Section 3 – Polling Place Scanners (PPS)

File 3-4 PPS Audit

3.4 Describe what functions the PPS provides to assist with post-election audits.

Post election audits are performed in the Results Tally and Reporting module of Democracy Suite. The ImageCast Precinct assists with the overall function of a post-election audit by accurately scanning, imaging both sides of the ballot scanned and tallying all ballots fed through the unit during an election, adding the AuditMark detailing the system interpretation of the voter’s intent, and running machine reports included applicable audit logs of all operations performed on the unit. Results are transferred from the ImageCast Precinct’s removable flash memory devices to the central processing location for accumulation in the Results Tally and Reporting module.

All images saved with the attached AuditMark details are available for selection, review, edit or adjudication in the audit files selected by the county or state personnel.

Clarification Question

How does the PPS support post election audits of the physical ballots cast? What reports or data export capability is there that would allow for tabulation audit comparison of tabulated results and a physical review and count of the paper ballots at the: A. Precinct Level, B. Ballot Box Level, and C. Any other level smaller than a precinct.

As ballots are scanned using the ImageCast Precinct, a full image of all marks on both sides of the ballot are captured and the digital image is appended with our AuditMark detailing the system interpretation of the voter’s intent. The physical paper ballot is deposited into the secure ballot box, and the results are stored on two compact flash memory cards - one is located in the Poll Worker slot (behind the Poll Worker Access Door) and the other in the Administrator compartment that is located behind the

Administrator Access Door. Both memory card access doors should remain sealed for the entire election process, unless indicated otherwise by an election official.

The ImageCast Precinct also features a built-in thermal printer that prints various reports during the course of the election - zero reports, status reports and results reports.

One or more results tapes are printed directly by the internal thermal printer and the compact flash memory cards are removed to upload the results to a computer containing the Democracy Suite Results Tally and Reporting application.

Once the files are uploaded to the Results Tally and Reporting module of the Democracy Suite, users can produce fast, versatile and easy customizable reports from data available in the election project including reporting on a per tabulator basis as detailed below:

The Results Tally and Reporting module of the Democracy Suite EMS uses SQL Server Reporting Services to produce the following standard reports:

* Election Summary Report
* Statement of Votes Cast (precinct-level results)
* Cards Cast Report

All these reports can be exported to PDF, Microsoft Word, Microsoft Excel, and Microsoft PowerPoint.

These three reports allow filtering by Polling Location, Tabulator and Counting Group.  Election Summary and SOVC reports can be customized to include a number of statistics including: Times Cast, Undervotes, Overvotes, Total Votes, Counting Group breakdown, Write-Ins, Percentage by ballots cast or by votes cast, sorting of candidates by global order or by votes received.  Filters by contest, precincts, or districts can be applied.  Report titles can be modified to indicate unofficial or canvass results.  Report profiles can be saved, loaded and exported between election projects.

Additional reports include:

* Results per precinct (simplified precinct-level report)
* Contest overview data (simplified summary report)
* Located Scanned Ballots
* Results per Tabulator
* Canvass
* Write-Ins per Tabulator
* Registration and Turnout
* Contests on Margin
* Tabulator Status
* Ballots Cast per Ballot Style
* Ballots Cast per Tabulator

All these reports can be generated at the same time that scanning and adjudication is happening, without affecting performance or accuracy.

All reports can be customized.  Headers can be customized to include “official” or “non-official” wording, or other desired wording.

Following an election project, ballots from the ImageCast Precinct are removed and stored based on jurisdictional procedures and requirements. Generally, this includes individual Counties providing appropriate storage containers for the ballots, which are sealed and properly labeled to identify the election and the specific ImageCast Precinct unit from which the ballots were cast. By labeling storage containers with the applicable ImageCast Precinct identification, physical ballots can be manually reviewed at a later date in the unlikely event the digital images will not provide the requisite information needed for a post-election audit.