

BOARD MEETING

Tuesday, September 15, 2020 James Monroe Building Conference Room C, D, & E

Video and Teleconference

Videoconference:

https://covaconf.webex.com/covaconf/j.php?MT ID=mlec2e819885a459fb910c3b442f89dfa

Meeting password: zfWWA8MHa38

Teleconference:

1-517-466-2023 US Toll 1-866-692-4530 US Toll-Free

Access Code: 171 730 7395

Richmond, VA

1:00 P.M.

SBE Board Working Papers



STATE BOARD OF ELECTIONS AGENDA

DATE: Tuesday, September 15, 2020
LOCATION: James Monroe Building
101 N. 14th St., Richmond, VA
Conference room C, D, & E
TELECONFERENCE:
+1-517-466-2023 US Toll
+1-866-692-4530 US Toll Free

Access code: 171 730 7395 VIDEO CONFERENCE:

https://covaconf.webex.com/covaconf/j.php?MTID=m1ec2 e819885a459fb910c3b442f89dfa Password: zfWWA8MHa38 <u>TIME:</u> 1:00 PM

I. CALL TO ORDER

Robert Brink, Chairman

II. APPROVAL OF MINUTES

A. April 3, 2020

B. August 4, 2020

Jamilah LeCruise, Secretary

III. COMMISSIONER'S REPORT

Christopher E. Piper Commissioner

IV. DEMTECH ELECTRONIC POLLBOOK CERTIFICATION

James Heo

Confidential Policy Advisor

V. STAND BY YOUR AD

1. Revised Schedule of Penalities

2. Stand By Your Ad Hearings

A. Arika Phillips For CCPS School Board (CC-19-00127)

B. Devito Kuchenbuch Election Campaign (CC-15-00047)

C. Floyd Miles

D. Friends of Virginia – (CC-19-00343)

E. Gilbert A. Smith

Arielle A. Schneider ELECT Policy Analyst

- F. Larry Snow
- G. Rob Tyler
- H. Southamptom County Democratic Committee
- I. Tyler House of Delegates (CC-12-01257)
- J. Gayle M. Gilmore (CC-20-00041)
- K. Linwood W. Johnson, III
- **L.** Tony Buffington (CC-14-00363)

VI. PUBLIC COMMENT

VII. CLOSED SESSION

NOTE: Public comment will be offered prior to Board action, but comments will be limited to the specific agenda item in question. An open public comment period will be offered prior to adjournment. Members of the public participating virtually who wish to give public comment on any of the agenda items may do so; if using WebEx, by using the raise hands feature, or if by phone, identifying themselves when the Chair opens the floor to those members of the public attending via telephone. Due to Social distancing guidelines, we are limited to 24 seats to the public. A face mask is required to enter the building.



Approval of Minutes

BOARD WORKING PAPERS Secretary LeCruise 1

The State Board of Elections ("the Board") meeting was held by electronic 2 communication on Friday, April 3, 2020. Robert Brink, Chairman, John 3 O'Bannon, Vice Chairman, and Jamilah LeCruise, Secretary, represented the State 4 Board of Elections ("the Board"). Christopher E. "Chris" Piper, Commissioner, 5 represented the Department of Elections ("ELECT"). Carol Lewis represented the 6 Office of the Attorney General ("OAG"). Chairman Brink called the meeting to 7 order at 11:03 A.M. 8 Chairman Brink informed the Board that on March 12, 2020, Governor 9 Ralph S. Northam declared that a state of emergency exists in the Commonwealth 10 as the result of the potential spread of COVID-19, a communicable disease 11 presenting a threat to public health. On March 30, 2020, the Governor issued an 12 executive order requiring all individuals in Virginia to remain at their place of 13 residence, with certain enumerated exceptions. Accordingly, the State Board of 14 Elections is meeting by electronic communication means through this video 15 conference. 16 The purpose of the meeting is to follow the directives included in the 17 Governor's Declaration to implement government mitigation operations and 18 activities to return the Commonwealth to its pre-event conditions as much as 19 possible. No non-essential, non-time sensitive matters are on the agenda. 20

The first order of business is the Drawing for the June Primary Ballot Order 21 presented by Christopher E. Piper, Commissioner. The Chairman explained to the 22 Board that under Virginia Code § 24.2-529, in the event two or more candidates 23 file simultaneously, the order of filing is required to be determined by the State 24 Board. Failure of the Board to act at this time would result in irrevocable public 25 harm inasmuch as the ballot order must be determined for ballots to be printed 26 prior to the 45-day deadline required under the federal and state law. Chairman 27 Brink advised the Board that there are two simultaneous filings. The Chairman 28 informed the Board the U.S House of Representative nominees are, in the 2nd 29 Congressional District are Ben Loyola and Scott Taylor; Republican and in the 5th 30 Congressional District are Roger Huffstetler and Jarome Bell, Democratic. 31 Chairman Brink asked Commissioner Piper to conduct the drawing of names 32 on behalf of the Board through video conference. The ballot order for the 33 Republican party is as follows: 34 1. Ben Loyola, Jr. 35

- 36 2. Scott Taylor
- The ballot order for the Democratic party is as follows:
- 1. Roger Huffstetler, Jr.
- 39 2. Jarome Bell

- 40 Vice Chair O'Bannon moved that the Board certify the determinations by lot of the
- order of candidates on the ballot for primary elections to be held on June 09, 2020.
- Secretary LeCruise seconded the motion, and the motion passed unanimously. A
- roll call vote was taken:
- 44 Vice Chair O'Bannon aye
- 45 Chairman Brink aye
- 46 Secretary LeCruise aye
- The next order of business is the Consideration of a Candidate Filing
- Extension pursuant to section § 24.2-503 of the Virginia Code presented by Dave
- Nichols, Director of Election Services. Mr. Nichols informed the Board that one
- candidate failed to provide the 501-Statement of Organization form by the
- deadline, and has since filed pending the approval of the Board. *This memo is in*
- the Working Papers for the April 3, 2020 meeting. Vice Chair O'Bannon asked Mr.
- Nichols to provide the details of the candidate. Mr. Nichols informed the Board
- that the candidate's name is Jarome Bell. Vice Chair O'Bannon moved that the
- Board grant an extension pursuant to Virginia Code § 24.2-503 for candidates to
- 56 file the statement of qualifications in relation to the June Primary election.
- 57 Secretary LeCruise seconded the motion, and the motion passed unanimously. A
- roll call vote was taken:
- 59 Chairman Brink aye

60	Vice Chair O'Bannon – aye
61	Secretary LeCruise – aye
62	Chairman Brink addressed the Board and asked if they wanted to provide
63	any comments. Vice Chair O'Bannon asked Commissioner Piper if he could
64	provide any information on the status of the COVID-19 Pandemic. Commissioner
65	Piper informed the Board that once more information is provided from the
56	Governor's office, it will be shared. Secretary LeCruise moved that the Board
67	adjourn the meeting. Vice Chair O'Bannon seconded the motion, and the motion
68	passed unanimously. A roll call vote was taken:
69	Chairman Brink – aye
70	Vice Chair O'Bannon – aye
71	Secretary LeCruise –aye
72	
73	The meeting adjourned at approximately 11:18 A.M.
74	
75	
76 77	Chairman
78 79 80	Vice Chairman
31 32	Secretary

The State Board of Elections ("the Board") meeting was held by 2 electronic communication on Tuesday, August 4, 2020. Robert Brink, Chairman, 3 John O'Bannon, Vice Chairman, and Jamilah LeCruise, Secretary, represented 4 the State Board of Elections ("the Board"). Christopher E. "Chris" Piper, 5 Commissioner and Jessica Bowman, Deputy Commissioner, represented the 6 Department of Elections ("ELECT"). Carol Lewis and Heather Hays Lockerman 7 represented the Office of the Attorney General ("OAG"). Chairman Brink called 8 the meeting to order at 1:01 P.M. 9

Chairman Brink informed the Board that due to circumstances of the 10 weather, the August 4, 2020 Board meeting was converted to electronic only. 11 Chairman Brink informed the Board that on March 12, 2020, Governor Ralph S. 12 Northam declared that a state of emergency exists in the Commonwealth as 13 the result of the potential spread of COVID-19, a communicable disease 14 presenting a threat to public health. On March 30, 2020, the Governor issued 15 an executive order requiring all individuals in Virginia to remain at their place 16 of residence, with certain enumerated exceptions. 17

This meeting was conducted consistent with the requirements for
electronic meetings by public bodies set forth in Items 4-0.01 of House Bills 29
and 30, as passed by the General Assembly ("GA") and signed by the Governor
in April of this year. The purpose of the meeting is to transact the statutorily
required business of the Board. Chairman Brink stated that the Board would
receive public comments on agenda items prior to its action on that item, and
an open public comment period would be offered prior to adjournment.

The first item of business was the approval of the minutes presented by Secretary LeCruise. Secretary LeCruise moved that the Board approve the minutes from the July 7, 2020 Board meeting. Vice Chair O'Bannon seconded the motion, and the motion passed unanimously. A roll call vote was taken:

- Chairman Brink Aye
- 30 Vice Chair O'Bannon Aye

25

26

27

28

29

- Secretary LeCruise Aye
- The next item of business was the Commissioner's Report presented by
 Commissioner Piper. Commissioner Piper informed the Board of the timeline
 of absentee balloting. The Commissioner stated that the deadline for

independent candidates to qualify to appear on the ballot for President of the
United States is August 21, 2020. The Commissioner stated that once the
candidate names have been approved, the localities would draft their ballot
proofs and send each to ELECT for review. Commissioner Piper informed the
Board that the deadline for mailing absentee ballots in response to
applications already submitted and approved, is September 18th or
September 19th, depending on the locality.

Commissioner Piper stated that Virginia is focused on voter education, and that ELECT has provided many voting options for voters to cast their ballots. Commissioner Piper explained that voters can vote on Election Day, vote absentee in-person during the 45 days before the election, or vote by an absentee ballot returned by mail. The Commissioner informed the Board that Virginia anticipates an increased percentage of absentee ballots will be requested for the November 2020 election.

Commissioner Piper advised the Board that ELECT has set aside CARES

Act funds for Personal Protective Equipment, and provided a portion to

localities to prepare for the elections due to COVID-19. The Commissioner

informed the Board that many localities are utilizing the funds to increase staffing, open additional satellite offices, and purchase additional mail processing equipment. Commissioner Piper stated the highest percentage of voters in the Commonwealth voting absentee by-mail was in November 2016, when 6% of the 4 million Virginians who voted did so by absentee returned by mail. The Commissioner added that voting absentee would be a new experience for many voters, due to COVID-19.

Commissioner Piper informed the Board that ELECT is preparing to provide voter education on how to apply for, complete and return absentee ballots, and encouraging the early submission of ballots. The Commissioner informed the Board that they would be receiving information on regulatory action today and introduced new employee Dreana Gilliam, Elections Administrator. Chairman Brink asked Commissioner Piper if ELECT would assist localities in conducting local voter education. Commissioner Piper informed the Board that ELECT will help any locality wanting assistance with their voter education.

The next item of business was the Party Abbreviations, presented by Paul Saunders, Elections Administration Supervisor. *This report is in the Working Papers for the August 4, 2020 meeting.* Secretary LeCruise moved *that the Board approve the party abbreviations as presented by staff for general and special elections being held through April 30, 2021. Vice Chair O'Bannon seconded the motion, and the motion passed unanimously.* A roll call vote was taken:

- 75 Chairman Brink Aye
- 76 Vice Chair O'Bannon Aye
- 77 Secretary LeCruise Aye
- The next item of business was the Regulatory Actions: Voter Registration
 Repeal of 1VAC20-40-90 presented by Samantha Buckley, Policy Analyst. *This*report is in the Working Papers for the August 4, 2020 meeting. Secretary
 LeCruise moved that the Board repeal 1VAC20-40-90. Vice Chair O'Bannon
 seconded the motion, and the motion passed unanimously. A roll call vote was
 taken:
- 84 Chairman Brink Aye

- Vice Chair O'Bannon Aye
- Secretary LeCruise Aye
- The next item of business was the Regulatory Action: Voter Registration
- amendments to 1VAC20-40-10 presented by Samantha Buckley, Policy
- 89 Analyst. This report is in the Working Papers for the August 4, 2020 meeting.
- 90 Secretary LeCruise moved that the Board approve the amendments to 1VAC20-
- 91 40-10. Vice Chair O'Bannon seconded the motion, and the motion passed
- unanimously. A roll call vote was taken:
- 93 Chairman Brink Aye
- 94 Vice Chair O'Bannon Aye
- 95 Secretary LeCruise Aye
- The next item of business was the Regulatory Actions: Intelligent Mail
- Barcodes (IMBs) on Absentee Return Envelopes presented by Danny
- Davenport, Policy Analyst. This report is in the Working Papers for the August 4,
- 2020 meeting. Chairman Brink asked how many localities provide the IMB on
- the envelope. Mr. Davenport stated that all localities have the IMB on the
- outside of the envelope, but as of now, 48 localities have provided the IMB on

the return envelope. Secretary LeCruise moved that the Board approve the

Department's proposal for regulatory action requiring intelligent mail barcodes
on absentee ballot envelopes and absentee ballot return envelopes. Vice Chair

O'Bannon seconded the motion, and the motion passed unanimously. A roll
call vote was taken:

107 Chairman Brink – Aye

Vice Chairman –Aye

Secretary LeCruise – Aye

The next item of business was the Regulatory Actions: Processing

Absentee Ballots with Missing or no Postmark, presented by Danny Davenport,

Policy Analyst. *This report is in the Working Papers for the August 4, 2020*meeting.

Chairman Brink stated that the window to put a ballot in the mail on a Wednesday and received by Friday at Noon is narrow. Commissioner Piper informed the Board that the Voting Education campaign clearly states that the deadline to mail and return absentee ballot is postmarked by Tuesday, Election Day.

Chairman Brink opened the floor to public comment. Clara Bell Wheeler,
a former member of the State Board of Elections, and Renee Andrews,
Secretary of the City of Falls Church, addressed the Board. Secretary LeCruise
moved that the Board approve the Department's proposal for regulatory action
related to processing absentee ballots with missing or no postmark. Chairman
Brink seconded the motion, and the motion passed 2-1. A Roll call vote was
taken:

- Chairman Brink Aye
- 127 Vice Chair O'Bannon Nay

126

129

130

131

132

133

134

135

Secretary LeCruise – Aye

The next item of business was the Regulatory Actions: Mandatory Logic and Accuracy Testing for Electronic Pollbooks, presented by Danny Davenport, Policy Analyst. *This report is in the Working Papers for the August 4, 2020 meeting.* Vice Chair O'Bannon moved that the Board approve the Department's proposal for regulatory action to require mandatory logic and accuracy testing for electronic pollbooks. Secretary LeCruise seconded the motion, and the motion passed unanimously. A roll call vote was taken:

Chairman Brink - Aye 136 Vice Chairman O'Bannon – Aye 137 Secretary LeCruise - Aye 138 The next item of business was the Regulatory Action: (Amendments) 139 Overfull Optical Scan Ballot Container. This report is in the Working Papers for 140 the August 4, 2020 meeting. Chairman Brink opened the floor for public 141 comment. Jean Thoensen, of the public, and Walt Latham, of York County, and 142 Clara Bell Wheeler, former member of the State Board of Elections, addressed 143 the Board. Vice Chair O'Bannon moved that the Board approve the 144 Department's proposal for regulatory action related to 1VAC20-60-50, Overfull 145 Optical Scan Ballot Containers. Secretary LeCruise seconded the motion, and 146 the motion passed unanimously. A roll call vote was taken: 147 Chairman Brink - Aye 148 Vice Chairman – Aye 149 Secretary LeCruise – Aye 150 Chairman Brink opened the floor to public comment. 151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

The Chairman stated that in February of 2020, the Chairman of Spotsylvania County Republican Committee contacted him in regards to a member of the Electoral Board. Chairman Brink announced that the Board would go into Closed Session. At 2:04 P.M., Secretary LeCruise moved that the Board go into closed session for the purpose of consultation with legal counsel and briefings by staff members or consultants for the purpose of receiving legal advice concerning the request to remove a member of the Spotsylvania Electoral Board, as authorized by Section 2.2-3711(A)(8) of the Code of Virginia. In accordance with Virginia Code Section 2.2-3712(F), Carol Lewis and Heather Hays Lockerman from the Office of the Attorney General, as well as Christopher Piper, Commissioner of Elections, Jessica Bowman, Deputy Commissioner, Daniel Persico, Chief Information Officer, and Arielle A. Schneider, Policy Analyst will attend the closed session because their presence will reasonably aid the Board in its consideration of the subject of the meeting. Vice Chair O'Bannon seconded the motion, and the motion passed unanimously. A roll call vote was taken:

Secretary LeCruise – Aye

169	Vice Chair O'Bannon – Aye
170	Chairman Brink – Aye
171	At 2:35 P.M., Vice Chair O'Bannon moved to reconvene in open session,
172	and take a roll call vote certifying that to the best of each member's knowledge
173	(i) only such public business matters lawfully exempted from open meeting
174	requirements under this chapter and (ii) only such public business matters as
175	were identified in the motion by which the closed meeting was concerned were
176	heard, discussed, or considered. A roll call vote was taken:
177	Chairman Brink – Aye
178	Vice Chair O'Bannon – Aye
179	Secretary LeCruise – Aye
180	Vice Chair O'Bannon moved to adjourn the meeting. Secretary LeCruise
181	seconded the motion, and the motion passed unanimously. The meeting
182	adjourned at approximately 2:40 P.M.
183	
184	
185	



Commissioner's Report

BOARD WORKING PAPERS Christopher E. Piper Commissioner



DEMTECH Electronic Pollbook Certification

BOARD WORKING PAPERS

James Heo

Confidential Policy Advisor

Memorandum

To: Chairman Brink, Vice Chair O'Bannon and Secretary LeCruise

From: James Heo, Confidential Policy Advisor

Date: September 15, 2020

Re: DemTech Centerpoint ePollTab - Electronic Pollbook Certification

Suggested motion for Board Member to make:

I move that the Board certify the use of Centerpoint ePollTab 1.0 in elections in the Commonwealth of Virginia, pursuant to the *State Certification of Electronic Pollbooks: Requirements and Procedures*.

Applicable Code Section: § 24.2- Chapter 7 - 1, 4, 4.1 **Attachments:**

Your Board materials include the following:

- DemTech Centerpoint ePollTab 1.0 Certification Test Report provided by SLI Compliance Lab
- Loudoun County August 27, 2020 Mock Election Correspondence
- Virginia State Certification of Electronic Pollbook Requirements and Procedures

Background:

Following the steps prescribed in the Virginia State Certification of Electronic Pollbook: Requirements and Procedures, DemTech initiated the certification evaluation to the Department of Elections on June 22, 2020. DemTech provided their Technical Data Package and Corporate Information (required under step 2 of the Requirements and Procedures). Both of these submissions were deemed complete and in sufficient detail to warrant Step 3, the Preliminary Review. During the preliminary review, the state-designated evaluation agent conducted a preliminary analysis of the TDP, Corporate Information, and other materials provided and prepared an Evaluation Proposal (i.e. Test Plan). Upon DemTech agreement with the test plan and the SOW, the testing/evaluation was conducted on August 25, 2020 through August 27, 2020, at the SLI facilities in Wheat Ridge, Colorado. In addition, the system was successfully tested in a Mock Election in Loudoun County on August 27, 2020. The DemTech Centerpoint ePollTab 1.0 electronic pollbook successfully completed Virginia Electronic Pollbook State Certification.

Test Report

DemTech CenterPoint ePollTAB v1.0 Electronic Poll Book

Testing to Commonwealth of Virginia Requirements

September 3rd, 2020

Version 1.0

Prepared By: SLI Compliance

4720 Independence Street

Wheat Ridge, Colorado 80033

Contents

1	Aut	hority	6
2	Ref	erences	6
3	Tes	ting Overview	6
4	Tes	ting Summary	6
	4.1	Test Case Identifier: T0001: 24.2-404(A7)	6
	4.2	Test Case Identifier: T0002: 24.2-406(C)	7
	4.3	Test Case Identifier: T0003: 24.2-531, 24.2-668(C).I	7
	4.4	Test Case Identifier: T0004: 24.2-611(B).I	7
	4.5	Test Case Identifier: T0005: 24.2-611(B).II	7
	4.6	Test Case Identifier: T0006: 24.2-611(B).III.Notate	7
	4.7	Test Case Identifier: T0007: 24.2-611(B).III.ListAndCount	8
	4.8	Test Case Identifier: T0008: 24.2-611(C)	8
	4.9	Test Case Identifier: T0009: 24.2-653, 24.2-611(E).I	8
	4.10	Test Case Identifier: T0010: 24.2-653, 24.2-611(E).II	8
	4.11	Test Case Identifier: T0011: 24.2-651.1, 24.2-651.I	9
	4.12	Test Case Identifier: T0012: 24.2-651.1, 24.2-651.II.NotRegularVoter	9
	4.13	Test Case Identifier: T0013: 24.2-651.1, 24.2-651.II.NoSoftwareUpdate	9
	4.14	Test Case Identifier: T0014: 24.2-651.1	9
	4.15	Test Case Identifier: T0015: 24.2-653, 24.2-651.1.I	10
	4.16	Test Case Identifier: T0016: 24.2-653, 24.2-651.1.II.Voted	10
	4.17	Test Case Identifier: T0017: 24.2-653, 24.2-711.II, 24.2-651.1.II.Absentee	10
	4.18	Test Case Identifier: T0018: 24.2-668(C).II	10
	4.19	Test Case Identifier: T0019: 24.2-668(C).III	10
	4.20	Test Case Identifier: T0020: 24.2-711.I	11
	4.21	Test Case Identifier: T0021: Check-In Cancellation.I.Non-Supervisor role	11
	4.22	Test Case Identifier: T0022: Check-In Cancellation.I.Supervisor role	11
	4.23	Test Case Identifier: T0023: Check-In Cancellation.I	11
	4.24	Test Case Identifier: T0024: Inactive Voter.I	11
	4.25	Test Case Identifier: T0025: Inactive Voter.II	12
	4.26	Test Case Identifier: T0026: Inactive Voter.III	12
	4.27	Test Case Identifier: T0027: ePollbook Address Look-up.I	12

Test Report v1.0

DemTech CenterPoint ePollTAB v1.0 Electronic Poll Book

4.28	Test Case Identifier: T0028: ePollbook Address Look-up.II	12
4.29	Test Case Identifier: T0029: Voter Lookup Capabilities, Data Types	12
4.30	Test Case Identifier: T0030: Voter Lookup Capabilities, Filtered Searches	13
4.31	Test Case Identifier: T0031: Voter Lookup Capabilities, Additional Advanced Search Capabilities	lities
4.32	Test Case Identifier: T0032: Separate Elections	13
4.33	Test Case Identifier: T0033: On-Screen Instruction and Message Configuration Capabilitie	s 13
4.34	Test Case Identifier: T0034: Document Name Configuration	14
4.35	Test Case Identifier: T0035: Workflow Automation/Customization	14
4.36	Test Case Identifier: T0036: Continuous Check-In Count	14
4.37	Test Case Identifier: T0037: Continuous Check-In Count, Network	14
4.38	Test Case Identifier: T0038: Verification	15
4.39	Test Case Identifier: T0039: Ease of Functionality, Reports	15
4.40	Test Case Identifier: T0040: Retrieval of Voter Information.I	15
4.41	Test Case Identifier: T0041: Retrieval of Voter Information.II	15
4.42	Test Case Identifier: T0042: Retrieval of Voter Information.III	16
4.43	Test Case Identifier: T0043: Reports	16
4.44	Test Case Identifier: T0044: Barcodes.l	16
4.45	Test Case Identifier: T0045: Barcodes.II	16
4.46	Test Case Identifier: T0046: Barcodes.III	16
4.47	Test Case Identifier: T0047: Voting System Not Required.I	17
4.48	Test Case Identifier: T0048: Voting System Not Required.II	17
4.49	Test Case Identifier: T0049: Network Interruption.I	17
4.50	Test Case Identifier: T0050: Network Interruption.II	17
4.51	Test Case Identifier: T0051: Network Interruption.III	17
4.52	Test Case Identifier: T0052: Performance Report	18
4.53	Test Case Identifier: T0053: Add or Remove Units	18
4.54	Test Case Identifier: T0054: Power	18
4.55	Test Case Identifier: T0055: Low Power Message	18
4.56	Test Case Identifier: T0056: ""Voter Not Counted"" Error Message	18
4.57	Test Case Identifier: T0057: Peripheral Connectivity Indicator	19
4.58	Test Case Identifier: T0058: Errors	19

Test Report v1.0

DemTech CenterPoint ePollTAB v1.0 Electronic Poll Book

4.59	Test Case Identifier: T0059: Clean Wipe.I	19
4.60	Test Case Identifier: T0060: Clean Wipe.II	19
4.61	Test Case Identifier: T0061: Clean Wipe.III	19
4.62	Test Case Identifier: T0062: Internet Connectivity	20
4.63	Test Case Identifier: T0063: Encryption.I.Data	20
4.64	Test Case Identifier: T0064: Encryption.II.Audit	21
4.65	Test Case Identifier: T0065: Authentication	21
4.66	Test Case Identifier: T0066: System Administrator/Network Administrator	21
4.67	Test Case Identifier: T0067: Hardening.I	22
4.68	Test Case Identifier: T0068: Hardening.II	22
4.69	Test Case Identifier: T0069: Ports and Connected Devices	23
4.70	Test Case Identifier: T0070: Data Synchronization.I	23
4.71	Test Case Identifier: T0071: Data Synchronization.II	23
4.72	Test Case Identifier: T0072: Data Synchronization.III	23
4.73	Test Case Identifier: T0073: Data Synchronization.IV	23
4.74	Test Case Identifier: T0074: Data Transfer Outside Approved Network	24
4.75	Test Case Identifier: T0075: Wireless Activation Notification	24
4.76	Test Case Identifier: T0076: Transaction Logging and Audit Reports.I	24
4.77	Test Case Identifier: T0077: Transaction Logging and Audit Reports.II	25
4.78	Test Case Identifier: T0078: Transaction Logging and Audit Reports.III	25
4.79	Test Case Identifier: T0079: Reconciliation of Data Load to EPB.I	26
4.80	Test Case Identifier: T0080: Reconciliation of Data Load to EPB.II	26
4.81	Test Case Identifier: T0081: Compliance	26
4.82	Test Case Identifier: T0082: DoD 5220.22-M wiping standard	27
4.83	Test Case Identifier: T0083: Encryption and SHA256 FIPS compliant	27
4.84	Test Case Identifier: T0084: Commonwealth Information Security Standards	27
4.85	Test Case Identifier: T0085: SBE Policies, Guidelines, Directives	27
4.86	Test Case Identifier: T0086: Security Best Practices for Internet Connectivity	28
4.87	Test Case Identifier: T0087: Cloud Service Provider	28
4.88	Test Case Identifier: T0088: CSP SLA	28
4.89	Test Case Identifier: T0089: VPN Connection	28
4.90	Test Case Identifier: T0090: Mobile Devices	29

Test Report v1.0

567

DemTech CenterPoint ePollTAB v1.0 Electronic Poll Book

4.91	Test Case Identifier: 10091: ToAndFromCloud	29
4.92	Test Case Identifier: T0092: CSP is NIST certified	29
4.93	Test Case Identifier: T0093: Hardware Schematic Diagrams	29
4.94	Test Case Identifier: T0094: Hardware Theory of Operations	30
4.95 conne	Test Case Identifier: T0095: System architecture with network and infrastructure ectivity	30
4.96	Test Case Identifier: T0096: Software System Design	30
4.97	Test Case Identifier: T0097: Software and Firmware Source Code	30
4.98	Test Case Identifier: T0098: Independent Third-Party Application Penetration Analysis Repo	rt
4.99	Test Case Identifier: T0099: Customer Maintenance, Repair & Troubleshooting Manual	31
4.100	Test Case Identifier: T0100: Operations Manual	31
4.101	Test Case Identifier: T0101: User Guide and Documents	31
4.102	Test Case Identifier: T0102: Recommended Security Practices	31
4.103 Agreer	Test Case Identifier: T0103: Standard Contract, Product Support and Service Level ment (SLA)	31
4.104	Test Case Identifier: T0104: Maintenance Services, Pricing and Financing Options	32
4.105	Test Case Identifier: T0105: Warranty	32
4.106	Test Case Identifier: T0106: Software License Agreement	32
4.107	Test Case Identifier: T0107: Test Data and Software	32
4.108	Test Case Identifier: T0108: Non-Disclosure Agreement, if applicable	32
Test	ing Setup	33
Find	lings	33
Con	clusions	35

1 Authority

SLI Compliance was contracted to test the DemTech CenterPoint ePollTAB v1.0 ePoll Book to the appropriate VA Electronic Pollbooks Certification Standards and test cases, as outlined below.

Disclaimer

The information reported herein must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

All testing conducted for this engagement has been done outside of the U.S. Election Assistance Commission's (EAC) Test and Certification Program. In no way does this test report represent an EAC certification against the Voluntary Voting System Guidelines (VVSG) or any other standard.

2 References

The following key documents were used in this examination include:

- Commonwealth of Virginia 2019 EPB Test Cases v3
- Virginia Electronic Pollbook final standards 2020

3 Testing Overview

The examination of DemTech CenterPoint ePollTAB v1.0 Poll Book was designed to achieve the goals set forth in the requirements and test cases provided by the Commonwealth. The examination consisted of verifying pertinent documentation, when called for by a given requirement/test case, as well as functional verification of features and capabilities prescribed in the Commonwealth's requirements.

4 Testing Summary

The examination consisted of 108 test cases, which addressed the testing goals, and subsequent results in the following way:

4.1 Test Case Identifier: T0001: 24.2-404(A7)

VA.S. § 24.2-404(A7) - The EPB must display the voter's birth year, but no other birthday information.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book displays the voter's birth year, but no other birthday information.

4.2 Test Case Identifier: T0002: 24.2-406(C)

VA.S. § 24.2-406(C) - The EPB cannot have a field to display partial or complete Social Security Numbers.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book does not display partial or complete Social Security Numbers.

4.3 Test Case Identifier: T0003: 24.2-531, 24.2-668(C).I

VA.S. § 24.2-531, 24.2-668(C).I - The EPB provides a report that can be filtered by party. (Not required to be able to be generated at the polling place. Required to be able to be generate at the GR's office.)

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book summary report can produce filtered reports by party on the CenterPoint laptops.

4.4 Test Case Identifier: T0004: 24.2-611(B).I

VA.S. § 24.2-611(B).I - The EPB provides an input field to record name and consecutive number of a voter when they present themselves to vote.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book provides a name input field and consecutive numbers at voter check-in

4.5 Test Case Identifier: T0005: 24.2-611(B).II

VA.S. § 24.2-611(B).II - The EPB shall automatically enter consecutive numbers from a given starting point.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can enter consecutive numbers from its starting point after check-in

4.6 Test Case Identifier: T0006: 24.2-611(B).III.Notate

VA.S. § 24.2-611(B).III.Notate - The EPB System shall have the ability to indicate whether a voter voted "Outside Polls". The operator shall be allowed to notate independently or in conjunction with other notations set forth in these requirements. The EPB System shall have the ability to provide listings and counts of such voters.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can notate that a voter has voted "Outside Polls"

4.7 Test Case Identifier: T0007: 24.2-611(B).III.ListAndCount

VA.S. § 24.2-611(B).III.ListAndCount - The EPB System shall have the ability to indicate whether a voter voted "Outside Polls". The operator shall be allowed to notate independently or in conjunction with other notations set forth in these requirements. The EPB System shall have the ability to provide listings and counts of such voters.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can provide listings and counts of "Outside Polls" voters.

4.8 Test Case Identifier: T0008: 24.2-611(C)

VA.S. § 24.2-611(C) - The EPB must produce an audit log that records data of accurate and secure record of those who have voted, that has been successfully transferred.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book contains an audit log with the accurate records of those who have voted and been transferred.

4.9 Test Case Identifier: T0009: 24.2-653, 24.2-611(E).I

VA.S. § 24.2-653, 24.2-611(E).I - The EPB must be able to produce a data output in a format deemed necessary by the Commonwealth of Virginia.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can produce data in an acceptable format for the Commonwealth of Virginia.

4.10 Test Case Identifier: T0010: 24.2-653, 24.2-611(E).II

VA.S. § 24.2-653, 24.2-611(E).II - The EPB must maintain data preservation and redundancy so in the case where the EPB becomes inoperable the data that has been input can be retrieved.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can provide redundancies in and preservation of the data allowing data to be retrieved from inoperable EPB

4.11 Test Case Identifier: T0011: 24.2-651.1, 24.2-651.I

VA.S. § 24.2-651.1, 24.2-651.1 - The EPB must have the capability to display an indication that a voter has been challenged.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can display challenge indicator for a voter

4.12 Test Case Identifier: T0012: 24.2-651.1, 24.2-651.II.NotRegularVoter

VA.S. § 24.2-651.1, 24.2-651.II.NotRegularVoter - The EPB must have the functionality to identify a voter that cannot be processed as a regular voter (such as wrong location)

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can identify non-regular voters who cannot be processed as regular voters.

4.13 Test Case Identifier: T0013: 24.2-651.1, 24.2-651.II.NoSoftwareUpdate

VA.S. § 24.2-651.1, 24.2-651.II.NoSoftwareUpdate - The EPB must have the functionality to identify a voter that cannot be processed as a regular voter. This functionality has to be configurable so that the election day reasons can be updated without a software update.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can update voter registration without requiring a software update.

4.14 Test Case Identifier: T0014: 24.2-651.1

VA.S. § 24.2-651.1 - The name of required document must be pre-loaded in EPB. Poll worker must be able to select from the voter check-in screen the name of document that the voter is required to sign.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can reference the name of documents from a list that the voter is required to sign.

4.15 Test Case Identifier: T0015: 24.2-653, 24.2-651.1.I

VA.S. § 24.2-653, 24.2-651.1.I - The EPB must disable all check in options if the voter's status is VOTED.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book disables all check-in options when a voter has the status of VOTED.

4.16 Test Case Identifier: T0016: 24.2-653, 24.2-651.1.II.Voted

VA.S. § 24.2-653, 24.2-651.1.II.Voted - The EPB must require a supervisor control to change the voter status from VOTED or another status

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book requires supervisor access to change a voter's VOTED status to something else.

4.17 Test Case Identifier: T0017: 24.2-653, 24.2-711.II, 24.2-651.1.II.Absentee

VA.S. § 24.2-653, 24.2-711.II, 24.2-651.1.II.Absentee - The EPB must require a supervisor control to add the absentee status.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book requires supervisor access to add absentee status

4.18 Test Case Identifier: T0018: 24.2-668(C).II

VA.S. § 24.2-668(C).II - All reports produced by the EPB must contain election identification information.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can provide reports with election identification information

4.19 Test Case Identifier: T0019: 24.2-668(C).III

VA.S. § 24.2-668(C.III - The removable media must be able to be sealed, transportable, and retain information as required.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book contains a micro SD card that will retain information as it is sealed and transported.

4.20 Test Case Identifier: T0020: 24.2-711.I

VA.S. § 24.2-711.I - The EPB must notify and provide user instructions for absentee and early voters.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can display instructions for absentee and early voters.

4.21 Test Case Identifier: T0021: Check-In Cancellation.I.Non-Supervisor role

VA.S. § Check-In Cancellation.I.Non-Supervisor role - The EPB must have the ability to cancel a voter check-in, which requires Supervisor controls.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book will not allow check-in cancellation without supervisor controls.

4.22 Test Case Identifier: T0022: Check-In Cancellation.I.Supervisor role

VA.S. § Check-In Cancellation.I.Supervisor role - The EPB must have the ability to cancel a voter check-in, which requires Supervisor controls.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book requires supervisor controls to allow voter check-in cancellation.

4.23 Test Case Identifier: T0023: Check-In Cancellation.I

VA.S. § Check-In Cancellation.I - The EPB must provide the ability to select a reason for cancellation.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can be configured to require selecting a reason when a voter check-in is cancelled.

4.24 Test Case Identifier: T0024: Inactive Voter.I

VA.S. § Inactive Voter.I - The EPB must have the functionality to identify a voter that cannot be processed as a regular voter.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can identify non-regular voters who require a different process to check in

4.25 Test Case Identifier: T0025: Inactive Voter.II

VA.S. § Inactive Voter.II - The EPB displays on-screen instructions for the poll worker, regarding voters flagged as not able to be processed as a regular voter.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book contains poll worker instructions for non-regular voters.

4.26 Test Case Identifier: T0026: Inactive Voter.III

VA.S. § Inactive Voter.III - The EPB allows selection of the appropriate document name(s) that the voter is required to sign.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can be configured to reference the appropriate documents that voters may be required to signed.

4.27 Test Case Identifier: T0027: ePollbook Address Look-up.I

VA.S. § ePollbook Address Look-up.I - The EPB must contain a feature that allows the user to look-up voter's address to redirect them to the correct polling place.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will allow the poll worker to look-up the voter's address and display the correct polling place.

4.28 Test Case Identifier: T0028: ePollbook Address Look-up.II

VA.S. § ePollbook Address Look-up.II - The EPB must contain a feature that includes driving directions.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can display driving directions to the correct poll place

4.29 Test Case Identifier: T0029: Voter Lookup Capabilities, Data Types

VA.S. § Voter Lookup Capabilities, Data Types - Search for voters must have a variety of look-up capabilities based on the following data: last name, first name, year of birth, address, District and Voter ID.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book allows for the searching based on last name, first name, year of birth, address, District and Voter ID.

4.30 Test Case Identifier: T0030: Voter Lookup Capabilities, Filtered Searches

VA.S. § Voter Lookup Capabilities, Filtered Searches - All search for voters must have the capability for an advanced search so results can be filtered on any combination of the following data: last name, first name, year of birth, address, District and Voter ID.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book allows for searching based on any combination of last name, first name, year of birth, address, District and Voter ID.

4.31 Test Case Identifier: T0031: Voter Lookup Capabilities, Additional Advanced Search Capabilities

VA.S. § Voter Lookup Capabilities, Additional Advanced Search Capabilities - Allows configuration of additional advanced search capabilities.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book allows the configuration of advance search capabilities through the CenterPoint system.

4.32 Test Case Identifier: T0032: Separate Elections

VA.S. § Separate Elections - The EPB must have the ability to manage the voter list and count by party in a partisan election.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can generate reports that separate, and list voter based on party for partisan elections.

4.33 Test Case Identifier: T0033: On-Screen Instruction and Message Configuration Capabilities

VA.S. § On-Screen Instruction and Message Configuration Capabilities - The EPB must have a feature that allows for messaging and instructions to be editable without requiring a software update. (Must provide content management functionality for text/info boxes on every screen.)

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book allows editing of messages and instructions without a software update.

4.34 Test Case Identifier: T0034: Document Name Configuration

VA.S. § Document Name Configuration - The EPB must have a feature that allows for configuration of document name(s) prior to Election Day without requiring a software update.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can configure document name(s) without requiring a software update.

4.35 Test Case Identifier: T0035: Workflow Automation/Customization

VA.S. § Workflow Automation/Customization - The EPB must be customizable so changes in workflow requirements and/or the change State and/or jurisdiction procedures in the voter check-in process can be accommodated.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book is able to customize workflow and procedure of the voter check-in process through the CenterPoint system

4.36 Test Case Identifier: T0036: Continuous Check-In Count

VA.S. § Continuous Check-In Count - The EPB must continuously display and automatically update the voter credits issued.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can display and automatically update the voter credits that have been issued.

4.37 Test Case Identifier: T0037: Continuous Check-In Count, Network

VA.S. § Continuous Check-In Count, Network - The EPB must continuously display and automatically update the voter credits issued and synchronize with other units on a network

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will automatically update and display the voter credits that have been issues and synchronize with other units on the network.

4.38 Test Case Identifier: T0038: Verification

VA.S. § Verification - The EPB must have a verification screen that displays and confirms the election date, polling place location, the number of voters for the location, and that the voter count shows zero voters have checked in, prior to opening the polls.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will display a verification screen containing the election date, polling place location, the number of voters for the location and prior to opening polls, the voter count shows zero voters.

4.39 Test Case Identifier: T0039: Ease of Functionality, Reports

VA.S. § Ease of Functionality, Reports - The EPB reporting module should be configurable and customizable by a user with minimal system knowledge

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book the reporting module can be configured and customized by workers with minimal system knowledge.

4.40 Test Case Identifier: T0040: Retrieval of Voter Information.I

VA.S. § Retrieval of Voter Information.I - The EPB must be able to add, remove, update. and delete stored information.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can add, remove, update, and delete stored information.

4.41 Test Case Identifier: T0041: Retrieval of Voter Information.II

VA.S. § Retrieval of Voter Information.II - The EPB must be able to retrieve a specific voter from a list of provided voters and issue voter credit.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can retrieve a specific voter from the provided voter list and issue voter credits.

4.42 Test Case Identifier: T0042: Retrieval of Voter Information.III

VA.S. § Retrieval of Voter Information.III - The EPB must provide a verification that the voter and election data are accurately loaded in the EPB.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can provide verification of the loading of voter and election data

4.43 Test Case Identifier: T0043: Reports

VA.S. § Reports - The EPB must be able to provide reports that distinguish voters by ballot style, party, precinct, precinct split, curbside voter and Voter Status.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can produce reports that are able to filter voters by ballot style, party, precinct, precinct split, curbside voter and Voter Status.

4.44 Test Case Identifier: T0044: Barcodes.I

VA.S. § Barcodes.I - The EPB must be able to scan the barcode from the Virginia State Issued IDs: Driver's License

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can scan the barcode of Virginia State Issued Driver's License

4.45 Test Case Identifier: T0045: Barcodes.II

VA.S. § Barcodes.II - If the download is successful, display the voter name and address on the check-in screen.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will display the name and address after successful download (scan) of the barcode

4.46 Test Case Identifier: T0046: Barcodes.III

VA.S. § Barcodes.III - Display an appropriate message if the ID is not accepted.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will display the appropriate message when the ID is not accepted.

4.47 Test Case Identifier: T0047: Voting System Not Required.I

VA.S. § Voting System Not Required.I - The EPB must not require the voting system to perform any functions.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can perform any function without a required voting system

4.48 Test Case Identifier: T0048: Voting System Not Required.II

VA.S. § Voting System Not Required.II - The EPB cannot connect to the voting system.

Summary of Testing: No voting system was available to functionally verify this requirement.

4.49 Test Case Identifier: T0049: Network Interruption.I

VA.S. § Network Interruption.I - The EPB must be networkable. Once networked together all EPB's must synchronize to the most current voter information.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book when networked with other ePollTab v1.0 Poll Books will synchronize to the most current voter information.

4.50 Test Case Identifier: T0050: Network Interruption.II

VA.S. § Network Interruption.II - If network connectivity is lost, once restored all devices on the network must synchronize.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will synchronize all networked ePollTab v1.0 PollBooks when connectivity is restored.

4.51 Test Case Identifier: T0051: Network Interruption.III

VA.S. § Network Interruption.III - If network connectivity is lost, once restored all devices on the network must synchronize.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will synchronize all networked ePollTab v1.0 PollBooks when connectivity is restored.

4.52 Test Case Identifier: T0052: Performance Report

VA.S. § **Performance Report** - The EPB must have a report that provides statistics on the duration of voter check-in process and the maximum number of voters the configuration can handle.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book, through the CenterPoint system, can issue reports that provide statistics such as duration of voter check-in process.

4.53 Test Case Identifier: T0053: Add or Remove Units

VA.S. § Add or Remove Units - The EPB must have the ability to add or remove new units without disturbing the existing units

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can be added or removed from a network without causing any disruptions

4.54 Test Case Identifier: T0054: Power

VA.S. § Power - The EPB must have the ability to have an option to display power usage for Power supply and battery life

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will display the battery life and the Power supply usage can be displayed on command.

4.55 Test Case Identifier: T0055: Low Power Message

VA.S. § Low Power Message - The EPB must have the ability display appropriate message when the EPB device is operating at less than 20% of remaining power

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book, will display alerts when the battery reaches 20%.

4.56 Test Case Identifier: T0056: ""Voter Not Counted"" Error Message

VA.S. § ""Voter Not Counted"" Error Message - The EPB must have the ability display appropriate error message when a voter is not counted

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will provide the appropriate message when a voter is not counted.

4.57 Test Case Identifier: T0057: Peripheral Connectivity Indicator

VA.S. § Peripheral Connectivity Indicator - The EPB must have a peripheral connectivity indicator

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will indicate when an appropriate peripheral is connected.

4.58 Test Case Identifier: T0058: Errors

VA.S. § Errors - The EPB must log all system errors and notify the user of errors that can be corrected by the user

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will notify and log all system errors to the audit log

4.59 Test Case Identifier: T0059: Clean Wipe.I

VA.S. § Clean Wipe.I - The EPB must support the ability to wipe clean the EPB via Industry standards, manually.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can be wiped clean to factory default through the Android settings. This was confirmed in the documentation but was not functionally verified during the examination.

4.60 Test Case Identifier: T0060: Clean Wipe.II

VA.S. § Clean Wipe.II - The EPB must support the ability to wipe clean the EPB via Industry standards, remotely.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can be wiped clean to factory default remotely through the MDM.

4.61 Test Case Identifier: T0061: Clean Wipe.III

VA.S. § Clean Wipe.III - The EPB must support the ability to shred all removable media.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book contains a micro SD card that can be removed and shredded if required. This was confirmed through common usage but not tested.

4.62 Test Case Identifier: T0062: Internet Connectivity

VA.S. § Internet Connectivity - The EPB must employ the following management techniques:

- Upgrade to a Modern Operating System and keep it up-to-date
- Exercise Secure User Habits
- Leverage Security Software
- Safeguard against Eavesdropping
- Protect Passwords
- Limited use of the Administrator Account
- Employ Firewall Capabilities
- Implement WPA2 on the Wireless Network
- Limit Administration to the Internal Network

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book uses the following security management techniques:

- Upgrade to a Modern Operating System and keep it up-to-date
- Exercise Secure User Habits
- Leverage Security Software
- Safeguard against Eavesdropping
- Protect Passwords
- Limited use of the Administrator Account
- Employ Firewall Capabilities
- Implement WPA2 on the Wireless Network
- Limit Administration to the Internal Network

4.63 Test Case Identifier: T0063: Encryption.I.Data

VA.S. § Encryption.I.Data - All modules and data are cryptographic and are FIPS 140-2 compliant.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book modules and data are cryptographic and IPS 140-2 compliant.

4.64 Test Case Identifier: T0064: Encryption.II.Audit

VA.S. § Encryption.II.Audit - The EPB's audit log must be encrypted, track all transactions, and include a date/time stamp.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book audit log is encrypted, and all transactions contain a date/time stamp.

4.65 Test Case Identifier: T0065: Authentication

VA.S. § Authentication –

- I. All passwords used by EPB follow the NIST SP 800-63B Standard
- II. All passwords used by the EPB must allow upper case, lower case, numbers, and special character
- III. The same password cannot be reused within at least the past 10 times.
- IV. The EPB requires passwords to be changed every 6 months
- V. The EPB must provide the option to mask or unmask passwords at text entry

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book employs the following password security techniques

- I. All passwords used by EPB follow the NIST SP 800-63B Standard
- II. All passwords used by the EPB must allow upper case, lower case, numbers, and special character
- III. The same password cannot be reused within at least the past 10 times.
- IV. The EPB requires passwords to be changed every 6 months
- V. The configuration settings on the EPB can be set to mask or unmask passwords at text entry

4.66 Test Case Identifier: T0066: System Administrator/Network Administrator

VA.S. § System Administrator/Network Administrator - The EPB must employ the following management techniques:

- Centralization of all components
- Role Based Access Control
- Employ Zero Trust Identity Security
- Use the Principle of Least Privilege

- Automated Onboarding
- Automated Off-boarding
- Orphaned Account Detection and Removal
- Multifactor Authentication
- Notification of failed logon attempts
- Notification of use of Privileged Accounts

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book employs the following management techniques:

- Centralization of all components
- Role Based Access Control
- Employ Zero Trust Identity Security
- Use the Principle of Least Privilege
- Automated Onboarding
- Automated Off-boarding
- Orphaned Account Detection and Removal
- Multifactor Authentication
- Notification of failed logon attempts
- Notification of use of Privileged Accounts

4.67 Test Case Identifier: T0067: Hardening.I

VA.S. § Hardening.I - The EPB Manufacturer must provide a system hardening specification for the system.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book contains system hardening specifications

4.68 Test Case Identifier: T0068: Hardening.II

VA.S. § Hardening.II - Assessed via automated scanning tools (i.e. CIS L1 benchmarks).

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can be assessed using automated scanning tools.

4.69 Test Case Identifier: T0069: Ports and Connected Devices

VA.S. § Ports and Connected Devices - The EPB must restrict all ports to only allow known system components to communicate with the EPB and not allow unknown device to connect.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book port can be locked using a third-party seal.

4.70 Test Case Identifier: T0070: Data Synchronization.I

VA.S. § Data Synchronization.I - The EPB must be networkable. Once networked together all EPB's must synchronize to the most current voter information.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Books can be networked with each other and synchronized to the most current voter information

4.71 Test Case Identifier: T0071: Data Synchronization.II

VA.S. § Data Synchronization.II - Any failure of a device cannot impact the remaining units.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book device failure does not impact the remaining DemTech CenterPoint ePollTAB v1.0 Poll Book devices on the network.

4.72 Test Case Identifier: T0072: Data Synchronization.III

VA.S. § Data Synchronization.III - The EPB must not connect to unauthorized networks.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book can be restricted from connecting to unauthorized networks.

4.73 Test Case Identifier: T0073: Data Synchronization.IV

VA.S. § Data Synchronization.IV - The EPB must not allow connections that are not IP whitelisted.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book through licensing from DemTech will be configured to block non-whitelisted devices.

4.74 Test Case Identifier: T0074: Data Transfer Outside Approved Network

VA.S. § Data Transfer Outside Approved Network - The EPB must have success and failure message to the user for the transfer of data outside of the approved network.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book System restricts transfers of data outside approved networks by only allowing connections to be made through the Merlin device.

4.75 Test Case Identifier: T0075: Wireless Activation Notification

VA.S. § Wireless Activation Notification - The EPB effectively alerts others when the wireless state is activated on EPB device. (E.g. clearly visible indicator light on device, text alert, etc.)

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book will indicate when the wireless component is on

4.76 Test Case Identifier: T0076: Transaction Logging and Audit Reports.I

- **VA.S. § Transaction Logging and Audit Reports.I -** The EPB must have a transaction log/Audit Report containing the following:
 - Records of election preparation
 - Records of transactions in the polling place
 - Human-readable logs
 - Ability to export logs
 - Identify and manage security incidents and fraudulent activities
 - Track and resolve operational problems

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book contains a transaction log/Audit Report that contains the following:

- Records of election preparation
- Records of transactions in the polling place
- Human-readable logs

- Ability to export logs
- Identify and manage security incidents and fraudulent activities
- Track and resolve operational problems

4.77 Test Case Identifier: T0077: Transaction Logging and Audit Reports.II

VA.S. § Transaction Logging and Audit Reports.I - The EPB must have a transaction log/Audit Report containing the following:

- Records of election preparation
- Records of transactions in the polling place
- Human-readable logs
- Ability to export logs
- Identify and manage security incidents and fraudulent activities
- Track and resolve operational problems

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book contains a transaction log/Audit Report that contains the following:

- Records of election preparation
- Records of transactions in the polling place
- Human-readable logs
- Ability to export logs
- Identify and manage security incidents and fraudulent activities
- Track and resolve operational problems

4.78 Test Case Identifier: T0078: Transaction Logging and Audit Reports.III

VA.S. § Transaction Logging and Audit Reports.III - The EPB must have a transaction log/Audit Report containing the following:

- Records of election preparation
- Records of transactions in the polling place
- Human-readable logs
- Ability to export logs
- Identify and manage security incidents and fraudulent activities
- Track and resolve operational problems

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book contains a transaction log/Audit Report that contains the following:

- Records of election preparation
- Records of transactions in the polling place
- Human-readable logs
- Ability to export logs
- Identify and manage security incidents and fraudulent activities
- Track and resolve operational problems

4.79 Test Case Identifier: T0079: Reconciliation of Data Load to EPB.I

VA.S. § Reconciliation of Data Load to EPB.I - The EPB must provide a verification that the data loaded for the election was successful and accurate.

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book displays verification on the success of loaded data

4.80 Test Case Identifier: T0080: Reconciliation of Data Load to EPB.II

VA.S. § Reconciliation of Data Load to EPB.II - The EPB must provide a verification that the data loaded for the election was successful, accurate, and any discrepancies in the process handled.

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book, through the import page in CenterPoint will, upon successful loading of voter information will display verification that data is loaded successfully and accurately. After the importing of data, the page will display categories (Inserts, Updates, Deletes, Duplicates and Errors).

4.81 Test Case Identifier: T0081: Compliance

VA.S. § Compliance - All vendors must comply with the policies, guidelines, and directives regarding software patching of EPB systems as adopted and modified by the State Board of Elections (SBE) from time to time

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book can comply with the standards adopted and modified by the State Board of Election on software patching

4.82 Test Case Identifier: T0082: DoD 5220.22-M wiping standard

VA.S. § DoD 5220.22-M wiping standard - Memory devices or USB drives provided with the EPB system and/or supplied to localities must be fully wiped per the DoD 5220.22-M wiping standard to prevent any preloaded software from being inadvertently installed on the systems

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book wiping standards match the standards put in the DoD 5220.22-M, as referenced in the NIST Special Publication 800-88 Revision 1 in Table A-3: Mobile Device Sanitization

4.83 Test Case Identifier: T0083: Encryption and SHA256 FIPS compliant

VA.S. § Encryption and SHA256 FIPS compliant - Memory devices or USB drives provided with the EPB system and/or supplied to localities must be capable of being cryptographic and FIPS 140-2 compliant, and must use SHA256 hashing algorithm or higher

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book memory is cryptographic and FIPS 140-2 compliant, with a SHA256 hashing algorithm or higher.

4.84 Test Case Identifier: T0084: Commonwealth Information Security Standards

VA.S. § Commonwealth Information Security Standards - Memory devices or USB drives provided with the EPB system and/or supplied to localities must comply with applicable Commonwealth information security standards

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book memory complies with the Commonwealth information security standards

4.85 Test Case Identifier: T0085: SBE Policies, Guidelines, Directives

VA.S. § SBE Policies, Guidelines, Directives - Memory devices or USB drives provided with the EPB system and/or supplied to localities must comply with applicable policies, guidelines, and directives as adopted and modified by the SBE from time to time

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book memory complies with the standards adopted and modified by the SBE

4.86 Test Case Identifier: T0086: Security Best Practices for Internet Connectivity

VA.S. § Security Best Practices for Internet Connectivity - If the EPB Vendor utilizes the cloud to host EPBs for locality access during the Early Voting period they must utilize security best practices for internet connectivity including network, wireless, and cloud services

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book cloud hosting utilizes Amazon Web Services (AWS) which uses security best practices for its internet connectivity.

4.87 Test Case Identifier: T0087: Cloud Service Provider

VA.S. § Cloud Service Provider - If the EPB Vendor utilizes the cloud to host EPBs for locality access during the Early Voting period they must utilize a cloud service provider (CSP) whose infrastructure and applications are NIST 800-53 certified through a third party entity

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book uses Amazon Web Services (AWS) which is NIST 800-53 certification through a third-party entity

4.88 Test Case Identifier: T0088: CSP SLA

VA.S. § CSP SLA - If the EPB Vendor utilizes the cloud to host EPBs for locality access during the Early Voting period they must ensure CSP SLA contains these major components: Service level objectives, Remediation policies, and penalties/incentives related to NIST compliance, exclusions, and caveats

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book CSP SLA contains the following components:

- Service level objectives
- Remediation policies
- Penalties/incentives related to NIST compliance, exclusions, and caveats

4.89 Test Case Identifier: T0089: VPN Connection

VA.S. § VPN Connection - If the EPB Vendor utilizes the cloud to host EPBs for locality access during the Early Voting period they must ensure the connection via

VPN must be FIPS 140-2 certified, whether it is a dedicated SSLVPN or just a dedicated connection. If a dedicated connection, thorough documentation must be provided

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book cloud connection is FIPS 140-2 certified.

4.90 Test Case Identifier: T0090: Mobile Devices

VA.S. § Mobile Devices - If the EPB Vendor supplies the mobile devices, ensure compliance with NIST 800-53 in relation to these devices, as is done with the infrastructure

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book is NIST 800-53 compliant.

4.91 Test Case Identifier: T0091: ToAndFromCloud

VA.S. § ToAndFromCloud - If the EPB Vendor supplies the storage, processing, migration, access control, and detection to and from the cloud all must be NIST 800-53 compliant

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book to and from cloud process allowing storage, processing, migration, access control and detection is NIST 800-53 compliant

4.92 Test Case Identifier: T0092: CSP is NIST certified

VA.S. § CSP is NIST certified - If the EPB Vendor utilizes a CSP verify that CSP is NIST certified

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book CSP services is NIST certified

4.93 Test Case Identifier: T0093: Hardware Schematic Diagrams

VA.S. § Hardware Schematic Diagrams - Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Hardware Schematic Diagrams document has been satisfactorily reviewed.

- 4.94 Test Case Identifier: T0094: Hardware Theory of Operations
 - **VA.S.** § Hardware Theory of Operations Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Hardware Theory of Operations document has been satisfactorily reviewed

- **4.95 Test Case Identifier:** T0095: System architecture with network and infrastructure connectivity
 - VA.S. § System architecture with network and infrastructure connectivity Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book System Architecture with network and infrastructure connectivity document has been satisfactorily reviewed

- 4.96 Test Case Identifier: T0096: Software System Design
 - VA.S. § Software System Design Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Software System Design document has been satisfactorily reviewed.

- 4.97 Test Case Identifier: T0097: Software and Firmware Source Code
 - VA.S. § Software and Firmware Source Code Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Software and Firmware Source Code document has been satisfactorily reviewed.

- **4.98 Test Case Identifier:** T0098: Independent Third-Party Application Penetration Analysis Report
 - VA.S. § Independent Third-Party Application Penetration Analysis Report Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Independent Third-Party Application Penetration Analysis Report document has been satisfactorily reviewed.

- 4.99 Test Case Identifier: T0099: Customer Maintenance, Repair & Troubleshooting Manual
 - VA.S. § Customer Maintenance, Repair & Troubleshooting Manual Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Customer Maintenance, Repair & Troubleshooting Manual document has been satisfactorily reviewed.

- 4.100 Test Case Identifier: T0100: Operations Manual
 - VA.S. § Operations Manual Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Operations Manual document has been satisfactorily reviewed.

- 4.101 Test Case Identifier: T0101: User Guide and Documents
 - VA.S. § User Guide and Documents Review of Documentation

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book User Guide and Documents document has been satisfactorily reviewed.

- 4.102 Test Case Identifier: T0102: Recommended Security Practices
 - VA.S. § Recommended Security Practices Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Recommended Security Practices document has been satisfactorily reviewed.

- 4.103 Test Case Identifier: T0103: Standard Contract, Product Support and Service Level Agreement (SLA)
 - VA.S. § Standard Contract, Product Support and Service Level Agreement (SLA) Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Standard Contract, Product Support and Service Level Agreement document has been satisfactorily reviewed.

4.104 Test Case Identifier: T0104: Maintenance Services, Pricing and Financing Options

VA.S. § Maintenance Services, Pricing and Financing Options - Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Maintenance Services, Pricing and Financing Options document has been satisfactorily reviewed.

4.105 Test Case Identifier: T0105: Warranty

VA.S. § Warranty - Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Warranty document has been satisfactorily reviewed.

4.106 Test Case Identifier: T0106: Software License Agreement

VA.S. § Software License Agreement - Review of Documentation

Summary of Testing: The DemTech CenterPoint ePolITAB v1.0 Poll Book Software License Agreement document has been satisfactorily reviewed.

4.107 Test Case Identifier: T0107: Test Data and Software

VA.S. § Test Data and Software - Review of Documentation

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book Test Data and Software document has been satisfactorily reviewed.

4.108 Test Case Identifier: T0108: Non-Disclosure Agreement, if applicable

VA.S. § Non-Disclosure Agreement, if applicable - Review of Documentation

Summary of Testing: The DemTech CenterPoint ePollTAB v1.0 Poll Book Non-Disclosure Agreement document has been reviewed.

5 Testing Setup

ePollTAB Testing Candidate

<u>Supporting the evaluation DemTech</u> provided the following software components:

Application/OS	Version
Android	10
Windows	10

Supporting the evaluation DemTech provided the following hardware components:

Device	Serial Number	Model
Lenovo IdeaPad Laptop	MP1M3FHM	81QG
Samsung Galaxy Tab S5e Tablet	R52N70BM37V	SM-T720
Voter Identification Unit	PRUV811A00000017	VIU-811
Smartphone & Tablet Holder	X001OUWLN5	XTAB2
Barcode scanner	X001YB9TCF	MJ-2877
Label Printer	D00K5Z001A	QL-820NWB
Raspberry Pi Canakit	PI4-8GB-MAX64EWF-C4-WHT	Model B
UniFi Mesh Access Point	E0610AB-B108-Ht4G9b	UAP-AC-M

6 Findings

The evaluation followed the procedures as provided in Virginia Electronic Pollbooks Certification Standards and test cases. During the procedure, the evaluation team made observations of general system behavior.

Per Test Case T0048: Voting System Not Required.II, no voting system was available to functionally verify that the DemTech CenterPoint ePolITAB v1.0system cannot be connected to a voting system.

The DemTech CenterPoint ePollTAB v1.0 Electronic Poll Book system relies heavily upon security measures that are dependent upon third party technology and services, including Samsung native OS Security, Cisco Meraki MDM, Amazon Web Services, and Ubiquiti's UniFi controller. Due to this compromise to the individual systems and services could affect the overall security of the system.

The Solution utilizes two forms of network communications. The Merlin device is used to generate and provide a private network that can be either wired, wireless or both. The Merlin and DemTech's 3rd party services are responsible for controlling and connection to this network. The second form of network is utilized by either wirelessly or through a separate USB networking device connecting the Merlin device to a jurisdictions network.

This connection allows the Merlin device to sync up with the Amazon Web Services instance to keep all jurisdictions in sync. The Merlin device can be connected to any type of connection and doesn't appear to be controlled in anyway. The actual epollbook devices are controlled by the Cisco Meraki MDM.

The solution utilizes both wireless and wired communications to keep ePollTAB devices connected to each other as well as to networked printers. These communications are utilized for real-time sharing of check-in data between polling place devices, and to print voter check-in receipts. During the examination reasonable attempts were made to sniff, access, or compromise these networks, with the results being that the attack attempts were unsuccessful.

While not full-blown vulnerabilities, the following items could lead to issues or compromise if not properly monitored / managed:

- Management of the Wifi networking that is utilized by the Merlin device to connect to the Amazon Web Services Sync Point used by the jurisdictions is subject to processes and procedures set forth by the jurisdiction and was not specifically tested or reviewed.
- The Merlin device is responsible for managing and maintaining the private local network for the ePollTAB devices. This can either be a wired or wireless network.
- Extra attention needs to be directed at physically securing the solutions network connections from unauthorized access. Including locking down wireless access points, wired network switching equipment
- Extra attention needs to be directed at physically securing the solutions Merlin devices. This includes tamper evident seal implementation, physically securing the merlin device safely from unauthorized entities.

The Examination was conducted with attempts to circumvent or exploit vulnerabilities within the communication systems such as applicable and within legal boundaries in respect to third party services.

The Samsung OS devices sufficiently meet requirements by:

- Offering FIPS-140-2 encryption to data both at rest and during transmissions utilizing AES 256Bit encryption or greater.
- Giving precise control of all aspects of the Samsung device configuration using Mobile Device Management.
 - Ability to remotely wipe Samsung devices.
 - o Ability to remotely wipe Smartmatic VIU windows device
 - Ability to track lost or stolen devices.
 - Control of Wi-Fi access.
 - Control of application versions.

 Allowing for separate environments designed to protect each application from infecting or compromising another through the use of Application Sandbox.

Providing the ability to lock down the Samsung device to a single application using Guided access (KIOSK) mode.

The Smartmatic VIU device meets requirements by:

- Offering FIPS-140-2 encryption to data both at rest and during transmissions utilizing AES 256Bit encryption or greater.
- Giving precise control of aspects of the VIU device configuration using Mobile Device Management.
 - Ability to remotely wipe Smartmatic VIU windows device
 - Ability to track lost or stolen devices.
 - Control of Wi-Fi access.
 - Control of application versions.

The VIU device has the ability to restrict the device user to specific functionality on the device, through Group Policy Objects (GPO). A caveat is that the Smartmatic VIU device in not currently deployed in a Kiosk mode with the ePolITAB application. Due to functionality restrictions imposed by the UWP (Universal Windows Platform) Application.

It should be noted that the Merlin device has election specific files and are encrypted using an encrypted mount point, however the entire Merlin File system is not encrypted, which could lead to compromise if Physical security mitigations are not taken into consideration.

7 Conclusions

The DemTech CenterPoint ePollTAB v1.0 presented for examination, meets the requirements of Virginia Election Laws §24.2,

Test Case T0048: Voting System Not Required.II was not verified that the DemTech CenterPoint ePolITAB v1.0 cannot be connected to a voting system.

It is also strongly recommended that strict configuration guidelines be supplied to the jurisdiction to lock down the DemTech CenterPoint ePollTAB v1.0 devices to specific networks and systems.

End of Test Report



Loudoun County, Virginia

Office of Elections and Voter Registration

750 Miller Drive SE, Suite C, Leesburg, VA 20175 703/777-0380 V/TDD ~ FAX 703/777-0622

August 27, 2020

Karen Hoyt-Stewart Voting Technology Program Manager Virginia Department of Elections 1100 Bank Street, 1st Floor Richmond, VA 23219

Karen,

The Loudoun County Office of Elections conducted a mock election using the new DemTech ePollTab software on Thursday, August 27, 2020. Our office tested it on two tablets and three laptops running Windows 10.

During the test the following tasks were completed;

- Tested connectivity among all devices
- Checked voters in to two precincts
- Checked in a voter as challenged
- · Checked in voters as provisional
- Utilized all flags including curbside voter
- Closed polls and exported voter credit

All functions operated as expected. Our team was very impressed with the software.

Please let me know if you need anything further from me.

Regards,

Richard Keech

Deputy Director

Office of Elections

Loudoun County, VA



Electronic Pollbook Certification Standard

December 2019

Chapter 1: Introduction	3
1.1. Purpose of Procedures	3
1.2. Specific Requirements	3
1.3. Decertification	3
1.4. Recertification	5
Chapter 2: Basis for Certification	6
2.1. State Certification Testing	6
2.2. EPB Hardware, Firmware, Infrastructure, or Component Elements	7
2.3. EPB System Software Elements	8
2.4. Early Voting Connection Requirements	8
Chapter 3: Review and Approval Process	9
3.1. Summary of Process	9
3.2. Certification Review Process	9
Phase 1: Certification Request from Vendor	9
Phase 2: Preliminary Review	14
Phase 3: Technical Data Package to Voting Systems Test Laboratory	15
Phase 4: Certification Test Report from VSTL	15
Phase 5: On-Site Testing in Mock Election	15
Phase 6: Approval by the SBE	16
3.3. Incomplete Certification Process	16
Appendices	17
A – Glossary	17
B - Contacts	
C – Acceptance Test	20
D – Test Assertions	22
E – Software Patching Guidelines	33
F – Recertification Guidelines	34
G – Hardware Guidelines	35
H – EPB System Modifications & Product End of Life Planning	36
I – EPB Certification Application Form	37
J – De Minimis Change Guideline	39
K - Farly Voting Connection Requirements	11

Chapter 1: Introduction

1.1. Purpose of Procedures

These procedures provide a formal and organized process for vendors to follow when seeking state certification for an electronic pollbook (EPB) system in Virginia. To this end, these procedures are designed to:

- 1. Ensure conformity with Virginia election laws relating to the acquisition and use of EPB systems
- 2. Evaluate and certify EPB systems marketed by vendors for use in Virginia
- 3. Evaluate and re-certify additional capabilities and changes in the method of operation for EPB systems previously certified for use in Virginia
- 4. Standardize decertification and recertification of EPB systems

1.2. Specific Requirements

- Compliance with the Code of Virginia and the policies and regulations issued by the State Board of Elections (SBE) or Department of Elections (ELECT) must be substantiated through the State Certification Test conducted by an independent testing authority recognized by the National Institute of Standards and Technology (NIST); referred to in this document henceforth as VSTL
- 2. Any modification to the hardware, software, firmware, infrastructure or any component of a certified EPB will invalidate the prior certification unless ELECT can review and provide an assurance to the SBE that the change does not affect the accuracy, reliability, security, usability or accessibility of the system; see Appendix J for the De Minimis Change Guideline that is applicable for hardware
- 3. An EPB shall not contain the following voter registration data:
 - a. DMV Customer Number
 - b. Full or Partial Social Security Number
 - c. Birth Month and Day

1.3. Decertification

ELECT reserves the right to reexamine any previously certified EPB system for any reason at any time. Any EPB system that does not pass certification testing will be decertified. An EPB system that has been decertified by the SBE cannot be used for elections held in the Commonwealth of Virginia and cannot be purchased by localities to conduct elections.

In addition, the SBE reserves the right to decertify the EPB systems if the vendor does not comply with any of the following requirements:

- 1. Notify ELECT of any incident, anomaly or security-related breach experienced in an election jurisdiction, within 24 hours of knowledge
- 2. Report to ELECT within 30 calendar days of knowledge of any changes to Corporate Information, including:
 - a. Business Entity and Structure
 - b. Parent and Subsidiary companies
 - c. Capital or equity structure
 - d. Control; identity of any individual, entity, partnership, or organization owning a controlling interest
 - e. Investment by any individual, entity, partnership, or organization in an amount that exceeds 5% of the vendor's net cash flow from the prior reporting year
 - f. Location of manufacturing facilities; including names of the third-party vendor(s) employed to fabricate and/or assemble any component part of the voting and/or tabulating system being submitted for certification, along with the location of all of their facilities with manufacturing capability
 - g. Third-party vendors
 - h. Good Standing status
 - i. Credit rating
- 3. Submit any modifications to a previously certified EPB system to ELECT for review within 30 calendar days from modification; see Appendix H for appropriate reporting process
- 4. If the operating system or any component has reached and/or will reach the Last Date of Mainstream Support within 18 months, as defined in Appendix H, send an upgrade plan with target date(s) to ELECT:
 - a. ELECT must receive the upgrade plan at least 12 months before the Last Date of Mainstream Support
 - The Last Date of Mainstream Support cannot include any type of Extended Support, as defined in Appendix H
 - c. The EPB system may still automatically be decertified as defined in Appendix H
- 5. Update all software with the latest patching and vulnerability updates in alignment with Appendix E.

NOTE: The SBE reserves the right to require recertification when changes to regulations and/or standards occur.

1.4. Recertification

See Appendix F for ELECT's guidelines on when EPB systems must go through recertification.

Chapter 2: Basis for Certification

2.1. State Certification Testing

State certification testing will evaluate the design and performance of an EPB system seeking certification to ensure that it complies with all applicable requirements in the Code of Virginia and the SBE and ELECT regulations and policies. ELECT will examine the essential system functions, operational procedures, user guides, documents, certification reports from other states, and reviews from product users.

The EPB system must demonstrate accuracy, reliability, security, usability and accessibility throughout all testing phases.

State Certification Testing will examine all system operations and procedures, including:

- 1. Receive and process the voter registration and election information
- 2. Accurately maintain whole and separate count(s) of voters distinguishable by:
 - a. Ballot Style (Voter's Party/primary, Precinct, Precinct Split)
 - b. Curbside Voter
 - c. Challenged Voter
 - d. Voter Status
 - e. Provisional
 - f. Absentees
 - g. Early Votes
- 3. Provides an intuitive and easy to navigate user interface
- 4. Perform data and operational integrity safeguard tests including:
 - a. Ability to add or remove new units without disturbing the existing units
 - b. Power supply and battery life with an option to display power usage
 - c. Display an appropriate message when the EPB device is operating at less than 20% of remaining power
 - d. Display an appropriate error message when the EPB fails to check in a voter
- 5. Capacity/Load Test Report to include the maximum number of voters that the configuration/network setting can handle
- 6. Performance Report to include the optimal duration of check in process per voter
- 7. System monitoring and notification of system errors, including:
 - a. Perform a self-test for peripheral connectivity
 - b. Visible display indicating power supply/battery life
 - c. Visible display indicating system connections

- 8. Data preservation and redundancy to maintain a printable checklist format of the voter registration record and voter activity record on a removable storage. When one to all of the EPBs become inoperable, and if there is not an alternate recovery means available then the removable storage must reflect the voter activity record at that moment and can be used to continue with election
- 9. During an interruption of network connection, EPBs should retain and synchronize all voter activities upon restoration of connectivity
- 10. Support the industry standard for clean wipe method remotely and manually
- 11. Transaction Logging and Audit Reports including the following details:
 - a. Log all changes to EPB post the initial download
 - b. Transactions at the polling places
 - c. Export logs in a readable format
 - d. The EPB's audit log(s) must be encrypted, track all transactions and include a date/time stamp
- 12. All modules and data are cryptographic and are FIPS 140-2 compliant including at rest and in transit
- 13. Comply with the NIST SP 800-63B or better digital identity guidelines for authentication and lifecycle management
- 14. Harden the EPB system using the vendor's procedures and specifications.

2.2. EPB Hardware, Firmware, Infrastructure, or Component Elements

All equipment used in an EPB system shall be examined to determine its suitability for election use according to the appropriate procedures contained in this document. Equipment to be tested shall be identical in form and function with production units. Engineering or development prototypes are not acceptable. See Appendix G for hardware guidelines.

Any modification to existing hardware, firmware, infrastructure, or other components will invalidate the prior certification by the SBE unless ELECT can review and provide an assurance to the SBE that the change does not affect the accuracy, reliability, security, usability, or accessibility of the system. See Appendix J for the De Minimis Change Guideline that is applicable for hardware.

EPB systems generally utilize vendor-designed software operating on a variety of commercial-off-the-shelf hardware devices. Certification shall be provided to only similarly identical, and previously designated, hardware and operating systems at the time of certification.

2.3. EPB System Software Elements

EPB system software shall be examined and tested to ensure that it adheres to the performance standards specified within this document. EPB Desktop applications must be compatible with all computers, devices, operating system, platforms as specified in the system requirements. See Appendix D for software requirement test assertions.

Any modifications to existing software will invalidate the prior certification by the SBE unless ELECT can review and provide an assurance to the SBE that the change does not affect the accuracy, reliability, security, usability, or accessibility of the system. See Appendix J for the De Minimis Change Guideline that is applicable for software.

2.4. Early Voting Connection Requirements

Beginning in November 2020, pursuant to the Code of Virginia, Title 24.2 Elections, <u>Chapter 7</u>, <u>Absentee Voting</u>, Virginia will have a no-excuse absentee in person voting period, referred to as Early Voting.

The new law also allows electoral boards the opportunity to provide additional locations within their locality for all Early Voting activities. Based on the number of registered voters, each locality's electoral board will determine whether to open additional Early Voting locations. Any registered voter within each locality can vote at any one of the Early Voting locations within the specified period prior to Election Day. This requires each locality to have secure connectivity to the voter registration information (VRI) throughout the Early Voting period to:

- 1. Confirm the person is eligible to vote in the election
- 2. Confirm the person has not previously voted in the election
- 3. Record voter history in real-time.

Reference Appendix K for an additional list of security-related requirements that are applicable only for those vendors choosing to host EPBs in the Cloud, as a part of their solution for managed connectivity to/from locality devices during this Early Voting period.

Chapter 3: Review and Approval Process

3.1. Summary of Process

The State certification is limited to the final products that have been used in full production environment and available for immediate installation. The certification review process goes through six phases. At the end of each phase, ELECT will evaluate the results to determine the certification status.

Six Phases of the Certification Review Process:

- 1. Certification Request from Vendor
- 2. Preliminary Review
- 3. State Technical Data Package (TDP) to VSTL
- 4. Certification Test Report from VSTL
- 5. On-Site Testing in Mock Election
- 6. Approval by the SBE.

3.2. Certification Review Process

Phase 1: Certification Request from Vendor

A vendor will request a certification for either a specific EPB system, software, firmware, hardware, and/or modification to an existing certified EPB system. This request should include the following information:

- 1. EPB Certification Application Form, signed by a company officer; see Appendix I
- 2. A copy of the certification(s) from other state(s) for the proposed EPB
- 3. Whether the proposed EPB system has ever been denied certification or had certification withdrawn in any state
- 4. Eight copies of a brief overview description of the EPB system
 - a. Typical marketing brochures are usually sufficient for the description
- 5. A list of all states where the proposed EPB system version is currently used
- 6. The vendor, VSTL and ELECT will review a statement of work that will results in the VSTL providing an estimate for the cost of testing. Testing will take place at the headquarters of the VSTL to limit the cost of testing. ELECT will give an estimate for their own staff to travel as well. Once this is agreed to, a check or money order for the non-refundable fee for an EPB system certification request and applicable fees for modifications to a previously certified EPB system, as applicable, will be paid.

- a. All fees must be collected before the certification will be granted
 - i. Make checks or money order payable to Treasurer of Virginia
- 7. TDP must clearly identify all items:
 - a. If the TDP is incomplete or the items in the package are not clearly identified, the entire package could be returned to the vendor
 - b. Upon the receipt of the corrected TDP from the vendor, the evaluation of the EPB system will be rescheduled
- 8. Corporate Information must clearly identify all items:
 - a. If the Corporate Information is incomplete or the items in the package are not clearly identified, the entire package could be returned to the vendor
 - b. The evaluation process will be rescheduled after the corrected package is received.

NOTE: The request package with the items above should be sent to the location indicated in Appendix B.

Technical Data Package

The TDP must contain the following items if they were not included in the TDP submitted:

- 1. Hardware Schematic Diagrams: Schematic diagrams of all hardware
- 2. *Hardware Theory of Operations*: Documentation describing the theory of operation of the hardware including power cords and backup battery
- 3. System architecture with network and infrastructure connectivity: Documentation to include system architecture, network, and data flow diagrams and to clearly specify all applicable components, cloud services and infrastructure connectivity
- 4. *Software Deviations*: Include any exception(s) to the Security Content Automation Protocol (SCAP) checklist; document the reason why there is an exception and the mitigating controls/tools in place to secure the system
- 5. Software System Design: Documentation describing the logical design of the software
 - a. This documentation should clearly indicate the various modules of the software, such as:
 - i. The list of functions
 - ii. System flowchart
 - iii. The interrelationships of modules
 - iv. The list of data formats that the EPB system can import and export
 - b. Clearly specify the operating system and version with:
 - i. The Last Date of Mainstream Support, as defined in Appendix H
 - ii. SHA256 hash value, and modification

- 6. Software and Firmware Source Code: A copy of the EPB, software and firmware source code including the operating system, directory structure of the source code, and a map to show how the source code was built into the final install files. If the operating system or any component has reached and/or will reach the Last Date of Mainstream Support within 18 months, as defined in Appendix H, send an upgrade plan with target date(s) to ELECT. The Last Date of Mainstream Support cannot include any type of Extended Support.
- 7. Independent Third-Party Application Penetration Analysis Report: An accredited application penetration test conducted, within the past 12 months, to analyze the system for potential vulnerabilities according to current industry standards. Potential vulnerabilities may result from poor or improper system configuration, known or unknown hardware or software flaws, or operational weaknesses in process or technical countermeasures. The test must involve active exploitation of security vulnerabilities of the EPB system, whether or not the vulnerabilities can be mitigated through compensating controls. Pursuant to Virginia Code § 24.2-625.1, the Penetration Analysis Report is confidential and excluded from inspection and copying under the Virginia Freedom of Information Act. If a penetration test has been conducted in another state within the past 12 months on the same version of the EPB system that may be submitted to fulfill this requirement.
- 8. Customer Maintenance, Repair & Troubleshooting Manual: Documentation that is normally supplied to the customer for use by the person(s) who will provide maintenance, repair and troubleshooting of the system
- 9. *Operations Manual*: Documentation that is normally supplied to the customer for use by the person(s) who will operate the system
- 10. User Guide and Documents: The vendor should provide the following:
 - a. A quick reference guide with detail instructions for a precinct election officer to set up, use, and shut down the EPB system
 - b. Clear model of EPB system architecture with the following documentations:
 - i. End User Documentation
 - ii. System-Level and Administrator-Level Documentation
 - iii. Developer Documentation
 - c. Failsafe data recovery procedures for information in the EPB system
 - d. A list of customers who are using or have previously used the EPB system
 - The description of any known incidents or anomalies involving the functioning of the EPB system, including how those incidents or anomalies were resolved with customer and date

- 11. Recommended Security Practices: CIS Security Best Practices, including:
 - a. System Security Architecture
 - b. System Event Logging
 - c. System Security Specification
 - d. Security Content Automation Protocol (SCAP)
 - e. Cryptography
 - f. Equipment and Data Security
 - g. Network and Data Transmission Security
 - h. Access control
 - i. Authentication procedure
 - j. Software
 - k. Physical Security
- 12. Standard Contract, Product Support and Service Level Agreement (SLA): Customer and Technical Support hours and contact information. The SLA should specify the escalation timeline and procedure with contact information. Vendor's capacity to provide, including:
 - a. On-Site Support and Technical Support within the SLA on:
 - i. Election Day (defined as the start of the Early Voting period up to and including Election Day; see Appendix K)
 - ii. Within 60 days before Election Day
 - b. Resolution to outstanding issue(s), repair, maintenance and service requests within 30 days
- 13. *Maintenance Services, Pricing and Financing Options*: A list of maintenance services with price. Terms for replacing a component or EPB system. Available financing options for purchase or lease
- 14. *Warranty*: The vendor should provide a list of warranty specifications to include the following:
 - a. The period and extent of the warranty
 - b. Repair or Replacement
 - i. The circumstances under which equipment is replaced rather than repaired
 - ii. The method by which a user requests such replacement
 - c. Warranty coverage and costs
 - d. Technical documentation of all hardware and software that is used to certify that the individual component will perform in the manner and for the specified time
- 15. Software License Agreement

- 16. *Test Data and Software*: Vendor's internal quality assurance procedure, internal or external test data and reports, and software that can be used to demonstrate the various functions of the EPB system. Vendor should also verify that the version of the applications submitted are identical to the versions that have undergone the certification testing; for example, hash testing tools.
- 17. Non-Disclosure Agreement: If applicable.

NOTE: If the EPB system is certified, ELECT will retain the TDP as long as the EPB system is marketed or used in the Commonwealth of Virginia.

Corporate Information

Corporate Information must contain the following items:

- 1. History and description of the business including the year established, products and services offered, areas served, branch offices, subsidiary and parent companies, capital and equity structure, identity of any individual, entity, partnership, or organization owning a controlling interest, and the identity of any investor whose investments have an aggregate value that exceeds more than 5% of the vendor's net cash flow in any reporting year
- 2. Management and staff organization, number of full time and part-time employees by category, and resumes of key employees who will assist Virginia localities in acquiring the system if it is authorized for use
- 3. Certified financial statements for current and past three (3) fiscal years
 - a. If the vendor is not the manufacturer of the EPB system, then submit the certified financial statements of the manufacturer for the past three (3) fiscal years
- 4. Bank Comfort Letter from the vendor's primary financial institution
 - a. If the vendor uses more than one financial institution, multiple Comfort Letters must be submitted
- 5. Certificate of Good Standing issued within 2 months
- 6. Credit rating issued within 2 months
- 7. If publicly traded, indexes rating of the business debt
- 8. Gross sales in EPB products and services for the past three (3) fiscal years and the percent of the vendor's total sales
- 9. The location of all facilities with manufacturing capability; including names of the third-party vendor(s) that are employed to fabricate and/or assemble any component part of the EPB system being submitted for certification, along with the location of all of their facilities with manufacturing capability

- 10. The location and servicing capability of each facility that will be used to service the EPB system for certification and the service limitation of the facility
- 11. Quality assurance process used in the manufacturing and servicing of the EPB system
- 12. Configuration management process used with the EPB system.

NOTE: If the EPB system is certified, ELECT will retain the Corporate Information as long as the EPB system is marketed or used in Virginia. ELECT will sign a statement of confidentially for Corporate Information only.

Proprietary Information

Prior to or upon submission of its certification request, the vendor shall identify any information in its request and/or accompanying materials that it believes should be treated as confidential and proprietary. Furthermore, the vendor must state the reasons why such information should be treated as confidential and proprietary.

"Identify" means that the information must be clearly marked with a justification as to why the information should be treated as confidential and proprietary information. A vendor shall not designate as proprietary information (a) the entire certification request or (b) any portion of the certification request that does not contain trade secrets or proprietary information.

ELECT cannot guarantee the extent to which any material provided will be exempt from disclosure in litigation or otherwise. ELECT, however, agrees to provide the vendor with five (5) days' notice prior to disclosing such material to third parties so that the vendor has the opportunity to seek relief from a court prior to the disclosure of such materials by ELECT.

Phase 2: Preliminary Review

The Voting Technology Coordinator or designee will review the TDP, Corporate Information and other materials provided, and notify the vendor of any deficiencies. Certification of the EPB system will not proceed beyond this phase until the TDP and Corporate Information are complete.

The Voting Technology Coordinator or designee will notify the vendor to submit the following for evaluation:

- 1. Production working model of the EPB to run through all phases of testing, including:
 - a. All hardware, software and firmware necessary to run the EPB
 - b. Software shall be provided in a format readable by the EPB hardware that is being submitted for certification

- c. All commercial-off-the-shelf software and necessary drivers, including the operating system, any software applications for logging, reporting, printing, etc.
- d. All peripheral devices, including those required for usability and accessibility
- e. Any other components recommended by the manufacturer for use
- Copy of the Test documents from prior VSTL certification testing, including Test Plan, Test Report, Test Procedures, and Test Cases
- 3. A release to the VSTL to respond to any requests for information from the Commonwealth of Virginia
- 4. A release to other states which have decertified the system or prior versions of the system to respond to any requests for information from the Commonwealth of Virginia
- 5. Any other materials and equipment deemed necessary by ELECT

The Voting Technology Coordinator or designee will conduct a preliminary analysis of the TDP and the EPB system with VSTL. The Voting Technology Coordinator or designee will also review the Corporate Information and other materials to prepare an Evaluation Proposal, which includes:

- 1. Components of the EPB system to be certified
- 2. Financial stability and sustainability of the vendor to maintain product support and contractual agreement for the EPB system
- 3. Preliminary analysis of TDP

Phase 3: Technical Data Package to Voting Systems Test Laboratory

In addition, the vendor should submit the TDP to the Voting Technology Coordinator, who shall provide the TDP to the VSTL following review.

Phase 4: Certification Test Report from VSTL

VSTL will work directly with the vendor and ELECT designee to complete all test assertions and test cases and the Certification Test Report will be sent to ELECT upon completion.

Phase 5: On-Site Testing in Mock Election

ELECT will coordinate with a local jurisdiction to test the EPB system in a Mock Election. With the vendor present, the Electoral Board members from the local jurisdiction along with ELECT will oversee the test use of the system in a Mock Election.

Phase 6: Approval by the SBE

Based on the report from the VSTL, the results from the On-Site Testing in Election and other information in their possession, the SBE will decide whether the EPB system will be certified for use in the Commonwealth of Virginia. The decision will be sent to the vendor.

3.3. Incomplete Certification Process

If the certification process is terminated, the vendor will forfeit all fees received by ELECT. Any certification process terminated under this provision must be re-initiated from Phase 1. The vendor is responsible to pay all outstanding balance due to ELECT before ELECT accepts subsequent requests from the vendor.

ELECT reserves the right to terminate the certification process when:

- 1. Vendor does not respond to a request from ELECT within 90 days
- 2. ELECT issues any concerns regarding the certification
- 3. The Vendor withdraws from the process
- 4. The system fails the VSTL certification test
- 5. The test lab cannot conduct the certification testing with the equipment on-hand

Appendices

A – Glossary

Anomaly – Any event related to the security or functioning of the EPB system that is out of the ordinary regardless of whether it is exceptional or not; a deviation from the norm.

De Minimis Change – A minimum change to a certified EPB system's hardware, software, TDP, or data. The nature of changes will not materially alter the system's reliability, functionality, capability, or operation. Under no circumstance shall a change be considered De Minimis Change, if it has reasonable and identifiable potential to impact the system's performance and compliance with the applicable EPB Standard. Reference: EAC Testing & Certification Program Manual version 2.0 and Notices of Clarification.

Department of Elections (ELECT) – ELECT conducts the SBE's administrative and programmatic operations and discharges the board's duties consistent with delegated authority.

Election Officer – A registered voter in Virginia appointed by a local electoral board to serve at a polling place for any election. Officers of election must attend training conducted by the electoral board or the general registrar. Some of their duties on Election Day include identifying qualified voters and checking them in on the pollbooks; handing voters their correct ballots; telling voters the proper procedure for inserting ballots into the voting machine; and, when applicable, providing a voter with a provisional ballot.

Electronic Pollbook (EPB) System— A system containing an electronic list of registered voters that may be transported and used at a polling place. This is the official list of registered voters eligible to vote in the election; it is used to verify a voter's eligibility to receive a ballot and captures voter history in real time to prevent double voting. The term "electronic pollbook system" refers to the total combination of mechanical, electro-mechanical, electronic and digital equipment (including the software, firmware, and documentation required to program, control, and support the equipment).

Incident – Any event related to the security or functioning of the EPB system that may have caused or caused an interruption to the Check-in and/or Reporting process.

Precinct – A precinct is a geographic area within a locality or a town, established by ordinance by the local governing body. As per the Code of Virginia § 24.2-307, the "governing body of each county and city may establish as many precincts as it deems necessary." A precinct must be wholly contained in any district used to elect members of the local governing body. The local governing body also determines the location of the polling place where residents vote.

State Board of Elections (SBE) – The State Board of Elections is authorized to supervise, coordinate, and adopt regulations governing the work of local electoral boards, registrars, and officers of election; to provide electronic application for voter registration and delivery of absentee ballots to eligible military and overseas voters; to establish and maintain a statewide automated voter registration system to include procedures for ascertaining current addresses of registrants; to prescribe standard forms for registration, transfer and identification of voters; and to require cancellation of records for registrants no longer qualified. <u>Code of Virginia</u>, <u>Title 24.2</u>, Chapters 1, 4 and 4.1.

Voting Systems Test Laboratory (VSTL) – Test laboratory accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) to be competent to test EPB systems.

B - Contacts

The Department of Elections

The certification request package should be sent to:

Virginia Department of Elections ATTN: EPB System Certification 1100 Bank Street, 1st Floor Richmond, Virginia 23219-3497

All other inquiries should be sent to:

Email: <u>info@elections.virginia.gov</u>

C – Acceptance Test

As required by the Code of Virginia §24.2-629 (E) and the procurement process, the local jurisdiction with the assistance of state officials or consultants will conduct the Acceptance Test.

The local jurisdiction will examine that the purchased or leased system to be installed is <u>identical</u> to the certified system and that the installed equipment and/or software are fully functional and compliant with the administrative and statutory requirements of the jurisdiction. The state requires localities to perform hash testing of applications software, as well as, send a letter to ELECT, as required by the procurement process, to confirm that the versions of all software and model(s) of equipment received are identical to the certified system.

As part of the acceptance test the vendor will demonstrate the system's ability to execute its designed functionality as presented and tested during certification, including:

- 1. Mark voters as checked in, voted, and given a ballot only after specific actions
- 2. Provide the user notification and display an appropriate instruction based on the voter status:
 - a. Protected voters
 - b. Inactive voters
 - c. Absentee voters
 - d. Voters out of precinct
 - e. Voters that already voted
- 3. Perform data and operational integrity safeguard tests including:
 - a. Ability to add or remove new units without disturbing the existing units
 - b. Power supply and battery life with an option to display power usage
 - c. Display an appropriate message when the EPB device is operating at less than 20% of remaining power
 - d. Display an appropriate error message when the EPB fails to check in a voter
- 4. Performance Report to include the optimal duration of check in process per voter
- 5. System monitoring and notification of system errors, including:
 - a. Perform a self-test for peripheral connectivity
 - b. Visible display indicating power supply/battery life
 - c. Visible display indicating system connections
- Comply with and enable voter and operator compliance with all applicable procedural, regulatory, and statutory requirements
- 7. Produce an audit log

- 8. Close the election and provide multiple secure files which are capable of providing voter credit to the Voter Registration System
- 9. Data preservation and redundancy to maintain a printable checklist format of the voter registration record and voter activity record on a removable storage. When one to all of the EPBs become inoperable, and if there is not an alternate recovery means available, then the removable storage must reflect the voter activity record at that moment and can be used to continue with election
- 10. During an interruption of network connection, EPBs should retain and synchronize all voter activities upon restoration of connectivity
- 11. Secure the reliable data transfers and display appropriate message for each data transfer to outside of closed network including electronic data management system, central server and cloud data service (This is only for testing of EPBs that will be used for Early Voting)
- 12. Transaction Logging and Audit Reports including the following details:
 - a. Log all changes to EPB post the initial download
 - b. Transactions at the polling places
 - c. Export logs in a readable format
 - d. The EPB's audit log(s) must be encrypted, track all transactions and include a date/time stamp
- 13. All modules and data are cryptographic and are FIPS 140-2 compliant including at rest and in transit
- 14. Comply with the NIST SP 800-63B or better digital identity guidelines for authentication and lifecycle management
- 15. Support the industry standard for clean wipe method remotely and manually.

Audit and Validation of Certification

It is the responsibility of both the vendor and the local jurisdiction to ensure that an EPB system, that is supplied or purchased for use, in the Commonwealth of Virginia has been certified by the SBE. It is the responsibility of the vendor to submit any modifications to a previously certified EPB system to the ELECT for review.

If any questions arise involving the certification of an EPB system in use in Virginia, ELECT shall verify that the EPB system in use is identical to the EPB system submitted for certification. Any unauthorized modifications to a certified system may result in decertification of the system by the SBE or bar an EPB system vendor from receiving certification of EPB systems in the future with the Commonwealth of Virginia.

D – Test Assertions

The following test assertions will be executed by the ELECT designated VSTL.

Statutory Requirement	Test Assertions
If EPBs are used in the locality or electronic voter	I – The EPB must display the voter's birth year,
registration inquiry devices are used in precincts in	but no other birthday information.
the locality, the Department shall provide a regional	
or statewide list of registered voters to the general	
registrar of the locality. The Department shall	
determine whether regional or statewide data is	
provided. Neither the pollbook nor the regional or	
statewide list or registered voters shall include the	
day and month of birth of the voter, but shall	
include the voter's year of birth. § 24.2-404(A7)	
In no event shall any list furnished under this section	I – The EPB cannot have a field to display partial
contain the social security number, or any part	or complete Social Security Numbers.
thereof, of any registered voter, except for a list	
furnished to the Chief Election Officer of another	
state permitted to use social security numbers, or	
any parts thereof, that provides for the use of such	
numbers on applications for voter registration in	
accordance with federal law, for maintenance of	
voter registration systems. § 24.2-406(C)	
The EPB System shall have the ability to prepare a	I – The EPB provides a report that can be filtered
separate pollbook report for each party taking part	by party.
in a primary election at the same time. § 24.2-531	
Record the name and consecutive number of the	I – The EPB provides an input field to record
voter at the time he offers to vote. Enter an EPB	name and consecutive number of a voter when
record for each voter and recording each voter's	they present themselves to vote.
name, including voters unable to enter the polling	
place, and for verifying the accurate entry of the	II – The EPB shall automatically enter consecutive
	numbers from a given starting point.

EPB record for each registrant on the Virginia Voter	III – The EPB System shall have the ability to
Registration System. § 24.2-611(B)	indicate whether a voter voted "Outside Polls" or
	"OP." The operator shall be allowed to notate
	independently or in conjunction with other
	notations set forth in these requirements. The
	EPB System shall have the ability to provide
	listings and counts of such voters.
The State Board shall incorporate safeguards to	I – The EPB must produce an audit log that
assure that the records of the election, including the	records data that has been successfully
pollbook, voter count sheets, or other alternative	transferred.
records, will provide promptly an accurate and	
secure record of those who have voted. § 24.2-	
611(C)	
In the event that the EPBs for a precinct fail to	I – The EPB must be able to produce a data
operate properly and no alternative voter list or	output in a format deemed necessary by the
pollbook is available, the officers of election, in	Commonwealth of Virginia.
accordance with the instructions and materials	
approved by the State Board, shall (i) maintain a	II – The EPB must maintain data preservation and
written list of the persons EPB and (ii) provide to	redundancy so in the case where the EPB
each person EPB a provisional ballot to be cast as	becomes inoperable the data that has been input
provided in § 24.2-653. § 24.2-611(E)	can be retrieved.
If the person challenged refuses to sign the	I – The EPB must have the capability to display an
statement, he shall not be permitted to vote. If,	indication that a voter has been challenged.
however, he signs the statement, he shall be	
permitted to vote on the voting system in use at the	II – The EPB must have the functionality to
precinct, unless he is required to cast a provisional	identify a voter that cannot be processed as a
ballot pursuant to § 24.2-651.1	regular voter. This functionality has to be
	configurable so that the election day reasons can
When the voter has signed the statement and is	be updated without a software update.
permitted to vote, the officers of election shall mark	
his name on the pollbook with the first or next	III – The name of required document must be
consecutive number from the voter count form, or	pre-loaded in EPB. Poll worker must be able to

shall enter that the voter has voted if the pollbook is select from the voter check-in screen the name in electronic form, and shall indicate on the pollbook of document that the voter is required to sign. that he has signed the required statement in accordance with the instructions of the State Board. If the envelope containing a voted absentee ballot has been properly signed by the voter, such ballot shall not be subject to challenge pursuant to this section. § 24.2-651 Any person who offers to vote, who is listed on the I – The EPB must disable all check in options if pollbook, and whose name is marked to indicate the voter's status is VOTED. that he has already voted in person in the election shall cast a provisional ballot as provided in § 24.2-II – The EPB must require a supervisor control to change the voter status from VOTED or add the 653. The State Board of Elections shall provide instructions to the electoral boards for the handling absentee status. and counting of such provisional ballots. § 24.2-651.1 The data disc or cartridge containing the electronic I – All reports produced by the EPB must contain election identification information. records of the election, or, alternately, a printed copy of the pollbook records of those who voted, shall be transmitted, sealed and retained as II – The removable media must be able to be required by this section, and otherwise treated as sealed, transportable, and retain information as the pollbook for that election for all purposes required. subsequent to the election. § 24.2-668(C) I – The EPB must notify and provide user Before the polls open, the officers of election at each precinct shall mark, for each person on the instructions for absentee and early voters ("AB"). absentee voter applicant list, the letters "AB" (meaning absentee ballot) in the EPB record column II – The EPB must require supervisor controls to on the pollbook. § 24.2-711 change the absentee status of a voter.

Functional Requirement	Test Assertions
Allows user to cancel a voter check-in. Requires supervisor controls prior to cancellation of a voter check-in. Provides ability to select reason for	I – The EPB must have the ability to cancel a voter check-in.
cancellation.	II – The EPB must provide the ability to select a reason for cancellation and provide an input for a supervisor password.
At voter check in, provide notification of "inactive" voter status, including on-screen instructions and options for processing the "inactive" voter.	I – The EPB must have the functionality to identify a voter that cannot be processed as a regular voter.
	II –The EPB displays on-screen instructions. III –The EPB allows selection of the appropriate document name that the voter is required to sign.
Provides the voter address look-up to redirect voters to the correct polling place. Contains additional functionality to include driving directions.	I – The EPB must contain a feature that allows the user to look-up voter's address to redirect them to the correct polling place. II – The EPB must contain a feature that includes
	driving directions.
Provides a variety of voter look-up capabilities, including first and last name, year of birth, address, District, and Voter ID. Enables each search to be filtered to reduce the number of records returned. Allows configuration of additional advanced search capabilities.	I – All search for voters must have the capability for an advanced search so results can be filtered on any combination of the following data: last name, first name, year of birth, address, District and Voter ID.

Maintain separate elections such as primary elections for multiple parties. Manage the voter list and counts by separate elections.	I – The EPB must have the ability to manage the voter list and count by party in a partisan election.
Allows configuration of on-screen poll worker instructions and messages without software changes.	I – The EPB must have a feature that allows for messaging and instructions to be editable without requiring a software update.
Allows configuration of document name(s) when a voter's status requires a document to be signed.	I – The EPB must have a feature that allows for configuration of document name(s) prior to Election Day without requiring a software update.
Ability to customize workflow requirements according to the State and/or jurisdiction requirements and preferences.	I – The EPB must be customizable so changes in workflow requirements and/or the change State procedures in the voter check-in process can be accommodated.
Provides the user with a continuous on-screen voter check-in count, customizable by specific category.	I – The EPB must display and automatically update the voter credits issued and synchronize with other units on a network.
Displays an opening screen to allow the user to confirm election date, polling place location, number of eligible voters, and zero voter check-in count prior to opening the polls.	I – The EPB must have a verification screen that displays the election date, polling place location, the number of voters for the location, and zero voter have checked in.
Users with minimal system knowledge should be able to configure and customize reports.	I – The EPB reporting module should be configurable and customizable by a user with minimal system knowledge.
Receive and process the voter registration and election information.	I – The Administrator of the EPB must be able to add, remove, update, and delete stored information.

	II – The EPB must be able to retrieve a specific voter from a list of provided voters and issue voter credit. III – The EPB must provide a verification that the voter and election data are accurately loaded in the EPB.
Accurately maintain whole and separate count(s) of voters distinguishable by Ballot Style (Voter's Party/primary, Precinct, and Precinct Split), Curbside Voter, Challenged Voter, Voter Status, Provisional, Absentees and Early Votes.	I – The EPB must be able to provide reports that distinguish voters by ballot style, party, precinct, precinct split, curbside voter, and voter status.
The EPB shall have the ability and the option to scan the barcode of a Virginia driver's license.	I – The EPB must be able to scan the barcode from the Virginia State Issued IDs: Driver's License.
	II – If the download is successful, display the voter name and address on the check-in screen. III – Display an appropriate message if the ID is not accepted.

System Requirement	Test Assertions
EPBs cannot connect to a Voting System at any time.	I – The EPB must not be required for the voting system to perform any functions, but may provide a digital code for the voter's ballot retrieval on Ballot Marking Devices.
	II – The EPB cannot connect to the voting system.

During an interruption of network connection, EPBs should retain and synchronize all voter activities upon restoration of connectivity.	I – The EPB must be networkable. Once networked together all EPB's must synchronize to the most current voter information. II – If network connectivity is lost, once restored
	all devices on the network must synchronize.
Perform data and operational integrity safeguard	I – The EPB must have a report that provides
tests including:	statistics on the duration of voter check-in
i. Ability to add or remove new units without	process and the maximum number of voters the
disturbing the existing units	configuration can handle.
ii. Power supply and battery life with an option	
to display power usage	
iii. Display appropriate message when the EPB	
device is operating at less than 20% of	
remaining power	
iv. Display appropriate error message when a	
voter is not counted	
v. Capacity/Load Test report to include the	
maximum number of voters the	
configuration setting can handle	
Performance report to include the optimal duration	
of check in process per voter.	
System monitoring and notification of system errors	I – The EPB must have battery status indicator
including:	and a peripheral connectivity indicator.
i. Perform a self-test for peripheral	
connectivity	II – The EPB must log all system errors and notify
ii. Visible display indicating power	the user of errors that can be corrected by the
supply/battery life	user.
iii. Visible display indicating system	
connections.	

Security Requirement	Test Assertions
Support the industry standard for clean wipe	I -The EPB must support the ability to write ones
method remotely and manually.	and zeros or shred all removable media.
Utilize security best practices for internet connectivity including network, wireless, and cloud services.	 I – The EPB must employ the following management techniques: Upgrade to a Modern Operating System and keep it up-to-date Exercise Secure User Habits Leverage Security Software Safeguard against Eavesdropping Protect Passwords Limited Use of the Administrator Account Employ Firewall Capabilities Implement WPA2 on the Wireless Network Limit Administration to the Internal Network
Comply with the latest encryption standard for all data including data-at-rest and data-in-transit. This requirement applies to all IT equipment including mobile and stand-alone.	I – All modules and data are cryptographic and are FIPS 140-2 compliant. II – The EPB's audit log must be encrypted, track
Comply with the NIST SP 800-63B or better digital identity guidelines for authentication and lifecycle management.	all transactions and include a date/time stamp. I – All passwords used by the EPB follow the NIST SP 800-63B Standard.
	II – All passwords used by the EPB must allow upper case, lower case, numbers, and special characters.
	III – The same password cannot be reused within at least the past 10 times.

	IV – The EPB requires passwords to be changed every 6 months.
	V – The EPB must provide the option to mask or unmask passwords at text entry.
Comply with the Access Management best practices for System Administrator and Network Administrator.	 I – The EPB must employ the following management techniques: Centralization of all components Role Based Access Control Employ Zero Trust Identity Security Use the Principle of Least Privilege Automated Onboarding Automated Off-boarding Orphaned Account Detection and Removal Multifactor Authentication Notification of failed logon attempts Notification of use of Privileged Accounts.
Harden the EPB System using the vendor's procedures and specifications.	I – The EPB Vendor must provide a system hardening specification for the system.
	II – Assessed via automated scanning tools (i.e. CIS L1 benchmarks).
Restrict connections to EPBs from the specified devices such as the printer and authorized USB at the polling place. Reject all connections from other external devices.	I – The EPB must restrict all ports to only allow known system components to communicate with the EPB and not allow unknown device to connect.
EPBs should be configured to synchronize data within the defined network only. Disable connection to all unauthorized network including publicly	I – The EPB must be networkable. Once networked together all EPB's must synchronize to the most current voter information.

accessible network. Any external connectivity must be IP whitelisted.	II - Any failure of a device can not impact the remaining units.
	III – The EPB must not connect to unauthorized networks.
	IV – The EPB must not allow connections that are not IP whitelisted.
Secure and reliable data transfers and display appropriate message for each data transfer to outside of the approved network including electronic data management system, central server and cloud data service.	I – The EPB must have success and failure message to the user for the transfer of data outside of the approved network.
When wireless is activated on an EPB device, there is a very visible means/mechanism that alerts others of this state.	I – The EPB effectively alerts others when the wireless state is activated on EPB device. (E.g. clearly visible indicator light on device, text alert, etc.)

Audit Requirement	Test Assertions
Transaction Logging and Audit Reports includes the	I – The EPB must have a transaction log
following details:	containing the following:
a. Audit trail of election data preparations	Records of election preparation
b. Transactions at the polling places	Records of transactions in the polling
c. View and export logs in a readable format	place
d. Identify and manage security incidents and	Human-readable logs
fraudulent activities	Ability to export logs
e. Track and resolve operational problems.	Identify and manage security incidents
	and fraudulent activities
	Track and resolve operational problems.

Reconciliation of data load to EPB to handle	I – The EPB must provide a verification that the
exceptions and discrepancies.	data loaded for the election was successful,
	accurate, and any discrepancies in the process
	handled.

E – Software Patching Guidelines

All vendors must comply with the policies, guidelines, and directives regarding software patching of EPB systems as adopted and modified by the SBE from time to time.

F - Recertification Guidelines

All vendors must comply with the policies, guidelines, and directives regarding recertification of EPB systems as adopted and modified by the SBE from time to time.

If there is evidence of a material non-compliance, ELECT will work with the vendor to resolve the issue, and ultimately the SBE reserves the right to decertify the EPB system.

An EPB system that has been decertified by the SBE cannot be used for elections held in the Commonwealth of Virginia and cannot be purchased by localities to conduct elections.

G – Hardware Guidelines

Memory devices or USB drives provided with the EPB system and/or supplied to localities must follow these standards:

- 1. Must be fully wiped per the DoD 5220.22-M wiping standard to prevent any preloaded software from being inadvertently installed on the systems
- 2. Must be cryptographic and FIPS 140-2 compliant
- 3. Must use SHA256 hashing algorithm or higher
- 4. Must comply with applicable Commonwealth information security standards
- 5. Must comply with applicable policies, guidelines, and directives as adopted and modified by the SBE from time to time.

H - EPB System Modifications & Product End of Life Planning

EPB System Modifications

The process for reporting modification will be determined by ELECT based upon policies, guidelines, and directives as adopted and modified by the SBE from time to time.

Product End of Life Planning

"End-of-life" (EOL) is a term used with respect to product (hardware/software/component) supplied to customers, indicating that the product is in the end of its useful life (from the vendor's point of view), and a vendor stops sustaining it; i.e. vendor limits or ends support or production for the product.

Product support during EOL varies by product. Depending on the vendor, EOL may differ from end of service life, which has the added distinction that a vendor of systems or software will no longer provide maintenance, troubleshooting or other support. For example, Extended Support is the period following end of Mainstream Support.

The definitions of Last Date of Mainstream Support and Extended Support, as applicable to decertification/recertification and associated policies and procedures, will be determined by ELECT based upon policies, guidelines, and directives as adopted and modified by the SBE from time to time. As of initial adoption of this standard by the SBE, the definitions are as follows:

<u>Mainstream Support</u>: The first phase of the product lifecycle; when support is complimentary <u>Extended Support</u>: The phase following Mainstream Support, in which support is no longer complimentary

Last Date of Mainstream Support: The last day of Mainstream Support

Policies and procedures applicable to decertification/recertification of EPB systems which contain software or hardware components that have and/or will reach the Last Date of Mainstream Support within 18 months, will be determined by ELECT based upon policies, guidelines, and directives as adopted and modified by the SBE from time to time.

An EPB system could still be decertified even if an upgrade plan is submitted. This could happen for a variety of reasons, such as a vendor is not showing progress in meeting their upgrade plan.

I – EPB Certification Application Form
Certification Recertification
The company officer or designee who is responsible for the Electronic Pollbook System should complete this form. With this signature, the company officer agrees to a release for the VSTL as well as other states that may have decertified the EPB to respond to any questions by ELECT. This application must be signed by a company officer and enclosed in the EPB Certification Request Package.
Check if you prefer to have the VSTL testing performed at another site to be specified which may require additional cost for the testing.
Name of Company:
Name and Title of Corporate Officer:
Contact Phone Number:
Email Address:
Primary Address of Company:
City, State, Zip Code:
Name of EPB System to be certified:
Version Number/Name of EPB System to be certified:
I reviewed and confirmed that the EPB meets the requirements of the Virginia Electronic Pollbook Certification Standard. My company will comply with additional requests in a timely manner to complete this certification.
Signature of Corporate Officer:
Date:

J – De Minimis Change Guideline

The SBE has adopted the EAC's De Minimis Change Guideline and applicable EAC Notice of Clarification of De Minimis Change Guidelines to manage a minimal hardware and/or software related change to a certified EPB system in a consistent and efficient manner. Software De Minimis Changes should have the following general characteristics:

- Update a discrete component of the system and do not impact overall system functionality
- 2. Do not affect the accuracy of the component or system
- 3. Do not negatively impact the functionality, performance, accessibility, usability, safety, or security of a component or system
- 4. Do not alter the overall configuration of the certified system
- 5. Can be reviewed and/or tested by VSTL personnel in a short amount of time (approximately less than 100 hours).

A vendor must submit the VSTL's endorsed package to ELECT for approval. A proposed De Minimis Change may not be implemented to the certified EPB system until the change has been approved in writing by ELECT.

VSTL Endorsed Changes

The vendor will forward to ELECT any change that has been endorsed as De Minimis Change by VSTL. The VSTL's endorsed package must include:

- 1. The vendor's initial description of the De Minimis Change, a narrative of facts giving rise to, or necessitating, the change, and the determination that the change will not alter the system's reliability, functionality, or operation.
- 2. The written determination of the VSTL's endorsement of the De Minimis Change. The endorsement document must explain why the VSTL, in its engineering judgment, determined that the proposed De Minimis Change meets the definition in this section and otherwise does not require additional testing and recertification.

VSTL Review

The vendor must submit the proposed De Minimis Change to a VSTL with complete disclosures, including:

- 1. Detailed description of the change
- 2. Description of the facts giving rise to or necessitating the change

- 3. The basis for its determination that the change will not alter the system's reliability, functionality, or operation
- 4. Upon request of the VSTL, the EPB system model at issue or any relevant technical information needed to make the determination
- 5. Document any potential impact to election officials currently using the system and any required notifications to those officials
- 6. Description of how this change will impact any relevant system documentation
- 7. Any other information the VSTL needs to make a determination.

The VSTL will review the proposed De Minimis Change and make an independent determination as to whether the change meets the definition of De Minimis Change or requires the EPB system to undergo additional testing as a system modification. If the VSTL determines that a De Minimis Change is appropriate, it shall endorse the proposed change as a De Minimis Change. If the VSTL determines that modification testing and recertification should be performed, it shall reclassify the proposed change as a modification. Endorsed De Minimis Change shall be forwarded to ELECT for final approval. Rejected changes shall be returned to the vendor for resubmission as system modifications.

ELECT's Action

ELECT will review the proposed De Minimis Change endorsed by a VSTL. ELECT has sole authority to determine whether any VSTL endorsed change constitutes a De Minimis Change under this section.

ELECT's Approval: ELECT shall provide a written notice to the vendor that ELECT accepted the change as a De Minimis Change. ELECT will maintain the copies of approved De Minimis Change and track such changes.

ELECT's Denial: ELECT will inform the vendor in writing that the proposed change cannot be approved as De Minimis Change. The proposed change will be considered a modification and requires testing and certification consistent with this Certification Standard.

De Minimis Change is not applicable to the EPB system currently undergoing the State Certification testing; it is merely a change to an uncertified system and may require an application update.

K – Early Voting Connection Requirements

The following <u>additional</u> requirements exist if the EPB Vendor utilizes the cloud to host EPBs for locality access during the Early Voting period:

- 1. Utilize security best practices for internet connectivity including network, wireless, and cloud services.
- 2. Utilize a cloud service provider (CSP) whose infrastructure and applications are NIST 800-53 certified through a third party entity.
- 3. Ensure that CSP SLA contains 3 major components: Service level objectives, Remediation policies, and penalties/incentives related to NIST compliance, exclusions, and caveats.
- 4. The connection via VPN must be FIPS 140-2 certified, whether it is a dedicated SSLVPN or just a dedicated connection. If a dedicated connection, thorough documentation must be provided.
- 5. If the EPB Vendor supplies the mobile devices, ensure compliance with NIST 800-53 in relation to these devices, as is done with the infrastructure.
- 6. Storage, processing, migration, access control, and detection to and from the cloud must be NIST 800-53 compliant.
- 7. Ensure the CSP is NIST certified by validating their credentials through their third-party certification provider. Ask for internal vulnerability/penetration testing reports, audit reports, incident reports, and evidence of remedial actions for any issues raised. Also verify tracking of mitigating action tracking mechanisms (POA&M tracking).

All vendors must comply with the policies, guidelines, and directives regarding Early Voting connection requirements as adopted and modified by the SBE from time to time.



* VIRGINIA * STATE BOARD of ELECTIONS

Stand by Your Ad

BOARD WORKING PAPERS Arielle A. Schneider Policy Analyst

Memorandum

TO: Chairman Brink, Vice Chair O'Bannon, and Secretary LeCruise

FROM: Arielle Anderson Schneider, ELECT Policy Analyst

RE: Revised Schedule of Penalties for Stand By Your Ad violations

DATE: September 15, 2020

Proposed Motion

I move that the State Board of Elections adopt the revised Schedule of Penalties for the purpose of assessing penalties for violations of Stand By Your Ad pursuant to the Code of Virginia § 24.2-955.3(A), effective immediately.

Background

In response to a request by the State Board of Elections, the Department of Elections re-examined the Schedule of Penalties for violations of Stand By Your Ad included in the campaign finance summaries required by the Code of Virginia §24.2- 946(A). ELECT presented the below proposal to the Board at its regularly scheduled meeting held January 28, 2020 for consideration and feedback, and now presents the below revisions for adoption.

The Code of Virginia § 24.2-955.3(A) requires that any sponsor of a print media advertisement be subject to a civil penalty of no more than \$1,000 per violation, and no more than \$2,500 for a violation that occurs within the 14 days prior to or on election day.

Revisions to the Schedule of Penalties

The following penalties will apply to statewide and General Assembly candidates, their campaign committees, and any other committee that sponsors advertisements regarding candidates for statewide office or the General Assembly. Committees sponsoring advertisements supporting multiple candidates, both for statewide or General Assembly and local or constitutional office, will be subject to the penalties assessed for statewide or General Assembly office.

Violations of Print Media advertisements regarding statewide or General Assembly offices shall be penalized as follows:

\$100 for a first time violation, except that multiple copies of certain advertisements (handcards, flyers, or business cards) shall result in the assessment of penalties for no more than five violations per printing;

\$300 for a violation found of an advertisement sponsored by a candidate or committee which has previously received a penalty under Virginia's Stand By Your Ad law, except that multiple copies of certain advertisements (handcards, flyers, or business cards) shall result in the assessment of penalties for no more than five violations per printing;

If the advertisement is disseminated or on display in the 14 days prior to or on the Election Day for which the advertisement pertains, the penalty will be doubled.

The following penalties will apply to candidates for local and constitutional office and their committees that sponsor political advertisements, in addition to any committee sponsoring an advertisement regarding candidates for local and constitutional office.

Violations of Print Media advertisements regarding local or constitutional offices shall be penalized as follows:

\$50 for a first time violation, except that multiple copies of certain advertisements (handcards, flyers, or business cards) shall result in the assessment of penalties for no more than five violations per printing;

\$100 for a violation found of an advertisement sponsored by a candidate or committee which has previously received a penalty under Virginia's Stand By Your Ad law, except that multiple copies of certain advertisements (handcards, flyers, or business cards) shall result in the assessment of penalties for no more than five violations per printing;

If the advertisement is disseminated or on display in the 14 days prior to or on the Election Day for which the advertisement pertains, the penalty will be doubled.

Furthermore, if by unanimous vote the Board agrees that both the seriousness of the offense(s) and harm to the public are low, the Board may replace any penalties assessed under this schedule for violations of print media advertisements regarding local or constitutional offices, with a \$25 penalty, as long as the sponsor has not previously violated Stand By Your Ad.



Stand By Your Ad

September 15, 2020 State Board of Elections Meeting

Print Media

- 1. Arika Phillips For CCPS School Board CC-19-00127
- 2. Devito Kuchenbuch Election Campaign cc-15-00047
- 3. Floyd Miles
- 4. Friends of Virginia CC-19-00343
- 5. Gilbert A. Smith
- 6. Larry Snow
- 7. Rob Tyler
- 8. Southamptom County Democratic Committee

Print Media (cont.)

9. Tyler House of Delegates

CC-12-01257

- 10. Gayle M. Gilmore CC-20-00041
- 11. Linwood W. Johnson, III
- 12. Tony Buffington CC-14-00363

Advertisement, 24.2-955.1

"Advertisement means any message appearing in the print media, on television, or on radio that constitutes a contribution or expenditure under Chapter 9.3"

Contribution or Expenditure, 24.2-945.1

"Contribution means money and services of any amount, in-kind contribution, and any other thing of value, given, advanced, loaned, or in any other way provided to a candidate, campaign committee, political committee, or person for the purpose of expressly advocating the election or defeat of a clearly identified candidate ... Contribution includes money, services, or things of value in any way provided by a candidate to his own campaign ..."

"Expenditure means money and services of any amount, and any other thing of value, paid, loaned, provided or in any other way disbursed by any candidate, campaign committee, political committee, or person for the purpose of expressly advocating the election or defeat of a clearly identified candidate ..."

Candidate, 24.2-101

"Candidate means a person who seeks or campaigns for an office of the Commonwealth or one of its governmental units in a general, primary, or special election and who is qualified to have his name placed on the ballot. ...

For the purposes of Chapters 9.3 and 9.5, "candidate" shall include any person who raises or spends funds in order to seek or campaign for an office of the Commonwealth, excluding federal offices, or one of its governmental units in a party nomination process or general, primary, or special election; and such person shall be considered a candidate until a final report is filed pursuant to Article 8 of Chapter 9.3."

1VAC20-90-30. Express advocacy.

When used in Chapter 9.3 (§ 24.2-945 et seq.) and Chapter 9.5 (§ 24.2-955 et seq.) of Title 24.2 of the Code of Virginia, "expressly advocating" or any variation thereof shall mean any communication that uses phrases such as "vote for," "elect," "support," "cast your ballot for," "Smith for Congress," "vote against," "defeat," "reject," or any variation thereof or any communication when taken as a whole and with limited reference to external events, such as the proximity to the election, that could only be interpreted by a reasonable person as containing advocacy of the election or defeat of one or more clearly identified candidates because (i) the electoral portion of the communication is unmistakable, unambiguous, and suggestive of only one meaning and (ii) reasonable minds could not differ as to whether it encourages actions to elect or defeat one or more clearly identified candidates.

Schedule of Penalties candidates for General Assembly or local candidates

Section 15.3 - Penalties for Candidates for General Assembly or Local Office

The following penalties will apply only to General Assembly or local candidates and/or their campaign committees which sponsor political advertisements.

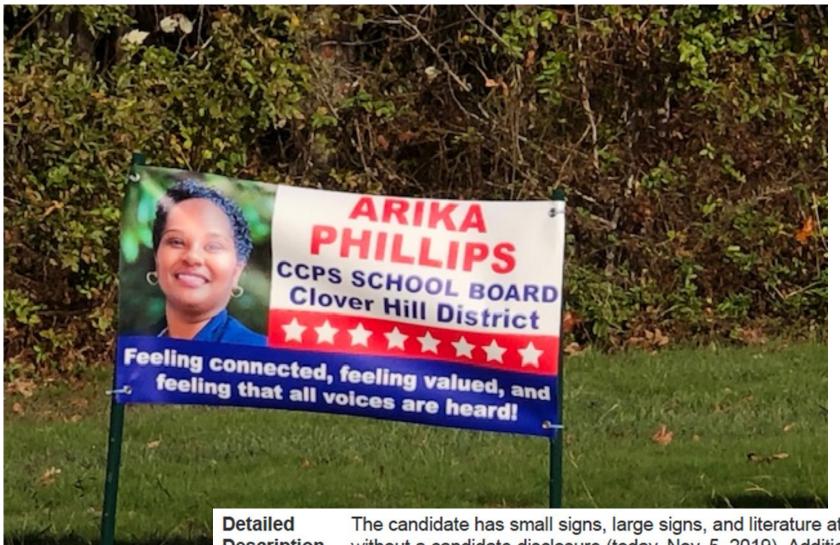
Print Media

Violators shall be assessed a penalty as follows:

- \$50 for a first time violation with explanation, apology and/or remedial measures taken
- \$100 for a first time violation without explanation, apology and/or remedial measures taken
- \$250 for any second violation
- \$500 for any third violation
- \$1000 for any fourth or subsequent violation

If the advertisement is disseminated or on display in the 14 days prior to or on the Election Day for which the advertisement pertains, the above penalties will be doubled and the maximum penalty would be \$2,500.

1. Arika Phillips for CCPS School Board CC-19-00127



Complaint by Joe Kusterbeck

Four (4) Signs
One (1) Banner
One (1) Flyer

Violation date 11/05/2019

Election Date 11/05/2019

Detailed Description of Violation

The candidate has small signs, large signs, and literature at all polling places in the Clover Hill district without a candidate disclosure (today, Nov. 5, 2019). Additionally, the candidate has had small campaign signs without a candidate disclosure throughout the district on public land and in private yards since the second week of October.



CHILDREN CAN'T CHOOSE A POLITICAL PARTY. ARIKA WILL BE A VOICE FOR ALL CHILDREN!



VOTE ARIKA PHILLIPS FOR SCHOOL BOARD! Arika is running because she C.A.R.E.S about ALL our children and our school communities!

C - Community Collaboration can help support the student, school faculty, and the learning environment. Those partnerships can also provide additional resources to help meet many of the complex needs of students and their families.

A - Assessing and Educating Students based on their Needs, Abilities, Talents, and Goals. In this way, we create a more individualized education that prepares every student for future success and competitive advantage by offering high-demand, diverse, and accessible career and technical programs as well as offering comprehensive college preparation.

R - Recruiting and Retaining Good, Quality, and Diverse Trauma-Informed Staff so the adults in the school community are prepared and eager to support all students, as well as proactively respond to students with disabilities and/or who have been impacted by toxic stress.

E - Emphasizing the Expansion of Early Education can allow students to begin at the same level as their poers and increase their academic success rate, but also create positive relationships with the school community and help develop self-regulation skills.

S - Student Safety is essential to student wellbeing and learning. Students who do not feel safe, valued, and supported at school cannot learn to their fullest potential nor can they truly connect to the school community. The lack of connection can lead to disciplinary issues, in which children who are suspended are more likely to be held back, drop out, and become involved in the justice system.



"It is through your eyes that a child will see, it is your strength that will make them stronger, they feel your passion and realness. You have nothing to prove to no one, those kids already feel your spirit, and I feel it too!"

-Jenny, CCPS mom

"I am supporting Arika because she truly cares about our community and our children. She wants all children to have the education that they need and deserve; no matter the circumstances. She has been devoted to public education for her entire life and she will be an amazing addition to our school board. I can't wait to watch her take the seat!"

-Bridget, CCPS morn

"I am confident that Arika will continue to fight hard for the students, families, and teachers in Chesterfield County, and will be the champion for quality education that the Clover Hill District deserves!"

-Dr. Roscoe Cooper III, HCPS School Board, Vice Chair

"Arika Phillips is an advocate for every child, she is the woman for the job of representing the children of Chesterfield County's Clover Hill District!"

-Mrs. Cheryl Burke, Retired Principal / RPS School Board Representative - 7th District

2. Devito Kuchenbuch Election Campaign CC-15-00047



2 Complaints by Case Clinger

One (1) Banner (only one side provided)
Two (2) signs

Violation Date November 3 and 5, 2019 Election Date November 5, 2019

Detailed Description of Violation 4x8 signs and yard signs. Do not state who or which party paid for them. several observed throughout the county.

Detailed Description of Violation In front of Floyd Elementary School, the Little River polling place.

A table was set up with Linda DeVito campaign signs, that was handing out cups of coffee to voters.

There were no statements on print media or coffee cups as to who paid. Linda Devito was present.



Devito Response

Dear Tammy Alexander,

It was my pleasure speaking with you today. I appreciate the assistance and guidance you gave me on this matter. You will see from the invoice attached and the pictures as well my signs did come into compliance.

The two at the table on Election Day were my final 2 from the car and I did not even notice decals were not placed on those with my committee information. I was up at 4am and set up in the dark at our precinct. I did not mean to not be in compliance. I went all over my district bringing my signs into compliance.

Please find attached the invoice for the decals & examples of the signs and a sticker.

I will be out of state next week and will not be able to attend the public meeting. If a meeting is still required, I ask for a continuance. I will be back in Virginia on Monday March 23rd late in the day.

If you have any other questions please do not hesitate to call.

Finn Graphics Inc. 220 Parkway Ln South #5 Floyd VA 24091 719-473-7821

SALESPERSON

Invoice

Invoice #: 00007025

TERMS

Total Amt.

Paid Today

Balance Due:

\$150.05

113 \$0.00 \$150.05

DATE

Bill To: Ship To:

Linda DeVito
Floyd, VA 24091

Linda DeVito
Floyd, VA 24091

YOUR NO. SHIP VIA

tili required, rask for a											
•					X			(C.O.D.	10/9/19	1
	QTY.	ITEM NO.		ESCRIPTION			PRICE	UNIT	DISC %	EXTENDED	TX.
	150			ecals - To bring signs to mpliance			\$0.55			\$82.50	X
	1	18	Sign - 2'x4'x4mm sign, two sided with grommets				\$60.00			\$60.00	X
		1.40.46	110.5			_	2.0	4 =			
nediation stickers purchased 10/9/19 for old signs from 2015 run											
rized & Paid for by DeVito Kuchenbuch Election Campaign											
	*****	****			FEE			REW	- 11	WWW.	
								Sa	ale Amt.:	\$142.50	
	Thank you!						Freight: Sales Tax:		\$0.00 \$7.55		
	l							_		4	

COL PPD SHIP DATE

				Remediation stickers
	ITO	Suc		Authorized & Paid for
	New signs for 2019			
5	R DISTR	& Paid for by DeVito Kuchenbuch		NG
2	Authorized	x Paid for by Devito Ruchenbuch	Election cumpaign	45.00

TC-FIGS

3. Floyd Miles

One (1) Pamphlet

Violation Date 10/18/2019

Election Date 11/05/2019

Delivered in person by Helen Payne-Jones 11/14/2019

Emergency Services

- Approved Charles City County to begin the process to a paid Fire/EMS Service
- Hired Director, Fire & EMS
- Adoption of State-Wide Fire Prevention Code approved
- Hired 6 Fire/EMS personnel to start 8/01/2019
- Fire Feasibility completed to determine new fire station location New Ambulance - October 2019
- Charles City County becomes a licensed EMS agency 2019

Community Engagement Projects

- Volunteer Banquet to honor community volunteers
- Concert Series 1st Friday's, June through September (no cost to citizens)
- Veteran's Day Program



- Grand Illumination Christmas Celebration First annual Fireworks
- Honor Charles City County Black Sox's - September 15, 2019, at Harrison Park

Other

- Increase funding for schools in spite of declining population 2012 - \$4,781,216; 2013 - \$4,782,684; 2014 - \$4,392,879; 2015 - \$4,436,732; 2016 - \$5,343,044; 2017 - \$5,478,222; 2018 - \$5,706,939; 2019 - \$5,504,573;
- 2020 \$5,700,089 \$600,000 internet grant to Roxbury
- Citizens internet launching in 2019

Industrial Park

Government Finance Officers Budget Award



Board of Supervisor District 3

Vote For Floyd H. Miles, Sr.



I'll Be There For You!

Tuesday, November 5, 2019

Charles City County Social Center 8320 Ruthville Road Ruthville, Virginia 23140 Thank you for allowing me to serve as the Charles City County District 3 Board of Supervisors member. It has been my pleasure to represent not only the District 3 constituents but all the citizens of Charles City County. Please see the most recent accomplishments that my colleagues and I have achieved:

Economic Development

Lawrence Lewis, Jr. Park - Boat Ramp Project (\$125,000)



- Emergency Medical Services 24/7 provided by ETS
- Approved shared services between county employees and schools on lawn care services and vehicle shared services
- Approval to borrow \$2.5 million dollars allocated to build the Library & Richard M. Bowman History Center Building



- Approved the naming of Courthouse: Iona W. Adkins Courthouse, Charles City, Va.
- Improved the Hideaway Wastewater Treatment Plant (\$1,484,506)



- Performance Agreement between Charles City County, Economic Development Authority of Charles City, and Chickahominy Power approved
- Performance Agreement between Charles City County, Economic Development Authority of Charles City, and C4GT LLC approved



- Construction of Natural Gas Power Plant estimating \$2 to 5 million dollars in annual revenue to Charles City County
- Sold 41.67 +/- Acres of Land to Greenrock materials to move operations to Charles City County.

2018 LOVE works Achievement Award from VACO



- Lodging tax on Bed & Breakfast
- Dollar General construction begins October 2019



- Upgrade Kimages Water/ Wastewater Treatment Plant
- Approved the sPower 340megawatt solar facility
- · Negotiated 5 acres for future fire station
- · Negotiated first 300 feet for future county development
- Opening of Charles City County Public Library - June 2019



114

Miles Response

September 9, 2020

Dear Tammy Alexander:

I spoke to you earlier about Floyd H. Miles, Sr. being hospitalized and unable to join join by Webex a meeting scheduled for September 15, 2020. I was told he will be in rehab for two weeks. When Mr. Miles found out that a mistake was found on his ad campaign pamphlet, he immediately had new ones reprinted. Below is a copy of the reprinted advertisement.

Sincerely,

Clem W. Miles

Emergency Services

- Approved Charles City County to begin the process to a paid Fire/EMS Service
- Hired Director, Fire & EMS
- Adoption of State-Wide Fire Prevention Code approved
- Hired 6 Fire/EMS personnel to start 8/01/2019
- Fire Feasibility completed to determine new fire station location
- New Ambulance October 2019
- Charles City County becomes a licensed EMS agency 2019

Community Engagement Projects

- Volunteer Banquet to honor community volunteers
- Concert Series 1st Friday's, June through September (no cost to citizens)
- Veteran's Day Program



- Grand Illumination Christmas Celebration
- First annual Fireworks
- Honor Charles City County Black Sox's - September 15, 2019, at Harrison Park

Other

- Increase funding for schools in spite of declining population
 2012 \$4,781,216; 2013 \$4,782,684;
 2014 \$4,392,879; 2015 \$4,436,732;
 2016 \$5,343,044; 2017 \$5,478,222;
 2018 \$5,706,939; 2019 \$5,504,573;
 2020 \$5,700,089
- \$600,000 internet grant to Roxbury Industrial Park
- Citizens internet launching in 2019
- Government Finance Officers Budget Award

VOTE



Floyd H. Miles, Sr.

Board of Supervisors District 3 Representative

November 5, 2019

(Paid for by Floyd H. Miles, Sr.)

Board of Supervisor District 3

Vote For Floyd H. Miles, Sr.



I'll Be There For You!

Tuesday, November 5, 2019

Charles City County Social Center 8320 Ruthville Road Ruthville, Virginia 23140

4. Friends of Virginia CC-19-00343





One (1) Sign

Complaint by William Pace

Violation Date November 5, 2019 Election Date November 5, 2019

This is a front and back of a sign that has not been presented to the Board in a previous meeting.

Detailed Description of Violation

Virginia Smith for Senate yard sign found without the campaign disclaimer near Palmer's Grocery on U.S. Route 15 & 360 just outside of Keysville in Charlotte County.

This is the second offense after she was charged with 35 previous Stand By Your Ad sign violations and it happened within two weeks of the election.

To the Departement of Elections,

I'm responding to the Stand by Your Ad complaint related to my 2019 run for state senate.

When I received notice of the initial violation related to the first-run printing of our campaign yard signs in September 2019, I instantly corrected the printing oversight. We had our Printer make labels to attach to the first-run yard signs. Then we distributed the labels to me, my staff, and our direct volunteers.

I traveled the 15th District from Prince George to Danville looking for signs that needed a "paid for by Friends of Virginia label" and attached the new label to over 300-yard signs.

Unfortunately, the picture in this complaint was taken on Election Day November 5, 2019. But, I assure you that each yard sign we saw or were aware of; we corrected it by attaching a "paid for by Friends of Virginia" label in before the hearing in September.

I question the motive of the photographer. It appears this yard sign was held onto in order to post and take a picture of it on Election Day to cause further financial hardship on me and my campaign.

During my first appearance before the Board of Elections in September 2019, I presented proof of the corrected yard signs by way of photographs. Although, the Board considered my effort to correct the mistake, you may recall, I received the highest fine ever imposed on a campaign in Virginia that day.

Today, I'm attaching a photo of the front and back of our corrected yard signs.

Stay Safe,

I hope to virtually meet with you on November 15th.

Smith Response





5. Gilbert A. Smith

One (1) pamphlet
One (1) postcard

Pamphlet delivered in person by Helen Payne-Jones 11/14/2019 (this is a 2nd pamphlet – we saw Mr. Smith at our last SBYA meeting)

Tell us WHERE and WHEN vou saw the ad(s). Add additional pages if needed.

Re-Elect Gilbert A. Smrth - at polling precinct 11-5-19

- at NAACH Forum 10-18-19

- in NKCC News 10-3 to 9-19

- at town Hall 10-7-19

Emergency Services

- Approved Charles City County to begin the process to a paid Fire/EMS Service
- Hired Director, Fire & EMS
- Adoption of State-Wide Fire Prevention Code approved
- Hired 6 Fire/EMS personnel to start 8/01/2019
- Fire Feasibility completed to determine new fire station location
- New Ambulance October 2019
- Charles City County becomes a licensed EMS agency 2019

Community Engagement Projects

- Volunteer Banquet to honor community volunteers
- Concert Series 1st Friday's, June through September (no cost to citizens)
- Votoran's Day Program



- Grand Illumination Christmas Celebration
- First annual Fireworks
- Honor Charles City County Black Sox's - September 15, 2019, at Harrison Park

Other

- Increase funding for schools in spite of declining population 2012 \$4,781,216; 2013 \$4,782,684; 2014 \$4,392,879; 2015 \$4,436,732; 2016 \$5,343,044; 2017 \$5,478,222; 2018 \$5,706,939; 2019 \$5,504,573; 2020 \$5,700,089
- \$600,000 internet grant to Roxbury Industrial Park
- Citizens internet launching in 2019
- Government Finance Officers Budget Award



Let Experience Represent You!



Re-Elect
Gilbert A. Smith
Board of Supervisor
District 1

Tuesday, November 5, 2019

New Vine Baptist Church 5100 John Tyler Memorial Highway Charles City, Virginia 23030

Election Date 11/05/2019

Thank you for allowing me to serve 28 years as your District 1 representative on the Charles City Board of Supervisors. It has always been my priority to make good decisions not only for District 1 citizens but all citizens of Charles City County. My most recent accomplishments have allowed my colleagues and me to accomplish the following:

Economic Development

 Lawrence Lewis, Jr. Park - Boat Ramp Project (\$125,000)



- Emergency Medical Services 24/7 provided by ETS
- Approved shared services between county employees and schools on lawn care services and vehicle shared services
- Approval to borrow \$2.5 million dollars allocated to build the Library & Richard M. Bowman History Center Building



- Approved the naming of Courthouse: Iona W. Adkins Courthouse, Charles City, Va.
- Improved the Hideaway Wastewater Treatment Plant (\$1,484,506)

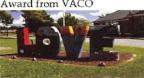


- Performance Agreement between Charles City County, Economic Development Authority of Charles City, and Chickahominy Power approved
- Performance Agreement between Charles City County, Economic Development Authority of Charles City, and C4GT LLC approved



- Construction of Natural Gas Power Plant estimating \$2 to 5 million dollars in annual revenue to Charles City County
- Sold 41.67 +/- Acres of Land to Greenrock materials to move operations to Charles City County.

 2018 LOVE works Achievement Award from VACO



- Lodging tax on Bed & Breakfast
- Dollar General construction begins October 2019



- Upgrade Kimages Water/ Wastewater Treatment Plant
- Approved the sPower 340megawatt solar facility
 - Negotiated 5 acres for future fire station
 - Negotiated first 300 feet for future county development
- Opening of Charles City County Public Library – June 2019



One (1) postcard

Complaint by Helen Payne-Jones

Violation Date October 7, 2019

Election Date November 5, 2019

Only provided one side and it appears the top has been cut off



Detailed Description of Violation 900 postcards for re-elect Gilbert A Smith mailed for town hall meeting on 10/07/2019 but does not indicate who authorized or paid for campaign materials.

PRSRT STD ECRWSS U.S. POSTAGE PAID EDDM RETAIL

VOTE FOR SPURGEON "BILLY" WADE FOR GREENE COUNTY SHERIFF

To Residents of Greene County,

Election Day is fast approaching!! Hopefully by now you have thought seriously about who you would like to serve and protect Greene County in the coming years.

Billy Wade, who is running for Greene County Sheriff against Steve Smith, is an excellent and worthy candidate. He is a man of his word who will not lie or mislead you. He will deal with cases fairly and honestly. Billy will be more involved with the daily operations of the Sheriff's Department and will work toward making Greene County a safer place to work and live. He will use his power as Sheriff to protect everyone, no matter who they may be.

In view of all the newspaper articles and media attention that my son and I have endured over the past few years, there are a few injustices and struggles that I would like to share with you.

It all began in April, 2015, with a shooting at my son's home. After repeatedly being asked to leave the premises and after lunging at my son, an uninvited guest was shot by my son. Important evidence in this shooting was totally ignored. An eye witness was never interviewed, and ballistic evidence at the scene was ignored. When asked why he did not interview the eye witness, the sheriff replied, "He DOESN'T LIKE ME - HE WILL GET ON THE STAND AND LIE." My son was charged with aggravated malicious wounding, which carried a sentence of 20+ years to life. Charges were later reduced to unlawful wounding with a sentence of up to 5 years. He was then offered a plea bargain so he pleaded guilty and was sentenced to one year and four months in jail. Unfortunately, this was just the beginning of a long scenario of incidents which have been set up, distorted and blown out of proportion. I am sure you have grown tired of the numerous "Snow" articles in the local papers.

On another note, drug dealers (who are also police informants) are receiving sentences of five years, with all five years being suspended. Specifically, this same drug dealer has been caught twice within a two-year period. The first charge was manufacturing drugs with a FIVE-YEAR SENTENCE SUSPENDED. The second time, he was charged with possession of heroin and given a five-year sentence with FOUR YEARS ELEVEN MONTHS SUSPENDED!!

You are probably thinking that this letter wreaks of "sour apples." Not so!! This is simply a plea to the Greene County residents to vote for Billly Wade for Sheriff of Greene County. We are in need of someone like Billy Wade who will maintain a fair and honest legal system. Under the current Sheriff, nothing is going to change. VOTE FOR SPURGEON "BILLY" WADE!!!

Larry V. "Percy" Snow

Vote for Spurgeon "Billy" Wade if you want to see fairness and honesty.

LOCAL POSTAL PATRON

6. Larry Snow

One (1) online complaint

Complaint by Jennifer Lewis-Fowler

Violation Date October 30, 2019

Election Date November 5, 2019 For candidate Spurgeon "Billy" Wade

Detailed Description of Violation On behalf of some Greene County citizens who received the attached flyer: The above candidate did a mass mailing. He filed a request for exemption on May 24, 2019 from having to file campaign reports however this flyer most likely cost more than \$1,000. It was distributed within the 11 days prior to the election but no large pre-election report was filed. And the mailing was bashing a candidate in a different race and praising an opponent in that race and it did not include the necessary verbiage "paid for and authorized by."

Good Afternoon Ms. Alexander,

Thank you for the letter dated August 27, 2020 informing me about a possible campaign violation in 2019. I was a candidate for re-election as the Commissioner of Revenue and was again elected to serve our citizens. I did not spend any money during my election campaign. I knew in early 2015 that I was going to send out a flyer in favor of a good person, if one should run, against the Sheriff. A Albemarle County Deputy, Billy Wade, decided to run against the sitting Sheriff. I didn't think then and I still don't think that the past and present Sheriff should be wearing a badge. It was my idea as a citizen of Greene County, to send out a flyer county wide, and tell the people of our county about some of the things he had done and was continuing to do. The cost of the printing and mailing was a little over \$3000. I am 71 years old so I will not use ignorance as a defense if I have done something wrong. I had plenty of time to gather information that was needed to do the flyer correctly. I apologize for the trouble I have caused and will accept any penalties that are imposed.

Respectfully,

Larry V. Snow

RE-ELECT Rob TYLER

Charles City Commonwealth's Attorney

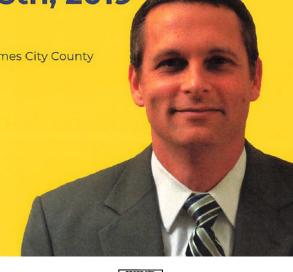
VOTE November, 5th, 2019

Experienced in the Job

12 years (3 terms) as Charles City's Commonwealth's Attorney
3 ½ years as Assistant to Commonwealth's Attorney of Williamsburg / James City County
Prosecuted thousands of cases as a Commonwealth's Attorney
15 consecutive years attending Spring Institute training for prosecutors
1 year as court appointed attorney for indigent defendants

Invested in the Community

24 year resident of Charles City County
7th generation of my family living in Charles City
Vestry member of Westover Episcopal Church
Treasurer of Charles City Educational Foundation
Member of Colonial Community Justice Board
Member and past president of Charles City Ruritan Club
Former Assistant Coach of Charles City High School Baseball Team
Lunch Buddy Program volunteer at Charles City High School



People of Charles City who Support the Re-election of Rob Tyler:

PRSRT STD ECRWSS U.S.POSTAGE PAID EDDM Retail

Chief Stephen Adkins- "I'm pleased with Rob's work and don't see any reason to make a change."

Doris Banks, former Deputy Sheriff – "Rob does a beautiful job. He looks out for the people."

B. Randolph Boyd, former Commonwealth's Attorney
- "Rob has proven to be an excellent Commonwealth's
Attorney. He is honest, diligent and makes good
judgement calls."

Sherry Cox, Chief Deputy Clerk of the Circuit Court - "As the clerk in charge of criminal court, I see Rob taking care of business every day. You can count on him to represent us in courts."

Victoria Cox-Washington, Circuit Court Clerk – "Rob has been great to work with for these past 4 years. He is a team player and a true public servant."

Charlie Hargis, former Charles City Investigator – "I worked with Rob for 7 years as a sheriff's deputy and an investigator. He is dedicated to his job and fair to everyone involved."

Edith Holmes, former Clerk of the Circuit Court - "Rob is a kind and hard-working person, who plays by the rules and gets good results for Charles City."

Sandy Hunkle, former Chief Deputy Clerk of the Circuit Court – "I worked closely with Rob Tyler for 10 years in the Court. I believe that he is the backbone of the justice system in Charles City, and is devoted to making our county safe from crime."

Local Postal Customer

Randolph & Edna Bates Cecelia Bradby LaKisha Roane Bradby Charles A. Brooks Rev. Roy Campbell Nathaniel & Marian Christian Ned & Sharon Christian Tim & Sammie Cotman

Rev. Roger Cox
Barbara Crawley
Thomas & Rita Crewe
Alfred Crump

Beatrice Banks

Rev. Sheila Crump Albert Ghee Henry & Josie Hayes Jan Haupt Mike & Patrice Hill

Jan Haupt Mike & Patrice Hill John Hofmeyer Audrey Holmes Michael Holmes

Herschel & Lesa Jones Paula Jones Thomas E. Jones, III Earl & Nadine Kirby Walter Loving Bobby & Linda Payne Althea Miles Lisa & Anna Post Dan & Wanda Roberts Archer & Sarah Ruffin Dr. Yvonne Smith-Jones Charlie Tench Almeda Tyler Jacquelyne Wallace Rev. Alton Washington B. A. Washington Willie Washington, III

Joanne Johnson

Frank Whiting

William Womack

7. Rob Tyler

One (1) Postcard

Hand delivered by Helen Payne-Jones November 14, 2019

3. Tell us WHERE and WHEN you saw the ad(s). Add additional pages if needed.

Re-Elect Rob Tyler - at polling precinct 11-5-19

Election Date November 5, 2019

Rob Tyler Response



Robert Tyler

Sep 2, 2020, 2:33 PM (21 hours ago)

to me 🔻

Ladies and Gentlemen of the Department,

I am guilty as charged.

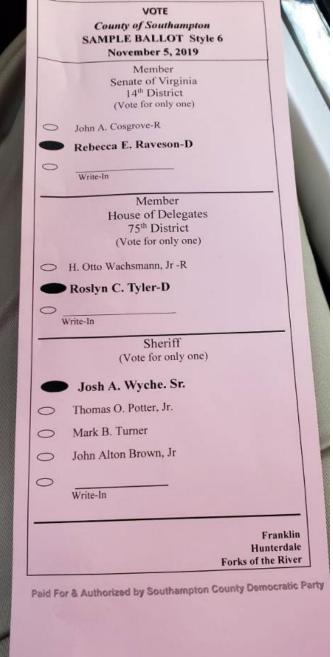
My only excuse is that it was an oversight on my part.

I will do my best not to let I happen again.

I hereby throw myself on the mercy of the forum.

Sincerely,

Robert Hugh Tyler

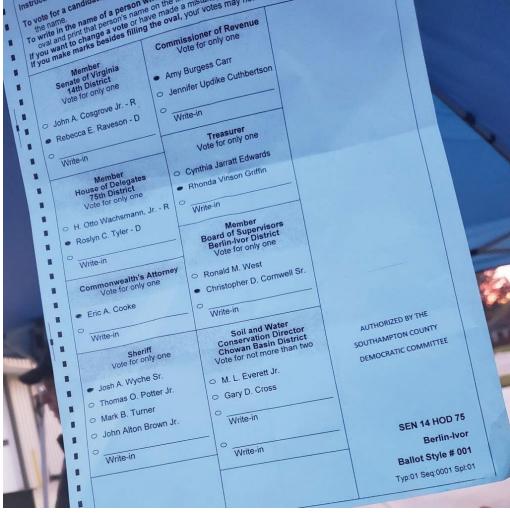


8. Southampton Democratic Committee

Two (2) Sample Ballots

2 Complaints by Jennifer Maynard Violation Date November 5, 2019

Election Date November 5, 2019



Detailed Description of Violation THESE WERE DISTRIBUTED AT A POLLING PLACE ON ELECTION DAY. AT LEAST ONE OF THE CANDIDATES DID NOT AUTHORIZE HIS NAME TO BE BUBBLED IN.

Southampton County Democratic Committee Response

---- Forwarded Message -----

From: Delores Rose < dyakarose@yahoo.com>

To: SBYA@elections.virinia.gov <sbya@elections.virinia.gov>

Sent: Monday, March 16, 2020, 09:47:41 PM EDT

Subject: Violation Complaint Hearing

I am just this date/day receiving the certified letter informing me of a hearing scheduled for tomorrow, March 17, 2020 in the Senate Room at the

State Capitol. I am unable to attend this hearing and if a continuance is not in order, I would like to have the following presented on my behalf.

I have attempted to access the Department of Elections website (http://www.elections.virginia.gov/media/formswarehouse/Board-Policies/SBE-Policy-2018-001-StandByYourAdHearings.pdf)
as referenced in my letter dtd. March 2, 2020, without success. I have looked over the forms that were attached to the letter and cannot identify them as forms that our Committee produced or reproduced. Our budget did not afford us to do mass copying and so we did NOT. We did have a limited number of Sample Ballots that we obtained from the reistrar's office (approximately 6) that we used in our monthly meeting to help our attendees (approximately 10) differentiate the precinct candidates as we were having a local election at the same time.

I have no idea who reproduced these sample ballots but became aware during the election that we were asked to stop giving out ALL sample ballots at ALL of the Southampton County

Precincts. Even those not presented here. We complied immediately. While I do chair the Southampton County Democratic Committee, I cannot assume responsibility for the actions of a whole community of people who would choose to act independently.

Respectfully, Yvonne Rose Southampton County Democratic Committee Chair

9. Tyler House of Delegates CC-12-01257

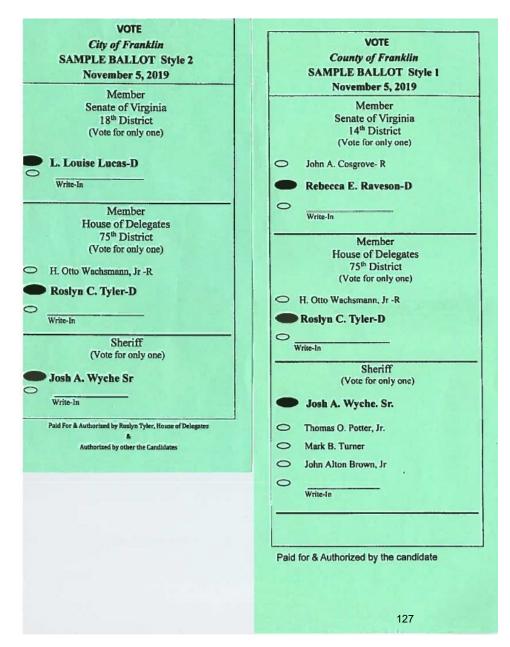
Two (2) Sample Ballots

Complaint by Jennifer Maynard

Violation Date November 5, 2019

Election Day November 5, 2019

Detailed Description of Violation THESE WERE DISTRIBUTED THROUGHOUT THE CITY ON ELECTION DAY WITH IMPROPER DISCLAIMERS. ONE OF THEM ALSO LISTS "COUNTY OF FRANKLIN." THEY WERE ALSO HANDED OUT IN THE WROND SENATE DISTRICT, CAUSING VOTER CONFUSION.



Candidate Response

Dear Ms. Alexander,

This letter is written in response to your communication dated March 2, 2020 regarding possible violation of Virginia's Stand by Your Ad Law on Tuesday, November 5, 2019 General Election. In the paragraphs below are the sequence of events that occurred regarding the sample ballot disclaimer.

My campaign worker was instructed to print the sample ballots including all Democratic candidates for precincts in the City of Franklin for the Tuesday, November 5, 2019 Election Day. Prior to printing the sample ballots, my campaign staff contacted the registrar of the City of Emporia, Ashley Wall, who stated that "paid and authorized" was acceptable to be placed on the bottom of the ballots prior to printing and delivering them to Franklin Democratic Party for dissemination.

However, late afternoon on election day, after a large turnout, I was contacted by Ricky Sykes, Chairperson of the Franklin Democratic party, who stated that the registrar, Jennifer Maynard, of the City of Franklin called him down to her office regarding inappropriate disclaimer at the bottom of the ballots and requested that he had to stop giving them out. While at the registrar office, Ricky telephoned me and I spoke to Ms. Maynard regarding ballots and she stated that the ballots could not be hand out. I did not agree with Ms. Maynard. Subsequently, I contacted the State Board of Election to talk to Chris Piper for clarification. Unfortunately, he was not available. Therefore, I did talk to David Nichols at the State Board of Election for clarification. David Nichols stated if there is one candidate name on the ballot then "paid and authorized" disclaimer was appropriate. He, then gave me the wording of the disclaimer that should be on the ballot with multiple candidates.

Consequently, within 1 1/2 hours later, campaign staff printed the new sample ballots with the correct disclaimer as instructed by David Nichols and delivered to Ricky Sykes, Chairperson of the Franklin Democratic Party in Franklin for dissemination.

I did not realize there was a typo on the ballot until receiving a letter from SBE with a copy of the 2 ballots regarding a complaint. Yes, it should have been the "City" of Franklin instead of "County" of Franklin on the ballots.

However, I would like to note that I represent all the City of Franklin due to new redistricting lines. Senator Cosgrove and Senator Lucas split the City of Franklin. This is the reason why two different sample ballots were printed based on precincts with democratic senate candidates Louise Lucas, Rebecca Raveson and my name. Therefore, to our knowledge, there was not any confusion among voters on election day.

I hope this letter clarifies the sample ballots concern. Should you have any additional questions, please feel free to contact me at 804 892-6875. Sincerely,

Delegate Roslyn Tyler

10. Gayle M. Gilmore - CC-20-00041

1 sign

SBYA Online Complaint by George Van Laethem

Violation Date 04-24-2020

Election Day 05-19-2020



Detailed Description of Violation

Campaign sign without "paid for" information. I have seen several of them, but it was unsafe to stop and photograph.

Gilmore Response









Re: Complaint Gayle M. Gilmore CC-20-00041

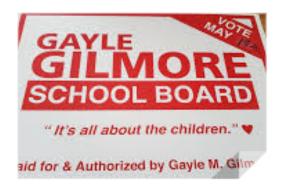
I am sorry for any possible violation of Virginia'a Stand by Your Ad law. Honestly, I was not aware of the law. I have read it and now I am. However, I had signs WITH the "paid for" information as well. See attachment.

Sincerely, Gayle M. Gilmore

--

Sent from Mail.ru app for Android





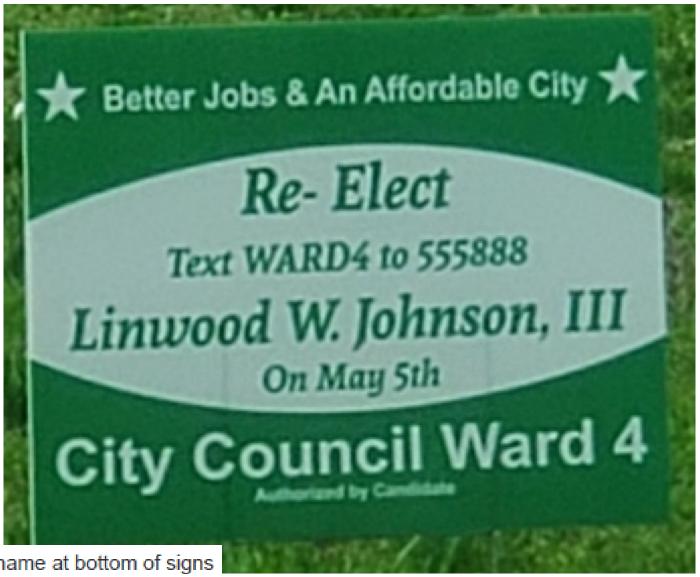
11. Linwood W. Johnson, III

1 sign

SBYA Online Complaint by Henri Porter

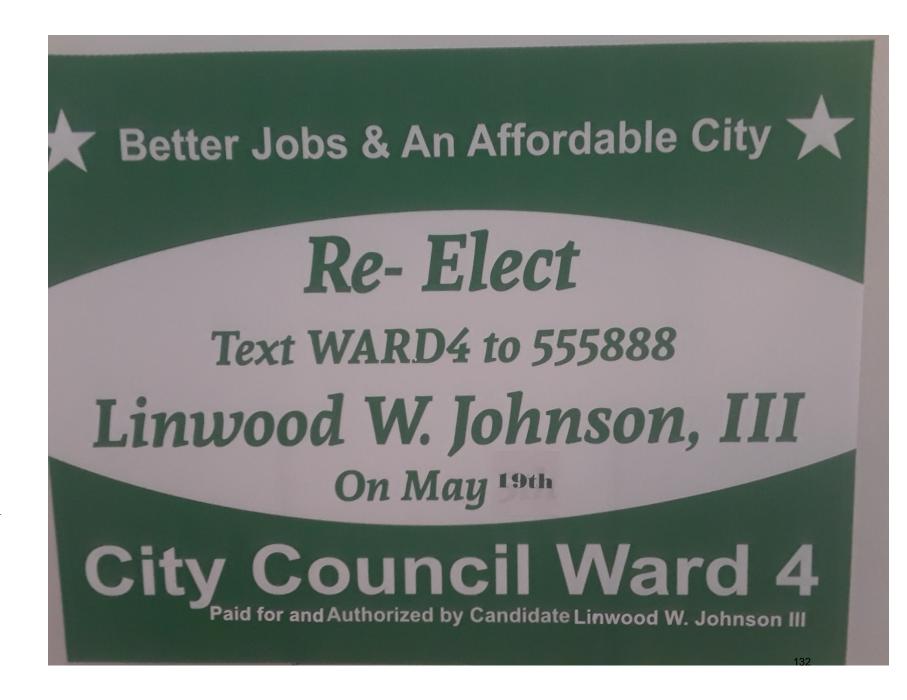
Violation Date March 27, 2020

Election Date May 19, 2020



Johnson Response

I am Councilman Linwood W. Johnson, III informing you that my campaign signs were corrected between March 28th and March 29th of this year. I am also sending you a picture of the corrected signs. Thank you.



12. Tony Buffington CC-14-00363



2 signs incomplete disclosure

SBYA Online Complaint by Christopher Bertraut

Violation Date 04-11-2020 Election Date June 4, 2020 For candidates Rayner, Chiasson, and Hickey

Complaint: Beverly Chiasson, Mary Lynn Hickey, and Erin Rayner currently have large signs throughout the Town of Purcellville that do not properly display their political disclosure statement.

Authorized and Paid for by Friends of Tony Buffington



Sign 1

Sign 2



Good morning Board members,

Thank you for the opportunity to respond to written notification from your offices of a complaint received by your staff regarding a paid advertisement sponsored in full by my campaign in support of three non-sponsoring but supportive candidates, approximately seven and a half weeks prior to the June 4th, 2020, Town of Purcellville election.

I would have attended your September 15th meeting in person; however, per your letter, your preference is to receive a written response (email) in advance of the meeting due to COVID-19.

This was the first time that my campaign has ever sponsored a sign in support of other candidates and I deeply regret that I was not fully aware of the specific legend/statement requirements for doing so. While I had the signs printed at a local print shop that routinely produces signage for campaigns and felt assured they would ensure the proper legend/statement requirements were met, I take full responsibility for my failure to actually ensure the proper legend/statement requirements were met prior to print.

Had I been notified of this oversight at any point prior too or while the signage was posted, I would have taken immediate corrective action, but that unfortunately did not occur until receipt of your letter this week.

Please rest assured that this was NOT a willful violation and that I have since researched and learned the proper requirements should my campaign ever decide to do this again in the future.

I apologize for this error, and thank you for taking the time to consider my response.

Respectfully,
Tony Buffington



Public Comment

BOARD WORKING PAPERS