

# **Provisional/Emergency Certification Sequoia Voting Systems Version 4.0**

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**Conducted by the Office of the  
Secretary of State and the  
Pierce County Auditor**

**Tuesday, April 20, 2010**

## **Welcome and Introductions**

### **Pierce County Staff**

Mike Rooney

Mary Johnson-Hall

Mike Fitta

Dave Heinemann

Rebecca Brauhn

### **Office of Secretary of State Staff**

Patty Murphy

### **Sequoia Voting Systems Representatives**

Eric Coomer

Jim Dunst

## **Purpose**

The purpose of this test is to certify the Sequoia Insight precinct tabulator for use in Pierce County and to extend the current emergency/provisional certification of Sequoia Voting System Version 4.0. Pierce County Elections has requested the Office of the Secretary of State to extend the certification of the tabulation system on an Emergency/Provisional basis due to the delayed certification of the system by the Election Assistance Commission.

This system was extensively tested by both Pierce County and the Office of the Secretary of State prior to its initial use in 2008 with Ranked Choice Voting. The current version has been used for all elections in Pierce County since the Primary of 2008. The current emergency/provisional certification expires on July 31, 2010.

The certification of the Sequoia Insight will allow Pierce County to return a polling place tabulator to each polling place allowing for ballots to be tabulated at the poll.

The certification of voting systems in Washington State is codified in the Revised Code of Washington Chapter 29A.12 and Washington Administrative Code Chapter 434-335.

# **Provisional/Emergency Certification**

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## **Test Schedule**

### **Tuesday, April 20, 2010**

- 400C Vote by Mail Tabulator
- Insight Precinct Tabulator
- Edge Touch Screen Tabulator
- Edge Early Vote Touch Screen Tabulator
- WinEDS 4.0 Tabulation System Test

## **400C Vote-By-Mail Ballot Test**

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### **Purpose of Test:**

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

### **Test Plan Description:**

A test deck was marked according to the attached expected results using a one, two, three, etc. pattern. Additional ballots from each style have been marked for the first position in each race.

A demonstration of ballots containing overvotes and undervotes will be provided.

A summary report will be printed. The results will be merged into the tabulation system. The expected results will be verified.

# Insight Test

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## **Purpose of Test:**

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

## **Test Plan Description:**

Test decks for each of five Insights were marked according to the attached expected results using a one, two, three, etc. pattern. Additional ballots from each style have been marked for the first position in each race.

## **Functional Test**

As part of the test the following functional tests will be performed to demonstrate the equipment's ability to properly handle the many ways a ballot could be marked by the voter.

**Blank Ballot** - returned to the voter with message to correct, ability to count "as is"

**Over-Voted Ballot** - returned to the voter with message to correct, ability to count "as is"

**Write-in Ballot** - ballot counted, sorted to write-in bin for later inspection if necessary.

**Vote-By-Mail Ballot** - ballot rejected, override button pushed, machine will not accept.

**Defaced Ballot** - ballot rejected, override button pushed, machine will not accept.

**Power Outage and Auxiliary Bin** - allows for continuous voting in the event of a power outage. Note number of ballots on public counter, unplug Insight, wait, and restore power. Verify that public counter is correct.

The polls will be closed and results printed. Memory packs will be merged into the tabulation system. The expected results will be verified.

# **Edge Polling Place Touch Screen Test**

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## **Purpose of Test:**

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

## **Test Plan Description:**

Votes will be cast on one Edge touch screen voting machine. This test will be accomplished by running a simulation script on the machine. The simulation script will generate a one, two, three, etc pattern according to the attached expected results. In addition, a manual vote will be cast for Pierce County Proposition No. 1 – Rejected.

The polls will be closed and results printed. The expected results will be verified against the results displayed on the Touch Screen. The results cartridge will be merged into the tabulation system.

# **Edge Early Vote Touch Screen (Accessible Voting Unit) Test**

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## **Purpose of Test:**

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

## **Test Plan Description:**

Votes will be cast on one Edge touch screen voting machine. This test will be accomplished by running a simulation script on the machine. The simulation script will generate a one, two, three, etc pattern according to the attached expected results. In addition, a manual vote will be cast for Pierce County Proposition No. 1 – Rejected.

The polls will be closed and results printed. The expected results will be verified against the results displayed on the Touch Screen. The results cartridge will be merged into the tabulation system.

# WinEDS Tabulation System Test

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## Purpose of Test:

To demonstrate the equipment's ability to merge, count and tabulate ballots.

## Test Plan Description:

Results from the vote by mail ballots, Insight tabulators, precinct edge touch screen tabulator and early vote touch screen tabulator will be merged into the WinEDS tabulation system.

An overall summary report will be printed. The expected results will be verified.

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### Version Numbers

Machine/Application	S/W or Firmware Version
AVC Card Activator	5.1.22
Edge ABU	8.75
Edge II	5.1.23
Insight HPX (machine)	K1.44.080422.1500
Insight APX (memory pack)	K2.16.080408.1330
MPR	MPR3.01.080422.0552
WinEDS	4.0.108 OCX 1.2.57.0
WinEDS Extended Services	1.0.41
WinEDS Reporting	4.0.41
WinETP (400C)	1.16.6