

**COMMONWEALTH OF PENNSYLVANIA**

**TEST PROTOCOL**

**FOR**

**RE-EXAMINATION OF**

**EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.4**

**EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.5**

**EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.6**

**January 23, 2014**

**Harrisburg, Pennsylvania**

### **General Electronic Poll Book Requirements**

- The computer list shall be in a form prescribed and approved by the Secretary. (25 Pa. C.S. § 1402(b)(2)).
- For each election district, the list shall contain the names of the registered electors – alphabetically by last name. (25 Pa.C.S. § 1402(b)(2)).
- Each page of the list (or each screen) shall contain the name of the county. (25 Pa.C.S. § 1402(b)(2)).
- Each page of the list (or each screen) shall contain the election district. (25 Pa.C.S. § 1402(b)(2)).
- Each page of the list (or each screen) shall contain the date of the election. (25 Pa.C.S. § 1402(b)(2)).
- Each page of the list (or each screen) shall contain the date and time the list was prepared. (25 Pa.C.S. § 1402(b)(2)).

#### **The list must contain:**

- A legible signature. (25 Pa.C.S. § 1402(b)(2)).
- The street address. (25 Pa.C.S. § 1402(b)(2)).
- Political party of each registered elector. (25 Pa.C.S. § 1402(b)(2); 4 Pa. Code § 183.11(b)(3)).
- Suitable space for insertion of the signature of the registered elector. (25 P.S. § 3050(a.3); 25 Pa.C.S. § 1402(b)(2)).
- Suitable space for insertion by the proper election official of the number and letter of the stub of the ballot issued to the registered elector or the registered elector's number in the order of admission to the voting systems. (25 P.S. § 3050(a.3); 25 Pa.C.S. § 1402(b)(2)).
- Suitable space for insertion of the initials of the election official who enters the record of voting in the district register. (25 P.S. § 3050(a.3); 25 Pa.C.S. § 1402(b)(2)).
- Indication of whether the elector needs assistance to vote and, if so, the nature of the disability. (25 Pa.C.S. § 1402(b)(2)).

- The date of birth of the registrant. (4 Pa. Code § 183.11(b)(4)).
- The SURE registration number of the registrant. (4 Pa. Code § 183.11(b)(5)).
- An elector's affirmation appears above each signature section and contains the verbiage "I hereby certify that I am qualified to vote in this election." (25 P.S. § 3043).
- An indication of whether the registrant's status is active or inactive. (25 Pa.C.S. § 1901(c); 4 Pa. Code § 183.11(b)(6)).

Flags Required by the SURE System:

- For voters who are "Inactive," affirmation is required. (25 Pa.C.S. § 1901(c) and (d)(3); 4 Pa. Code § 183.11).
- "ID Required" - Indication of whether the voter needs to present voter identification. An elector who appears to vote in an election district for the first time must present valid voter identification. (25 P.S. § 3050(a)).
- "Absentee Ballot" – If an elector who voted an absentee ballot is in the municipality on Election Day, he or she must vote in the precinct, and the absentee ballot is voided. (25 P.S. § 3146.6(b)).
- "Must vote in person"- Indication of whether the voter needs to present voter identification if the elector votes for the first time by mail. (Federal: 42 U.S.C. § 15483(b)).

**ACCUVOTE TSX 4.6.4.106**

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.4

**Test Case Identifier:** Cardwriter Functional Verification (General Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions to properly be retrieved and presented to a voter in a General Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts from the "Pennsylvania Certification General Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None

<b>Step</b>	<b>Description</b>
<b>1000</b>	<p>From the Express Poll unit encode two voter access cards for each precinct in the General Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the first Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the second Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.4

**Test Case Identifier:** Cardwriter Functional Verification (Closed Primary Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions and party affiliation to properly be retrieved and presented to a voter in a Closed Primary Election.
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<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts and parties from the “Pennsylvania Certification Closed Primary Election.”
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<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
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<b>Special Procedural Requirements:</b>	None
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<b>Assumptions:</b>	None
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<b>Step</b>	<b>Description</b>
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<b>1000</b>	<p>From the Express Poll unit encode one voter access cards for each party and each precinct in the Closed Primary Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
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<b>1010</b>	<p>Insert the Democratic voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style for Democratic party for Precinct 1.</p> <p><i>Actual:</i></p>
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<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Democratic party for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
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<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
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<b>1040</b>	<p>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.</p>
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	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the Republican voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.5

**Test Case Identifier:** Cardwriter Functional Verification (General Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions to properly be retrieved and presented to a voter in a General Election.
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<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts from the "Pennsylvania Certification General Election."
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<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
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<b>Special Procedural Requirements:</b>	None
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<b>Assumptions:</b>	None
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<b>Step</b>	<b>Description</b>
<b>1000</b>	<p>From the Express Poll unit, encode two voter access cards for each precinct in the General Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the first Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the second Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.5

**Test Case Identifier:** Cardwriter Functional Verification (Closed Primary Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions and party affiliation to properly be retrieved and presented to a voter in a Closed Primary Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts and parties from the "Pennsylvania Certification Closed Primary Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None
<b>Step</b>	<b>Description</b>
<b>1000</b>	<p>From the Express Poll unit encode one voter access card for each party and each precinct in the Closed Primary Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the Democratic voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style for Democratic party for Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Democratic party for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the Republican voter access card for Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.6

**Test Case Identifier:** Cardwriter Functional Verification (General Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions to properly be retrieved and presented to a voter in a General Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts from the "Pennsylvania Certification General Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None

<b>Step</b>	<b>Description</b>
<b>1000</b>	<p>From the Express Poll unit, encode two voter access cards for each precinct in the General Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the first Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the second Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.6

**Test Case Identifier:** Cardwriter Functional Verification (Closed Primary Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions and party affiliation to properly be retrieved and presented to a voter in a Closed Primary Election.
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<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None
<b>Step</b>	<b>Description</b>
<b>1000</b>	<p>From the Express Poll unit encode one voter access card for each party and each precinct in the Closed Primary Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the Democratic voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style for Democratic party for Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Democratic party for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the Republican voter access card for Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

**ACCUVOTE TSX 4.7.8**

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.4

**Test Case Identifier:** Cardwriter Functional Verification (General Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions to properly be retrieved and presented to a voter in a General Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts from the "Pennsylvania Certification General Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None

Step	Description
<b>1000</b>	<p>From the Express Poll unit encode two voter access cards for each precinct in the General Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the first Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the second Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.4

**Test Case Identifier:** Cardwriter Functional Verification (Closed Primary Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions and party affiliation to properly be retrieved and presented to a voter in a Closed Primary Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts and parties from the "Pennsylvania Certification Closed Primary Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None

Step	Description
<b>1000</b>	<p>From the Express Poll unit encode one voter access cards for each party and each precinct in the Closed Primary Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the Democratic voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style for Democratic party for Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Democratic party for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the Republican voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.5

**Test Case Identifier:** Cardwriter Functional Verification (General Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions to properly be retrieved and presented to a voter in a General Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts from the "Pennsylvania Certification General Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None

<b>Step</b>	<b>Description</b>
<b>1000</b>	<p>From the Express Poll unit, encode two voter access cards for each precinct in the General Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the first Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the second Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.5

**Test Case Identifier:** Cardwriter Functional Verification (Closed Primary Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions and party affiliation to properly be retrieved and presented to a voter in a Closed Primary Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts and parties from the "Pennsylvania Certification Closed Primary Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None

Step	Description
<b>1000</b>	<p>From the Express Poll unit encode one voter access card for each party and each precinct in the Closed Primary Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the Democratic voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style for Democratic party for Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Democratic party for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the Republican voter access card for Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.6

**Test Case Identifier:** Cardwriter Functional Verification (General Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions to properly be retrieved and presented to a voter in a General Election.
<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts from the "Pennsylvania Certification General Election."
<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
<b>Special Procedural Requirements:</b>	None
<b>Assumptions:</b>	None

<b>Step</b>	<b>Description</b>
<b>1000</b>	<p>From the Express Poll unit, encode two voter access cards for each precinct in the General Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
<b>1010</b>	<p>Insert the first Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
<b>1040</b>	<p>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.</p>

	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the second Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	

## EXPRESSPOLL 5000 WITH EZROSTER V. 2.7.12.4 AND CARDWRITER 1.1.6

**Test Case Identifier:** Cardwriter Functional Verification (Closed Primary Election)

<b>Functional Requirements:</b>	The Express Poll 5000 card writing functionality must be able to program voter access card media with the proper keys to allow for ballot styles based on geographical subdivisions and party affiliation to properly be retrieved and presented to a voter in a Closed Primary Election.
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<b>Test Objective:</b> To determine if the card writer functionality of the Express Poll 5000 can properly write smart cards for voter access for one time use.	<b>Test Configuration:</b> Precinct tabulation device configured as described for normal election day operation by Pennsylvania procedures and/or the device manufacturer. A TSx unit will be loaded with all precincts and parties from the “Pennsylvania Certification Closed Primary Election.”
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<b>Test Equipment:</b>	Express Poll 5000, 10 voter access cards, TSx units
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<b>Special Procedural Requirements:</b>	None
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<b>Assumptions:</b>	None
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<b>Step</b>	<b>Description</b>
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<b>1000</b>	<p>From the Express Poll unit encode one voter access card for each party and each precinct in the Closed Primary Election.</p> <p><i>Expected:</i> The voter access cards can be programmed.</p> <p><i>Actual:</i></p>
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<b>1010</b>	<p>Insert the Democratic voter access card for Precinct 1 into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style for Democratic party for Precinct 1.</p> <p><i>Actual:</i></p>
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<b>1020</b>	<p>Use the designated method to advance the through the ballot. Observe the contests and candidates for Democratic party for Precinct 1 ballot style are displayed.</p> <p><i>Expected:</i> All contests and candidates are accurately displayed.</p> <p><i>Actual:</i></p>
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<b>1030</b>	<p>Use the designated method to navigate to the first contest and select the first candidate.</p> <p><i>Expected:</i> The TSx navigates to the first contest and the selection for the first candidate is input.</p> <p><i>Actual:</i></p>
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<b>1040</b>	<p>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.</p>
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	<p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1050</b>	<p>Remove the ejected voter access card or use the designated method to remove the used voter access card. Reinsert the used voter access card.</p> <p><i>Expected:</i> The TSx should give an indication that the voter access card has been used.</p> <p><i>Actual:</i></p>
<b>1060</b>	<p>Insert the Republican voter access card for Precinct 1 voter access card into the TSx.</p> <p><i>Expected:</i> The TSx accepts the voter access card and displays the ballot style of Precinct 1.</p> <p><i>Actual:</i></p>
<b>1070</b>	<p>Select the first candidate in every “1 of 1” race, the first N in every “N of M” race, and “Yes” for every Referendum race.</p> <p><i>Expected:</i> Every candidate can be input as described.</p> <p><i>Actual:</i></p>
<b>1080</b>	<p>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.</p> <p><i>Expected:</i> The precinct tabulation device advances to the “Ballot Review” screen after review and ballot is cast successfully.</p> <p><i>Actual:</i></p>
<b>1090</b>	<p>Repeat steps 1010- 1080 excluding step 1050 for each precinct.</p> <p><i>Expected:</i> Repeat 1010 _____  Repeat 1020 _____  Repeat 1030 _____  Repeat 1040 _____  Repeat 1060 _____  Repeat 1070 _____  Repeat 1080 _____</p>

	<i>Actual:</i>
<b>1100</b>	<p>Close the polls and print the closed polls report tape.</p> <p><i>Expected:</i> The polls closed and a report is printed.</p> <p><i>Actual:</i></p>
<b>1110</b>	<p>Review the closed polls report to ensure all selections input above are recorded and reported correctly.</p> <p><i>Expected:</i> The closed polls report presents the accumulated totals for the selections input above.</p> <p><i>Actual:</i></p>
<p><b>Criteria for Evaluation of the Test Results:</b> The intended selections input above are recorded, stored, and reported as input by the tester. The voter access cards are accepted and display the proper ballot style and cannot be reused.</p>	