

Chapter 12 – Ballot Marking Device

Overview.....	12-2
Required Supplies	12-3
Setup	12-3
Inoperable Ballot Marking Device	12-13
Prepare the Voter for Voting	12-14
<i>Screen Display Options</i>	12-15
<i>Using the Audio Headset and Keypad</i>	12-15
<i>Audio Instructions</i>	12-16
Activating the Ballot Marking Device	12-18
Write-In Votes (General Election Only)	12-20
Summary of Selections	12-22
Checking a Marked Ballot Activation Card Ballot	12-22
Printing the Ballot Activation Card Ballot.....	12-24
Closing the Ballot Marking Device.....	12-25

Overview

Each precinct will receive at least two ballot marking devices, but some will receive more than two. Chief judges are responsible for setting up all the ballot marking devices assigned to your precinct. Under the direction of the chief judges, the voting judges may set up the ballot marking devices. Challengers and watchers may observe opening procedures.

The ballot marking device lets voters mark their ballots independently, including voters with disabilities. Make sure the following policies about the ballot marking device are followed:

- Any voter may use the ballot marking device. DO NOT ask why the voter needs or wants to use it or ask for proof that the voter needs to use it.
- If a voter wants to use the ballot marking device, offer to explain the accessibility features.
- The election judge who gives a ballot to a voter must tell each voter:

"Would you prefer to mark your ballot using the ballot marking device or by hand using a pen?"

- Make sure that at **least ten voters** use a ballot marking device during the day. If ten voters have not used a ballot marking device **by 1:00 p.m.**, direct voters to use a ballot marking device until ten voters have used it. You may not force a voter to use a method of voting that the voter does not wish to use. However, you must ensure that at least ten (10) voters use a ballot marking device during the day.

There are several ways to mark a ballot activation card using the ballot marking device. The ballot marking device includes a touch screen and keypad (includes Braille). Voters may also use their own sip and puff device or rocker paddle device. Headphones will be provided to be used by voters, but voters may bring their own headphones if they prefer.

An audio ballot is available to all voters who use the ballot marking device. All accessibility features can be used with the audio ballot.

12-2 Ballot Marking Device

The ballot marking device also offers high-contrast and enlarged print viewing options. The accessibility features on the ballot marking device can be used in any combination to make ballot selections.

The ballot marking device is only a marking device. It **cannot record votes**. The ballot marking device acts as a pen that marks and prints the voter's selections. Then the voter's ballot activation card is put into the scanning unit. The scanning unit records the selections.



The ballot marking device must be ready to be used by voters before the polls open. Make sure the keypad and headphones are attached and ready to be used.

Required Supplies

- Ballot marking device barrel key
- *Ballot Marking Device Integrity Report*
- New tamper tape
- Pen
- Clipboard
- ADA table
- Screen cleaners for ballot marking devices
- Metal ring of ballot marking device guides

Setup

1. Remove the ballot marking device from the transportation cart.
2. Check that the shipping tag on the ballot marking device case shows the correct polling place. If the polling place is wrong, tell the chief judge right away to contact the Carroll County Board of Elections office by calling Eduardo at 410-386-2955, Isaac at 410-386-2097 or Kim at 410-386-2960.

Figure - Shipping Tag on the Ballot Marking Device Case



3. Take the ballot marking device in its case to where the polling place diagram found in the precinct binder says it should be. The location should maximize voter privacy.
4. Remove the ballot marking device, keypad, and headphones from the case. Remove the power cord from the side pocket of the case.

Figure - Ballot Marking Device Case



5. Hold the small circular plug of the power cord with the flat side up. Push it into the port on the back of the ballot marking device. The plug will click into place when properly connected. Plug the other end of the power cord into an electrical outlet.

Figure - Small Circular Plug in the Port of the Ballot Marking Device



6. Hold the bottom of the stand on the back of the ballot marking device. Pull out and extend the stand. Rest the ballot marking device on the stand. Position the ballot marking device on the designated table.

Figure - Setting Up the Ballot Marking Device



7. Check the serial number located on the top of the ballot marking device. Make sure it matches the number in column A of the *Ballot Marking Device Integrity Report*

Figure - Serial Number and the Ballot Marking Device Integrity Report

A



A

Maryland State Board of Elections
Ballot Marking Device Integrity Report - 2025 Gubernatorial Primary Election

Date: _____

Unit: _____

Attach all tamper tape removed from the Ballot Marking Device (BMD) during opening and closing to the back of this form.

REMEMBER: If any tamper tape is removed from the Ballot Marking Device (BMD) during voting hours, attach the removed tamper tape to the *Tamper Tape/Security Seal Removal Report* and explain why the tamper tape was removed.

BMD Unit #	OPENING			CLOSING	
	A.	B.	C.	D.	E.
	BMD Serial #	Side compartment tamper tape # at opening	New side compartment tamper tape # at opening	Record and remove side compartment tamper tape # at closing	Record new tamper tape # at closing
1	Verify	✓	Verify	✓	Record
2					
3					
4					

To the best of our knowledge, the information on this page is true and accurate.

Democratic Chief Judge: _____ Republican Chief Judge: _____

Judge(s) Assisting at Opening: _____

Judge(s) Assisting at Closing: _____

Revised 7.23.2025

- Check the tamper tape number located on the left side compartment door of the ballot marking device with column B of the *Ballot Marking Device Integrity Report*.

Figure - Side Compartment Tamper Tape and Ballot Marking Device Integrity Report

Side compartment tamper tape location.



B

Maryland State Board of Elections
Ballot Marking Device Integrity Report - 2025 Gubernatorial Primary Election

Date: _____

Unit: _____

Attach all tamper tape removed from the Ballot Marking Device (BMD) during opening and closing to the back of this form.

REMEMBER: If any tamper tape is removed from the Ballot Marking Device (BMD) during voting hours, attach the removed tamper tape to the *Tamper Tape/Security Seal Removal Report* and explain why the tamper tape was removed.

BMD Unit #	OPENING			CLOSING	
	A.	B.	C.	D.	E.
	BMD Serial #	Side compartment tamper tape # at opening	New side compartment tamper tape # at opening	Record and remove side compartment tamper tape # at closing	Record new tamper tape # at closing
1	Verify	✓	Verify	✓	Record
2					
3					
4					

To the best of our knowledge, the information on this page is true and accurate.

Democratic Chief Judge: _____ Republican Chief Judge: _____

Judge(s) Assisting at Opening: _____

Judge(s) Assisting at Closing: _____

Revised 7.22

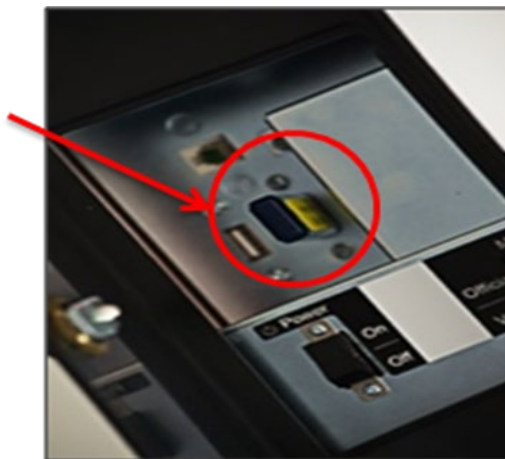
- Remove the tamper tape and place it on the back of the *Ballot Marking Device Integrity Report*.
- Use the ballot marking device barrel key to unlock and open the left side compartment door.

Figure - Side Compartment Door of the Ballot Marking Device



11. Make sure that the memory stick is installed. Tell a chief judge right away if the memory stick is not installed.

Figure - Memory Stick of the Ballot Marking Device



12. Make sure that the **"Mode"** switch is on **"VOTER."**

Figure - "Mode" Switch is on "Voter" of the Ballot Marking Device



13. Make sure that the keypad is plugged in before starting the ballot marking device.

Figure - Keypad Plug of the Ballot Marking Device



14. Flip the “Power” switch to the “On” position.

Figure - "Power" Switch to the "On" Position of the Ballot Marking Device



Do not touch the display screen while the ballot marking device is starting. The process is long, about 4 minutes. No reports will print.



15. Position the keypad cord so it threads through the circular opening at the top of the side compartment door.

**Figure - Keypad Cord at the Top of the Side Compartment Door
of the Ballot Marking Device**



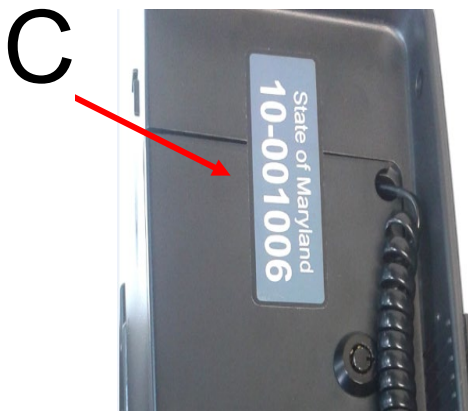
16. Plug the headphones into the audio port located on the front of the ballot marking device.

Figure - Headphones Plugged in to the Audio Port of the Ballot Marking Device



17. Close and lock the side compartment door using the ballot marking device barrel key.
18. Apply new tamper tape.
19. Write the new tamper tape number in column C of the *Ballot Marking Device Integrity Report*.

Figure - New Tamper Tape Number and the Ballot Marking Device Integrity Report



C

Maryland State Board of Elections
Ballot Marking Device Integrity Report - 2026 Gubernatorial Primary Election

Date: _____

all tamper tape removed from the Ballot Marking Device (BMD) during opening and closing to the back of this form.

REMEMBER: If any tamper tape is removed from the Ballot Marking Device (BMD) during voting hours, attach the removed tamper tape to the Tamper Tape/Security Seal Removal Report and explain why the tamper tape was removed.

BMD Unit #	OPENING				CLOSING	
	A. BMD Serial #	Side compartment tamper tape # at opening	C. New side compartment tamper tape # at opening	D. Record and remove side compartment tamper tape # at closing	E. Record new tamper tape # at closing	
1	Verify	✓	Verify	✓	Record	
2						
3						
4						

To the best of our knowledge, the information on this page is true and accurate.

Democratic Chief Judge: _____ Republican Chief Judge: _____

Judge(s) Assisting at Opening: _____

Judge(s) Assisting at Closing: _____

Revised: 7.23.2025

20. Install the privacy screen.

Figure - Privacy Screen around the Ballot Marking Device



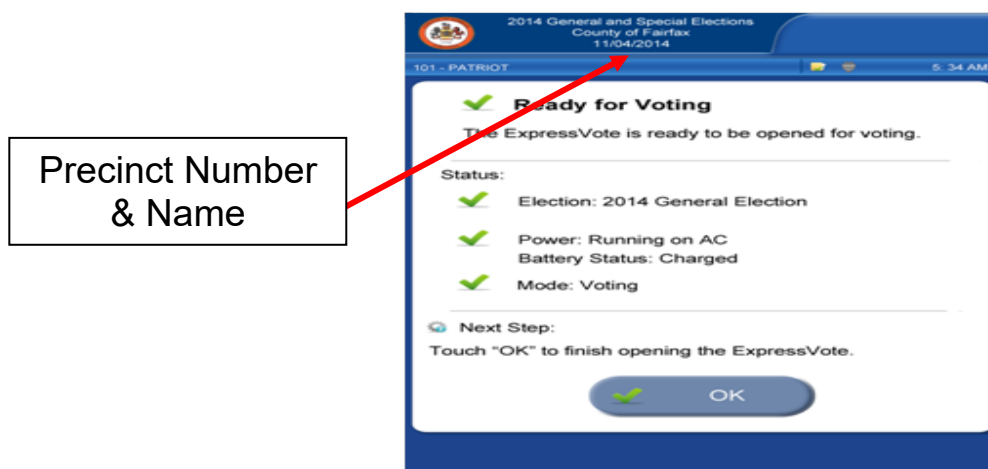
21. Get a chief judge to enter the election code and touch **“Accept.”**

Figure - Election Code on the Ballot Marking Device



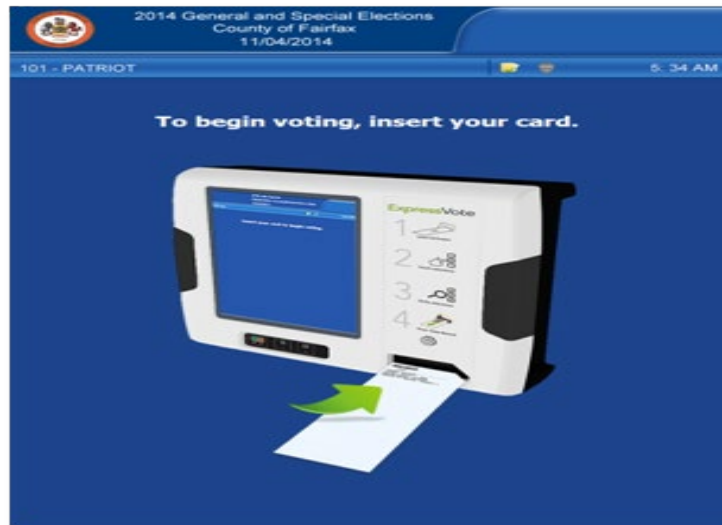
22. Make sure that the precinct number and name displayed on the screen are correct. Make sure the unit is receiving power. Touch **“OK.”** If the precinct number and name are not correct, the chief judge will contact the Carroll County Board of Elections.

Figure - Checking the Precinct Number & Name on the Ballot Marking Device



23. When the ballot marking device is ready to accept ballot activation cards, the following screen appears. Check that the election, county, date, and time are correct at the top of the screen.

Figure - "To begin voting, insert your card" Screen of the Ballot Marking Device



24. Return the case to the transportation cart. Return the key and *Ballot Marking Device Integrity Report* to a chief judge.
25. Repeat the steps above for all other ballot marking devices delivered to the precinct.

Inoperable Ballot Marking Device

In the event a ballot marking device becomes inoperable, the chief judge should be notified immediately. The chief judge must immediately report the issue to the Carroll County Board of Elections so that the machine can be repaired on-site or replaced.

The chief judge should inform all judges that the machine is inoperable and provide an estimate of when it will be fixed or replaced. **The chief judge should also record the instance in the *Election Day Log*.**

Should the voter wish to **make a complaint**, the voter must be given the Carroll County Board of Elections contact information.

- Email: ccboe@carrollcountymd.gov
- Call: 410-386-2081

Business cards with the Election Directors' information can be found in the precinct binder. Voters may also be provided with the email and phone number for the State Board of Elections.

If the voter had begun to fill out their ballot prior to the machine becoming inoperable, the chief judge should spoil the ballot in accordance with *"Replacement Ballots for Spoiled Ballots"* in Chapter 7 – *Issuing Ballots*.

Prepare the Voter for Voting

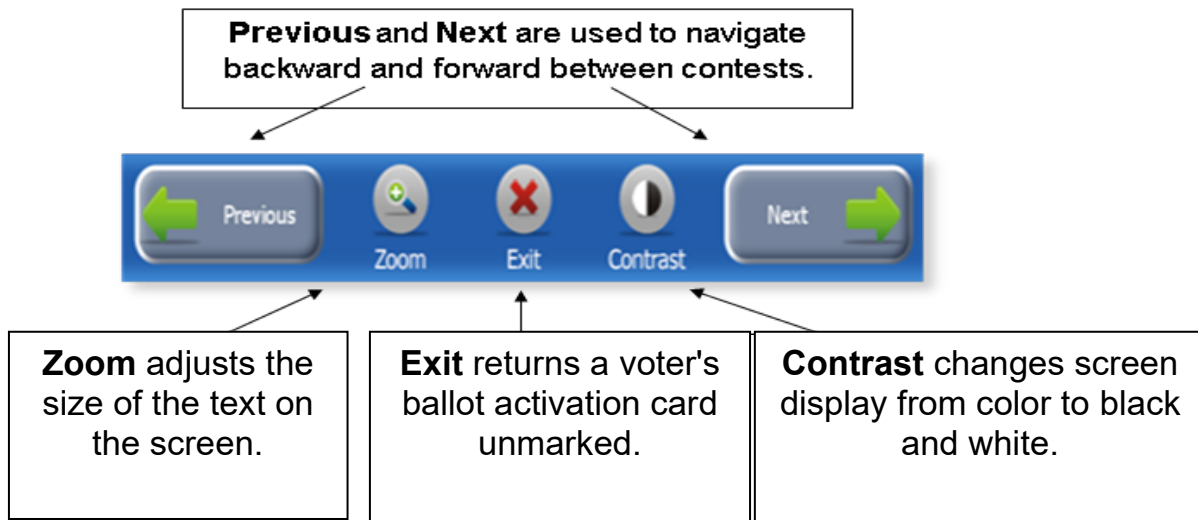
Voters who choose to use the ballot marking device will be issued a ballot activation card instead of a regular paper ballot. A voter will get the ballot activation card and a privacy sleeve from the voting judge at the ballot issuance table. The voter will also get a voter authority card from the check-in judge. The voter authority card will be placed in the clear pouch on the front of the privacy sleeve.

A voting judge will:

- Ask the voter for his or her voter authority card.
- Make sure that the voter authority card has been signed by the voter and initialed by the check-in judge.
 - Or, if the voter was unable to sign the voter authority card or mark an 'x' in the signature area, make sure the label stating : "This voter is qualified to vote but is unable to sign his or her name" was put on the voter authority card.
- The voting judge will select the correct ballot style and tell the voter how to use the ballot marking device. Make sure to visually and verbally confirm that the correct ballot style has been selected.
- Put the voter authority card in the clear pouch on the front of the privacy sleeve.
- Put the ballot activation card inside the privacy sleeve.
- Show the voter how to increase the text size and how to change the contrast. Read the *'Instructions for Voters using the Ballot Marking Device'* to every voter. Explain the audio option.

12-14 Ballot Marking Device

Screen Display Options



The “More” button will appear on the touchscreen when an additional page of contest choices is available to the voter. Voters must touch the “More” button to access the additional page. Voting judges are to instruct voters about the “More” button before the voter begins using the ballot marking device.



The ballot marking device will display a warning message after 5 minutes of inactivity.

Using the Audio Headset and Keypad

Figure - Keypad of the Ballot Marking Device



The keypad is secured on the side of the ballot marking device and the headphones are plugged into the audio port located on the front of the ballot marking device.

- Show the voter how to adjust the volume (horizontal rectangle shape).
- Give the headphones to the voter and tell the voter to put on the headphones.
- Assist the voter if you are asked.



Once the ballot activation card is identified, the ballot marking device immediately begins playing the voting instructions and provides an overview of the keypad functions.

Audio Instructions

The audio instructions include:

1. Press **Screen (diamond shape)** to turn the touchscreen display off.
2. Use **Tempo (horizontal oval shape)** on the right side of the keyboard to speed up or slow down the audio.
3. Use **Volume (horizontal rectangle shape)** on the right side of the keypad to adjust the volume of the audio.
4. Use **Down Arrow** on the keypad to scroll through available language options. Press **Select (square shape)** to select desired language and to begin voting.
5. Press **Right Arrow** to proceed to the first contest. The ballot marking device provides an audio reading of contest information, including name, number of permitted selections, and number of candidates or choices.
6. Press **Down Arrow** to scroll through candidates or choices, which are read to the voter as they scroll.
7. Press **Select (square shape)** to make a selection after the selection has been read.
8. To change a selection in a “vote for one” contest, press **Down Arrow** or **Up Arrow** to scroll through selections. Press **Select (square shape)** to

12-16 Ballot Marking Device

make a new selection. The new selection replaces the previous one. A voter cannot **overvote** in a “vote for one” contest.

9. To change a selection in a “vote for more than one” contest, press **Down Arrow** or **Up Arrow** to scroll through selections. Press **Select (square shape)** to remove previous selection. Press **Down Arrow** or **Up Arrow** to scroll through selections. Press **Select (square shape)** to make a new selection.

If the voter attempts to **overvote** in a “vote for more than one” contest, the voter will be alerted that they must remove one of their selections and make a new selection, as described above.

10. To select a write-in (general elections only), press **Down Arrow** to navigate to the write-in option. Press **Select (square shape)**. The ballot marking device will begin playing write-in instructions and provides an overview of keyboard functions. Press **Down Arrow** or **Up Arrow** to scroll through letters. Press **Select (square shape)** to choose a letter. When finished, press **Right Arrow**. The ballot marking device returns to contest and repeats the write-in selection.
11. If a voter **undervotes** a contest, the ballot marking device will alert the voter that they may select more choices in the contest or confirm that they wish to vote for fewer choices than allowed. The voter is instructed to use the **left arrow** to make an additional selection or use the **right arrow** to select fewer choices than allowed.
12. After the voter is finished making their selection, the voter is instructed “this is a summary of your selections.” The voter can use the **up arrow** and **down arrow** to scroll through the selections. For each selection, the question and selection are summarized to the voter.

When a contest is undervoted, the voter is instructed that the “contested is not fully voted.” The voter is instructed to use the **right arrow** to accept the current selection. The voter is instructed they may use the **left arrow** to go back to the undervoted contest.

If the voter returns to the undervoted contest, they can choose to make an additional selection or accept the undervoted contest. If the voter accepts the undervoted contest, they are alerted that the contest is undervoted. The ballot marking device returns to the “Summary of Selections” and provides a summary of the selections to the voter.

13. To change a selection when a voter has read the “Summary of Selections,” the voter is instructed that they can press the **left arrow**. After changes are made, the voter is instructed to press the **right arrow**. The ballot marking device returns to the “Summary of Selections” and summarizes the voter’s selections. When the voter is finished reviewing the selections, touch the **square key** to continue to print the card.

Activating the Ballot Marking Device

The ballot marking device display will read “To begin voting, insert your card.”

The ballot marking device will begin playing the audio instructions when a ballot activation card is inserted. When a voter chooses to use the audio ballot, make sure the voter has the headphones on, and the volume is loud enough prior to inserting the ballot activation card.

1. Tell the voter to insert the ballot activation card into the slot with the slanted corner of the card to the top right.

Figure - Slanted Corner of the Card to the Top Right of the Ballot Marking Device



2. For consolidated precincts, the screen will display a list of precincts. Select the precinct number indicated on the voter authority card.

VOTER AUTHORITY CARD
2022 GUBERNATORIAL PRIMARY ELECTION

Party: **UNA**
DIST/PREC: 004-004 CONG=02; LEGIS=42C
EPB Number: CARROEL-984

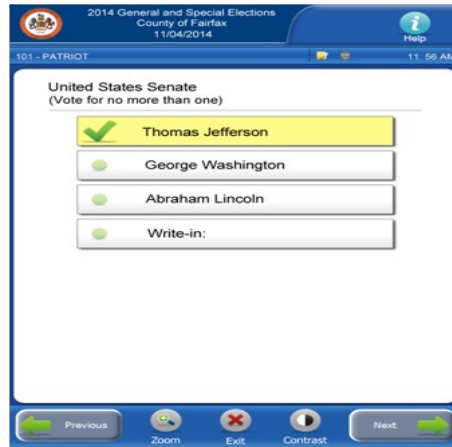
Ballot Style: **NON 10 | BMD: NON 110**

Issued: 12/08/2023 09:11:45 Issued By: usr07004003b
Issuing Consolidation: 07004003

Reason: 0

3. The screen will display a selection menu of ballot styles.
4. Use the ballot style number printed on the voter authority card to select the correct ballot style for the voter. Touch the correct ballot style number on the touch screen display.
5. Put the voter authority card back into the clear pouch on the privacy sleeve.
6. Stand to the side of the ballot marking device to ensure voter privacy while giving instructions to the voter.
7. Tell the voter to select a candidate or contest choice by touching the oval or anywhere on the line. Once selected, the selection turns yellow, and a green check mark appears next to the candidate or contest choice.

Figure - Candidate or Choice Selection on the Ballot Marking Device



- To change a selection in a “vote for one” contest, touch the oval or anywhere on the line of the new selection. The selection turns yellow, and a green check mark appears next to the candidate or contest choice.
 - To change a selection in a “vote for more than one” contest, remove the previous selection by touching the green checkmark or anywhere on the line of the previous selection. To make a new selection, touch the oval or anywhere on the line of the new selection. The selection turns yellow, and a green check mark appears next to the candidate or contest choice.
8. Touch “Previous” or “Next” to navigate backward and forward between contests.



The “More” button will appear on the touchscreen when an additional page of contest choices is available to the voter. Voters must touch the “More” button to access the additional page. Voting judges are to instruct voters about the “More” button before the voter begins using the ballot marking device.

Write-In Votes (General Election Only)

To select a write-in candidate, touch “Write-In.” The screen displays a keyboard. Enter the write-in name using the keyboard and then touch “Accept.”

Figure - "Enter Write-In Name" Screen of the Ballot Marking Device

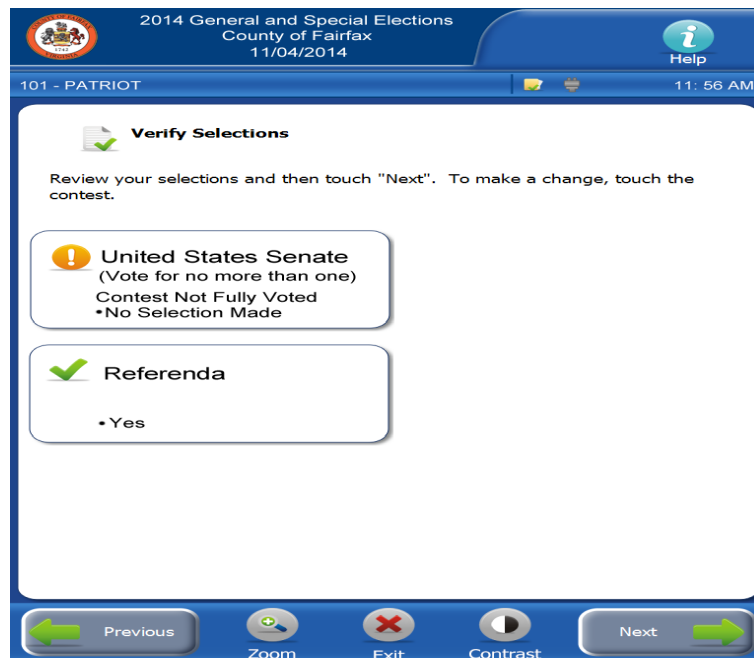
The screenshot displays the 'Enter Write-In Name' interface on a Ballot Marking Device. At the top, the header includes the Virginia state seal, the text '2014 General and Special Elections County of Fairfax 11/04/2014', a 'Help' icon, and a status bar with '101 - PATRIOT' and '11: 56 AM'. The main area features a text input field with a pencil icon. Below it is a virtual keyboard with letters Q through M, hyphen/apostrophe, and space. At the bottom of the keyboard are 'Clear', 'Space', and 'Backspace' buttons. Below the keyboard are two large buttons: a green 'Accept' button and a red 'Cancel' button. At the very bottom of the screen are 'Zoom' and 'Contrast' icons.

To clear a write-in, touch the green checkmark or anywhere on the line of the write-in selection. The screen displays a keyboard. Touch "Clear" and then touch "Accept."

Summary of Selections

After the voter is finished making his or her selections, a “Summary of Selections” screen displays. Undervoted contests are marked with an orange exclamation point. All other contests are marked with a green checkmark.

Figure - Summary of Selections Screen of the Ballot Marking Device



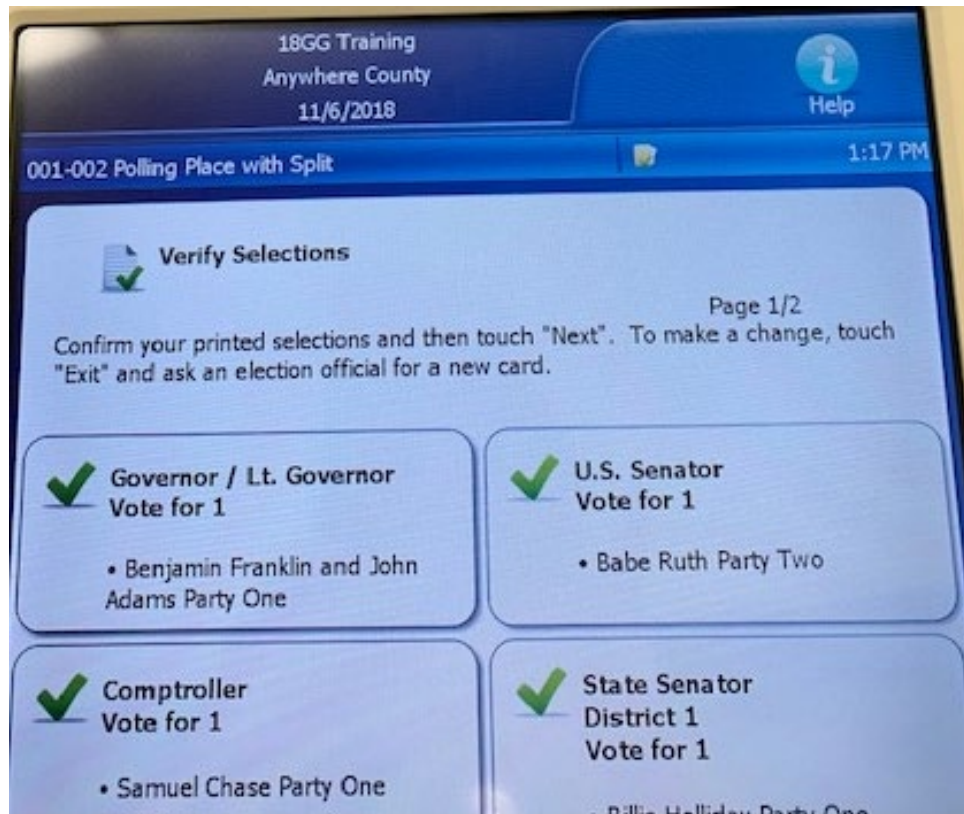
To change a selection when a voter is on the “Summary of Selections” screen, the voter can touch the contest they want to change. That contest will show on the screen. After changes are made, touch “Next.” The ballot marking device returns to the “Summary of Selections” screen. When the voter is finished reviewing the selections, touch “Next” to continue to the “Print Card” screen.

Checking a Marked Ballot Activation Card Ballot

The ballot marking device allows a voter to put the marked ballot activation card ballot back into the input slot to confirm the voter’s selections. This is for confirmation purposes only. No changes can be made. The voter will only be able to view or hear the summary of his or her selections. If the voter wishes to make a change, the ballot must be spoiled, and the voter must ask for a new ballot. See “Replacing Ballots and Ballot Activation Cards” in *Chapter 7 – Issuing Ballots*.

1. Tell the voter to put the ballot activation card ballot into the input slot with the slanted corner of the card to the right.
2. The screen will show instructions on how to review the selections.

Figure - "Verify Selections" Screen of the Ballot Marking Device



3. Touch "Next" to access the "Summary of Selections" screen.
4. Review the selections. When finished, touch "Next" again. Then touch "Print Card" to eject the ballot activation card ballot. The printed ballot activation card ballot ejects from the input slot.

Printing the Ballot Activation Card Ballot

1. To print the ballot activation card ballot, touch "Print Card." The ballot activation card ejects from the ballot marking device showing the selections made by the voter.

Figure - "Print Card" Screen of the Ballot Marking Device



2. Tell the voter to put the printed ballot activation card ballot into the privacy sleeve. Make every effort to avoid seeing the voter's selections printed on the ballot activation card.
3. Direct the voter to the scanning unit to cast the ballot activation card.
4. Tell the voter to give the voter authority card to the voting judge at the scanning unit. If the voter needs help putting the ballot activation card in the scanning unit, tell the voter to ask the voting judge for help.

Closing the Ballot Marking Device

1. Remove the privacy screen.

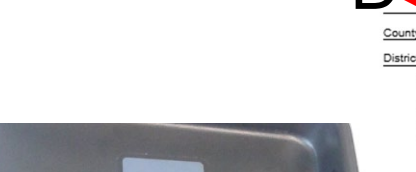
Figure - Removed Privacy Screens of the Ballot Marking Device



2. Write down the left side compartment tamper tape number in column D of the closing section of the *Ballot Marking Device Integrity Report*.

Figure - Tamper Tape Number and Ballot Marking Device Integrity Report

D



Maryland State Board of Elections

Ballot Marking Device Integrity Report - 2026 Gubernatorial Primary Election

County: _____
Date: _____

District/Precinct: _____

☐ Attach all tamper tape removed from the Ballot Marking Device (BMD) during opening and closing to the back of this form.

REMEMBER: If any tamper tape is removed from the Ballot Marking Device (BMD) during voting hours, attach the removed tamper tape to the *Tamper Tape/Security Seal Removal Report* and explain why the tamper tape was removed.

BMD Unit #	OPENING					CLOSING	
	A. BMD Serial #		B. Side compartment tamper tape # at opening		C. New side compartment tamper tape # at opening	D. Record and remove side compartment tamper tape # at closing	E. Record new tamper tape # at closing
	Verify	✓	Verify	✓	Record		
1							
2							
3							
4							

To the best of our knowledge, the information on this page is true and accurate.

Democratic Chief Judge: _____
Republican Chief Judge: _____

Judge(s) Assisting at Opening: _____

3. Remove the tamper tape from the side compartment. Attach it to the back of the *Ballot Marking Device Integrity Report*.
4. Use the ballot marking device barrel key to unlock and open the side compartment door.

Figure - Opened Side Compartment Door of the Ballot Marking Device



5. Flip the **"Power"** switch to the **"Off"** position.

Figure - "Power" Switch to the "Off" Position of the Ballot Marking Device



- Close and lock the side compartment. Apply new tamper tape and write down the number in column E of the *Ballot Marking Device Integrity Report*.

Figure - Side Compartment and *Ballot Marking Device Integrity Report*

E



E

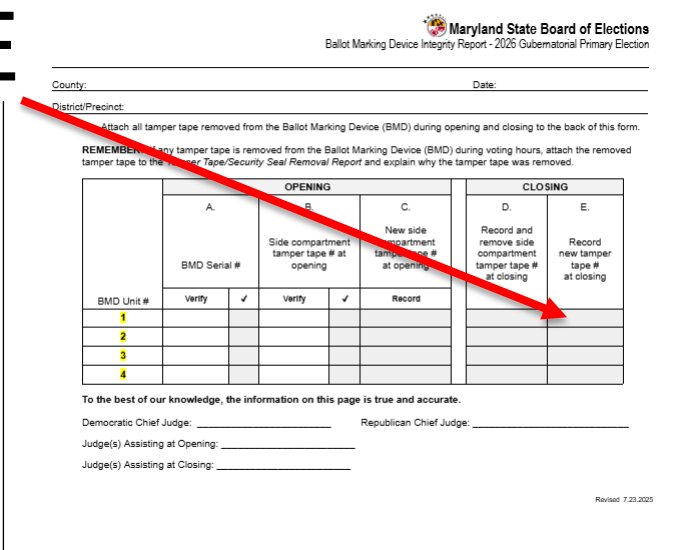


Figure - Side Compartment and *Ballot Marking Device Integrity Report*

- Close the stand on the back of the ballot marking device. It will snap into place.

Figure - Stand on the Back of the Ballot Marking Device



- Remove the power cord from the back of the ballot marking device by sliding the sheath on the plug back while gently pulling the plug out.

Figure - Power Cord on the Back of the Ballot Marking Device



9. Pack up the ballot marking device. Place the keypad and headphones back into the carrying case. Return the power cord to the carrying case side pocket.

Figure - Carrying Case of the Ballot Marking Device



10. Return the ballot marking device to the transportation cart. Sign the *Ballot Marking Device Integrity Report* and give it to a chief judge.
11. Repeat these steps for any additional ballot marking devices assigned to your polling place or early voting center.