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OFFICE OF VOTING SYSTEMS TECHNOLOGY ASSESSMENT
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December 10, 2019

County Clerk/Registrar of Voters (CC/ROV) Memorandum #19142

TO: All County Clerks/Registrars of Voters
FROM: /s/ Susan Lapsley
Deputy Secretary of State and Counsel
RE: Voting Systems: OVSTA Monthly Update – December 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

The California Secretary of State will hold a public hearing on Hart InterCivic's Verity Voting 3.1 voting system and Dominion Voting Systems, Inc.'s ImageCast Remote 5.10 Remote Accessible Vote By Mail system on December 16, 2019, in the Auditorium at 1500 11th Street, Sacramento, California, 95814, at 9:00 a.m.

Disability Rights California and the state Voting Accessibility Advisory Committee (VAAC) have created a remote accessible vote by mail FAQ as a resource for counties to use for their voters that are interested in using an RAVBM. The FAQ contains information about what RAVBMs are, how they work, requirements for receiving a ballot, and more. It can be located [here](#).

For the upcoming March 3, 2020, Presidential Primary Election, please submit to the Secretary of State by 5 P.M., February 21, 2020, the following:

1. Election Observer Panel Plan (EOPP). Please email your EOPP to: VotingSystems@sos.ca.gov.

2. A copy of your election computer vote count program, containing the ballot definition, for the March 3, 2020, Presidential Primary Election (Elections Code section 15001).

For information regarding tint and watermark for the March 3, 2020 Presidential Primary Election, please refer to [CCROVs 19138 and 19140](#).

The CACEO New Law Conference was held in Sacramento from December 2, 2019 through December 5, 2019. The Hart InterCivic Users Group was held December 5, 2019.

Counties upgrading or implementing a ballot on demand solution for the upcoming election are encouraged to submit their application to OVSTA as soon as possible so that OVSTA is able to review the application and documentation in advance of the election. The application can be located [here](#).

Voting System and RAVBM Testing and Approvals

OVSTA is continuing testing of Los Angeles County's Voting Solutions for All People 2.0 (VSAP) voting system.

OVSTA is continuing testing of Los Angeles County's Voting Solutions for All People (VSAP) Interactive Sample Ballot (ISB) Remote Accessible Vote by Mail (RAVBM) system.

OVSTA has finished testing of Dominion's ImageCast Remote 5.10 remote accessible vote by mail system. A public hearing will be held on December 16, 2019, in the Auditorium at 1500 11th Street, Sacramento, California, 95814, at 9:00 a.m.

OVSTA has finished testing of Hart InterCivic's Verity Voting 3.1 voting system. A public hearing will be held on December 16, 2019, in the Auditorium at 1500 11th Street, Sacramento, California, 95814, at 9:00 a.m.

Voting technology application status is as follows:

System	Type	Applicant	Submission Date	Testing Phase
VSAP Tally Version 2.0	Voting System	Los Angeles County	11/6/2018	Testing (Security and Telecommunications – Red Team)
Verity Voting 3.1	Voting System	Hart InterCivic	5/3/2019	Testing (Post) Public Hearing 12/16/2019
ImageCast Remote 5.10	RAVBM	Dominion Voting	10/24/2018	Testing (Post) Public Hearing 12/16/2019

VSAP Interactive Sample Ballot	RAVBM	Los Angeles County	11/6/2018	Testing (Security and Telecommunications)
NOVUS 5.1	Ballot Duplicating System	Runbeck Election Services	10/14/2019	Application Received
Alternate Format Ballot GEMS Ballot	RAVBM	Five Cedars Group	11/25/2019	Approved November 26, 2019

Administrative Approval Requests and Approvals

Five Cedars Group's Alternate Format Ballot RAVBM Ballot Generator 5.2.1 was approved to produce GEMS ballots on November 26, 2019.

OVSTA received an application for approval of Runbeck Election Services' NOVUS 5.1 ballot duplication system on October 14, 2019. The application is currently under review.

ES&S submitted an administrative approval application requesting modification of their EVS 6.0.4.2 voting system. The modifications are as follows: collapsible ballot bin improvements, ExpressVote booth improvements, update COTS embedded controller settings on ExpressVote XL, and add ballot bag to DS200 ballot box. The application is currently under review.

Dominion Voting Systems was approved for fourteen modifications to their Democracy Suite 5.10 voting system. The modifications were for minor changes involving operating system upgrades and replacements for end of life hardware components.

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 November 22, 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

No defects, faults, or failures were reported in November.

Ballot Printing Certification Requests and Approvals

No ballot printing requests were received in November.

A list of certified ballot printers can be found [here](#).

Ballot on Demand Printing Requests and Approvals

KNOWiNK, LLC's Poll Print 2.0.6 was approved on November 2, 2019.

OVSTA received an application from Runbeck for their Sentio 9.2 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's PollPad 3 2.4.8.01 ePollBook was approved on November 2, 2019.

OVSTA received an updated application for approval of Tenex Software Solutions' Precinct Central ePollBook System 4.1 on November 22, 2019. The modifications are as follows: add 6th Generation iPad model, add 7th Generation iPad model, add Epson TM-L90 printer, add Epson TM-P80 printer, update iPads to iOS 12, and update iPads to iOS 13. The system is in the post testing phase.

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
Asked 3.4.130.0	ePollBook	Robis Elections	02/23/2019	Testing (Functional)
KNOWiNK PollPad 3 2.4.8.01	ePollBook	KNOWiNK Inc.	02/27/2019	Approved on 11/2/2019
Precinct Central 4.1	ePollBook	Tenex	11/22/2019	Post-Testing

Notes and Reminders

Voting System Replacement Contracts – The amended Voting System Replacement Contracts were sent out to all counties on September 24, 2019. Some counties may require Board of Supervisor's approval. Please have the contract amendment approved, including a new Board Resolution (if applicable), and return the signed version to the SOS as soon as possible. New claims, leveraging the new funds and match formula, cannot be processed without a fully executed contract in place. Additional information,

including the new matching formula and allocated amounts per county can be found in [CCROV #19056](#). If you have any questions or need additional information regarding the contract, please contact Kathryn "KC" Chaney at kchaney@sos.ca.gov.

Ballot Card Releases- 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.

Ballot Tint and Watermark- 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.

Election Record Retention- 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](#).

Disposal or Sale of Equipment- 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.
- See also the US-CERT issued [Security Tip \(ST18-005\)](#) outlining proper disposal procedures for electronic devices.

RAVBM Systems Required- 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 Remote 5.2 (Certified).
- Five Cedars Group Alternate Format Ballot (AFB) 5.2.1 (Certified).
- Dominion ImageCast Remote 5.10 (Testing Completed. Hearing December 16, 2019).
- Los Angeles VSAP Interactive Sample Ballot (Testing).