LOGIC & ACCURACY PROTOCOL
TYPES OF BALLOTS

Paper Ballots

Proofed by the Secretary of State and transmitted to the print vendor for delivery to the Board of Elections.

- Early Voting
- Polling Place
- Mail Ballots

Electronic Ballots

Configured by the vendor (ES&S or Democracy Live) and proofed by the Secretary of State and loaded by the vendor(s) onto hardware or the online portal.

- ExpressVote
- Military & Overseas/Accessible PDF ballot

LOGIC & ACCURACY PROTOCOL
CERTIFICATION REQUIREMENT

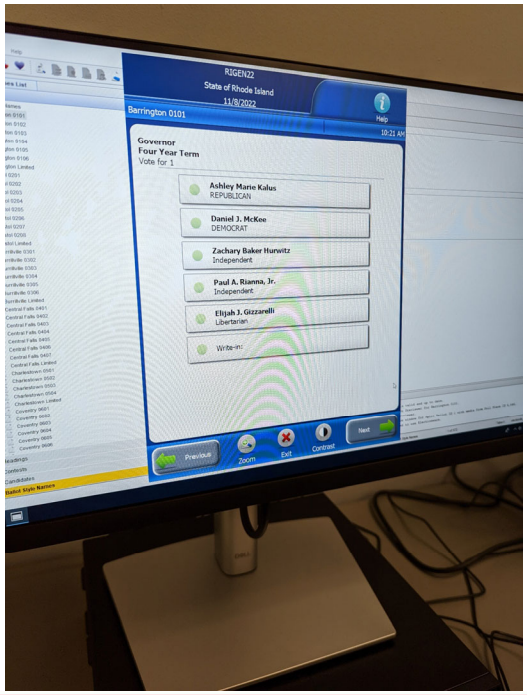
- Prior to L&A testing, the Secretary of State will certify to the Board of Elections that each ballot type has been checked for accuracy prior to being delivered to the Board of Elections or imported onto the ExpressVote or the portal.

- Paper ballots will be packaged by the BOE staff for delivery to Early Voting locations and the polls.

- Ballots will then be loaded onto ExpressVote hardware by ES&S, and made available to Military/Oversees/Accessible votes via the portal.

LOGIC & ACCURACY PROTOCOL
EXPRESSVOTE PROOFING

- ES&S has provided the Secretary of State with virtual screens of the ExpressVote ballots.
- On Saturday, 10/1 the Secretary of State began proofing the Spanish and English ExpressVote onscreen ballots.
- The process is expected to be completed tonight.



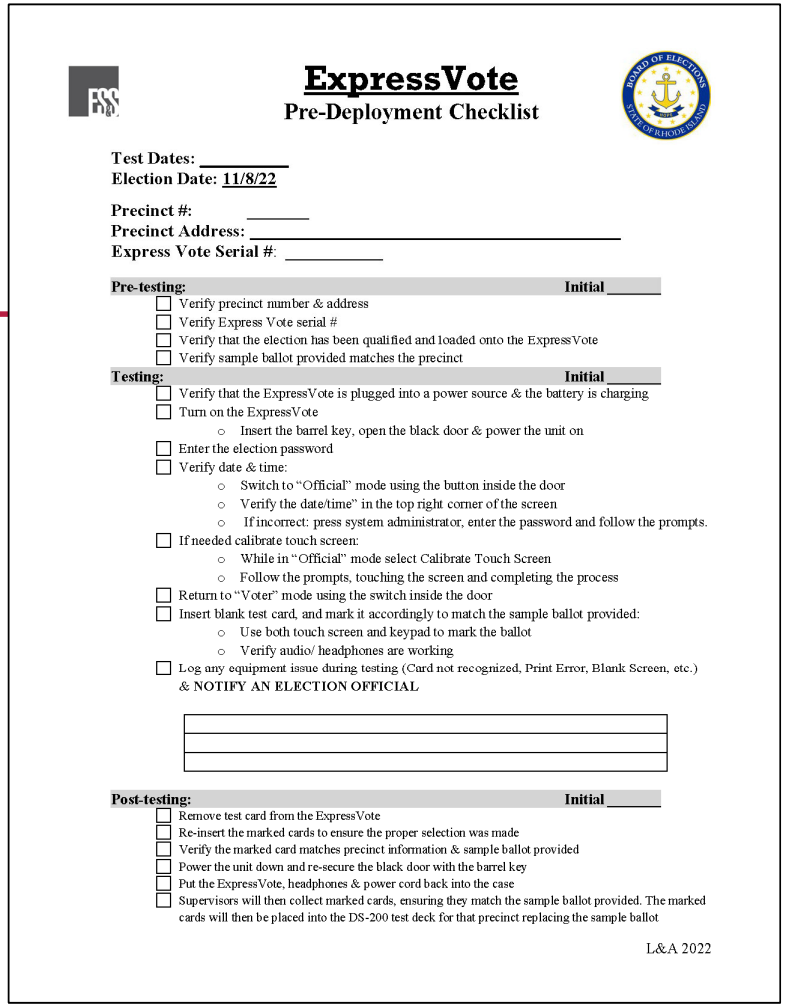
EQUIPMENT TESTING
COMMENCEMENT

- Testing is conducted during publicly noticed sessions, beginning on Oct. 6.
- Prior to testing, a printed report is generated from each DS200 and DS850 unit confirming zero vote totals are on each device.
- A report is also generated from the Board's Election Management System (EMS) to confirm the system contains zero vote totals.

EQUIPMENT TESTING
EXPRESSVOTE

- **522** ExpressVote units will be tested for Early Voting and Nov. 8th polling locations
- Each test is comprised of a 27-point checklist to check hardware and software functionality.
- Staff will use an alternating test ballot from the same precinct DS-200 test deck as a guide to marking the ExpressVote ballot.

EQUIPMENT TESTING
EXPRESSVOTE CHECKLIST



ExpressVote
Pre-Deployment Checklist

Test Dates: _____
Election Date: 11/8/22

Precinct #: _____
Precinct Address: _____
Express Vote Serial #: _____

Pre-testing: **Initial** _____

- ☐ Verify precinct number & address
- ☐ Verify Express Vote serial #
- ☐ Verify that the election has been qualified and loaded onto the ExpressVote
- ☐ Verify sample ballot provided matches the precinct

Testing: **Initial** _____

- ☐ Verify that the ExpressVote is plugged into a power source & the battery is charging
- ☐ Turn on the ExpressVote
  - Insert the barrel key, open the black door & power the unit on
- ☐ Enter the election password
- ☐ Verify date & time:
  - Switch to "Official" mode using the button inside the door
  - Verify the date/time" in the top right corner of the screen
  - If incorrect: press system administrator, enter the password and follow the prompts.
- ☐ If needed calibrate touch screen:
  - While in "Official" mode select Calibrate Touch Screen
  - Follow the prompts, touching the screen and completing the process
- ☐ Return to "Voter" mode using the switch inside the door
- ☐ Insert blank test card, and mark it accordingly to match the sample ballot provided:
  - Use both touch screen and keypad to mark the ballot
  - Verify audio/ headphones are working
- ☐ Log any equipment issue during testing (Card not recognized, Print Error, Blank Screen, etc.) & NOTIFY AN ELECTION OFFICIAL

Post-testing: **Initial** _____

- ☐ Remove test card from the ExpressVote
- ☐ Re-insert the marked cards to ensure the proper selection was made
- ☐ Verify the marked card matches precinct information & sample ballot provided
- ☐ Power the unit down and re-secure the black door with the barrel key
- ☐ Put the ExpressVote, headphones & power cord back into the case
- ☐ Supervisors will then collect marked cards, ensuring they match the sample ballot provided. The marked cards will then be placed into the DS-200 test deck for that precinct replacing the sample ballot

L&A 2022

Miguel J. Nunez
Deputy Director

EQUIPMENT TESTING
EXPRESSVOTE

- The staff will verify the **contest** and **candidate name** for each selection.
- At the final summary screen, staff member will verify the selections have been made properly and print the ExpressVote card.
- The staff member will reinsert the card to verify on the summary screen that the selections have been made accurately.
- The process will be repeated by a Spanish-speaking staff member for the Spanish-language ballot in bilingual communities.

EQUIPMENT TESTING
EXPRESSVOTE

- Another staff member will retrieve the ExpressVote card but will first verify the test card has been marked accurately.
- The card will then be returned to the test deck for the DS200 assigned to the same precinct and inserted to verify accurate tabulation.
- A total of **675** ExpressVote cards will be marked as part of testing.

EQUIPMENT TESTING
DS200

- **592** DS200 units will be tested for Early Voting and Nov. 8 polling locations.

- Each test is comprised of a 27-point checklist to check hardware and software functionality.

- **11** pre-marked test ballots will be inserted into each DS200 for English communities, and **17** ballots into each DS200 for Bilingual communities.

EQUIPMENT TESTING
DS200 CHECKLIST

DS200
Logic & Accuracy Checklist

Election Date: 09/13/22 **L&A Date:** 08/ /22

Precinct: 3201
City/Town: SOUTH KINGSTOWN
Precinct address: COMMUNITY RECREATION CENTER - MULTI PURPOSE ROOM
30 ST. DOMINIC RD
DS200 Serial: # 1980541
USB Drive Seal: # 50600001
Ballot Box Seal: # 6081114

Pre-testing: **Initial** _____

- ☐ 1. Verify Precinct number & address
- ☐ 2. Verify DS200 serial number
- ☐ 3. Verify USB Drive door seal number
- ☐ 4. Verify Ballot Box seal number

Testing: **Initial** _____

- ☐ 1. Plug in DS200 and make sure metal bar is locked in the down position
- ☐ 2. Lift Screen to power up unit
- ☐ 3. Enter Election Code –XXXXXX and Accept
- ☐ 4. Cancel Printing
- ☐ 5. Verify correct Poll Number and Open Polls
- ☐ 6. Cancel Printing
- ☐ 7. Go to Voting Mode
- ☐ 8. Feed Test Deck
- ☐ 9. Unlock door and press Close Poll button then Close Poll
- ☐ 10. Print report and stop after 1 complete results tape prints
- ☐ 11. Begin Modem Process and make sure "Results Sent Successfully" appears on screen
- ☐ 12. Remove all ballots from bin
- ☐ 13. Reopen Polls
- ☐ 14. Enter Override Code – XXXXXX and Accept
- ☐ 15. Clear Votes and press Clear Votes & Continue
- ☐ 16. Press "Report Options", Zero Totals, include affadavit
- ☐ 17. Print Report
- ☐ 18. "Cancel"
- ☐ 19. "Don't Open – Turn off"

Post-testing: **Initial** _____

- ☐ 1. Once results tape has been signed, remove tape
- ☐ 2. Change Paper roll if necessary
- ☐ 3. Sanitize DS 200
- ☐ 4. Close & lock USB drive door and affix seal
- ☐ 5. Close & **lock touch screen and cover**
- ☐ 6. Verify ballot box is empty and attach seal
- ☐ 7. Wrap up power cord and **lock door**
- ☐ **8. Verify all locks are locked**

L&A 2022

EQUIPMENT TESTING
DS200

- Upon insertion of all test ballots into the DS-200, the staff will generate the results and compare them to the results guide for that precinct to ensure accuracy.

- If there is a discrepancy, staff will notify a Supervisor to determine the cause, which is typically human error (i.e. ExpressVote marked incorrectly).

- Once the issue has been rectified, the unit is retested again.

- The results are uploaded to our Election Management System (EMS) for overall tabulation, and the unit is reset to zero, and a report is generated.

EQUIPMENT TESTING
DS850

- **3** DS850 high-speed tabulator units will be tested for the Nov. 8 election.
- **5,592** pre-marked test ballots will be run though each DS850.
- Test ballots are pre-folded to simulate real world tabulation of mail ballots.

EQUIPMENT TESTING
DS850

- A results report will be generated and compared to the test report for accuracy.
- The results will be uploaded to the EMS.
- The unit will be rest to zero vote totals and a report will be printed for verification.

EQUIPMENT TESTING
COMPLETION

- Once testing on all DS200 and DS850 units is complete, a summary report is generated from the EMS and reviewed for accuracy.
- The EMS is reset to zero and a report is generated as verification.
- The results are presented to the Board for approval of L&A testing.