

AGENDA

LOGIC & ACCURACY TEST



February 14, 2023 Special Election
Date Conducted: January 24, 2023, 9:30 a.m.

- 1** Introduction and welcome
- 2** Purpose of testing
- 3** Summary of testing
- 4** Demonstration of accessible ballot marking device
- 5** Run test ballots and compare to expected results
- 6** Certification of voting equipment
- 7** Closing remarks

WELCOME & INTRODUCTIONS

KYLE HAUGH, ELECTIONS MANAGER

PIERCE COUNTY STAFF

Corbin Ensminger

Brad Pearsall

Amy Geisen

Mike Fitta

PURPOSE OF TEST

The purpose of this test is to ensure the entire tabulation system is functioning properly and fully prepared for the counting and tabulation of results on Election Day. The test is required by RCW 29A.12.130 and WAC chapter 434-335.

The Clear Access and Clear Count system has been prepared and fully tested in accordance with state law. Today, we will perform a full test of the tabulation system, tabulating votes marked on ballots printed by our vendor, ballots produced by the ballot on demand system, and ballots generated by the Clear Access units. Results will be compared to the expected results to ensure proper tabulation.

Today's Logic and Accuracy testing will be performed for each ballot style using the marking pattern as prescribed in WAC Chapter 434-335 and approved by the Office of the Secretary of State.

This official Logic and Accuracy Test is open to observation pursuant to state law.

SUMMARY OF TESTING TO DATE

The pre-testing of the ballots was as follows:

- One ballot from each ballot type was marked for the first position in each race.
- One ballot from each ballot type was marked for the second position in each race.
- A test deck was marked for varying positions in each race.

Ballot test decks were run through the Clear Count scanners to ensure that each ballot type was properly read by the system. Tests ensured that each ballot was counted and tabulated into the correct precinct.

Each accessible ballot marking device has been set-up and tested. A ballot was marked and printed on each device and the ballot is included in today's test.

Version numbers and hash checks of certified software were verified.

TEST OF ACCESSIBLE BALLOT MARKING DEVICES (CLEAR ACCESS UNITS)

Purpose of Test

To demonstrate the equipment's ability to function as an accessible ballot marking device for the purpose of marking and printing a ballot. State law requires the equipment to be available for voting in Election Offices eighteen days prior to the election.

Test Plan Description

One ballot will be selected at random from the testing deck. The selected ballot will be duplicated using a Clear Access unit. The ballot will be compared to verify accuracy and the machine-marked ballot will be reintroduced to the deck. This same procedure was performed on the other machines certified for use in this election.

TEST OF CLEAR COUNT SCANNERS AND RESULTS REPORTING

Purpose of Test

To demonstrate the equipment's ability to scan and tabulate ballots.

Test Plan Description

The test deck was marked according to the attached expected results.

A zero report will be printed.

A group of ballots will be scanned on each scanner. The server will merge and tabulate the images from each scanner. A summary report will be printed and expected results will be verified.

Ballots containing overvotes and undervotes are included in the test deck.

CERTIFICATION OF VOTING EQUIPMENT

Complete Logic and Accuracy Addendum verifying version numbers.

Complete Logic and Accuracy Certificate.

All Logic and Accuracy documents and test ballots will be sealed and archived with the Election.

Logic and Accuracy Test Special Election – February 14, 2023

This is to certify that on January 24, 2023, a Logic and Accuracy Test of
the voting system was conducted in the county of:

Pierce

All tests were conducted in accordance with RCW 29A.12 and WAC 434-335.

I, the undersigned, hereby certify that the election system successfully passed this logic and accuracy
test and correctly counted all ballots cast and is hereby ready for the upcoming election.


County Auditor or Designee

Others Present:

Party Representative – Democratic

000711
Seal No.

Party Representative-Independent

Party Representative - Republican

Choice	Votes	Vote %
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All Precincts

Steilacoom Historical School Dist. No. 1 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Orting School District No. 344 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Peninsula School District No. 401 - Proposition No. 1 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Peninsula School District No. 401 - Proposition No. 2 (Vote for 1)
0 ballots (0 over voted ballots, 0 overvotes, 0 undervotes)

Yes	0	0.00%
No	0	0.00%
Total	0	0.00%
Overvotes	0	
Undervotes	0	

Choice	Votes	Vote %
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All Precincts

Steilacoom Historical School Dist. No. 1 - Proposition No. 1 (Vote for 1)

60 ballots (15 over voted ballots, 15 overvotes, 0 undervotes)

Yes	15	33.33%
No	30	66.67%
Total	45	100.00%
Overvotes	15	
Undervotes	0	

Orting School District No. 344 - Proposition No. 1 (Vote for 1)

60 ballots (15 over voted ballots, 15 overvotes, 0 undervotes)

Yes	15	33.33%
No	30	66.67%
Total	45	100.00%
Overvotes	15	
Undervotes	0	

Peninsula School District No. 401 - Proposition No. 1 (Vote for 1)

105 ballots (15 over voted ballots, 15 overvotes, 45 undervotes)

Yes	15	33.33%
No	30	66.67%
Total	45	100.00%
Overvotes	15	
Undervotes	45	

Peninsula School District No. 401 - Proposition No. 2 (Vote for 1)

105 ballots (15 over voted ballots, 15 overvotes, 15 undervotes)

Yes	30	40.00%
No	45	60.00%
Total	75	100.00%
Overvotes	15	
Undervotes	15	

2023 February Special Election
 Logic and Accuracy Expected Results

Contest	Total Votes
Steilacoom Historical School Dist. No. 1 - Proposition No. 1	
Yes	15
No	30
Overvote	15
Orting School District No. 344 - Proposition No. 1	
Yes	15
No	30
Overvote	15
Peninsula School District No. 401 - Proposition No. 1	
Yes	15
No	30
Overvote	15
Peninsula School District No. 401 - Proposition No. 2	
Yes	30
No	45
Overvote	15
Grand Total	210

Card 2 (Precinct 26-378)

Blank Ballot

Notes:

The logic and accuracy matrix is designed using instructions found in WAC 434-335-323.

Card style refers to an individual ballot style that has a unique set of races on it. One card style may represent multiple precincts.

This matrix is used to determine the expected results for the logic and accuracy test.

Logic and Accuracy Test Addendum

ClearBallot

State of Washington Certification of Voting System

Certification

Voting System Pre-test

- I certify that the program and ballot counting system components have been thoroughly tested in accordance with WAC 434-335-275. This testing was performed and completed prior to the official Logic and Accuracy Test.

Accessible Voting Unit Logic and Accuracy Test

- I certify that the program and ballot counting system components for Accessible Voting Units have been thoroughly tested in accordance with WAC 434-335-520.

Electronic Ballot Delivery System

- I certify that the electronic ballot delivery system has been tested for all ballot styles.

Voting System Hardware, Firmware and Software

- I certify that the program and ballot counting system components are certified with the state, and the version #s of all software, firmware and hardware of the voting system used for the logic and accuracy test have not changed from the certified versions.

Tabulation System

ClearVote 1.4.2

Hardware and Firmware -

- Fujitsu fi-6800 - 10.10.710
- Fujitsu-fi-6670
- Fujitsu-fi-6400 - PaperStream 1.30.0
- Fujitsu-fi-7180 - PaperStream 1.4.0
- IBML ImageTrac Lite Scanner 6000
- IBML ImageTrac DS 1210 - 1.0.3

Software -

- ClearDesign 1.4.3
- ClearAccess 1.4.1
- ClearCount 1.4.2
- ClearCast 1.4.2
- SoftTrac ScanDS 4.3.0 (for IBML Scanners)

ClearVote 2.1

Hardware and Firmware -

- Fujitsu fi-6400
- Fujitsu fi-6800
- Fujitsu-fi-7180
- Fujitsu-fi-7800
- Fujitsu-fi-7900
- IBML ImageTrac Lite Scanner 6000
- IBML ImageTrac DS 1210

Software -

- ClearDesign 2.1.0
- ClearAccess 2.1.0
- ClearCount 2.1.3

ClearVote 1.5

Hardware and Firmware -

- Fujitsu fi-6800
- Fujitsu-fi-6400
- Fujitsu-fi-7180
- IBML ImageTrac Lite Scanner 6000
- IBML ImageTrac DS 1210

Software -

- ClearDesign 1.5.1
- ClearAccess 1.5.1
- ClearCount 1.7.1
- ClearCast 1.5.1
- SoftTrac ScanDS 4.3.0 (for IBML Scanners)

ClearVote 2.2

Hardware and Firmware -

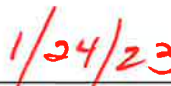
- Fujitsu fi-6400
- Fujitsu fi-6800
- Fujitsu-fi-7180
- Fujitsu-fi-7800
- Fujitsu-fi-7900

Software -

- ClearDesign 2.2.4
- ClearAccess 2.2.2
- ClearCount 2.2.4

Signature


Signature


date



WASHINGTON
Secretary of State
 Elections Division

L&A AVU test log

County Name: Pierce

Election Name & Date: Special Election February 14, 2023

Precincts in election	<input type="checkbox"/> All precincts in county <input type="checkbox"/> Subset of precincts (list precincts below or attach list)
AVU type	<input type="checkbox"/> Direct recording electronic (DRE) <input type="checkbox"/> Ballot marking device
Notes:	

Machine name or number	Precincts (if not all precincts in the election are loaded on the AVU, indicate the precincts available on the machine)	Initials of tester	Time/date tested	Seal number
#2-A19C005927	ALL	BP	1/23/23 8:30	50484962
#5-I19C010585	ALL	BP	1/23/23 8:30	50484965
#6-I19C010578	ALL	BP	1/23/23 8:30	50484966
#7-I19C010580	ALL	BP	1/23/23 8:30	50484967
#8-I19C010577	ALL	BP	1/23/23 8:30	50484968

Precinct	Precinct	Precinct
31-710	26-319	28-541
31-866	26-320	28-542
31-891	26-321	28-543
31-901	26-322	28-545
31-904	26-323	28-565
31-913	26-324	28-566
31-920	26-325	28-567
31-921	26-326	28-568
02-083	26-327	28-572
02-093	26-328	28-573
02-096	26-329	28-576
02-097	26-330	28-577
02-098	26-331	28-595
02-099	26-332	28-600
02-110	26-333	28-657
02-111	26-334	
02-112	26-335	
02-113	26-336	
02-114	26-337	
02-136	26-338	
02-137	26-339	
02-154	26-340	
25-276	26-341	
25-287	26-342	
25-289	26-343	
25-290	26-344	
25-373	26-345	
26-300	26-346	
26-301	26-347	
26-302	26-348	
26-303	26-349	
26-304	26-350	
26-305	26-351	
26-306	26-352	
26-307	26-353	
26-308	26-354	
26-309	26-355	
26-310	26-356	
26-311	26-357	
26-312	26-358	
26-313	26-359	
26-314	26-367	
26-315	26-378	
26-316	28-471	
26-317	28-512	
26-318	28-540	