September 12, 2019

County Clerk/Registrar of Voters (CC/ROV) Memorandum #19079

TO: All County Clerks/Registrars of Voters

FROM: /s/ Susan Lapsley
                Deputy Secretary of State and Counsel

RE: Voting Systems: OVSTA Monthly Update – September 2019

Each month, the Office of Voting Systems Technology Assessment (OVSTA) provides an update on Election Assistance Commission (EAC) and Secretary of State (SOS) activities related to voting technology.

Each update provides information on:

- Voting technology related events that may be of interest.
- Administrative approval requests and denials since the prior month's update.
- Voting technology testing and approval at the SOS office.
- Defect, failure, and fault reports issued since the prior month's update.
- Ballot printing certification requests since the prior month's update.

Recent and Upcoming Events

A public hearing was held September 4, 2019, at the California Secretary of State building for the Dominion Voting Systems' Democracy Suite 5.10 Voting System, and ES&S's EVS 6.0.4.2 Voting System. Written comments can be submitted by September 13 at 5pm via e-mail to VotingSystems@sos.ca.gov, or by U.S. mail to Secretary of State, Attention: Voting Systems Comment, 1500 11th Street, 6th Floor, Sacramento, CA 95814.

The OVSTA portion of the SOS website has been revised. The new OVSTA landing page can be located here. Please update any previous bookmarked pages or links accordingly.

The DefCon 26 hacking conference was held in Las Vegas, Nevada, on August 8-11, 2019. Voting machines were reviewed to raise awareness of the vulnerabilities that could be exploited. Additional information regarding the conference can be located at

https://www.defcon.org/html/defcon-27/dc-27-index.html. Secretary of State Staff attended. An official DefCon report from the conference organizers should be available soon.

Governor Brown signed AB 2125 into law, authorizing the use of risk-limiting audits in lieu of the 1% manual tally beginning with the March 3, 2020, primary election. The bill requires the Secretary of State, in consultation with recognized statistical experts, election verification and integrity stakeholders, voting system manufacturers, and local elections officials to, adopt regulations to implement and administer risk-limiting audits. The fifth work group meeting was held on August 7, 2019. The RLA draft regulations are in their final stages. The rulemaking process is scheduled to begin within the coming month.

The 2019 Budget Act provided one-time funding of $87 million for the replacement of voting systems and technology. This allocation is in addition to the fiscal year 2018-2019 funding which provided $134 million for counties for the replacement of voting technology. The 2019 Budget Act provided additional funding, modified the match requirement, and allocated funding for election management system (EMS) replacement. The 18/19 contracts are in the process of being amended to reflect the additional allocation of funds and the change in matching requirements. County Clerk/Registrar of Voters (CC/ROV) Memorandum #19056 was issued on July 23, 2019 with information about the money and allocation amounts per county.

Voting System and RAVBM Testing and Approvals

OVSTA completed certification testing of Dominion's Democracy Suite 5.10 voting system. A public hearing was held on September 4, 2019.

OVSTA completed certification testing of the ES&S EVS 6.0.4.2 voting system. A public hearing was held on September 4, 2019.

OVSTA began functional testing of Los Angeles County's Voting Solutions for All People (VSAP) voting system.

OVSTA completed certification testing of Dominion's ImageCast Remote 5.10 remote accessible vote by mail system. A public hearing will be scheduled in the coming months.

Voting technology application status is as follows:

System	Type	Applicant	Submission Date	Testing Phase
Democracy Suite 5.10	Voting System	Dominion Voting	10/24/2018	Public Hearing September 4, 2019
VSAP Tally Version 2.0	Voting System	Los Angeles County	11/6/2018	Testing (Functional)

EVS 6.0.4.2	Voting System	ES&S	12/18/2018	Public Hearing September 4, 2019
Verity Voting 3.1	Voting System	Hart Intercivic	5/3/2019	Pre-Testing (Test Plan)
ImageCast Remote 5.10	RAVBM	Dominion Voting	10/24/2018	Testing (Post)
VSAP Interactive Sample Ballot	RAVBM	Los Angeles County	11/6/2018	Pre-Testing (Test Plan)

Administrative Approval Requests and Approvals

The Democracy Live Secure Select 1.2.2 Remote Accessible Vote by Mail (RAVBM) system was approved on August 13, 2019.

Testing is complete for Dominion Voting System's ImageCast Remote 5.10 (RAVBM) system.

Information regarding administrative approval requests can be found here.

Testing and Certification at the EAC

The EAC provides updates on voting system testing. The latest update from the EAC was provided on July 9, 2019. However, based upon discussions with vendors, no systems currently undergoing testing and certification at the EAC are relevant to California.

Additional specifics regarding each voting system are available at: "Voting Systems Under Test" and "Certified Voting Systems".

Defects, Failures, and Faults

There were no defects, failures, or faults in August.

Ballot Printing Certification Requests and Approvals

ProVote Solutions was provided approval to print Hart Verity ballots on a new Screen TruePress Jet 520 printer.

A list of certified ballot printers can be found here.

Ballot on Demand Printing Requests and Approvals

OVSTA received an application from ES&S for their Balotar v3.0.5.1 ballot on demand system. Testing will begin this month.

OVSTA received an application from Runbeck for their Sentio v9.2 ballot on demand system. Testing is in progress.

A list of certified ballot on demand systems and jurisdictions can be found here.

Electronic Poll Book Certification Requests and Approvals

KNOWiNK was provided administrative approval to update their Poll Pad 1.3.3 system to iOS 12.2 as well as the addition of two new iPad models.

A list containing certified electronic poll book vendors can be found here.

Electronic poll book application status is as follows:

System	Type	Applicant	Submission Date	Testing Phase
Precinct Central ePollbook 4.1	ePollBook	Tenex Software	01/17/2019	Withdrawn
AskED 3.4.130.0	ePollBook	Robis Elections	02/23/2019	Pre-Testing (Test Plan)
KNOWiNK 2.3.7	ePollBook	KNOWiNK Inc.	02/27/2019	Pre-Testing (Application Review)

Notes and Reminders

Per California Code of Regulations Section 20233, jurisdictions wishing to purchase ballot cards directly from a ballot printer or wishing to have unfinished ballot cards removed from a warehouse for finishing, shall request and receive a release from the Secretary of State. No ballot cards or unfinished ballot cards shall be manufactured, and no unfinished ballot cards shall be removed from the warehouse for finishing, prior to issuance of a specific release. The Request for Ballot Card Release is available on the Secretary of State website. Requests should be submitted to the Secretary of State at ballotrelease@sos.ca.gov.

The Secretary of State's Office issues County Clerk/Registrar of Voters (CC/ROV) Memorandums containing ballot tint and watermark for statewide elections only. For local elections, jurisdictions are required to request ballot tint and watermark from the Secretary of State per California Code of Regulations Section 20280. Requests should be submitted to the Secretary of State at: votingsystems@sos.ca.gov.

As a reminder, pursuant to California Elections Code sections 17301-17306, the retention and preservation of election records, which includes digital ballot images is 22 months. Several voting system tabulation components are capable of producing digital ballot images. Additional information regarding how to backup, retain, and preserve the digital ballot images, and whether or not your jurisdiction's voting system has this capability, can be found in the respective Use Procedures, here.

Regarding the disposal or sale of equipment:

- In 2012, the California Secretary of State issued guidance regarding the disposition or sale of equipment purchased with HAVA and/or VMB funding. See

> [Secretary of State (SOS) County Clerk/Registrar of Voters (CC/ROV) Memorandum #12219 - Handling the Sale and Funds from the Sale of Voting Systems or Voting Equipment](). The document outlines proper disposal or sale procedures of voting systems or voting equipment purchased with HAVA and/or VMB funding. The document also highlights that all equipment must be void of any software or firmware and returned to a condition of a non-functioning piece of hardware prior to its disposal or sale.

- The US-CERT issued [Security Tip (ST18-005)]() outlining proper disposal procedures for electronic devices.

Governor Brown signed [AB 1013]() into law, requiring a county elections official to permit a voter with a disability, or a military or overseas voter, to cast his or her ballot using a certified RAVBM system. As a reminder, the county accessibility contracts and the voting system replacement contracts allow for reimbursement of costs associated with the acquisition or deployment of an RAVBM system. The following systems are either certified or are navigating the testing and certification process in California:

- Democracy Live Secure Select 1.2.1 (Certified).
- Dominion ImageCast 5.2 (Certified).
- Five Cedars Group Alternate Format Ballot (AFB) 5.2.1 (Certified).
- Dominion ImageCast 5.10 (Post-Testing).
- Los Angeles VSAP Interactive Sample Ballot (Testing Source Code Review).