

1	APPEARANCES
2	
3	Voting Modernization Board:
4	Mr. Stephen Kaufman, Chairman
5	Ms. June Lagmay
6	Mr. Gabriel Sandoval
7	
8	S.O.S STAFF:
9	Mr. Robbie Anderson
10	Ms. Jana Lean
11	Ms. Katherine Montgomery
12	Ms. NaKesha Robinson
13	Mr. James Schwab
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
	CALIFORNIA REPORTING, LLC (510) 224-4476

Г

1		INDEX	
2			Page
3	1.	Call to order	4
4	2.	Roll Call	
5	3.	Public Comment	4
6	4.	Adoption of August 24, 2015	
7		Actions & Meeting Minutes	5
8	5.	Project Documentation Plan Review and	
9		Funding Award Approval	34
10	6.	Staff Report on Related Issues	6
11	7.	Other Business	45
12	8.	Adjournment	45
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
	L	- CALIFORNIA REPORTING, LLC (510) 224-4476	

1	PROCEEDINGS:
2	
3	CHAIRMAN KAUFMAN: Okay. We're going to
4	call, call the meeting to order. The meeting of the
5	Voting Modernization Board, our first meeting in almost
6	two years, and I'm happy to see all of you sitting in
7	front of us from the Secretary of State's Office and
8	pleased to see my fellow board members, June and Gabe,
9	to my right. Thank you all for being here. Pleasure
10	making this effort.
11	So, Katherine, do you want to formally call the
12	roll.
13	MS. MONTGOMERY: Stephen Kaufman.
14	CHAIRMAN KAUFMAN: Here.
15	MS. MONTGOMERY: June Lagmay.
16	MS. LAGMAY: Present.
17	MS. MONTGOMERY: Gabe Sandoval.
18	MR. SANDOVAL: Present.
19	CHAIRMAN KAUFMAN: Okay. We have a quorum.
20	We will proceed. We are missing, unfortunately, Terry
21	Holliman, and hopefully, she will join us for the next
22	one.
23	This is the portion where we call for public
24	comment. Seeing that the only member of the public who
25	is really here is my nine-year-old daughter.
	CALIFORNIA REPORTING, LLC (510) 224-4476

Madeleine, do you have any comments that you wish 1 2 to lodge? 3 MISS. KAUFMAN: (Shakes head.) CHAIRMAN KAUFMAN: 4 Just want to formally 5 introduce Madeleine Kaufman, who is here to observe the 6 proceedings for the record. 7 So let's move on to Item 4 on our agenda, which is the adoption of the action and meeting minutes from 8 9 the August 24th, 2015 meeting of the commission in Los 10 Angeles. 11 I wanted to note one minor correction to the 12 minutes and that was on page four, the spelling of my name on line ten, which says "Chairman Hoffman," that, 13 instead of "Kaufman," K-A-U-F-M-A-N. 14 But with that change, do we have a motion to 15 approve the minutes? 16 17 MS. LAGMAY: I so move. 18 MR. SANDOVAL: Second. 19 CHAIRMAN KAUFMAN: I have a motion and second. 20 21 All in favor of approving the minutes say, "aye." 22 23 (Voice vote.) 24 25 CHAIRMAN KAUFMAN: We're going to go out of CALIFORNIA REPORTING, LLC (510) 224-4476 -

order now. I see James Schwab has joined us, and I see 1 2 you have some time constraints. So we're going to go out of order, and we're going to do Agenda Item 6 first, 3 and then we'll get to Item 5 after. So we have a staff 4 5 report on related issues, pending legislation that may impact the board and voting education equipment status. 6 7 So, James, are you going --8 MS. MONTGOMERY: I was just going to read 9 into the record real quick from -- I was just going to read into the record AB 668. Not all of it. Just the 10 11 highlights from Mr. Chesin's analysis just so we're all 12 on the same page. Or would you rather just --13 CHAIRMAN KAUFMAN: No. That'd be great. 14 Let's do that and then we can have discussion. 15 MS. MONTGOMERY: Okay. Okay. So this is body -- Voting Modernization Bond Act of 2018. So --16 17 CHAIRMAN KAUFMAN: And I'm sorry. Not to 18 interrupt. 19 MS. MONTGOMERY: Sure. 20 CHAIRMAN KAUFMAN: Not to disrupt what you 21 are about to do, in doing it, can you just put it in the 22 context of where we have come from and what it provides 23 and the -- this is going to -- I know the memo talks 24 about what the current law is --25 MS. MONTGOMERY: Uh-huh.

CALIFORNIA REPORTING, LLC (510) 224-4476-

CHAIRMAN KAUFMAN: What this will --1 2 MS. MONTGOMERY: Absolutely. So I'll start 3 with existing law. 4 CHAIRMAN KAUFMAN: You don't have to read it 5 verbatim. 6 MS. MONTGOMERY: Oh, I do. 7 Okay. Requires the Secretary of State to adopt regulations governing the use of the voting systems, 8 9 electronic poll books, ballot-on-demand systems, and remote accessible vote-by-mail or VBM systems. 10 11 Prohibits a jurisdiction from using a voting 12 system, electronic poll book, ballot-on-demand system, or remote accessible VBM system in an election unless it 13 14 has been previously approved by the SOS as specified. 15 Three, requires the SOS to adopt regulations establishing guidelines based on best practices for 16 17 security measures for the use of VBM ballot drop boxes 18 as specified. 19 Four, establishes the Voting Modernization Bond 20 Act of 2002, which authorized the issuance of -- and 21 sale of bonds not to exceed \$200 million for the purpose 22 of assisting counties in the purchase of updating voting 23 systems. 2.4 Creates the Voting Modernization Board, 25 consisting of three members selected by the governor and - CALIFORNIA REPORTING, LLC (510) 224-4476 -

two members selected by the SOS, and makes it 1 2 responsible for administering the fund that contains the proceeds of the bond issues pursuant to the VMBA and 3 also creates the Voting Modernization Finance Committee 4 5 consisting of a controller, the director of finance, and 6 the treasurer, for the purposes of authorizing the 7 issuance and sale pursuant, pursuant to the State General Obligation Bond Law of the bonds. 8 9 Permits counties, pursuant to the California Voter's Choice Act, to conduct elections in which every 10 11 voter is mailed a ballot, and vote centers and ballot 12 drop-off locations are available prior to and on 13 Election Day in lieu of operating polling place for an 14 election subject to specified conditions. 15 CHAIRMAN KAUFMAN: So that's where we're at 16 now. 17 MS. MONTGOMERY: That's where we're at 18 currently. Now, this bill, AB 668, and the authors are 19 Assembly persons Gonzalez and Fletcher, would: 20 Number one, enact the Voting Modernization Bond 21 Act of 2018, which allows the sales of up to 450 million 22 in general obligation bonds to fund improvements to 23 voting systems contingent on the approval of voters at 24 the June 2018 statewide direct primary election. 25 Number two, provides that counties may apply for CALIFORNIA REPORTING, LLC (510) 224-4476.

1	funds if it has agreed to pay expenses for any of the
2	voting equipment listed below and counties to pay on the
3	date the voters approve the bond. Counties that choose
4	to conduct elections under the CVCA may receive \$3 from
5	the Fund for every \$1 they pay. While counties that do
6	not only while counties that do not, only receive \$2
7	for every \$1 they spend. Counties may use funds for any
8	of the following: Voting systems certified or
9	conditionally approved by the SOS that do not use
10	pre-scored punch card ballots, electronic poll books
11	certified by the SOS, ballot-on-demand systems certified
12	by the SOS, remote accessible vote-by-mail systems
13	certified or conditionally approved by the SOS,
14	vote-by-mail drop boxes that comply with regulations
15	promulgated by the SOS, technology to facilitate
16	electronic connection between polling places, vote
17	centers, and the office of county elections official or
18	the Secretary of State's Office, and vote-by-mail ballot
19	sorted and processed equipment.
20	Three, provides the county may also use funds to
21	contract and pay for research and development of new

voting systems not certified by the SOS if it uses nonproprietary software and firmware to disclosed source code except for off-the-shelf unmodified commercial software and firmware. B, manufacture of the minimum

- CALIFORNIA REPORTING, LLC (510) 224-4476 -

number of voting systems units reasonably necessary to 1 2 test and seek certification for conditional approval or testing and demonstrating the capability of the system 3 or part of the system in a pilot program. 4 5 Four, requires that any voting system paid for with bond funds must produce a paper version or 6 7 representation of the voted ballot or of all the ballots cast on units of that system at the time the voter votes 8 9 or when the polls close if it does not require the voter

10 to directly mark on the ballot. The paper copy shall 11 not be given to the voter but is instead retained by the 12 election official.

Five, provides that the legislature may alter county eligibility requirements, amounts of matching funds, or allowable use of the bond funds by a two-thirds vote if the change is consistent with portions of the act.

18 And the last one, makes other technical and 19 conforming changes to existing law in order to carry out 20 provisions of this bill.

I could go into some further background if you'd like, or we can move on to asking James questions. CHAIRMAN KAUFMAN: I mean, if there's anything you thought was going to be helpful to us --MS. MONTGOMERY: Um --

CALIFORNIA REPORTING, LLC (510) 224-4476-

1 CHAIRMAN KAUFMAN: -- by all means. But 2 otherwise, we'll turn to James. 3 MS. MONTGOMERY: Yeah. As the Voting 4 Modernization Board, you're aware of most of the 5 background, so I think James --CHAIRMAN KAUFMAN: I quess I did have one 6 7 threshold question for either of you given that we talked about the lifespan of this, this board. 8 9 Is there any provision in the new measure that 10 this board or some other board is going to be dealing 11 with the allocation of funds when and if the voters pass 12 this, or is that something that will be done by 13 regulation or other guidelines passed by the Secretary 14 of State? MR. SCHWAB: So AB 668 is based off the 15 legislation created by Prop 41. 16 17 CHAIRMAN KAUFMAN: Okay. 18 MR. SCHWAB: So I think the initial idea is that we would still continue this. 19 20 CHAIRMAN KAUFMAN: So it's basically adding 21 to the pot of money, providing a new round that can be 22 used for purposes that were set forth in the original 23 act and additional purposes that are now set forth. 24 MS. LEAN: That's correct, but under AB 668, 25 we would have to work with the governor to establish · CALIFORNIA REPORTING, LLC (510) 224-4476 -

1	state plan for the project so that it would incorporate
2	what those additional resources could be spent on
3	for the new voting technology. So it was anticipated it
4	would be the same board even though we're down a
5	member make sure we have full complement. But
6	yes, that's what was anticipated by its an amendment
7	to the existing law.
8	CHAIRMAN KAUFMAN: Okay. Just wanted to
9	make sure this was going to take me through my
10	retirement.
11	MS. MONTGOMERY: Guaranteed.
12	MR. SCHWAB: I will say, though, you know AB
13	668 is, sort of, the, I guess, last-ditch effort on our
14	end to try to get the State to fund voting systems, and
15	we have been working, you know, close to three years now
16	with finance and legislature to just get in preparation
17	without any success. So this is a route we worked with
18	the author of the bill on to push. I, honestly, don't
19	know if the final version that gets to the governor's
20	desk will be a bond act or an appropriation. So that's
21	still on the table, that discussion. And we're open to
22	both. You know, we understand the concerns about bond
23	debt and also the, the time the board's been in
24	existence and we'd rather, an appropriation. It's
25	easier, it's cheaper, and it's more direct. So I can go

CALIFORNIA REPORTING, LLC (510) 224-4476

1 into the details of the bill and more of where it's at 2 but I think we all understand that -- the need counties 3 have for more funding, the lack of any movement at the 4 Federal level to have HAVA two or re-up HAVA.

5 The, the amount we have in here, the \$40 million, 6 if you look at it, it's, kind of, a combination of what 7 HAVA gave us and with what Prop 41 gave us with a, a little more -- because GAVA was more for allowable uses, 8 9 the drop boxes, the equipment for, for vote centers and to facilitate same-day registration and ballots on 10 11 demand. But the total amount is based on every county 12 maintaining their current polling place model. We understand and we hope that more counties will adopt the 13 14 Senate Bill 450 in the California Voter's Choice Act in 15 2018 and beyond, which actually would bring the total cost down. 16

17 You know, so depends on the county but, you know, 18 roughly, 50, 60 percent, 40 percent, depending on what the county can't bring the cost of the capital outlay 19 20 down. I think in Orange County, which did their 21 estimate, it brought the cost of buying the equipment 22 down by about half. 23 MS. LAGMAY: Half. 24 MR. SCHWAB: Yeah. But the problem is --

____ CALIFORNIA REPORTING, LLC (510) 224-4476 _____

and this is where the uncertainty lies. And going back

1	to Orange County, Orange County and Neil Kelly were the,
2	the lead on crafting the California Voter's Choice Act.
3	And, you know, his voice, his ideas helped get that
4	thing passed. And he went to his board to get their
5	approval to adopt the model about a month ago, and
6	without discussion, they just buried the item. The
7	Secretary sent a letter to the board, which was you
8	know, it's out there in the public and just, kind of,
9	accusing the board of political reasons of denying
10	the motion, that even discussing this new model. So we
11	had assumed that some of these bigger counties like
12	Orange County and other counties would be adopting
13	Senate Bill 450, which would bring the overall cost down
14	of replacing them, but now that's, that's uncertain.
15	So that's, sort of, where we're at in terms of
16	the cost and, and, and, sort of, the logic of how we got
17	to that number, and I'll answer any questions you guys
18	have.
19	CHAIRMAN KAUFMAN: Let me just ask one
20	question, and then I'll turn to you guys just to follow
21	up.
22	Under Senate Bill 450, doesn't the county, by
23	2020, have to adopt or no? It's still I think
24	it's still opt-in.
25	MR. SCHWAB: Correct.
	CALIFORNIA REPORTING, LLC (510) 224-4476

1	
1	CHAIRMAN KAUFMAN: And the ones that are not
2	in the initial group of the counties 14 counties
3	that are operating under this pilot program, right, for
4	2018?
5	MR. SCHWAB: Right.
6	CHAIRMAN KAUFMAN: 2020, there's no
7	mandatory kick-in? It's still all just a opt-in?
8	MR. SCHWAB: Correct. I would still
9	contemplate that every county, there's a slightly
10	different space in terms of where they want to go, new
11	equipment, or their readiness to move with a model. But
12	the idea was that we had created a model that the
13	counties would want to adopt.
14	CHAIRMAN KAUFMAN: Uh-huh.
15	MR. SCHWAB: And we understand that we'll
16	be, probably, tweaking it. You know, no legislation is
17	perfect as much as we want it to be. We'll be tweaking
18	it a lot in the future years to make it more flexible
19	for the smaller counties and for even bigger counties
20	that are interested in moving forward.
21	MS. LAGMAY: I have a quick question. In
22	the writing of the Bill, AB 668, beyond essentially
23	extending the current the current bond fund refunding
24	it and are, are there any other provisions that were
25	written in the bill besides the one that I see plain, in

CALIFORNIA REPORTING, LLC (510) 224-4476

front of me, that funds can be used for research and 1 2 development that are new, that are different or updated 3 from the old bill that -- I want to know which subsection are new besides 3-A. 4 MR. SCHWAB: Yeah. So there's the open 5 source items that are in here. There's the expanded 6 7 allowable uses for what the, the funds can be used for, and I think everything else was taken just out of the, 8 9 the legislation act -- created Prop 41. 10 MS. LAGMAY: Could you tell me the, the 11 letter and number of that section. 12 MR. SCHWAB: So it's -- the open source discussion is on page three of the bill. 13 14 MS. LAGMAY: Okay. So it's not in the 15 summary. 16 CHAIRMAN KAUFMAN: Do you mean what number on your summary? 17 18 MS. LAGMAY: Yeah, yeah. 19 CHAIRMAN KAUFMAN: I don't know if June has it -- oh. 20 21 On the analysis? 22 MS. LAGMAY: Yes. 23 CHAIRMAN KAUFMAN: I think June is referring 24 to the memo that we received. It's a summary of the 25 bill compared --- CALIFORNIA REPORTING, LLC (510) 224-4476-

MR. SCHWAB: Got it. 1 2 CHAIRMAN KAUFMAN: And I think she's 3 referring to the number of the item on page two. MR. SCHWAB: So --4 CHAIRMAN KAUFMAN: I don't know if you want 5 6 to direct it in relation to the --7 MR. SCHWAB: Got it. So Item 2, which is on page two of the analysis, is different from --8 9 MS. LAGMAY: Okay. -- the original in terms of the 10 MR. SCHWAB: 11 matching. 12 MS. LAGMAY: Ah, okay. The legislature wanted to have 13 MR. SCHWAB: 14 a different match for counties that adopted Senate Bill 15 450 versus those that stayed with the status quo, and then the allowable uses beneath that are expanded 16 17 compared to the, the original Prop 41. 18 MS. LAGMAY: Okay. So 2 and 3 both. 19 MR. SCHWAB: Correct. 20 MS. LAGMAY: Thank you. 21 MR. SANDOVAL: And this is addressed to the 22 issue that LA County raised last week. I wanted to make 23 sure that was -- because it's being used as a argument, 24 why it would not be moving forward because they're still 25 funds that are being left on the table, and so I wanted - CALIFORNIA REPORTING, LLC (510) 224-4476 -

to make sure that's something that's being addressed in 1 2 this particular bill 3 MR. SCHWAB: Yeah. So the, the LA County 4 issue is the open source language. 5 MR. SANDOVAL: Okay. MR. SCHWAB: Let me see. What page is it 6 7 in? MR. SANDOVAL: It's 3-A. 8 9 CHAIRMAN KAUFMAN: 3-A. MR. SCHWAB: 3-A. 10 11 MS. LAGMAY: Any more questions? 12 CHAIRMAN KAUFMAN: Gabe, did you have any 13 more questions? 14 MR. SANDOVAL: What, what are your thoughts 15 on whether or not this bill is going to be moved forward? You did mention that it is your last ditch 16 17 effort. Can you explain a little bit about what you 18 mean by that. 19 MR. SCHWAB: So, you know, we would make the 20 case since -- you know, we first heard about this 21 secretary when we were still in the Senate back in 2014 22 when the President's -- President Obama's bipartisan 23 commission on the election administration said that's 24 the most dire warning they have heard from election 25 officials across the country was the need to replace - CALIFORNIA REPORTING, LLC (510) 224-4476 -

voting systems. Since then, we have been in discussion 1 2 to get the appropriations with the idea that we probably 3 could get them, some counties, going in 2018. It's too late. The counties don't have enough time to, to get 4 5 new voting systems for 2018. So now we're looking at 6 2020. So we, we need to get the funding moving into the 7 counties in the next year and a half, two years in order to get it in place for 2002. 8

9 And I could simply put it on the June ballot. Ιt 10 gets passed. That's just -- fits right into the time 11 frame. And so counties are desperate for new funding. 12 You know, counties, themselves, are more of budget burden put on them by the State in different areas and 13 14 so they're not flush with cash. And the State needs to 15 pay their, their share. We benefit -- the State benefits from all the elections, and so we should be 16 17 paying into it. So if we don't get funding soon, I 18 don't know what counties are going to do to replace equipment for 2020 and beyond. 19

20 CHAIRMAN KAUFMAN: So let's talk about where 21 this is at. So you mentioned that it could take a 22 different shape as it winds it way through the process. 23 MR. SCHWAB: Yeah. 24 CHAIRMAN KAUFMAN: If it changes from a

25 bond -- a bond, bond obligation to an appropriation, it

- CALIFORNIA REPORTING, LLC (510) 224-4476 -

wouldn't have to go to the people or a vote, right? 1 2 MR. SCHWAB: Yeah. 3 CHAIRMAN KAUFMAN: It would just be signed 4 by the governor and done. 5 MR. SCHWAB: Right. Exactly. CHAIRMAN KAUFMAN: It looks like the bill 6 7 already passed the assembly, but it's still pending in the Senate? 8 9 MR. SCHWAB: Yeah. It's in the Senate 10 Appropriations Committee. 11 CHAIRMAN KAUFMAN: So would those changes --12 those changes can be dealt with in that -- is that where 13 this essentially takes place now, is the discussion 14 or --15 MR. SCHWAB: Correct. The legislature goes 16 on recess Friday. 17 CHAIRMAN KAUFMAN: Right. 18 MR. SCHWAB: And they reconvene, you know, four weeks from there. So we hope during these four 19 20 weeks, we can negotiate, sort of, the final version of 21 what's most suitable for the governor. I wish -- if I 22 had a crystal ball about what he would sign and wouldn't 23 sign, I'd probably make a lot more money. But, you 24 know, we just want to get in the best shape possible to 25 see what --

1 CHAIRMAN KAUFMAN: Okay. And it looks to me 2 from the summary that the only opposition to this is, 3 kind of, on the form of the tax or obligation of the 4 people. No one's opposed to the -- let's say -- the 5 merits or the substance of the actual legislation, 6 correct?

7 MR. SCHWAB: The opposition we have gotten is -- yeah -- just how we're going to -- bond act, which 8 9 we understand those concerns. There's also testimony in committee about folks that just want to require open 10 11 source technology only. Or a lighter version of that is 12 to create a specific fund just for open source, which would cover the certification cost. The Secretary said 13 14 that he doesn't believe it's our role to tip the scale 15 on one technology over another. Just provide counties with the funding and whatever route they want to go, as 16 17 long as it's tested and certified by our office. But to 18 say -- to favor open source over another type, we're not -- we don't support that. 19

MS. LAGMAY: Mr. Schwab, you mentioned that all indications show that we're not going to get any federal support. There won't be a HAVA part two, as you say. So we haven't been together in a meeting since, obviously, 2015. Can you summarize very quickly and simply what the response there has been from DC on

continuing funds for this, if any. 1 2 MR. SCHWAB: Zero. The National Association 3 of Secretary of State, which is a bipartisan group -it's actually dominated by republicans. There's only 12 4 democratic secretaries of state -- they're all in 5 6 support of new funding. I think they have been in 7 discussion with Congress, and there's been no movement. In fact, this -- the only movement they have made in 8 9 terms of the election space with Congress was in a recent appropriations bill to de-fund the Election 10 Systems Commission. 11 12 That's right. MS. LAGMAY: 13 MR. SCHWAB: That is the only move -- is to 14 actually take away resources for elections and not put it toward that and just knowing the state of what's 15 going on, I don't have much hope for legislation. 16 17 MR. SANDOVAL: And you feel some form of 18 this measure is going to be executed whether it's placed into the bond, on a ballot, or whether it's straight 19 20 appropriation? 21 MR. SCHWAB: I would lean towards more 22 confident than not just because of, of the need. Ι 23 think the public is acutely aware of the need for the 24 strength in our elections. It's on people's minds 25 today, and we'd be making the case to the legislature,

1	and it's, it's, it's been working. I mean, more people
2	are asking questions of, of us and the Secretary and
3	what can we do to secure elections in the future and
4	this is step one. This is across-the-board
5	recommendation from, from think tank experts across the
6	US. We got to replace voting systems first if we want
7	to secure our elections.
8	CHAIRMAN KAUFMAN: Okay. Thank you, James.
9	MR. SCHWAB: Appreciate it. Thank you for
10	taking me out of order.
11	MR. SANDOVAL: Our pleasure.
12	CHAIRMAN KAUFMAN: Okay. So do we just want
13	to finish up the Item Number 6 with a brief summary of,
14	kind of, the status of certification efforts or status
15	of voting equipment in California?
16	MS. MONTGOMERY: Yeah. Take our last agenda
17	item and do that one now and then go to Nevada? Is that
18	what you mean?
19	CHAIRMAN KAUFMAN: Yeah. It's all under
20	MS. MONTGOMERY: That makes sense.
21	CHAIRMAN KAUFMAN: We're talking about
22	voting equipment and progress or lack thereof.
23	MS. MONTGOMERY: Okay. In 2007, Secretary
24	of State, Debra Bowen, conducted a top-to-bottom review
25	of many of the voting systems certified for use in
	CALIFORNIA REPORTING, LLC (510) 224-4476
•	

г

California. Following the top-to-bottom review on August 3rd, 2007, Secretary Bowen strengthened the security requirements and use conditions for certain systems. As a result of the top-to-bottom review and subsequent decertification of voting systems, no new voting systems were approved for use in California between 2008 and early 2015.

8 Under the direction of Secretary Padilla, the 9 pace of approvals of both voting systems and voting 10 equipment in the State of California is picking up. 11 Excuse me.

In 2015 alone, two voting systems were approved for use in California specifically since the last meeting of the Voting Modernization Board in August of 2015. One of the two voting systems mentioned previously, the ES&S unit 3.4.1.0, has been approved for use in California.

There are currently eight different applications related to E-poll books under review. Additionally, there are currently two voting systems and three remote vote-by-mail systems undergoing various phases of the testing progress in California.

The passage of SB 450, California Voter's Choice Act, last year has introduced something new into the election landscape in California. Vote centers, ballot

- CALIFORNIA REPORTING, LLC (510) 224-4476 -

1 drop-off locations, drop boxes for ballots, and every 2 voter will receive a ballot in the mail. As a result, 3 the interest in voting systems and voting equipment, 4 such as E-poll books, remote

5 Vote-By-Mail systems, VBM drop boxes, and 6 ballot-on-demand, or BOD, printers has increased as 7 county election officials prepare to embrace a new model 8 of voting in California.

9 Under the Voter's Choice Act and beginning in 10 2018, 14 counties are allowed to conduct elections under 11 the Voters Choice Act model -- excuse me -- Calaveras, 12 Inyo, Madera, Napa, Nevada, Orange, Sacramento, San Luis 13 Obispo, San Mateo, Santa Clara, Shasta, Sierra, Sutter, 14 and Tuolumne. All other counties will be allowed to 15 conduct Voter's Choice Act elections beginning in 2020.

In addition to the changes brought on by the 16 17 Voter's Choice Act, another legislative directive, 18 Conditional Voter Registration, or CVR, has recently taken effect. CVR allows for a registrant to cast a 19 20 conditional provisional ballot when the registrant 21 delivers to the county elections office a properly 22 executed affidavit of registration during the period 14, 23 14 days prior to an election through and including 24 Election Day. As Nevada and other counties have pointed 25 out, this greatly complicates the task of estimating how

many ballots and at what time to report. 1 2 As we discussed in relation to Nevada County --3 or as we will discuss, project documentation plan, CVR make BOD printers a very attractive option. California 4 5 currently has four certified BOD systems, two made by 6 ES&S, one from Hart InterCivic, Incorporated, and one 7 from Runbeck Election Services, Incorporated. It is our opinion that the Voting Modernization 8 9 Board can expect to see a marked increase in the number of counties submitting project documentation plans and 10 11 requesting to come before the board to request 12 reimbursement for the purchase of voting equipment. 13 CHAIRMAN KAUFMAN: Thank you. I had a 14 couple follow-up questions, and then I'll turn to my fellow board members. 15 I mean, you make reference to a number of voting 16 17 systems here and I was just wondering -- so what is the 18 ES&S Unity 3.4.1.0? I mean, what kind of systems are we talking about and, and E-Poll books. 19 20 MS. MONTGOMERY: Okay. Well, we have NaKesha Robinson. She's with the Office of Voting 21 22 Systems Technology Assessment, and she can answer these 23 questions. 2.4 MS. ROBINSON: Good morning, Board. 25 CHAIRMAN KAUFMAN: Good morning. CALIFORNIA REPORTING, LLC (510) 224-4476.

1	MR. SANDOVAL: Good morning.
2	MS. LAGMAY: Good morning.
3	MS. ROBINSON: So answer your first
4	question, ES&S's Unity 3.4.1.0 system is a complete
5	end-to-end election system, which includes systems be
6	used inside of the polling places as well as election
7	management system at the election's headquarter office
8	to tabulate ballots.
9	CHAIRMAN KAUFMAN: So, so what kind of
10	ballot is a voter casting when they're using that system
11	instead of polling
12	MS. ROBINSON: Paper ballots.
13	CHAIRMAN KAUFMAN: Paper
14	MS. ROBINSON: Yes.
15	CHAIRMAN KAUFMAN: Optical is it an
16	optical scanning system?
17	MS. ROBINSON: Yes. Yes. Yes. They can
18	use ballot-marking systems to actually mark the ballots.
19	The ballots are then printed out and then placed into
20	the sorry the ballot drop box for tabulation later
21	on.
22	CHAIRMAN KAUFMAN: And then the E I keep
23	seeing this referred to as
24	MS. ROBINSON: Electronic. So electronic
25	poll books are essentially digital solutions to replace
_	CALIFORNIA REPORTING, LLC (510) 224-4476

Г

traditional source. 1 2 CHAIRMAN KAUFMAN: Ah, so when people are 3 signing in --MS. ROBINSON: Yes. 4 5 CHAIRMAN KAUFMAN: -- at the polling place, 6 there's a digital --7 MS. ROBINSON: Yes. 8 CHAIRMAN KAUFMAN: -- function as opposed 9 to the --10 MS. ROBINSON: The paper. 11 CHAIRMAN KAUFMAN: -- with the -- and the 12 address --13 MS. ROBINSON: Yeah. 14 CHAIRMAN KAUFMAN: All right. June, Gabe, 15 any follow-up questions? MS. LAGMAY: Um, so this, this Voter's 16 17 Choice Act to -- just to be clear, since I'm a little 18 behind the times here, it is permissive not obligatory, correct, for any county to decide to go this method? 19 20 MS. MONTGOMERY: That's correct. 21 MS. LAGMAY: And Nevada, whose budget we're 22 looking at later today, is, is permitted to go sooner, 23 in 2018, than LA County, which is permitted in 2020. 24 MS. MONTGOMERY: Correct. And then Nevada 25 is one of the 14.

- CALIFORNIA REPORTING, LLC (510) 224-4476 -

1 MS. LAGMAY: Thank you. 2 CHAIRMAN KAUFMAN: How were the 14 decided? 3 I know James said that, that Orange County was taking the lead, but was it a function of Secretary of State's 4 5 Office or the responses of the legislation deciding what 6 counties it would work for or was there a desire 7 expressed by certain counties to participate early on? MS. LEAN: There was a desire. 8 So 9 basically, there was a survey done of counties who'd be 10 interested in the before model. As we're going through, 11 crafting the legislation, these were the ones that were 12 most interested in being a part of that crafting 13 legislation and their willingness to move forward. So 14 it is optional. It would require them to change the way 15 that they were voting in their county and how to -basically, they're going to have to sell it to their 16 17 voters on why it's a good thing and why the Voting 18 Choice Act is what is needed for their county. So it wasn't going to be forced upon any of the counties. It 19 20 is optional. So there's no budget appropriation for 21 them. So it's not a state mandate. One of the reasons 22 why it's an optional adoption. And yeah, it was the 23 counties that were willing to, and so they were willing 24 to go forward and the first pilot counties to move 25 forward.

· CALIFORNIA REPORTING, LLC (510) 224-4476 ·

1 MS. LAGMAY: Would you say, generally, 2 because they're smaller, less populated counties? 3 MS. LEAN: Not necessarily. I think these were the counties who looked around and they saw the 4 5 percentage of their voters that were voting by mail 6 already. 7 MS. LAGMAY: Uh-huh MS. LEAN: So -- and the voters from the 8 9 county are used to getting the ballot in the mail. There are a small percentage of their voters actually 10 11 showing up on Election Day. So these are the, the 12 counties that have moved forward. We did ask them if 13 there would be a certain percentage, as we're going 14 through drafting the legislation, who would be willing to go forward. If you have, like, LA County, less than 15 half -- way less than half of your population voting by 16 17 mail, that's why they have a little carve out. So they 18 are allowed to go in 2020, but their positions are a little bit different. And then all of the other 19 20 counties are moving forward in 2018. So it did have 21 something to do with their current percentage of permanent voters. 22 23 CHAIRMAN KAUFMAN: You know, that triggers 24 something in my mind, and I should have asked James when he was here, but you mentioned LA County, obviously, a 25 - CALIFORNIA REPORTING, LLC (510) 224-4476 -

different animal. Under the new legislation, the funds 1 2 that are being allocated, basically reward counties who are going to a CBR system by giving them a three to one 3 4 match instead of a two to one match, but is the old 5 existing funding that's, for example, still sitting 6 there for LA County, that's still going to be subject to 7 the old three in one match? MS. LEAN: Correct. 8 9 CHAIRMAN KAUFMAN: Calculation. MS. LEAN: Correct. 10 11 CHAIRMAN KAUFMAN: Okay. 12 MS. LEAN: So -- and actually, under SB -or AB 668, there are completely different funds. 13 So the 14 2002 bond fund is its own fund. The 2018, if it's 15 passed, will be its own fund. And so because of the differences in the type of the equipment that can be 16 17 purchased -- so they're two separate funds. 18 CHAIRMAN KAUFMAN: Okay. Thank you. 19 Gabe, do you have any questions? 20 MS. LAGMAY: Oh, refresh my memory. The 21 bond funds from the 2002 election, do they have an expiration date? 22 23 MS. LEAN: There's no expiration date but 24 one bond -- ten years. We haven't had to sell any 25 bonds --

- CALIFORNIA REPORTING, LLC (510) 224-4476-

MS. LAGMAY: So it's entirely conceivable 1 2 that we could still be paying out of version one while 3 we are paying out of version two? MS. LEAN: It's very conceivable, yes. 4 5 MS. LAGMAY: Thank you. MR. SANDOVAL: Do you recall any of the 6 7 arguments that were made against the act, any policy 8 arguments? 9 MS. LEAN: Well, some of the policy 10 arguments were that, you know, voters were used to the 11 polling places, models that we have been using for many 12 years. I think some of the arguments against is that if 13 everyone gets a vote-by-mail ballot, potentially, that 14 could interfere with voters who don't currently vote by 15 mail and don't have access -- necessarily, easy 16 access -- to a vote center because vote centers are 17 going to be established in different locations. There's 18 14 different mechanisms that have to be considered where 19 they can place them. So as they were negotiating the 20 bill, they had to think about not just where is 21 convenient necessarily for the ROV, the Registrar Of 22 Voters, but what's convenient for -- one other big 23 argument against it was that voters with accessibility 24 needs feel like they might have a harder time to have 25 some barriers to voting if they were required to vote by

1	mail. They're not going to be required to vote by mail
2	because the vote centers will be open for 11 days not
3	just for the 13 hours on Election Day. However, it will
4	be a longer path and travel for them to get there.
5	So NaKesha is going to talk a little bit more
6	about the remote accessible vote-by-mail systems and
7	will allow for voters with disabilities to cast a
8	vote-by-mail ballot electronically on their home screen,
9	which they'll mail it in.
10	MR. SANDOVAL: Thank you.
11	MS. LEAN: And that was what was negotiated.
12	MR. SANDOVAL: Thank you.
13	MS. ROBINSON: So as Jana just mentioned, we
14	are also in the process of reviewing and testing remote
15	accessible vote-by-mail systems. And as she just
16	explained, those systems will allow, essentially, a
17	voter to obtain a ballot electronically, mark it, print
18	it, and submit it in a traditional vote-by-mail manner
19	as they would with the traditional vote-by-mail ballot.
20	Currently, we have three systems that we are
21	actively testing. One is from Democracy Live, another
22	from Dim Tech, and another from Five Cedars Group. We
23	initially had five applicants. The remaining two were
24	from Bogum and Prime Three. And that's both of those
25	requested they have asked that we put their
_	CALIFORNIA REPORTING, LLC (510) 224-4476

Γ

applications on hold while they continue to develop 1 their solutions. 2 MR. SANDOVAL: Thank you. 3 4 CHAIRMAN KAUFMAN: Thank you. 5 Okay. Thank you all for bringing us up to speed. 6 I would make one request of the staff that as AB 668 7 winds its way through the process, that whether we have another meeting scheduled or not, if you could make us 8 9 aware of its progress --10 MS. LEAN: Absolutely. 11 CHAIRMAN KAUFMAN: -- or outcome, that would 12 be extremely helpful. MS. LEAN: We will do that. 13 14 CHAIRMAN KAUFMAN: Thank you. 15 All right. Now, let us go back in time to Agenda Item 5, which is the project documentation plan review 16 17 and funding award approval for Nevada County. 18 And, Katherine, if you want to provide us with the staff summary. I don't know that you need to go 19 20 through every gory detail of the memo, but if you could 21 give us some highlights, I can assume that we have all read it. 22 23 MS. MONTGOMERY: Sure. Okay. So -- and we 24 do have Sandy Sjoberg with us today all the way from 25 Nevada County if we have any questions. · CALIFORNIA REPORTING, LLC (510) 224-4476 -

1	MR. SANDOVAL: Welcome.
2	MS. MONTGOMERY: Okay. So in 2002, the
3	Voting Modernization Board awarded Nevada County funds
4	that helped the county to upgrade to the Hart Optical
5	Scan/DRE voting system. Phrase two of Nevada County's
6	modernization efforts began in 2007. At that time, the
7	county purchased an optical scan precinct and central
8	count system as well as e-slat units from Hart
9	InterCivic, Incorporated using a combination of federal,
10	state, and county funds.
11	Since 2001, the number of voters requesting
12	vote-by-mail ballots has more than tripled. Of the
13	county's 68,000-plus voters, 77.6 percent have requested
14	permanent vote-by-mail status with a possible additional
15	five percent, depending on the election, residing in an
16	all-mail ballot precinct.
17	Nevada County maintains that the purchase of a
18	ballot-on-demand system will help it keep up with the
19	increasing number of vote-by-mail voters in its county.
20	Nevada County anticipates that the ES&S Balotar
21	will continue to improve the process by which they
22	provide daily vote-by-mail and over-the-counter ballot
23	requests. Every election requires a different set of
24	ballots, known as ballot types, which vary according to
25	the combination of federal, state, and county and local

Г

CALIFORNIA REPORTING, LLC (510) 224-4476

1 district offices that are up for election as well as any 2 measures that have qualified for the ballot. During an 3 election year, Nevada County can have up to 25 different 4 ballot types.

5 The county must provide a sufficient number of 6 ballots for each voter along with enough overage of each 7 ballot type to allow for newly registered voters, 8 provisional voters, and spoiled or replacement ballots. 9 The number of ballots ordered must also take into 10 account expected voter turnout for a given election.

Additionally, now that VoteCal -- the statewide voter registration -- is the system of record. In California, Conditional Voter Registration, as we have discussed, takes effect. With CVR, voters can now register up until the close of polls on Election Day, greatly complicates the task of estimating how many ballots and in what type to order.

Nevada County believes that -- Nevada County believes the ballot-on-demand printers will allow the County to reduce somewhere between 25 and 45 percent, greatly minimize ballot spoilage, and help manage the issues that have been created by Conditional Voters Registration.

Let's see. Nevada County's efforts to modernize the way they handle both the increasing number of VBM

voters and the impending same-day registration of voters 1 2 while saving an estimated \$6,962 in taxpayer money by 3 using ballot-on-demand printers can certainly be seen as in line with the spirit of the Voting Modernization Bond 4 Act of 2002. 5 6 Nevada County reports that the Balotar is easy to 7 use even by individuals who are, quote, nontechnical. This will greatly simplify the training Nevada County 8 9 provides to its poll workers or if Nevada County does 10 expand its operation to include vote centers as provided 11 for in SB 450 to additional county employees or 12 temporary workers who will staff the vote systems --13 sorry -- staff the vote centers. 14 The Balotar printer system has been approved by the Secretary of State's Office for use in California 15 since August of 2012. 16 17 Please note that the staff proposed funding award 18 is based upon allowable reimbursement under Proposition 41 for voting equipment hardware and software only. 19 The 20 ballot sheet processing fees listed in the Nevada 21 County's contract with ES&S would not be covered as a 22 reimbursable claim under Proposition 41. 23 Also, while recommending the approval of funding 24 for the purchase of two ballot-on-demand printers, we 25 would like to make it clear to the county -- make it

-	
1	clear to the county that the cost for ink or paper for
2	the ballot-on-demand printers is not reimbursable under
3	Proposition 41.
4	Nevada County will only receive VMB payments once
5	it has submitted detailed invoices for its voting
6	equipment.
7	It is our recommendation that Nevada County's
8	phase two project documentation plan be approved and a
9	funding award letter be issued in the amount of \$9,888.
10	CHAIRMAN KAUFMAN: Thank you. And let me
11	let me welcome Ms. Sjoberg to this meeting. And I just
12	want to say it's a as you have heard reference here,
13	it's been two years since this commission has met, and
14	there's nothing we like more than being able to give out
15	money to help make voting easier for people and to make
16	elections easier to administer for election officials.
17	So we're pleased to see you're here and, and
18	happy to be considering this, this funding request. I
19	don't know if you had anything you wanted to say off the
20	bat or whether we would just fire away with whatever
21	question we had.
22	MS. SJOBERG: You could just fire away with
23	whatever questions you had.
24	CHAIRMAN KAUFMAN: I had a couple to start.
25	First off, I wanted to understand just a little better,
	CALIFORNIA REPORTING, LLC (510) 224-4476

all these, these new voting systems are being -- and 1 2 equipment is being thrown around by -- and I read all of 3 the things that the system does but I wanted to understand just a little bit better how it actually 4 5 functions. And as I'm understanding it, if I'm a voter and I show up at the -- at your office, at the clerk's 6 7 office, or the registrar's office and I want to register 8 to vote or I want to request a vote-by-mail ballot, this 9 is the printing system that essentially will draw my ballot type or whatever from your central system and be 10 11 able to spit out my vote-by-mail ballot right then and 12 there; is that correct? MS. SJOBERG: That is correct. 13 So 14 basically, you come up to our counter. We would check 15 you in on our election management system. And it's triggered from -- our election management system sends a 16 17 message right to the ballot-on-demand to send -- to 18 print you out the correct ballot type for your 19 address -- for your precinct. So there -- or you can 20 actually take your vote-by-mail ballot with you or you 21 have the option of staying in your office and voting 22 your ballot right then. So those are two options it 23 provides for, and it's made it a lot easier, a lot 24 faster for the voters to get checked in and checked out. 25 CHAIRMAN KAUFMAN: And, obviously, voting in

Nevada County is a lot different than voting in Los 1 2 Angeles County, where I'm from, but the allocation here is for two printers, correct? 3 4 MS. SJOBERG: The system came with two 5 printers. So we bought -- we went out to an RFP and --6 company submitted their RFP. ES&S's ballot, our system, 7 came with a computer system and two printers, which 8 we -- were less expensive than other vendors were asking 9 for. And so we thought that was a great thing because 10 if one printer goes down, we still have an optional 11 other printer that can pick up and continue to work 12 without getting tech support there right at that moment. 13 CHAIRMAN KAUFMAN: Okay. But at this point, 14 it's still a function of these ballots being issued out 15 of your office. It's not like one printer is in one location --16 17 MS. SJOBERG: Correct. 18 CHAIRMAN KAUFMAN: -- and the other is your 19 office. 20 MS. SJOBERG: Correct. The printers sit 21 underneath our counter we have in our office, where 22 voters can come in and sit down, where we're sitting 23 down and the voter's sitting down. So it's a one-to-one 24 eye contact. Their printers are underneath our counter, 25 and we get to stay there working with our voters the

- CALIFORNIA REPORTING, LLC (510) 224-4476 -

1 whole time.

2	CHAIRMAN KAUFMAN: So as opposed to your
3	former system of having to I think as the
4	materials in here suggest, order from your printer
5	however many ballots you think it's going to take to
6	satisfy all your mail-in requests for vote-by-mail
7	ballot, you can now not order as much, at least
8	initially, and deal with requests as they come in by
9	having this printer spit out either for people who
10	request by mail or by people who walk in and actually
11	request the ballot in their amendment.
12	MS. SJOBERG: Correct. So in the past
13	system, the way we used to do it in past, we order over
14	and above, estimating always, and always having a waste
15	that would have to be destroyed after the election. And
16	we'd order those from our printers or from our printers
17	that would ship the ballots up. So then you have the
18	shipping cost, and you have all this additional cost,
19	employee time to go through and verify that all the
20	ballots are accurate, and the inventory and so forth and
21	so on. And those would get stored in its own locked
22	room. So when a voter would come in and request a
23	vote-by-mail ballot or vote there in our office, we
24	would have to actually look up the voter's ballot type,
25	go back to our locked room, look for the ballot, find

1	it, come back, do grab another employee to have them
2	verify that the ballot type that we grabbed out of our
3	secret room was the correct ballot type before we issued
4	it to the voter. Taking more time away from getting
5	people in and out and getting them on their way to
6	voting. So that's how the system was done then. Now we
7	don't have that extra locked room to store all these
8	extra ballots and we don't have to destroy ballots at
9	the end of the election because there's, there's only
10	ballot paper that can be used for the next election.
11	CHAIRMAN KAUFMAN: And presumably, this
12	also, kind of, saves, you know, those people who might
13	wait too long to send in a vote-by-mail request then
14	can't get the ballots back to them in time. So now
15	it's
16	MS. SJOBERG: Correct.
17	CHAIRMAN KAUFMAN: issued immediately.
18	Yes?
19	MS. SJOBERG: Correct. So we, we actually
20	set up our office in November as a vote center model for
21	early voting is how we set it up. And we actually
22	had our, our electronic voting equipment out and we had
23	our scanner set out. We have a voting room that people
24	can go into and vote. So it worked really well. So
25	people were able to come in. CVR is going to be
	CALIFORNIA REPORTING, LLC (510) 224-4476

wonderful, because they can come in, do their 1 2 registration. We can get them in the system, determine 3 which type of ballot type they're going to vote, give them that ballot, and then check the Secretary of 4 5 State -- check, check our Cal voter and make sure that it's -- they haven't issued another ballot in another 6 7 location and process it. CHAIRMAN KAUFMAN: 8 Great. 9 June, do you have any questions? 10 MS. LAGMAY: If it was written in the report 11 and I overlooked it, I apologize, but can you clarify 12 for me, will Nevada County do the voting centers option model in 2018, or that's still to be seen? 13 14 MS. SJOBERG: We're in the midst of 15 developing our project plan. Our intent and our, our intent currently is to proceed forward and go live with 16 17 the vote center model of SB 450 in 2018, June. 18 MS. LAGMAY: Not that you have to. 19 MS. SJOBERG: Not that we have to. Our 20 situation is different than Orange County's situation, 21 whereas, our elected official, he's elected not 22 appointed, so he doesn't have to have our board's 23 approval to proceed. So we're going about it a little 24 different. We're looking forward to it. We're pulling 25 our community in right now and starting to develop our

- CALIFORNIA REPORTING, LLC (510) 224-4476 -

plan, and then we'll do an open informational resolution 1 2 to our board and our public once the plan has been 3 developed. MS. LAGMAY: Very good luck to you. 4 5 CHAIRMAN KAUFMAN: Gabe, any questions? 6 MR. SANDOVAL: Good. 7 CHAIRMAN KAUFMAN: Okay. Thank you, Ms. Sjoberg. 8 9 MS. SJOBERG: Thank you. 10 CHAIRMAN KAUFMAN: Okay. So with that, do 11 we have a motion to approve the funding award request of 12 Nevada County in the amount of \$9,888? 13 MR. SANDOVAL: So move. 14 MS. LAGMAY: Second. CHAIRMAN KAUFMAN: Mr. Sandoval moved. 15 MS. LAGMAY: June Lagmay seconds. 16 17 CHAIRMAN KAUFMAN: Seconds. 18 Why don't you just pull up the vote on this one. 19 MS. MONTGOMERY: Stephen Kaufman. 20 CHAIRMAN KAUFMAN: Aye. 21 MS. MONTGOMERY: June Lagmay. 22 MS. LAGMAY: Aye. 23 MS. MONTGOMERY: Gabriel Sandoval. 24 MR. SANDOVAL: Aye. 25 CHAIRMAN KAUFMAN: Great. Congratulations, CALIFORNIA REPORTING, LLC (510) 224-4476 -

Nevada County. 1 2 MS. SJOBERG: Thank you. CHAIRMAN KAUFMAN: Okay. Do we have any 3 other business to bring before this esteemed board 4 5 today? 6 MS. MONTGOMERY: We do not. 7 CHAIRMAN KAUFMAN: Again, I just want to say 8 how happy I am to see everybody. Hopefully, we can do 9 this more often for good reasons that we hope will come 10 our way. 11 Do we have a motion to adjourn these proceedings? 12 MS. LAGMAY: Before we do, can I have a second. The Voting Commission that's been established 13 14 in Washington DC -- I know it's peripheral to what we're 15 doing here, but is there a way that we could get periodic updates on a, more or less, formal level on how 16 17 that's coming along instead of what we get, you know, 18 through the general news media? Is that something that staff could give us a little bit more formal structure 19 20 as it -- as it impacts California? 21 MS. MONTGOMERY: Sure. We could do that for 22 you. 23 MS. LAGMAY: Okay. Thank you very much. 24 CHAIRMAN KAUFMAN: Okay. Do we have a 25 motion to adjourn? Who wants to make it? - CALIFORNIA REPORTING, LLC (510) 224-4476 -

MS. LAGMAY: I'll do it. I move to adjourn. CHAIRMAN KAUFMAN: I'll second since Gabe's -- second. All in favor. MS. LAGMAY: Aye. MR. SANDOVAL: Aye. CHAIRMAN KAUFMAN: Okay. With that, our meeting is concluded. (Whereupon the proceedings adjourned at 11:28 a.m.) ------ CALIFORNIA REPORTING, LLC (510) 224-4476 —

1	I, Brittany Flores, a Certified Shorthand Reporter of
2	the State of California, duly authorized to administer
3	oaths, do hereby certify:
4	That the foregoing proceedings were taken before me
5	at the time and place herein set forth; that a record of
6	the proceedings was made by me using machine shorthand
7	which was thereafter transcribed under my direction;
8	that the foregoing transcript is a true record of the
9	testimony given.
10	I further certify I am neither financially interested
11	in the action nor a relative or employee of any attorney
12	of party to this action.
13	IN WITNESS WHEREOF, I have this date subscribed my
14	name.
15	
16	Dated:
17	
18	
19	Brittany Flores CSR 13460
20	
21	
22	
23	
24	
25	
	CALIFORNIA REPORTING, LLC (510) 224-4476
	CALIFORNIA REFORIING, LLC (JIU) 224-44/0