	Norman Powers			Π		X	X	<u> </u>				<u> </u>				Χ	X	Ш		Χ	Χ
Santarcangelo   Write-in			<b>-</b>	<del>                                     </del>				X				Χ		X	Χ						
Virie-in												,,		^`							
County Controller																			Χ		
Paul M Bertel-  Lincoln						l .		(	Coun	tv Co	ntrol	er	ı								
Lincoln	Paul M Bertel-					U							Х	Χ		Χ	Х		Х	Χ	Χ
District Attorney	Lincoln																				
District Attorney	Donna Berke						Х					Χ			Χ			Х			
Franklin Margo	Write-In																				
Donald Hensley						•	•		Distr	ict A	ttorne	y		•		•					
Donald Hensley	Franklin Margo														Χ			Х			
School Director Region 6   School Director Reg	Donald Hensley					Χ	Х	Χ	Х	Χ			Χ	Χ		Χ	Х		Χ	Χ	Χ
	Write-In																				
								Sch	ool D	irect	or Re	gion (	6								
Shlomo Archibald	Gerald Danson					Х			Χ			Х	Χ	U							Х
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Steve West																					
Tetty Rogiers				-	•		•	Co	mmi	ssio	ner Se	at 2	•	-			•				•
Tetty Rogiers	Steve West					Χ	Х		Х	Χ		Χ	Х	Χ		Χ	Х	Χ	Χ	Χ	
Write-in	Tetty Rogiers							Χ													Χ
Statewide Referendum	Write-in														Χ						
Yes         X		-	•	•	•		•	Sta	tewi	de Re	eferen	dum	•	•	•	•	•	•	•	•	•
No	Yes	Χ	Χ			Χ							Χ	Х	Χ						
Retention of Tony Grzanich   Yes	No			Χ	Х		Х		Х		Χ					Χ	Χ	Χ	Χ	Χ	Χ
Yes         X		-	•	•	•			Reter		of To		zanio	ch	•	•	•	•	•	•	•	•
No	Yes	Χ	Χ		Χ	Χ								Х		Χ	Χ	Χ		Χ	Χ
Precinct 3   B   B   B   B   B   B   B   B   B	No			Χ				Χ				Χ			Χ				Χ		
Yes         X         X         X         U         X		-	•	•	•		•	Rete	ntion	of D	ebbie		(S	•	•	•	•	•	•	•	•
No         X	Yes		Χ	Х	Х					_				Х	Χ		Χ	Χ		Χ	Х
Precinct 3		Х		T		Х	Ĺ	Х	Х			•				Х			Χ		
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Straight Party							В	D	B	B	B	D	D	D	D	R	B	B	В	D	R
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Democratic								Р										
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			Pres	iden	t/Vice	Pre	sider	nt of th	าe Un	ited S	tates	1						
James Collins			Χ			Х	Χ			Χ	Х		Х		Χ	Χ		Χ
Arthur Remus																		
Calvin Marino				Х					Х									
Keith Satterwhite																		
John P. Defazio												Х		Х				
Louis Denn																		
June Perkins					X												X	
David Heroux															-			
Write-In					11.	:4 a al	Ctata	- 6										
Callandia					Ur		State	s Ser		ı		- V	- V	V	ı	Lv	1	LV
Colby Lincoln			Х	Χ		Х	Х		Х	Х	Х	Х	Х	Х	Х	Х	1	Х
Oscar Draper		_	^		Х		^			^							V	
Eric Sheely Write-In		_			^												Х	
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William Sullivan	++		^	Х			^		^	Х	^				Х	Η -		<del>  ^</del>
Write-In				^					<b>-</b>	^	<b>-</b>	<b>-</b>	Х		^		1	
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Interlicchio																		
Robert Marsh												Х		Х				
Theodore Kopp																		
Write-In							Х				Х							
		Rep	rese	ntati	ve in	the (	Gene	ral As	semb	ly 84	rd Dis	trict						
Peter Valle			Χ		Х	Х	Χ		Χ		Х		Χ		U	Х		
Neil Carey				Χ						Χ		Χ		Χ			Χ	
Write-In																		Χ
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Robert L. Linkey			Χ	Χ		Χ			Χ	Χ		Χ		Χ	Χ	Χ		Χ
Patricia Smallmon					Χ		Χ						Χ				Χ	
Write-In											Χ							
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Chris Carpenter			1/			Х					V		Х	Х		X	\/	X
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Write-In  Mary L. Daniel			X	Judg	e of t	he C		of Coi			s		U	X	X	^	X	X
Write-In  Mary L. Daniel  Jack "Duke"			X	Judg	e of t			of Co			s	X	U			^		
Mary L. Daniel Jack "Duke" Brodisky			X	Judg X	e of t	he C	ourt	of Co	mmoi	n Plea	s	X	U	X	X		X	X
Mary L. Daniel Jack "Duke" Brodisky Joanne Schollzert			X	Judg	e of t	he C	ourt (	of Coi	mmoi		s		U	X	X	X	X	X
Mary L. Daniel Jack "Duke" Brodisky Joanne Schollzert Kerry Jones			X	Judg X	e of t	he C	ourt		mmoi	Y Plea	s X	X	U	X	X		X	X
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Mary L. Daniel Jack "Duke" Brodisky Joanne Schollzert Kerry Jones Write-In Write-In Norman Powers Micheal Santarcangelo Write-in  Paul M Bertel- Lincoln Donna Berke Write-In			XXXX	X X	Con X	x X X X X X X X X X X X X X X X X X X X	Ourt of the control o	P U Exec	X X X	X X	X X	X	U U	X	X	X	XXXX	XXX
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Mary L. Daniel Jack "Duke" Brodisky Joanne Schollzert Kerry Jones Write-In Write-In Norman Powers Micheal Santarcangelo Write-in  Paul M Bertel- Lincoln Donna Berke Write-In  Franklin Margo Donald Hensley			XXXX	X X	Con X	x X X X X X X X X X X X X X X X X X X X	Ourt of the control o	PUFExec	X X X	X X	X X X	X	U U	X	X	X	XXXX	XXX
Mary L. Daniel Jack "Duke" Brodisky Joanne Schollzert Kerry Jones Write-In Write-In Norman Powers Micheal Santarcangelo Write-in  Paul M Bertel- Lincoln Donna Berke Write-In Franklin Margo			XXX	X X	Cool	he C  X  X  unty  X  Distr	Ourt   X   X   X   X   X   X   X   X   X	P U i Exec	X X X X	X X X X	X X	X	X	X	X	X	XXXX	XXX
Mary L. Daniel Jack "Duke" Brodisky Joanne Schollzert Kerry Jones Write-In Write-In Norman Powers Micheal Santarcangelo Write-in  Paul M Bertel- Lincoln Donna Berke Write-In Franklin Margo Donald Hensley			XXX	X X	Cool	he C  X  X  unty  X  Distr	Ourt   X   X   X   X   X   X   X   X   X	PUFExec	X X X X	X X X X	X X X	X	X	X	X	X	XXXX	XXX

Shlomo Archibald					Χ	Χ	Χ	Х	Χ		Χ	Χ	Х	Χ	U	Χ		Χ	Χ	Χ
Write-In												Χ					Χ			
Write-In																				
							C	ommi	issio	ner Se	eat 3									
William Malicki						Χ	Χ	Χ				Χ	Χ		Χ		Χ	U	Χ	
Arnold Wells					Χ				Χ					Χ		Χ				Χ
Write-in											Χ									
							Sta	atewi	de R	eferer	dum									
Yes	Х				Х			Х		U		Χ			Х				U	Χ
No		Χ	Χ	Х		Х	Х		Х		Χ		Х	Χ		Х	Х	Χ		
							Reter	ntion	of To	ony G	rzani	ch								
Yes	Χ	Χ	Χ		Χ	Χ		Χ		Χ	Χ	Χ		Χ	Χ		Χ		Χ	Χ
No				Χ			Χ		Χ				Χ			Χ		Χ		
							Rete	ntion	of D	ebbie	Mark	(S								
Yes		Χ		Χ		Χ		Х		Χ	Χ	Χ	Х						Χ	Χ
No	Х	·	Х	·	Х		Х		Х	·				Χ	Х	Х	Х	Х		

# **Test Results:**

#### Precinct 1: Straight Party

Republican 3
Democratic 3
Green 0
Libertarian 2
Undervote 12

#### **President/Vice President of the United States**

8

0

James Collins
Arthur Remus
Calvin Marino
Keith Satterwhite
John P .Defazio
Louis Denn
June Perkins

June Perkins
David Heroux 2
Write-In 1
Undervote 1

#### **United States Senator**

Colby Lincoln 6
Oscar Draper 11
Eric Sheely 1
Write-In 2
Undervote 0

#### Representative in Congress District 5

Ben Baker 10
Barbara Barrett-Hicks 7
Write-In 2
Undervote 1

# Governor/Lieutenant Governor

Joe Carlton

Arnold Krill 12
Charles Jasen
Kenneth Interlicchio 7
Robert Marsh
Theodore Kopp 0
Write-In 1
Undervote 0

## Representative in the General Assembly District 83

Harry Rider 8 R.J. Abbott 7 Derek Carlson 2

Write-In			
Robert   Linkey   7	Write-In	3	
Robert L Linkey 7 Princia Smallmon 1 Write-In 1 Undervote 1  Indge of the Commonwealth Court Chris Carpenter 8 Princia Smallmon 1 Princia Smallmon	Undervote	0	
Robert L Linkey 7 Princia Smallmon 1 Write-In 1 Undervote 1  Indge of the Commonwealth Court Chris Carpenter 8 Princia Smallmon 1 Princia Smallmon			
Robert L Linkey 7 Princia Smallmon 1 Write-In 1 Undervote 1  Indge of the Commonwealth Court Chris Carpenter 8 Princia Smallmon 1 Princia Smallmon	Judge of Superior Court		
Partica Smallmom         1           Write-In         1           Undevote         1           Judge of the Commonwealth Court         8           Eugene Ruff         9           Write-In         3           Undervote         0           Judge of the Court of Common Pleas           Mary L. Daniel         11           Judge Pother Brudisky         10           Joanne Scholzert         9           Kerry jones         7           Write-In         2           Undervote         1           County Chief Executive           Norman Powers         8           Micheal Santareangelo         9           Write-In         2           Undervote         1           County Controller           Paul M. Beret-Lincoin         8           Write-In         2           Undervote         2           Undervote         0           Debriet Attorney         9           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6 <td>Robert I. Linkey</td> <td>7</td> <td></td>	Robert I. Linkey	7	
Write-In Undervorte         1           Judge of the Commonwealth Court           Chris Carpenter         8           Eagene Raff         9           Write-In         3           Undervorte         0           Judge of the Court of Common Pleas           Mary L. Dautel         11           Jack Dude Floridisty         10           Jeanne Schobzer         9           Vortes-In         2           Judicevoite         1           County Chief Executive         1           Write-In         2           Undervoite         2           Undervoite         1           County Controller         2           Paul M. Bertel-Lincoln         8           Darma Berke         8           Write-In         2           Undervoite         2           Paul M. Bertel-Lincoln         8           Dornal Hersley         8           Write-In         2           Undervoite         2           Dornal Hersley         8           Storiet Altorney         8           Franklin Margo         9           Dornal Hersley         8           Write-I	Patricia Smallmon		
Judge of the Commonwealth Court           Eagene Ruff         9           Write-In         3           Undervote         0           Judge of the Court of Common Pleas           Mary L. Daniel         11           Jack "Duke" Brodisky         10           Joanne Scholzert         9           Kerry jenne         7           Write-In         2           Undervote         1           County Chief Executive         Norman Powers           Norman Powers         8           Micheal Sanarcangelo         9           Write-In         2           Undervote         1           Courty Controller         2           Paul M. Bertel-Lincoln         8           Donnal Berke         8           Write-In         2           Undervote         2           Donald Hensley         8           Write-In         3           Undervote         0           Stollam Archithald         14           Write-In         1           Undervote         0           Stollam Archithald         14           Write-In         1           Underv			
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Eugen Ruff         9           Write-In         3           Undervote         0           Judge of the Court of Common Pleas           Mary I. Daniel         11           Jack "Buck" Brodisky         10           Joanne Scholzet         9           Kerry jones         7           Write-In         2           Undervote         1           County Chief Executive           Norman Powers         8           Micheal Santarcangelo         9           Write-In         2           Undervote         1           County Controller           Paul M. Bertel-Lincoln         8           Write-In         2           Undervote         2           District Attorney           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Stophen Harrick         13           Stophen Harrick         14           Write-In         1           Undervote         0	Chris Carpenter		
Write-In         3           Undervote         0           Judge of the Court of Common Pleas           Mary L. Daniel         11           Jack "Puke" Brodisky         10           Joanne Scholzert         9           Kerry jones         7           Write-In         2           Undervote         1           County Chief Executive           Norman Powers         8           Micheal Santarcangelo         9           Write-In         2           Lundervote         1           County Controller           Paul M. Bertel-Lincoln         8           Write-In         2           Undervote         2           District Attorney           Frankin Margo         9           Write-In         3           Undervote         0           School Director Region 6         1           Gerald Danson         15           Stollomo Archibald         14           Write-In         7           Undervote         0           Statewill Archibal           Write-In         1           Undervote         0	Eugene Buff		
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Mary L. Daniel         11           Jack "Duke" Brodisky         10           Joanne Scholzert         9           Kerry jones         7           Write-In         2           Undervote         1           County Chief Executive           Norman Bowers         8           Micheal Santarcangelo         9           Write-In         2           Undervote         1           County Controller           Paul M. Bertel-Lincoln         8           Bonna Berke         8           Write-In         2           Undervote         2           Undervote         9           Ponatel Hensley         8           Write-In         3           Undervote         9           School Director Region 6         6           Gerald Danson         15           Stloom Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         1           George Fisk         6           Write-In         1           Undervote         2	Undervote	0	
Mary L. Daniel         11           Jack "Duke" Brodisky         10           Joanne Scholzert         9           Kerry jones         7           Write-In         2           Undervote         1           County Chief Executive           Norman Bowers         8           Micheal Santarcangelo         9           Write-In         2           Undervote         1           County Controller           Paul M. Bertel-Lincoln         8           Bonna Berke         8           Write-In         2           Undervote         2           Undervote         9           Ponatel Hensley         8           Write-In         3           Undervote         9           School Director Region 6         9           Gerald Danson         15           Stloom Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         1           George Fisk         6           Write-In         1           Undervote         2			
Mary L. Daniel         11           Jack "Puke" Brodisky         10           Joanne Scholzert         7           Write-In         2           Undervore         1           County Chief Executive           Norman Powers         8           Micheal Santarcangelo         9           Write-In         2           Undervore         1           County Controller           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervore         2           Undervore         9           Donald Hensley         8           Write-In         3           Undervore         9           School Director Region 6         6           Gerald Danson         15           Stlomo Archibald         14           Write-In         7           Undervore         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         2           Retention of Tony Grzanich	Judge of the Court of Comm	non Pleas	
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Joane Scholzert	Jack "Duka" Prodicky		
Kerry jones         7           Write-In         2           Undervote         1           Norman Powers         8           Micheal Santarcangelo         9           Write-In         2           Undervote         1           County Controller         8           Paul M. Berel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         2           District Attorney           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         1           You         8           Und	Jack Duke Blouisky		
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County Chief Executive           Norman Powers         8           Micheal Santarcangelo         9           Write-In         2           Undervote         1           County Controller           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         2           District Attorney           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Sea 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         1           Referention of Tony Grzanich         Yes      <	Kerry jones		
County Chief Executive         8           Morman Powers         8           Micheal Santarcangelo         9           Write-In         2           County Controller         Paul M. Bertel-Lincoln           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6         6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1         S           Stephen Harrick         13           George Fisk         6           No         1           Undervote         0           Statewide Referendum         Yes           Yes         6           No         12           Undervote         1           Retention of Tony Grzanich         Yes           Yes         11           No         2           Undervote			
County Chief Executive         8           Morman Powers         8           Micheal Santarcangelo         9           Write-In         2           County Controller         Paul M. Bertel-Lincoln           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6         6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1         S           Stephen Harrick         13           George Fisk         6           No         1           Undervote         0           Statewide Referendum         Yes           Yes         6           No         12           Undervote         1           Retention of Tony Grzanich         Yes           Yes         11           No         2           Undervote		1	
Norman Powers         8           Micheal Stattarcangelo         9           Write-In         2           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         2           District Attorney         Franklin Margo           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         1           Retention of Tony Grzanich           Yes         11           No         2           Undervote         1			
Norman Powers         8           Micheal Stattarcangelo         9           Write-In         2           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         2           District Attorney         Franklin Margo           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         1           Retention of Tony Grzanich           Yes         11           No         2           Undervote         1	County Chief Evecutive		
Micheal Santarcangelo         9           Write-In         2           Donna Berkel-Lincoln         8           Donna Berkel         8           Write-In         2           Undervote         2           District Attorney         Franklin Margo           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6         6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1         Stephen Harrick           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         1           Retention of Tony Grzanich         Yes           Yes         11           No         8           Undervote         1           Retention of Debbie Marks<		9	
Write-In         2           County Controller         8           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         2           District Attorney           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich         Yes           Yes         11           No         7           Undervote         2	Norman Powers		
Write-In         2           County Controller         8           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         2           District Attorney           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich         Yes           Yes         11           No         7           Undervote         2	Micheal Santarcangelo	9	
Undervote         1           County Controller         8           Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           Undervote         2           District Attorney           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich         Yes           Yes         11           No         8           Undervote         1           Retention of Debbie Marks         Yes	Write-In	2	
County Controller	Undervote		
Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           District Attorney         Franklin Margo           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich         Yes           Yes         11           No         7           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2			
Paul M. Bertel-Lincoln         8           Donna Berke         8           Write-In         2           District Attorney         Franklin Margo           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich         Yes           Yes         11           No         7           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2	County Controller		
Donna Berke         8           Write-In         2           Undervote         2           District Attorney           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2	County Controller		
Write-In         2           Undervote         2           District Attorney         Franklin Margo           Franklin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2		8	
District Attorney   Franklin Margo   9	Donna Berke		
District Attorney   Franklin Margo   9	Write-In	2	
District Attorney   Franklin Margo   9   9   9   9   9   9   9   9   9	Undervote	2	
Frankin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	Chack vote	-	
Frankin Margo         9           Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	D:4 :4 A44		
Donald Hensley         8           Write-In         3           Undervote         0           School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	District Attorney		
Write-In         3           Undervote         0           School Director Region 6         15           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	Franklin Margo		
Write-In         3           Undervote         0           School Director Region 6         15           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	Donald Hensley	8	
Undervote         0           School Director Region 6	Write-In	3	
School Director Region 6           Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat I           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2			
Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	Chack vote	·	
Gerald Danson         15           Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	C.I. I.D		
Shlomo Archibald         14           Write-In         7           Undervote         4           Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2			
Write-In       7         Undervote       4         Commissioner Seat 1         Stephen Harrick       13         George Fisk       6         Write-In       1         Undervote       0         Statewide Referendum         Yes       6         No       12         Undervote       2         Retention of Tony Grzanich         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2			
Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich         Yes           No         8           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2			
Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich         Yes           No         8           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2	Write-In	7	
Commissioner Seat 1           Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2			
Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2			
Stephen Harrick         13           George Fisk         6           Write-In         1           Undervote         0           Statewide Referendum           Yes         6           No         12           Undervote         2           Retention of Tony Grzanich           Yes         11           No         8           Undervote         1           Retention of Debbie Marks           Yes         11           No         7           Undervote         2	Commissioner Sect 1		
George Fisk       6         Write-In       1         Undervote       0         Statewide Referendum         Yes       6         No       12         Undervote       2         Retention of Tony Grzanich         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2		10	
Write-In Undervote       1         Undervote       0         Statewide Referendum         Yes       6         No       12         Undervote       2         Retention of Tony Grzanich         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2	Stephen Harrick		
Write-In Undervote       1         Undervote       0         Statewide Referendum         Yes       6         No       12         Undervote       2         Retention of Tony Grzanich         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2	George Fisk	6	
Undervote         Statewide Referendum         Yes       6         No       12         Undervote       2         Retention of Tony Grzanich         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2	Write-In	1	
Statewide Referendum         Yes       6         No       12         Undervote       2         Retention of Tony Grzanich       Yes         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2			
Yes       6         No       12         Undervote       2         Retention of Tony Grzanich         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2	2.1.201.010	·	
Yes       6         No       12         Undervote       2         Retention of Tony Grzanich         Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2	Statemide D-f		
No       12         Undervote       2         Retention of Tony Grzanich       Yes         Yes       11         No       8         Undervote       1         Retention of Debbie Marks       Yes         Yes       11         No       7         Undervote       2			
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Retention of Tony Grzanich         Yes         11           No         8           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2			
Retention of Tony Grzanich         Yes         11           No         8           Undervote         1           Retention of Debbie Marks         Yes           Yes         11           No         7           Undervote         2	Undervote	2	
Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2			
Yes       11         No       8         Undervote       1         Retention of Debbie Marks         Yes       11         No       7         Undervote       2	Retention of Tony Crzenick		
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Ct. 11/D	
Straight Party	
Republican	4
Democratic	1
Green	0
Libertarian	2
Undervote	13
President/Vice President of th	e United States
James Collins	
Arthur Remus	13
Calvin Marino	
Keith Satterwhite	4
John P. Defazio	7
Louis Denn	0
June Perkins	
David Heroux	2
Write-In	1
Undervote	0
United States Senator	
Colby Lincoln	12
Oscar Draper	5
Eric Sheely	2
Write-In	1
Undervote	0
Chaer vote	·
Representative in Congress D	istrict 5
Ben Baker	13
Barbara Barrett-Hicks	5
	1
Write-In	
Undervote	1
G 771	
Governor/Lieutenant Governo	or
Joe Carlton	
Arnold Krill	13
Charles Jasen	
Kenneth Interlicchio	5
Robert Marsh	
Theodore Kopp	0
Write-In	1
Undervote	1
Representative in the General	Assembly District 83
Harry Rider	11
R.J. Abbott	7
Derek Carlson	2
Write-In	0
Undervote	0
Ulidervote	U .
Index of Committee Co.	
Judge of Superior Court	10
Robert L .Linkey	12
Patricia Smallmon	6
Write-In	
Undervote	1
Judge of the Commonwealth	Court
Chris Carpenter	13
Eugene Ruff	5
Write-In	1
Undervote	1
Judge of the Court of Commo	n Pleas
Mary L. Daniel	13
Jack "Duke" Brodisky	9
Joanne Scholzert	7
Kerry jones	6
Write-In	4
Undervote	1
Chidel voic	•
County Chief Evecutive	
County Chief Executive	

N D	12
Norman Powers	13
Micheal Santarcangelo	5
Write-In	1
Undervote	1
County Controller	
Paul M. Bertel-Lincoln	11
Donna Berke	7
Write-In	0
Undervote	2
District Attorney	
Franklin Margo	9
Donald Hensley	10
Write-In	1
Undervote	0
Chacivote	· ·
Sahaal Director Bosion 6	
School Director Region 6	15
Gerald Danson	17
Shlomo Archibald	15
Write-In	5
Undervote	3
Commissioner Seat 2	
Steve West	11
Tetty Rogiers	6
Write-In	1
	2
Undervote	4
Statewide Referendum	
Yes	6
No	12
Undervote	2
Retention of Tony Grzanich	
Yes	15
No	
	3
Undervote	2
Retention of Debbie Marks	
Yes	15
No	4
Undervote	1
Precinct 2b:	
Straight Party	
Republican	1
Democratic	4
Green	3
Libertarian	1
Undervote	11
President/Vice President of the	e United States
James Collins	
Arthur Remus	10
Calvin Marino	
Keith Satterwhite	7
John P. Defazio	
Louis Denn	2
June Perkins	
David Heroux	
Write-In	0
Undervote	0
** ** * * * *	
United States Senator	
Colby Lincoln	11
Oscar Draper	6
Eric Sheely	1

Bacterior in Congress District 5   8	Write-In	1	
Ben Baker         8           Barbara BartetHicks         10           Write- In         1           Undervote         1           Governor/Lieutenant Governor/Lieutenant Governor/Lieutenant Bartericchio         8           Lordina Salsan         8           Konneh Interliechio         8           Konneh Interliechio         8           Koneh Marsh         1           Undervote         0           Representative in the General Assembly District 84           Peere Valle         1           Write-In         1           Undervote         0           Representative in the General Assembly District 84           Peere Valle         1           Undervote         0           Under Color         0           Under Color         0           Under Order         1           Undervote         0           Judge of the Commonwealth Court           Chris Capenter         9           Lagene Kurl         8           Write- In         2           Judge of the Court of Commonwealth         9           Rorry Jones         8           Write- In         2           Jude View B	Undervote		
Ben Baker         8           Barbara BartetHicks         10           Write- In         1           Undervote         1           Governor/Lieutenant Governor/Lieutenant Governor/Lieutenant Bartericchio         8           Lordina Salsan         8           Konneh Interliechio         8           Konneh Interliechio         8           Koneh Marsh         1           Undervote         0           Representative in the General Assembly District 84           Peere Valle         1           Write-In         1           Undervote         0           Representative in the General Assembly District 84           Peere Valle         1           Undervote         0           Under Color         0           Under Color         0           Under Order         1           Undervote         0           Judge of the Commonwealth Court           Chris Capenter         9           Lagene Kurl         8           Write- In         2           Judge of the Court of Commonwealth         9           Rorry Jones         8           Write- In         2           Jude View B			
Barban Barrett-Hicks         10           Write-In         1           Lundervoir         1           Governor/Leutenant Governor/Le	Representative in Congress	5 District 5	
Wite-In   1   1   1   1   1   1   1   1   1			
Undervote			
Sovernor/Lieutenant Governor   Joe Carlon   Joe Carlon   Amold Krill   8   8   8   8   8   8   8   8   8			
Joc Carlon Amold Krill 8 Charles Jasen Kemeth Interficence 8 Robert March Theodore Kopp 3 Write-In 1 Undervote 0 Representative in the General Assembly District 84 Peter Valle 10 Representative in the General Assembly District 84 Peter Valle 10 Visite In 1 Undervote 0	Undervote	1	
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Amolk Kill 8 Cenarles Jasen Kenneth Interlicchio 8 Robert Marsh Theodore Kopp 3 Write-In 1 Undervote 0  Representative in the General Assembly District 84 Peter Valle 10 Neil Carey 9 Write-In 1 Undervote 0  Judge of Superior Court Robert I. Linkey 11 Varier Smallmon 8 Write-In 1 Undervote 0  Judge of the Commonwealth Court Chris Carpenter 9 Eugene Ruff 8 Write-In 2 Undervote 1  Judge of the Commonwealth Court Chris Carpenter 9 Eugene Ruff 8 Write-In 2 Undervote 1  Judge of the Court of Commonwealth Court Chris Carpenter 9 Eugene Ruff 8 Write-In 2 Undervote 1  Judge of the Court of Commonwealth Court Chris Carpenter 9 Eugene Ruff 8 Write-In 2 Undervote 1  Judge of the Court of Commonwealth Court Commonwealth		rnor	
Charles Jasen   Remeth Interficchio   8   Robert Maris   Theodore Kopp   3   Write-In   1   Undervote   0   Representative in the General   Assembly District \$4   Peter Valle   10   Netil Carey   9   Write-In   1   Undervote   0   Under			
		8	
Robert Marsh         1           Theeodore Kopp         3           Write-In         1           Undervote         0           Representative in the General Assembly District 84           Peter Valle         10           Netil Carey         9           Write-In         1           Undervote         0           Judge of Superior Court         1           Robert L. Linkey         11           Particia Smallmon         8           Write-In         1           Undervote         0           Judge of the Commonwealth Court           Chris Capenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Common         Pless           Mary L. Daniel         9           Mary L. Daniel         9           Mary L. Daniel         9           Judes Cholzett         9           Write-In         4           Judies Cholzett         3           County Chief Executiv         3           Vinite-In         1           Undervote         1           Undervo		0	
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Write-In         1           Undervote         0           Representative in the General Assembly District 84           Peter Valle         10           Neil Carey         9           Write-In         1           Undervote         0           Jingge of Superior Court         1           Robert L Linkey         11           Particia Smallmon         8           Write-In         1           Undervote         0           Judge of the Commonwealth Court         Chris Capenter           9         1           Bagene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Commonwealth         9           Jack "Dock" Brodisky         7           Joanne Scholzert         9           Jack "Dock" Brodisky         7           Joanne Scholzert         9           Kerry Jones         8           Write-In         4           Undervote         3           County Chrief Executive           Norman Powers         10           Write-In         1           Undervote         1      <		3	
Undervote   0  Representative in the General Assembly District 84  Peter Vaille   10  Neil Carey   9  Write-In   1  Undervote   0  Judge of Superior Court Robert L Linkey   11  Particia Smallmon   8  Write-In   1  Undervote   0  Judge of the Commonwealth Court Chris Carpenter   9  Eugene Ruff   8  Write-In   2  Undervote   1  Judge of the Court of Commonwealth   8  Write-In   2  Undervote   1  Judge of the Court of Commonwealth   8  Write-In   2  Undervote   1  Judge of the Court of Commonwealth   8  Write-In   2  Undervote   3  Courty Christ Executive Norman Powers   10  Micheal Snaturangelo   8  Write-In   1  Undervote   1  County Controller  Paul M. Bertel-Lincoln   11  Donna Berke   8  Write-In   0  Undervote   1  County Controller  Paul M. Bertel-Lincoln   11  Donna Berke   8  Write-In   0  Undervote   1  Shioma Archibald   18  Write-In   0  Undervote   0  School Director Region 6  Ferald Danson   17  Shlomo Archibald   18  Write-In   2  Undervote   2  Undervote   3			
Representative in the General   Assembly District 84   Peter Valle   0   Neil Carey   9   Write-In   1   Undervore   0   Undervore   1   Undervore   1   Undervore   1   Undervore   0   Undervore   1   Und			
Peter Valle         10           Neil Carey         9           Write-In         1           Undervote         0           Judge of Superior Court         Forest L Linkey           Robert L Linkey         11           Particia Smallmon         8           Write-In         1           Undervote         0           Judge of the Commonwealth Court           Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Common Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry Jonaie         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         1           Donna Berke         8           Write-In	Cildervote	U .	
Peter Valle         10           Neil Carey         9           Write-In         1           Undervote         0           Judge of Superior Court         Forest L Linkey           Robert L Linkey         11           Particia Smallmon         8           Write-In         1           Undervote         0           Judge of the Commonwealth Court           Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Common Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry Jonaie         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         1           Donna Berke         8           Write-In	Representative in the Gene	ral Assembly District 84	
Neit Carey         9           Write-In         1           Undervote         0           Juge of Superior Court         8           Robert L Linkey         1           Patricia Smallmon         8           Write-In         1           Undervote         0           Juge of the Commonwealth Court           Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Commonwealth         9           Mary L Daniel         9           Mary L Daniel         9           Mary L Daniel         9           Mary L Daniel         9           Kerry Jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           Puul M Bertel-Lincoln         1           Undervote         1           Pul M Bertel-Lincoln         1           Undervote         8			
Write-In         1           Undervote         0           Judge of Superior Court         Robert L. Linkey           Robert L. Linkey         11           Patricia Smallmon         8           Write-In         1           Undervote         0           Judge of the Commonwealth Court           Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Common Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholezt         9           Kerry Jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         1           Donna Berke         8           Write-In         0           Undervote         0           Undervote			
Undervote         0           Judge of Superior Court         Robert L Linkey         11           Patricia Smallmon         8           Write-In         1         Undervote         0           Judge of the Commonwealth Court         Chris Carpenter         9         Eugene Ruff         8         Eugene Ruff         8         Write-In         2         Undervote         1         Judge of the Court of Common Pleas         Mary L. Daniel         9         Jude Pothec' Brotisky         7         Jude Pothec' Brotisky         7         Jude Pothec' Brotisky         7         Jude Pothec' Brotisky         9         Rery jones         8         Write-In         4         Undervote         9         Rery jones         8         Write-In         4         Undervote         1         Index Pothec' Brotisky         9         Rery jones         8         Rery jones         1         Index pothecy jones         9         Rery jones         8         Rery jones         1         Index pothecy jones         8         Rery jones         1         Index pothecy jones         8         Rery jones         1         Index pothecy jones         8         Rery jones			
	Undervote		
Robert L Linkey 11 Patricia Smallmon 8 Write-In 2 Undervote 0  Vounty Chief Executive Norman Powers 10 Undervote 1  Vounty Chief Executive 1  Norman Powers 10 Undervote 1  Vounty Chief Executive 1  Norman Powers 10 Undervote 1  Vounty Controller Paul M. Bertel-Lincoln 1 Donna Berke 8 Write-In 0 Undervote 1  Vounty Controller Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 0 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 0 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 2 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 2 Undervote 3			
Robert L Linkey 11 Patricia Smallmon 8 Write-In 2 Undervote 0  Vounty Chief Executive Norman Powers 10 Undervote 1  Vounty Chief Executive 1  Norman Powers 10 Undervote 1  Vounty Chief Executive 1  Norman Powers 10 Undervote 1  Vounty Controller Paul M. Bertel-Lincoln 1 Donna Berke 8 Write-In 0 Undervote 1  Vounty Controller Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 0 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 0 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 2 Undervote 0  Vounty Chief Executive 17  Shomo Archibalt 18 Write-In 2 Undervote 3	Judge of Superior Court		
Write-In Undervote         1           Undervote         0           Judge of the Commonwealth Court           Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Common Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         1           Donna Berke         8           Write-In         0           Undervote         1           District Attorney         Franklin Margo           Franklin Margo         4           Donald Hensley         6           Write-In         0           Undervote         0           School Director Region 6 <t< td=""><td>Robert L. Linkey</td><td>11</td><td></td></t<>	Robert L. Linkey	11	
Undervote         0           Judge of the Commonwealth Court           Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Judge of the Court of Common Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6         6           Gerald Danson         17<	Patricia Smallmon	8	
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Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry Jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Chirele.           Paul M. Bertel-Lincoln         1           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6         6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	Undervote	0	
Chris Carpenter         9           Eugene Ruff         8           Write-In         2           Undervote         1           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry Jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Chirele.           Paul M. Bertel-Lincoln         1           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6         6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3			
Eugene Ruff         8           Write-In         2           Judge of the Court of Common         Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	Judge of the Commonweal		
Write-In         2           Judge of the Court of Common Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3			
Undervote         I Judge of the Court of Common Pleas           Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3			
Mary L. Daniel 9 Jack "Duke" Brodisky 7 Joanne Scholzert 9 Kerry jones 8 Write-In 4 Undervote 3  County Chief Executive Norman Powers 10 Micheal Santarcangelo 8 Write-In 1 Undervote 1  County Controller Paul M. Bertel-Lincoln 11 Donna Berke 8 Write-In 0 Undervote 1  District Attorney Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 0 Undervote 1  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 12  Undervote 15			
Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6         6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	Undervote	1	
Mary L. Daniel         9           Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6         6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	T. J	DL.	
Jack "Duke" Brodisky         7           Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6         6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3			
Joanne Scholzert         9           Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	Mary L. Damei		
Kerry jones         8           Write-In         4           Undervote         3           County Chief Executive           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3			
Write-In       4         Undervote       3         County Chief Executive         Norman Powers       10         Micheal Santarcangelo       8         Write-In       1         Undervote       1         County Controller         Paul M. Bertel-Lincoln       11         Donna Berke       8         Write-In       0         Undervote       1         District Attorney         Franklin Margo       4         Donald Hensley       16         Write-In       0         Undervote       0         School Director Region 6         Gerald Danson       17         Shlomo Archibald       18         Write-In       2         Undervote       3			
Undervote 3  County Chief Executive Norman Powers 10 Micheal Santarcangelo 8 Write-In 1 Undervote 1  County Controller Paul M. Bertel-Lincoln 11 Donna Berke 8 Write-In 0 Undervote 1  District Attorney Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  School Director Region 6  Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3  Undervote 3			
County Chief Executive         10           Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3			
Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	Chacivote	3	
Norman Powers         10           Micheal Santarcangelo         8           Write-In         1           Undervote         1           County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	County Chief Executive		
Write-In       1         Undervote       1         County Controller         Paul M. Bertel-Lincoln       11         Donna Berke       8         Write-In       0         Undervote       1         District Attorney         Franklin Margo       4         Donald Hensley       16         Write-In       0         Undervote       0         School Director Region 6         Gerald Danson       17         Shlomo Archibald       18         Write-In       2         Undervote       3	Norman Powers	10	
County Controller         Paul M. Bertel-Lincoln       11         Donna Berke       8         Write-In       0         Undervote       1         District Attorney         Franklin Margo       4         Donald Hensley       16         Write-In       0         Undervote       0         School Director Region 6         Gerald Danson       17         Shlomo Archibald       18         Write-In       2         Undervote       3	Micheal Santarcangelo	8	
County Controller           Paul M. Bertel-Lincoln         11           Donna Berke         8           Write-In         0           Undervote         1           District Attorney           Franklin Margo         4           Donald Hensley         16           Write-In         0           Undervote         0           School Director Region 6           Gerald Danson         17           Shlomo Archibald         18           Write-In         2           Undervote         3	Write-In	1	
Paul M. Bertel-Lincoln       11         Donna Berke       8         Write-In       0         Undervote       1         District Attorney         Franklin Margo       4         Donald Hensley       16         Write-In       0         Undervote       0         School Director Region 6         Gerald Danson       17         Shlomo Archibald       18         Write-In       2         Undervote       3	Undervote	1	
Paul M. Bertel-Lincoln       11         Donna Berke       8         Write-In       0         Undervote       1         District Attorney         Franklin Margo       4         Donald Hensley       16         Write-In       0         Undervote       0         School Director Region 6         Gerald Danson       17         Shlomo Archibald       18         Write-In       2         Undervote       3			
Donna Berke 8 Write-In 0 Undervote 1  District Attorney Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3			
Write-In 0 Undervote 1  District Attorney Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3			
Undervote 1  District Attorney Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3			
District Attorney Franklin Margo 4 Donald Hensley 16 Write-In 0 Undervote 0  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3			
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Donald Hensley 16 Write-In 0 Undervote 0  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3		4	
Write-In 0 Undervote 0  School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3			
Undervote 0  School Director Region 6  Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3			
School Director Region 6 Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3	Undervote		
Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3			
Gerald Danson 17 Shlomo Archibald 18 Write-In 2 Undervote 3	School Director Region 6		
Write-In 2 Undervote 3	Gerald Danson	17	
Undervote 3	Shlomo Archibald	18	
Commissioner Seat 2	Undervote	3	
Commissioner Seat 2			
	Commissioner Seat 2		

Steve West	13
Tetty Rogiers	6
Write-In	1
Undervote	0
Statewide Referendum	
Yes	9
No	11
Undervote	0
onder vote	·
Retention of Tony Grzan	sich
	14
Yes	
No	5
Undervote	1
Retention of Debbie Mar	
Yes	13
No	6
Undervote	1
_	
Precinct 3:	
Straight Party	
Republican	4
Democratic	1
Green	2
Libertarian	2
Undervote	11
Onder vote	11
President/Vice President	of the United States
James Collins	
Arthur Remus	13
Calvin Marino	15
Keith Satterwhite	3
	3
John P. Defazio	
Louis Denn	2
June Perkins	
David Heroux	2
Write-In	0
Undervote	0
<b>United States Senator</b>	
Colby Lincoln	13
Oscar Draper	5
Cocai Diapei	
Eric Sheely	2
Write-In	0
Undervote	0
Representative in Congr	ace District 10
Lois Koss	
	14
William Sullivan	4
Write-In	1
Undervote	1
O	
Governor/Lieutenant Go	vernor
Joe Carlton	
Arnold Krill	11
Charles Jasen	
Kenneth Interlicchio	5
Robert Marsh	
Theodore Kopp	2
Write-In	2
Undervote	$\stackrel{2}{0}$
	neral Assembly District 84
Peter Valle	12
Neil Carey	6
Write-In	1
Undervote	1

Judge of Superior Court	
Robert L. Linkey	14
Patricia Smallmon	5
Write-In	1
Undervote	0
Judge of the Commonwealth	Court
Chris Carpenter	13
Eugene Ruff	6
Eugene Kun	
Write-In	1
Undervote	0
Judge of the Court of Commo	n Pleas
Mary L. Daniel	9
Mary L. Daniel	
Jack "Duke" Brodisky	14
Joanne Scholzert	6
Kerry jones	4
Write-In	3
Undervote	4
Officervote	4
County Chief Executive	
Norman Powers	13
Micheal Santarcangelo	7
Write-In	0
Undervote	0
County Controller	
Paul M. Bertel-Lincoln	12
Donna Berke	5
Write-In	1
Undervote	2
District Attorney	
Franklin Margo	9
Donald Hensley	9
Write-In	1
Undervote	1
School Director Region 6	
Gerald Danson	17
Shlomo Archibald	18
Write-In	2
Undervote	3
Commissioner Seat 3	
	12
William Malicki	12
Arnold Wells	6
Write-In	1
Undervote	1
Statewide Referendum	
Yes	6
No	12
Undervote	2
Retention of Tony Grzanich	
	14
Yes	14
No	6
Undervote	0
Retention of Debbie Marks	
	10
Yes	10
No	10
Undervote	0
<b>Cumulative Totals:</b>	
- manda (C I Ottib)	
St. La D. A	
Straight Party	
Republican	12

Democratic	9
Green	5
	7
Libertarian	
Undervote	47
	W. N. N. G.
President/Vice President of th	e United States
James Collins	
Arthur Remus	44
Calvin Marino	
Keith Satterwhite	22
	22
John P. Defazio	
Louis Denn	4
	·
June Perkins	
David Heroux	7
Write-In	2
Undervote	1
United States Senator	
Colby Lincoln	42
Oscar Draper	27
	6
Eric Sheely	
Write-In	4
Undervote	1
Olider vote	•
Representative in Congress D	istrict 5
Ben Baker	31
Barbara Barrett-Hicks	22
Write-In	4
Undervote	3
Ulidervote	3
Representative in Congress D	istrict 10
Lois Koss	14
William Sullivan	4
Write-In	1
Undervote	1
Governor/Lieutenant Govern	or
	DI CONTRACTOR CONTRACT
Joe Carlton	
Arnold Krill	44
Charles Jasen	
Kenneth Interlicchio	25
Robert Marsh	
100001011111111111111111111111111111111	5
Theodore Vonn	
Theodore Kopp	
Theodore Kopp Write-In	5
Write-In	5
Write-In Undervote	5 1
Write-In	5 1
Write-In Undervote  Representative in the General	5 1 Assembly District 83
Write-In Undervote  Representative in the General Harry Rider	5 1 Assembly District 83
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott	5 1 <b>Assembly District 83</b> 19 14
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson	5 1 Assembly District 83 19 14 4
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott	5 1 Assembly District 83 19 14 4
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In	5 1 <b>Assembly District 83</b> 19 14 4 3
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson	5 1 Assembly District 83 19 14 4
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote	5 1 Assembly District 83 19 14 4 3 0
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote	5 1 Assembly District 83 19 14 4 3 0
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General	5 1 1 Assembly District 83 19 14 4 3 0
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle	5 1 Assembly District 83 19 14 4 3 0 Assembly District 84 22
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15 2
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15 2
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15 2
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15 2 1
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84 22 15 2 1
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15 2 1
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84  22 15 2 1  44 30
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84  22 15 2 1  44 30 4
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote	5 1  Assembly District 83 19 14 4 3 0  Assembly District 84 22 15 2 1  44 30 4 2
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84  22 15 2 1  44 30 4 2
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote  Judge of the Commonwealth	5 1 Assembly District 83 19 14 4 3 0  Assembly District 84 22 15 2 1  44 30 4 2 Court
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote Judge of the Commonwealth Chris Carpenter	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84  22 15 2 1  44 30 4 2  Court 43
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote Judge of the Commonwealth Chris Carpenter Eugene Ruff	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84 22 15 2 1  44 30 4 2  Court 43 28
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote Judge of the Commonwealth Chris Carpenter Eugene Ruff	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84  22 15 2 1  44 30 4 2  Court 43
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote Judge of the Commonwealth of Chris Carpenter Eugene Ruff Write-In	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84 22 15 2 1  44 30 4 2  Court 43 28 7
Write-In Undervote  Representative in the General Harry Rider R.J. Abbott Derek Carlson Write-In Undervote  Representative in the General Peter Valle Neil Carey Write-In Undervote  Judge of Superior Court Robert L. Linkey Patricia Smallmon Write-In Undervote Judge of the Commonwealth Chris Carpenter Eugene Ruff	5 1  Assembly District 83  19 14 4 3 0  Assembly District 84 22 15 2 1  44 30 4 2  Court 43 28

Judge of the Court of Comm		
Mary L.Daniel	42	
Jack "Duke" Brodisky	40	
Joanne Scholzert	31	
Kerry jones	25	
Write-In	13	
Undervote	9	
<b>County Chief Executive</b>		
Norman Powers	44	
Micheal Santarcangelo	29	
Write-In	4	
Undervote	3	
<b>County Controller</b>		
Paul M. Bertel-Lincoln	42	
Donna Berke	28	
Write-In	3	
Undervote	3 7	
Clidervote	1	
District Attorney		
Franklin Margo	31	
Donald Hensley	43	
Write-In	5	
Undervote	1	
School Director Region 6		
Gerald Danson	66	
Shlomo Archibald	65	
Write-In	16	
Undervote	13	
Commissioner Seat 1		
Stephen Harrick	13	
George Fisk	6	
Write-In	0 1	
Undervote	0	
Olidervote	U	
Commissioner Seat 2		
Steve West	24	
Tetty Rogiers	12	
Write-In	2	
Undervote	2	
Commissioner Seat 3		
William Malicki	12	
Arnold Wells	6	
Write-In	1	
Undervote	1	
Statewide Referendum		
Yes	27	
No	47	
Undervote	6	
	_	
Retention of Tony Grzanich		
Yes	54	
No Undervote	22 4	
Retention of Debbie Marks		
Yes	49	
No	27	
Undervote	4	

APPENDIX B - TEST CASES

## Test Case Identifier: 01 – 25 P.S. § 3031.7(1) Voter Secrecy (ADA Voter) (1) Provides for voting in absolute secrecy and prevents any person from PA ST 25 P.S. § 3031.7 seeing or knowing for whom any voter, except one who has received or is **Requirement:** receiving assistance as prescribed by law, has voted or is voting. **Test Objective:** To determine if a voters Test Configuration: Precinct tabulation device configured as selections input using an ADA device can be described for normal election day operation by Pennsylvania observed during the act of voting, or once a procedures and or the device manufacturer for an ADA voter. A vote has been cast. marker is placed 12 feet (measured from the lowest point of the devices voting surface to the floor) directly behind the center of the voting device. From that marker, another marker is placed 12 feet to the right side and the left side. The side distance observation points should be approximately 17 feet. See Step 1000 for a layout diagram. The ADA voter will be positioned in the center of the tabulation device with a site line of 4 feet. See Step 1001. Standard 15+ foot tape measure **Test Equipment:** Two roles are required for this test case. An ADA Voter role and an **Special Procedural Requirements:** observer role. The ADA voter will be positioned with a line of site at 48 inches. The observation must be made by an individual between the heights 68 inches and 71 inches. **Assumptions:** An election is loaded on the device and the polls are open, ready for voting. Step **Description** 1000 Layout Diagram: Top View DRE Verify all measurements. Expected: Center measurement is 12 feet and the side distance observation points are approximately 17 feet. Actual: Measured 12 feet. 1001 ADA Voter Position: Side View DRE Voter line of sight

Verify all measurements.  Expected: Center measurement is 12 feet and the side distance observation points are approximately 17 feet with
a voter line of sight at 48 inches.
Actual: Measured line of site at 48 inches.
Observer Role - Activate a ballot for ADA voting.
Expected: Ballot is presented and vote selections can be input.
Actual: Ballot is presented and vote selections can be input.
ADA Voter Role - Select the candidate corresponding to the upper most left hand position of the ballot presentation.
Observer Role - Attempt to ascertain visually, the voters input from the right most position, the center position, and the left most position
ADA Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the upper most left hand position. All other selections are to be under voted.
Expected: The Observer cannot determine the Voter's input selections.
Actual: Observer reported observations could be made from observation point 2 and 3.
ADA Voter Role - Select the candidate corresponding to the upper most right hand position of the ballot presentation.
Observer Role - Attempt to ascertain, both audibly and visually, the voters input from the right most position, the center position, and the left most position
ADA Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the upper most right hand position. All other selections are to be under voted.
Expected: The Observer cannot determine the Voter's input selections.
Actual: Observer reported observations could be made from observation point 1 and 2.
ADA Voter Role - Select the candidate corresponding to the lower most left hand position of the ballot presentation.
Observer Role - Attempt to ascertain, both audibly and visually, the voters input from the right most position, the center position, and the left most position

ADA Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the lower most left hand position. All other selections are to be under voted.

Expected: The Observer cannot determine the Voter's input selections.

Actual: Observer reported observations could be made from observation point 2 and 3.

### 1050

ADA Voter Role - Select the candidate corresponding to the lower most right hand position of the ballot presentation.

Observer Role - - Attempt to ascertain, both audibly and visually, the voters input from the right most position, the center position, and the left most position

ADA Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the lower most right hand position. All other selections are to be under voted.

Expected: The Observer cannot determine the Voter's input selections.

Actual: Observer reported observations could be made from observation point 1 and 2.

Criteria for Evaluation of the Test Results: The observer must not be able to determine the voter's selection from any observation position or any voter selection surface position.

Tost Coso Id	Intifiant 01 25 D.S. 8 303	1.7(1) Votor Socrocy (Pagular Votor)	
	<b>Test Case Identifier:</b> 01 – 25 P.S. § 3031.7(1) Voter Secrecy (Regular Voter) <b>PA ST 25 P.S. § 3031.7</b> (1) Provides for voting in absolute secrecy and prevents any person from the secrecy and prevents and prevents are secrecy and prevents are secrecy and prevents are secrecy and prevents are secrecy and prevents and prevents are secrecy are secrecy and prevents are secrecy and prevents are secrecy and prevents are secrecy and prevents are secrecy and prevents are secrecy are secrecy and prevents are secrecy are secrecy and prevents are secrecy are sec		
		seeing or knowing for whom any voter, except one who has received or is	
Requiremen	τ:	receiving assistance as prescribed by law, has voted or is voting.	
		receiving assistance as prescribed by taw, has voted or is voting.	
Test Object	tive: To determine if a v	voters <b>Test Configuration:</b> Precinct tabulation device configured as	
	n be observed during the a		
	ce a vote has been cast.	procedures and or the device manufacturer. A marker is placed 12	
8, 1		feet (measured from the lowest point of the devices voting surface	
		to the floor) directly behind the center of the voting device. From	
		that marker, another marker is placed 12 feet to the right side and	
		the left side. The side distance observation points should be	
		approximately 17 feet. See step 1000 for a layout diagram.	
Test Equipn		Standard 15+ foot tape measure	
Special Proc	edural Requirements:	Two roles are required for this test case. A Voter role and an observer	
		role. The observation must be made by an individual between the heights	
		of 5 feet 8 inches and 5 feet 11 inches.	
Assumptions	s:	An election is loaded on the device and the polls are open, ready for	
	T	voting.	
Step		Description	
1000	T D'		
	Layout Diagram:	Top View	
		DRE	
		27	
		12'	
		*	
		12'	
	Varify all massuraments		
	Verify all measurements.		
	Expected: Center measurement is 12 feet and the side distance observation points are approximately 17 feet.		
	Actual: Measured 12 feet.		
1010			
	Observer Role - Activate a ballot for regular voting.		
	Expected: Ballot is presented and vote selections can be input.		
	Actual: The ballot is presented and vote selections can be input.		
1020			
1020	Voter Role - Select the candi	date in the upper most left hand position of the ballot presentation.	
	Observer Role - Attempt to ascertain, both audibly and visually, the voters input from the right most position, the center position, and the left most position		
	center position, and the left most position		
	Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the		
	l	. All other selections are to be under voted.	

Expected: The Observer cannot determine the Voter's input selections. Actual: Observer reported observations could be made from observation point 2 and 3. 1030 Voter Role - Select the candidate in the upper most right hand position of the ballot presentation. Observer Role - Attempt to ascertain, both audibly and visually, the voters input from the right most position, the center position, and the left most position Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the upper most right hand position. All other selections are to be under voted. Expected: The Observer cannot determine the Voter's input selections. Actual: Observer reported observations could be made from observation point 2. 1040 Voter Role - Select the candidate in the lower most left hand position of the ballot presentation. Observer Role - Attempt to ascertain, both audibly and visually, the voters input from the right most position, the center position, and the left most position Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the lower most left hand position. All other selections are to be under voted. Expected: The Observer cannot determine the Voter's input selections. Actual: Observer reported observations could be made from observation point 2. 1050 Voter Role - Select the candidate in the lower most right hand position of the ballot presentation. Observer Role - Attempt to ascertain, both audibly and visually, the voters input from the right most position, the center position, and the left most position Voters Role - Use the supplied method to advance the ballot to a cast vote state. The only selection should be the lower most right hand position. All other selections are to be under voted. Expected: The Observer cannot determine the Voter's input selections. Actual: Observer reported observations could be made from observation point 2.

Criteria for Evaluation of the Test Results: The observer must not be able to determine the voter's selection from any observation position or any voter selection surface position.

		. ,	Selection of Candidates and Questions by Voter (Regular/ADA)
PA ST 25 P.S. § 3031.7 Requirement:			rovides facilities for voting for such candidates as may be nominated upon such questions as may be submitted.
Kequiremen	ıı;	ana	apon such questions as may be submitted.
	ive: To determine if a vote select candidates and question	ons.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer.
Test Equipn		None	
	cedural Requirements:	None	
Assumption	S:	votin	election is loaded on the device and the polls are open, ready for ag.
Step			Description
1000	Activate a ballot for voting		
	Expected: The ballot is presen	nted an	d vote selections can be input.
	Actual: The ballot was presen	nted.	
1010	Select the first candidate in the	e first j	partisan contest excluding a straight party contest.
	-		evice displays or provides an indication of a vote selection for the first excluding a straight party contest.
	Actual: Selection was made f	or Jame	es Collins.
1020	Use the designated method to advance the ballot to the first "N of M" contest. Select the first "N" candidates in the contest. (e.g. in a Vote for Two contest the first two candidates would be selected).		
	Expected: The precinct tabulation device advances to the first "N of M" contest. Once selected the precinct tabulation device displays or provides an indication of a vote for the first "N" candidates in the first "N of M" contest.		
	Actual: Selections were made	for Ma	ary L. Daniel and Jack "Duke" Brodisky.
1030	Use the designated method to contest.	advano	ce the ballot to the first "Question" contest. Select the "Yes" option in the
	Expected: The precinct tabulation device advances to the first "Question" contest. Once selected the precinct tabulation device displays or provides an indication of a vote selection for the "Yes" option in the first "Question" contest.		
	Actual: Selection was made o	f"Yes'	, .
1040	Use the designated method to advance the ballot to the second "Question" contest. Select the "No" option in the contest.		
	Expected: The precinct tabulation device advances to the second "Question" contest. Once selected the precinct tabulation device displays or provides an indication of a vote selection for the "No" option in the second		

	"Question" contest.
	Actual: Selection was made for "No".
1050	Use the designated method to advance the "Ballot Review". Observe the "Ballot Review" to see if the above selections are displayed. Use the designated method to cast the voted selections.  Expected: The precinct tabulation device advances to the "Ballot Review" screen. After review and ballot is
	cast successfully.
	Actual: Ballot was cast successfully for all selections.
1060	Repeat steps 1000- 1050 from above using an ADA input device.
	Expected: Repeat 1000X  Repeat 1010X  Repeat 1020X  Repeat 1030X  Repeat 1040X  Repeat 1050X
	Actual: All steps were successfully repeated was audio session.
1070	Close the polls and print the closed polls report tape.
	Expected: The polls closed and a report is printed.
	Actual: The polls closed and report printed.
1080	Review the closed polls report to ensure all selections input above are recorded and reported correctly.
	Expected: The closed polls report presents the accumulated totals for the selections input above.
	Actual: All selections were accurately reported on the results report.
	Evaluation of the Test Results: The intended selections input above are recorded, store as input by the tester.

Test Case Id	lentifier: 03 – 25 P.S. 8 303	1.7(3) Straight Party and Pennsylvania Method		
PA ST 25 P.S. § 3031.7		(3) Permits each voter, at other than primary elections, to vote a straight		
Requirements:		political party ticket by one mark or act and, by one mark or act, to vote		
requirements.		for all the candidates of one political party for presidential electors and,		
		by one mark or act, to vote for all the candidates of one political party for		
		every office to be voted for, and every such mark or act shall be		
		equivalent to and shall be counted as a vote for every candidate of the		
		political party so marked including its candidates for presidential		
		electors, except with respect to those offices as to which the voter has		
		registered a vote for individual candidates of the same or another		
		political party or political body, in which case the automatic tabulating		
		equipment shall credit the vote for that office only for the candidate		
		individually so selected, notwithstanding the fact that the voter may not		
		have individually voted for the full number of candidates for that office		
		for which he was entitled to vote.		
	ive: To determine if the v			
	orts straight party voting an			
Pennsylvania	Method.	procedures and/or the device manufacturer.		
Test Equipn		None		
	edural Requirements:	None		
Assumption	S:	An election is loaded on the device and the polls are open, ready for		
Step		voting.  Description		
1000		Description		
1000	Activate a ballot for voting.			
	Expected: The ballot is presented and vote selections can be input.			
	Actual: The ballot was presented.			
1010				
1010	Select the option for the first party selection of the straight party.			
	Emerted. The presinct to hall	otion device displays on provides an indication of a viete calcution for the first next		
	Expected: The precinct tabulation device displays or provides an indication of a vote selection for the first party selection in the straight party contest.			
	Actual: Republican was selected.			
1020				
1020	Use the designated method to	advance through the hallot to each partisan contest. Observe all partisan contests		
	Use the designated method to advance through the ballot to each partisan contest. Observe all partisan contests for the indication of a voter selection for all partisan candidates associated with the first straight party selection.			
	Expected: The precinct tabulation device displays or provides an indication of a vote selection for all the partisan			
	candidates in each contest associated with the first straight party selection.			
	Actual: All Republican candidates were selected.			
1030				
	Use the designated method to	advance through the remainder of the ballots advancing to the ballot review screen.		
_		pallot review observing only the partisan contests associated with the first straight		
		Use the designated method to cast the voted ballot.		
	Expected: The precinct tabula	ation device displays or provides an indication of a vote selection for only the		
	partisan contests associated with the first straight party selection. After review the ballot is cast successfully.			

	Actual: All republican candidates were selected and under votes for non-partisan contests.
1040	Activate a ballot for voting.
	Expected: The ballot is presented and vote selections can be input.
	Actual: The ballot was presented.
1050	Select the option for the second party selection of the straight party.
	Expected: The precinct tabulation device displays or provides an indication of a vote selection for the second party in the straight party contest.
	Actual: Democrat was selected.
1060	Use the designated method to advance through the ballot to each partisan contest. Observe all partisan contests for an indication of a voter selection for all partisan candidates associated with the second straight party selection.
	Expected: The precinct tabulation device displays or provides an indication of a vote selection for all the partisan candidates in each contest associated with the second straight party selection.
	Actual: Democratic candidates were selected.
1070	Use the designated method to retreat through the ballot selections to the first "N of M" contest. Select the first partisan candidate that is not the party associated with the second straight party selection. Leave the remainder of the selections under voted.
	Expected: "N" candidates for the party of the second straight party selections should display or provide an indication of the non-selection. The selected candidate should be the only selection displayed or indicated.
	Actual: Mary L. Daniel was selected and all other candidates were deselected.
1080	Use the designated method to retreat through the ballot to the "Straight Party" contest. Observe the selection for the second straight party selection.
	Expected: The second straight party selections should be displayed or an indication given as selected.
	Actual: Democrat was selected.
1090	Use the designated method to advance through the remainder of the ballot advancing to the ballot review. Review the selections in the ballot review to verify that the partisan contests associated with the second straight party selections are present with the exception of the first "N of M" contest. Use the designated method to cast the voted ballot.

	Expected: The precinct tabulation device displays or indicates the selection for the partisan contests associated with the second straight party selection for all contests except the first "N of M" contest. The first "N of M"					
	contest displays or indicates the selection of the first candidate that is not associated with the second straight party selection. After review the ballot is cast successfully.					
	Actual: The ballot review screen displayed the correct selections.					
1100	Activate a ballot for voting.					
	Expected: The ballot is presented and vote selections can be input.					
	Actual: The ballot was displayed.					
1110	Select the option for the first party selection of the straight party.					
	<i>Expected:</i> The precinct tabulation device displays or provides an indication of a vote selection for the first party in the straight party contest.					
	Actual: Republican was selected.					
1120	Use the designated method to advance through the ballot to each partisan contest. Observe all partisan contests for an indication of a voter selection for all partisan candidates associated with the first straight party selection.					
	<i>Expected:</i> The precinct tabulation device displays or provides an indication of a vote selection for all the partisan candidates in each contest associated with the first straight party selection.					
	Actual: All Republican candidates were selected.					
1130	Use the designated method to retreat through the ballot selections to the first "N of M" contest. Select the first partisan candidate that is associated with the first straight party selection. Leave this contest and the remainder of the selections under voted.					
	Expected: "N" candidates for the party of the first straight party selections should display or provide an indication of the non-selection. The selected candidate should be the only selection displayed or indicated.					
	Actual: Mary L. Daniel was selected and all other candidates were deselected.					
1140	Use the designated method to advance through the remainder of the ballot advancing to the ballot review. Review the selections in the ballot review to verify that the partisan contests associated with the first straight party selections are present with the exception of the first "N of M" contest. Use the designated method to cast the voted ballot.					
	Expected: The precinct tabulation device displays or indicates the selection for the partisan contests associated with the first straight party selection for all contests except the first "N of M" contest. The first "N of M" contest displays or indicates the selection of the second candidate that is associated with the first straight party selection and an under vote. After review the ballot is cast successfully.					
	Actual: All selections were indicated.					

1150	Repeat steps 1000- 1150 from above using an ADA input device.
	Expected: Repeat 1000X Repeat 1010X Repeat 1020X Repeat 1030X Repeat 1040X Repeat 1050X Repeat 1060X Repeat 1070X Repeat 1080X Repeat 1090X Repeat 1100X Repeat 1110X Repeat 1120X Repeat 1130X Repeat 1140X Repeat 1140X
	Repeat 1150X  Actual: All steps were successfully repeated using the audio session.
1160	Close the polls and print the closed polls report tape.
	Expected: The polls closed and a report is printed.
	Actual: The polls were closed and results report printed.
1170	Review the closed polls report to ensure all selections input above are recorded and reported correctly.
	Expected: The closed polls report presents the accumulated totals for the selections input above.
	Actual: All selections were accurately reported on the results report.
Critoria for	Evaluation of the Test Results: The intended selections input above are recorded stored and

**Criteria for Evaluation of the Test Results**: The intended selections input above are recorded, stored, and reported as input by the tester. The functionality of selecting a candidate of the same party or of a different party of the straight party selection de-selects all candidates for the straight party vote.

Test Case Id	entifier: 04 – 25 P.S. § 303	1.7(4)	Straight Party and Write-In
PA ST 25 P.S. § 3031.7 Requirements:			(4) Permits each voter, at other than primary elections, to vote a
1 A 51 251.5. § 5051.7 Requirements.		ю.	ticket selected from the nominees of any and all political parties,
			from the nominees of any and all political bodies, and from any
			persons whose names are not in nomination and do not appear
			upon the official ballot.
Test Objectiv	ve: To determine if the votin	19	<b>Test Configuration:</b> Precinct tabulation device configured as
	rts straight party voting and		described for normal election day operation by Pennsylvania
write-in.			procedures and/or the device manufacturer.
Test Equipm	ent:	None	
	edural Requirements:	None	
Assumptions			lection is loaded on the device and the polls are open, ready for
Tasserip violes	•	votin	
Step			Description
1000			•
	Activate a ballot for voting		
	Expected: The ballot is presen	nted an	d vote selections can be input.
	Actual: The ballot was presented.		
1010			
	Select the option for the first	party se	election of the straight party.
	-		vice displays or provides an indication of a vote selection for the first party
	selection in the straight party contest.		
	Actual: Republican was selected.		
1020			
			ce through the ballot to each partisan contest. Observe all partisan contests
		a voter	selection for all partisan candidates associated with the first straight party
	selection.		
	T . 1 T		
			evice displays or provides an indication of a vote selection for all the partisan
	candidates in each contest ass	ociated	with the first straight party selection.
	Actual. All Danublican condi	dataa n	ware coloated
	Actual: All Republican candi	idales v	vere selected.
1030			
1030	Use the designated method to	advan	ce through the remainder of the ballot advancing to the ballot review screen.
	Observe the selection in the ballot review observing only the partisan contests associated with the first straight party selections are present. Use the designated method to cast the voted ballot.		
	party selections are present.	c se tiit	and the case are roted ballot.
	Expected: The precinct tabulation device displays or provides an indication of the selection for only the partisan		
			ight party selection. After review the ballot is cast successfully.
	moderated with the fi		6 1 may seem that the same is the same successfully.
	Actual: The ballot review scr	een dis	played the selections for all republican candidates and no selection for non-
	partisan contests.		
	•		

1040	
1040	Activate a ballot for regular voting
	Expected: The ballot is presented and vote selections can be input.
	Actual: The ballot was presented.
1050	Select the option for the first party selection of the straight party.
	Expected: The precinct tabulation device displays or provides an indication of a vote selection associated with the first party selection in the straight party contest.
	Actual: Republican was selected.
1060	Use the designated method to advance to the first partisan contest. Select the write-in option. Input John Doe as the write-in name.
	Expected: The precinct tabulation advances to the first partisan contest and allows the input of the "Write-In" candidate John Doe.
	Actual: John Doe was input as a write-in candidate for President of the United States.
1070	Use the designated method to advance to the ballot review screen. Observe the selections associated with the first straight party selection with the exception of the first partisan contest. Use the designated method to cast the voted ballot.
	Expected: The precinct tabulation device displays or provides an indication of a vote selection associated with the first party selection in the straight party contest with the exception of the first partisan contest which should indicate the write-in input of John Doe.
	Actual: Republican candidates in all partisan races were selected with the exception of John Doe as a write-in for President of the United States
1080	Activate a ballot for regular voting
	Expected: The ballot is presented and vote selections can be input.
	Actual: The ballot was presented.
1090	Select the option for the first party selection of the straight party.
	Expected: The precinct tabulation device displays or provides an indication of a vote selection associated with the first party selection in the straight party contest.
	Actual: Republican was selected.

4400	
1100	Use the designated method to advance to the first "Question" contest. Select the "Yes" option. Attempt to over vote by selecting the "No" option. Observe the action of attempting to select the second option.
	<i>Expected:</i> The precinct tabulation device displays or provides an indication of an attempt to over vote. The precinct tabulation device might disallow the selection and not display any communication.
	.Actual: The device toggled for input in a normal voting session and the candidates were deselected and selected in the accessible voting session.
1110	Repeat steps 1000- 1100 from above using an ADA input device.
	Expected: Repeat 1000X Repeat 1010X Repeat 1020X Repeat 1030X Repeat 1040X Repeat 1050X Repeat 1060X Repeat 1070X Repeat 1080X Repeat 1090X Repeat 1100X
	Actual: All steps were repeated using an audio session.
1120	Close the polls and print the closed polls report tape.
	Expected: The polls closed and a report is printed.
	Actual: The polls were closed and the results report was printed.
1130	Review the closed polls report to ensure all selections input above are recorded and reported correctly.
	Expected: The closed polls report presents the accumulated totals for the selections input above.
	Actual: All selections were accurately reported on the results report.
	Evaluation of the Test Results: The intended selections input above are recorded, stored, and uput by the tester. The functionality of selecting a write-in candidate functions with a straight party

		1.7(5) S	election of Candidate and Write-in	
	P.S. § 3031.7			
	ive: To determine if the voting		<b>Test Configuration:</b> (5) Permits each voter to vote for any person and any office for whom and for which he is lawfully entitled to vote, whether or not the name of such person appears upon the ballot as a candidate for nomination or election.	
Гest Equipn	nent:	None	buttor as a caratage for nonmation or election.	
	cedural Requirements:	None		
Assumption		An ele	ection is loaded on the device and the polls are open, ready for	
Step			Description	
1000				
	Expected: The ballot is presen	nted and	vote selections can be input.	
	Actual: The ballot was presen	ted.		
1010	Select the option for the first	candidate	e in the first partisan contest.	
	Expected: The precinct tabulation device displays or provides an indication of a vote selection for the first candidate selection in the first partisan contest.			
	Actual: James Collins and Arthur Remus were selected for President of the United States.			
Use the designated method to advance through the remainder of the ballot advancing Observe the selection in the ballot review observing only the first candidate in the first selected. Use the designated method to cast the voted ballot.		iew observing only the first candidate in the first partisan contest is		
	Expected: The precinct tabulation device displays or provides an indication of the selection for only the first candidate selection in first partisan contests. After review the ballot is cast successfully.			
	Actual: James Collins and Arthur Remus were the only selection displayed.			
1030	Activate a ballot for voting.			
	Expected: The ballot is presented and vote selections can be input.			
	Actual: The ballot was presented.			
1040	Select the option for a write-i Doe".	n candid	ate in the first partisan contest. Use the designed method to input "John	
	Expected: The precinct tabula candidate.	tion dev	ice displays or provides an indication of a vote selection for a write-in	
	Actual: John Doe was input for	or Presid	lent of the United States.	

1050	
1020	Use the designated method to advance through the remainder of the ballot advancing to the ballot review screen. Observe the selection in the ballot review observing only the write-in candidate in the first partisan contest is selected. Use the designated method to cast the voted ballot.
	<i>Expected:</i> The precinct tabulation device displays or provides an indication of the selection for only the write-in candidate "John Doe" in first partisan contests. After review the ballot is cast successfully.
	Actual: John Doe was the only selection displayed.
1060	Activate a ballot for voting.
	Expected: The ballot is presented and vote selections can be input.
	Actual: The ballot was presented.
1070	Select the option for a write-in candidate in the first "N of M" contest. Use the designed method to input "John Doe" for all selections. Observe any activity to preclude the same input.
	<i>Expected:</i> The precinct tabulation device displays or provides an indication of a duplicate vote selection for a write-in candidate. If no indication is provided then trace the ability to adjudicate the vote through the entire system. It may require the EMS component to verify.
	Actual: John Doe and John Doe were input. It was traced through the iVotronic Write-in Report to adjudicate the duplicate inputs successfully.
1080	Repeat steps 1000- 1070 from above using an ADA input device.
	Expected: Repeat 1000X
	Repeat 1010X Repeat 1020X
	Repeat 1030X Repeat 1040X
	Repeat 1050X
	Repeat 1060X Repeat 1070X
	Actual: All steps were repeated using an audio session.
1090	Close the polls and print the closed polls report tape.
	Expected: The polls closed and a report is printed.
	Actual: The polls were closed and the results report printed.

## 1100

Review the closed polls report to ensure all selections input above are recorded and reported correctly.

Expected: The closed polls report presents the accumulated totals for the selections input above.

Actual: All selections were accurately reported on the results report.

**Criteria for Evaluation of the Test Results:** The intended selections input above are recorded, stored, and reported as input by the tester. The functionality of selecting a candidate and a write-in candidate functions.

Test Case Id	entifier: 07– 25 P.S. § 3031	.7(7)	Attempt to Over Vote Contests and Questions (Regular/ADA)	
PA ST 25 P.S. § 3031.7 Requirements:			(7) If it is of a type that registers the vote electronically, the voting	
1 A 51 251 .5. § 5051.7 Requirements.			system shall preclude each voter from voting for more persons for	
			any office than he is entitled to vote for or upon any question more	
			than once.	
<b>Test Objective:</b> To determine if the voting		oting	Test Configuration: Precinct tabulation device configured as	
•	s over voting on contests	_	described for normal election day operation by Pennsylvania	
questions	s over voung on concess.	, all	procedures and/or the device manufacturer.	
Equipment:		None	l	
	edural Requirements:	None		
Assumptions			election is loaded on the device and the polls are open, ready for	
		votin		
Step		I	Description	
1000			•	
	Activate a ballot for voting.			
	_			
	Expected: The ballot is presen	nted an	d vote selections can be input.	
	•		•	
	Actual: The ballot was presen	nted.		
	_			
1010				
	Select the first candidate in th	e first	partisan "1 of 1" contest excluding a straight party contest.	
		,		
	Expected: The precinct tabu	lation	device displays or provides an indication of a vote selection for the first	
	candidate in the first partisan "1 of 1" contest excluding a straight party contest.			
	canadado in die mot particul i or i comest exeruting a straight party contest.			
	Actual: James Collins and Arthur Remus were selected for President of the United States.			
	remain sumes coming and rather remain were selected for resident of the Office States.			
1020				
	Attempt to select the second candidate in the first partisan "1 of 1" contest ensure the contest is the same contest			
	as voted in step 1010. Observe the action of attempting to place a second vote.			
	_			
	Expected: The precinct tabu	ılation	device displays or provides an indication of an attempt to over vote. The	
	-		allow the selection and not display any communication.	
	Actual: Calvin Marino and	Keith S	atterwhite were selected. The device toggled between the selections in a	
	normal voting session and a d	le-selec	tion and selection during the accessible voting session.	
1030				
	Attempt to select the write-in	option	Observe the action of attempting to input a write-in.	
	Expected: The precinct tabula	ation de	vice displays or provides an indication of an attempt to over vote. The	
	precinct tabulation device might disallow the selection and not display any communication.			
	Actual: The device toggled between the selections in a normal voting session and a de-selection and selection			
	during the accessible voting session.			
1040				
	Use the designated method to advance the ballot to the first "N of M" contest. Select the first "N" candidates in			
	the contest. (e.g. in a Vote for	Two c	ontest the first two candidates would be selected).	
	Expected: The precinct tabulation device advances to the first "N of M" contest. Once selected, the precinct			
	tabulation device displays or provides an indication of a vote for the first "N" candidates in the first "N of M"			

	contest.						
	Actual: Mary L. Daniel and Jack "Duke" Brodisky were selected.						
1050	Attempt to select the "N +1" candidate in the first "N of M" contest ensure the contest is the same contest as voted in step 1030. Observe the action of attempting to place an over vote.						
	<i>Expected:</i> The precinct tabulation device displays or provides an indication of an attempt to over vote. The precinct tabulation device might disallow the selection and not display any communication.						
	Actual: The device displayed an indication of an attempt to overvote.						
1060	Use the designated method to advance the ballot to the first "Question" contest. Select the "Yes" option in the contest.						
	Expected: The precinct tabulation device advances to the first "Question" contest. Once selected, the precinct tabulation device displays or provides an indication of a vote for the "Yes" option in the first "Question" contest.						
	Actual: "Yes" was selected.						
1070	Attempt to select the "No" option in the first "Question" contest ensure the contest is the same contest as voted in step 1050. Observe the action of attempting to place an over vote.						
	Expected: The precinct tabulation device displays or provides an indication of an attempt to over vote. The precinct tabulation device might disallow the selection and not display any communication.						
	Actual: The device toggled between selections.						
1080	Use the designated method to advance the "Ballot Review". Observe the "Ballot Review" to see if the above selections are indicated. Use the designated method to cast the voted selections.						
	<i>Expected:</i> The precinct tabulation device advances to the "Ballot Review" screen. After review and ballot is cast successfully.						
	Actual: The selections were displayed correctly.						
1090	Repeat steps 1000- 1080 from above using an ADA input device.						
	Expected: Repeat 1000X						
	Repeat 1010X						
	Repeat 1020X Repeat 1030X						
	Repeat 1040X						
	Repeat 1050X Repeat 1060X						
	Repeat 1000X  Repeat 1070X						
	Repeat 1080X						
	Actual: All steps were repeated using an audio session.						

1100	Close the polls and print the closed polls report tape.				
	Expected: The polls closed and a report is printed.				
	Actual: The polls were closed and the results report printed.				
1110	Review the closed polls report to ensure all selections input above are recorded and reported correctly.				
	Expected: The closed polls report presents the accumulated totals for the selections input above.				
	Actual: All selections were accurately reported on the results report.				

**Criteria for Evaluation of the Test Results:** The intended selections input above are recorded, stored, and reported as input by the tester. The attempts to select more persons than the vote for and any question more than once are unsuccessful.

Toot Coop Id	ontifion: 10 25 D.S. 8 202	1.7(10) Pollot Pavian and Change (Pagular ADA)	
		1.7(10) Ballot Review and Change (Regular ADA)	
	P.S. § 3031.7	(10) If it is of a type that registers the vote electronically, the voting	
Requirements:		system shall permit each voter to change his vote for any candidate or	
		upon any question appearing on the official ballot up to the time that he	
		takes the final step to register his vote and to have his vote computed.	
		If it is of a type that uses paper ballots or ballot cards to register the vote	
		and automatic tabulating equipment to compute such votes, the system	
		shall provide that a voter who spoils his ballot may obtain another ballot;	
		any ballot thus returned shall be immediately cancelled and at the close of the polls shall be enclosed in an envelope marked "Spoiled" which	
		shall be sealed and returned to the county board.	
Test Object	ive: To determine if the v	· ·	
	ws the voter to review		
	d change a vote selection b		
cast of the ba	_		
Test Equipn	nent:	None	
	edural Requirements:	None	
Assumptions	s:	An election is loaded on the device and the polls are open, ready for	
		voting.	
Step		Description	
1000			
	Activate a ballot for voting.		
	Expectea: The ballot is presen	nted and vote selections can be input.	
	Actual: The ballot was presen	ntad	
	Actual: The ballot was presented.		
1010			
1010	Salaat the first condidate in th	o first all "1 of 1" contact avaluding a straight party contact, the first "N" condidates	
	Select the first candidate in the first all "1 of 1" contest excluding a straight party contest, the first "N" candidates in all "N of M" contests, and select the "Ves" ontion in all "Ouestion" contests.		
	in all "N of M" contests, and select the "Yes" option in all "Question" contests.		
	Expected: The precinct tabulation device allow for the navigation and the voting inputs to be selected as		
	described above.		
	Actual: James Collins and Arthur Remus were selected for President of the United States. Mary L. Daniel and		
	Jack "Duke' Brodisky were selected for Court of Common Pleas and "Yes" selected in all question contests.		
1020			
	_	o advance the "Ballot Review". Observe the "Ballot Review" to see if the above	
	selections are indicated.		
	_	lation device advances to the "Ballot Review" screen. The vote selections can be	
	verified.		
	A study. The hellet review coron displayed the selection		
	Actual: The ballot review screen displayed the selection correctly.		
1030			
1030	Use the designated method to retract to the first partisan "1 of 1" contest excluding the straight party contest.		
	- C		
	Expected: The precinct tabulation device navigates to the first partisan "1 of 1" contest excluding the straight		
	party contest.		
	Actual: Navigated to President of the United States.		

1040	Deselect the first candidate selection and select the second candidate.				
	<i>Expected:</i> The precinct tabulation device indicates the de-selection of the first candidate and the select of the second candidate.				
	Actual: Calvin Marino and Keith Satterwhite were selected.				
1050	Use the designated method to advance to the first "Question" contest. De-select the "Yes" option and select the "No" option.				
	Expected: The precinct tabulation device navigates to the first "Question" contest and provides an indication of the de-selection of the "Yes" option and a selection of the "No" option.				
	Actual: "No" was selected in the Statewide Referendum contest.				
1060	Use the designated method to advance the "Ballot Review". Observe the "Ballot Review" to see if the above selections are indicated. Use the designated method to cast the voted selections.				
	<i>Expected:</i> The precinct tabulation device advances to the "Ballot Review" screen. After review and ballot is cast successfully.				
	Actual: The selections were displayed correctly.				
1070	Repeat steps 1000- 1060 from above using an ADA input device.  Expected: Repeat 1000X				
	Repeat 1010X  Repeat 1020X  Repeat 1030X  Repeat 1040X  Repeat 1050X  Repeat 1060X				
	Actual: All steps were repeated using an audio session.				
1080	Close the polls and print the closed polls report tape.				
	Expected: The polls closed and a report is printed.				
	Actual: The polls were closed and the results report printed.				
1090	Review the closed polls report to ensure all selections input above are recorded and reported correctly.				
	Expected: The closed polls report presents the accumulated totals for the selections input above.				
	Actual: All selections were accurately reported on the results report.				

**Criteria for Evaluation of the Test Results:** The intended selections input above are recorded, stored, and reported as input by the tester. The voter input can be changed by navigating through the ballot after a ballot has been reviewed.

Test Case Identifier: 16 - 2	5 P.S. § 3031.7(16) Public Counter, No Reopening of Polls, Media Security with
•	
Tamper Proof Locks and Zero  PA ST 25 P.S. § 3031.7  Requirements:	(16) If the voting system is of a type which provides for the computation and tabulation of votes at the district level, the district component of the automatic tabulating equipment shall include the following mechanisms or capabilities:  (i) A public counter, the register of which is visible from the outside of the automatic tabulating equipment component into which the ballots are entered, which shall show during any period of operation the total number of ballots entered for computation and tabulation.  (ii) A lock, or locks, by the use of which all operation of the tabulation element of the automatic tabulating equipment is absolutely prevented immediately after the polls are closed or where the tabulation of votes is completed.  (iii) It shall be so constructed and controlled that, during the progress of voting, it shall preclude every person from seeing or knowing the number of votes theretofore registered for any candidate or question; and it shall preclude every person from tampering with the tabulating element.  (iv) If the number of choices recorded for any office or on any question exceeds the number for which the voter is entitled to vote, it shall reject all choices recorded on the ballot for that office or question, provided, that if used during the period of voting it may also have the capacity to indicate to a voter that he has improperly voted for more candidates for any office than he is entitled to vote for, and in such case it shall have the capacity to permit the voter to mark a new ballot or to forego his
	opportunity to make such correction.  (v) It shall be equipped with an element which generates a printed record at the beginning of its operation which verifies that the tabulating elements for each candidate position and each question and the public counter are all set to zero and with an element which generates a printed record at the finish of its operation of the total number of voters whose ballots have been tabulated, the total number of votes cast for each candidate whose name appears on the ballot, and the total number of
	votes cast for, or against, any question appearing on the ballot.
Test Objective: To determine a device has a public counter, do the reopening of the polls, and proof and tally report.	Test Configuration: Precinct tabulation device configured as described for normal election day operation by Pennsylvania
Test Equipment:	None
Special Procedural Requirem	
Assumptions:	The election media is installed but the polls have not been opened.
Step Step	Description
Ensure media is lo response is needed  Expected: The pro	aded but the polls have not been opened. Use the designated method to open polls. If a to print "Zero Proof" report, select this option.  ecinct tabulation device opens the polls and prints a "Zero Proof" report.  med and zero proof report was printed.
Activate a ballot for Expected: The ball	or voting.  lot is presented and vote selections can be input.

	Actual: The ballot was presented.
1020	Use the designated method to navigate to the straight party contest. Select the first selection in the straight party contest.  Expected: The precinct tabulation device navigates to the first straight party contest, allows the input of the first selection, and indicts the first selections was input.  Actual: Republican was selected.
1030	Use the designated method to advance the "Ballot Review". Observe all selections for the party associated with the selection for the first straight party selection are selected. Observe the public counter value being 0.
	Expected: The precinct tabulation device navigates to the "Ballot Review" screen. The public counter is visible and the value is 0.
	Actual: Selections for Republican candidates were displayed. The counters had to be observed before the ballot is presented.
1040	Use the designated method to cast the voted selections. Observe the acknowledgement of "successful" ballot cast if provided, and the public counter incrementing by one.  Expected: The precinct tabulation device successfully cast the ballot and the public counter is incremented. If
	the ballot was not cast successfully the test is halted.  *Actual: The ballot was cast successfully. The incrementing of the counter had to be observed after the ballot was cast.
1050	Close the polls and print the closed polls report tape.
	Expected: The polls closed and a report is printed.
	Actual: The polls were closed and the results report printed.
1060	Use the designated method to attempt to reopen the polls.
	Expected: The polls cannot be reopened.
	Actual: The polls could not be reopened.
1070	Place lock on precinct tabulation device per Pennsylvania Procedures to ensure all operation of the tabulation element is prevented.
	Expected: The precinct tabulation device can by secured so that all operation of the tabulation element is prevented.

	Actual: The precinct tabulation device could be locked.
1070	Review the closed polls report to ensure all selections input above are recorded and reported correctly.  Expected: The closed polls report presents the accumulated totals for the selections input above.  Actual: The polls were closed and the results report printed.

**Criteria for Evaluation of the Test Results:** The intended selections input above are recorded, stored, and reported as input by the tester. The voting device is able to produce a "Zero Proof" and "Tally Report". The voting device has a visible public counter and the counter increments correctly.

**Test Case Identifier:** 04, 06, 08, 09, Permanent Physical Record, and Statistical Sample – 25 P.S. §§ 3031.7(4), (6), (8), (9); 3031.1; and 3031.17 System Integration

## PA ST 25 P.S. § 3031.7 Requirements:

- (4) Permits each voter, at other than primary elections, to vote a ticket selected from the nominees of any and all political parties, from the nominees of any and all political bodies, and from any persons whose names are not in nomination and do not appear upon the official ballot.
- (6) Permits each voter to vote for as many persons for any office as he is entitled to vote for and to vote for or against any question upon which he is entitled to vote and precludes each voter from voting or from having his vote tabulated for any candidate, or upon any question, for whom or upon which he is not entitled to vote.
- (8) Precludes each voter from voting or from having his vote tabulated more than once for any candidate for the same office or upon any question, except in districts and for offices where cumulative voting is authorized by law.
- (9) Permits each voter at a primary election to vote only for the candidates seeking nomination by a political party in which such voter is registered and enrolled, and for any candidate for nonpartisan nomination, and for any question upon which he is entitled to vote.

## PA ST 25 P.S. § 3031.1 Requirements:

"ELECTRONIC VOTING SYSTEM" means a system in which one or more voting devices are used to permit the registering or recording of votes and in which such votes are computed and tabulated by automatic tabulating equipment. The system shall provide for a permanent physical record of each vote cast.

## PA ST 25 P.S. § 3031.17 Requirements:

The county board of elections, as part of the computation and canvass of returns, shall conduct a statistical recount of a random sample of ballots after each election using manual, mechanical or electronic devices of a type different than those used for the specific election. The sample shall include at least two (2) per centum of the votes cast or two thousand (2,000) votes whichever is the lesser.

#### **Test Objective:**

This area of testing will focus on the system being able to perform a general and a closed primary from ballot design to reporting of results.

#### **Test Configuration:**

The system integration testing will execute a general and a primary election from ballot design through vote accumulation, consolidation and reporting. The election definitions will include all supported voting variations, languages, multiple ballot styles, and ADA voting. Two election definitions will be defined and executed according to a predefined voting pattern. All requirements tested in the targeted functionality testing will be monitored including accuracy throughout system integration testing.

### **Test Method:**

The method for testing these requirements is defined as follows:

Provide an election definition that contains multiple ballot styles based on geographical subdivision in both a general election and a closed primary and tests that each vote is counted only once.

Two elections will be utilized to perform System Integration Testing:

- PA Certification General Election
- PA Certification Closed Primary Election

This test will be performed by evaluating the system from the pre-voting state of loading the media and obtaining pre-voting reports through the post-voting state of accumulation of voted data and printing of post-election reports. All documented steps will be followed to perform this test.

- Election definition and ballot layout coded prior to test
- Print pre-election report for ballot layout, precinct summary, and election summary
- Load election media
- Install election onto the precinct tabulation device
- Open polls and print zero proof report
- Vote pre-defined voting pattern
- Closed polls and print results tapes
- Print audit logs
- Perform a 10% sample according to PA procedures
- Harvest permanent physical record example
- Load election results into EMS
- Print precinct summary and election summary reports
- Collect and analyze all data

## **Criteria for Evaluation of the Test Results:**

All intended selection input by the tester are recorded, stored and reported accurately.

<b>Test Case Identifier:</b> 12 – 25 P.S. § 3031.7(12) Penetration Analysis							
PA ST 25 P.S. § 3031.7	(12)	Provides	acceptable	ballot	security	procedures	and
Requirements:	impo	undment of	ballots to pr	event ta	mpering w	ith or substit	ution
	of an	y ballots or	ballot cards	•			

## **Test Objective:**

This area of testing will focus on the current documented procedures and configuration to ensure that the physical and access secure measures provide a determined level of security. *Depending on the scope of this project this may be performed by a third-party expert.* 

## **Test Configuration:**

The voting system will be configured as would be for a polling place with all security precautions in place.

#### **Test Method:**

The method for testing these requirements is defined as follows:

Test steps will be followed to evaluate the physical and access controls and procedures in place for the storage of voted ballots. This test will be performed by evaluating the system to ensure that all access areas and seals and/or locks provide adequate security from external access. The tester will:

- check all seal and/or locks and attempt to open the system
- verify that the ballot storage device is secure by attempting to insert and retrieve ballots without removing any seals and/or locks
- verify that any needed supplies can be accessed by the poll worker without allowing access to the ballots or internal components of the voting system
- verify that the system counter cannot be reset by any unauthorized person at any unauthorized point
- exercise verification of password security management

#### **Criteria for Evaluation of the Test Results:**

All intended access controls are in place and are sufficient.

**Comments:** The manufacturer presented a software feature that allowed the device to be lock. This feature logs the locking and unlocking of voting in the audit logs.

## Commonwealth of Pennsylvania State Certification – Review

List all reports provided by the manufacturer for review to meet the review requirements in the space provided below:

**Document I** – Election Systems & Software ES&S Unity 3.0 Voting System Hardware & Software ITA Qualification Report Changes from the ES&S Unity 2.5 Voting System ES&S Unity 3.0 Voting System Incorporating Election Data Manager, ES&S Image Manager, Data Acquisition Manager, Audit Manager, & Election Reporting Manager Real-time Audit Log Printer iVotronic M100 M650, Dated October 26, 2005

**Document II** – Election Systems & Software ES&S Unity 3.0.1.0 Voting System Hardware & Software ITA Qualification Report Incorporating Audit Manager, Election Data Manager, ES&S Ballot Image Manager, iVotronic Image Manager, Optech Image Manaer, Hardware Programming Manager, Data Acquisition Manager, Election Reporting Manager, Real-Time Audit Log Printer, Compact Flash Multi-Card Reader/Writer, iVotronic, M100, and M650, Rev 3 Dated March 9, 2006

**Document III** – <u>Electromagnetic Compatibility Verification Testing on the iVotronic Test Report No. 48489-12, Dated July 20, 2005</u>

**Document IV** - EMC Qualification Test Report for Election Systems and Software Voting System, iVotronics Test Report No. 060130-1007, Dated March 6, 2006

# 25 P.S. § 3031.5. Examination and approval of electronic voting systems by the Secretary of the Commonwealth

(a) Any person or corporation owning, manufacturing or selling, or being interested in the manufacture or sale of, any electronic voting system, may request the Secretary of the Commonwealth to examine such system if the voting system has been examined and approved by a federally recognized independent testing authority and if it meets any voting system performance and test standards established by the Federal Government. The costs of the examination shall be paid by the person requesting the examination in an amount set by the Secretary of the Commonwealth. Any ten or more persons, being qualified registered electors of this Commonwealth, may, at any time, request the Secretary of the Commonwealth to reexamine any electronic voting system theretofore examined and approved by him. Before any reexamination, the person, persons, or corporation, requesting such reexamination, shall pay to the Treasurer of the Commonwealth a reexamination fee of four hundred fifty dollars (\$450). The Secretary of the Commonwealth may, at any time, in his discretion, reexamine any such system therefore examined and approved by him. The Secretary of the Commonwealth may issue directives or instructions for implementation of electronic voting procedures and for the operation of electronic voting systems.

### ITA/ VSTL Reports

Report Title, Version and Date - <u>Election Systems & Software ES&S Unity 3.0 Voting System Hardware & Software ITA Qualification Report Changes from the ES&S Unity 2.5 Voting System ES&S Unity 3.0 Voting System Incorporating Election Data Manager, ES&S Image Manager, Data Acquisition Manager, Audit Manager, & Election Reporting Manager Real-time Audit Log Printer iVotronic M100 M650, Dated October 26, 2005</u>

Report Title, Version and Date – <u>Election Systems & Software ES&S Unity 3.0.1.0 Voting System Hardware & Software ITA Qualification Report Incorporating Audit Manager, Election Data Manager, ES&S Ballot Image Manager, iVotronic Image Manager, Optech Image Manaer, Hardware Programming Manager, Data Acquisition Manager, Election Reporting Manager, Real-Time Audit Log Printer, Compact Flash Multi-Card Reader/Writer, iVotronic, M100, and M650, Rev 3 Dated March 9, 2006</u>

Report Title, Version and Date – <u>Electromagnetic Compatibility Verification Testing on the iVotronic Test Report No. 48489-12, Dated July 20, 2005</u>

#### 25 P.S. § 3031.7 Requirement -

11) Is suitably designed for the purpose used, is constructed in a neat and workmanlike manner of durable material of good quality, is safely and efficiently useable in the conduct of elections and, with respect to the counting of ballots cast at each district, is suitably designed and equipped to be capable of absolute accuracy, which accuracy shall be demonstrated to the Secretary of the Commonwealth.

### Review of Product Safety Test or other similar test

Report Title – Election Systems & Software ES&S Unity 3.0.1.0 Voting System Hardware & Software ITA Qualification Report Incorporating Audit Manager, Election Data Manager, ES&S Ballot Image Manager, iVotronic Image Manager, Optech Image Manager, Hardware Programming Manager, Data Acquisition Manager, Election Reporting Manager, Real-Time Audit Log Printer, Compact Flash Multi-Card Reader/Writer, iVotronic, M100, and M650, Rev 3 Dated March 9, 2006

Section - 7.3 Attachment C - Index of Attachments, Attachment H5 Summary Test Report Electrical Safety Testing to UL 60950-1 Standard of Safety for Information Technology Equipment Compact Flash Card Programmer, Dated December 16, 2005

Page(s) - <u>33</u> , entire report
Paragraphs - Attachment H5 – Election-Systems(Electrical Safety Testing), entire report
Review of Accuracy Test
Report Title – Not Available
Section –
Page(s)
Paragraphs _

## 25 P.S. § 3031.7 Requirement -

(13) When properly operated, records correctly and computes and tabulates accurately every valid vote registered.

Review of Accuracy Test
Report Title – Not Available
Section –
Page(s) –
Paragraphs –
25 P.S. § 3031.7 Requirement -
(14) Is safely transportable.
Review of Hardware Environmental Tests
Report Title – Not Available
Section –
Page(s) –
Paragraphs –
25 P.S. § 3031.7 Requirement -
15) Is so constructed that a voter may readily learn the method of operating it.
Review of Usability Evaluation
Report Title – <u>Not Available</u>
Section –
Page(s)
Paragraphs –