WYLE TEST REPORT NO. T56285-01

APPENDIX A.12

DEFICIENCY REPORT

12 pages including cover page

Wyle ID	Application /Category	Issue	Resolution	Test	Standard
0000001	Ballot Layout Manager	If you power on and off the OVI too quickly the touchsccreen will flip to a mirror image, but keep the original calibration.	The TDP was updated to state that if power is removed from unit, wait at least 7 seconds before restarting the unit, allowing the memory to clear.	FCA	N/A
0000002	Ballot Layout Manager	Default instructions for "Fill in oval completely" spelling in the default text	Default database was updated and text was corrected.	FCA	V1: 3.1.4 b.
0000003	Ballot Layout Manager	Reorder contest modal box and language translation modal dialogue boxes do not communicate successful saving of changes.	Messaging was added to confirm changes to the user.	FCA	N/A
0000004	Ballot Layout Manager	Ballot Preview tab holds the last ballot previewed in memory even after a ballot has been rebuilt.	User is prompted to select a precinct to preview a ballot style, after a rebuild of the ballot.	FCA	N/A
0000005	Ballot Layout Manager	When setting up translations, when Spanish is selected in drop down, the language field says English instead of Spanish	Default database was updated and now says Spanish.	FCA	N/A
0000007	Ballot Layout Manager	Spacing in Straight Ticket Selection header is not uniform with other contest headers.	Text spacing was adjusted for straight party headers.	FCA	V1: 2.2.1.2 c.
0000009	Ballot Layout Manager	Updating the Election's date, does not change the election date in the upper left hand corner of the election window.	Election date updates all occurrences of the election date, correctly.	FCA	N/A
0000010	Software Server/Hardware	Unable to update OVO using software server because of a time zone mismatch error.	OVO units can be set with a timezone other than PST/PDT correctly.	N/A	N/A
0000011	Election Manager	Deleting a deactivated admin or superuser, does not actually delete the user. Upon logging back in the deleted user will be present in a deactivated state.	Issue was fixed in a succeeding software release, and ability to delete an admin or superuser was verified.	FCA	V1: 7.2.1 a.
0000012	Ballot Layout Manager	When adding text to the body of a ballot measure, line spacing was set at 28 and the changes were updated. After closing and re-opening the election, the line spaces number defaults to 1. If any text changes are made and updated, the line spacing is changed to the default value.	When 28 line spaces are set and the election is reopened, the 28 line spaces remain set to 28.	FCA	V1: 2.2.1.1 b. iii

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0000013	Ballot Layout Manager	When markup tags for bolding text are used in the body of a ballot measure, they show up in the preview and design of the ballot, but upon export of the election, the text is not bolded in the ballot PDFs. This concerns both the default PDFs and the Digital Press Format PDFs.	When markup tags are used to bold text, the text shows up correctly bolded on both the normal and the digital press format ballot PDF's.	FCA	V1: 2.2.1.1 b. iii
0000014	Ballot Layout Manager	When adding text to the body of a ballot measure, the line spacing was set to 30. In the preview of the text this produces the desired spacing. However, when the ballot is built and exported, the line spacing is much more than the desired amount. The line spacing seen in the ballot preview window does not match the spacing on the built ballots and exported ballots.	After a new OCS release, formatting errors were addressed, and text now displays correctly, in preview and on ballot.	FCA	V1: 2.2.1.1 b. iii
0000015	Election Manager	Concluded election icon says "inkavote"	Updated icon says "OpenElect" with a checkmark.	FCA	N/A
0000016	Election Manager	When adding sounds to an election, one of the required sounds: instruct_not_satisfied_start_en.mp3, has three spaces between start and _en.mp3. This causes the user to have to rename the mp3 until three spaces are present between start and _en.mp3.	Three extra spaces are no longer part of the filename.	FCA	N/A
0000017	OVI	Usage of sip and puff does not allow the user to navigate the instructions screen using the page < and > buttons, preventing the user from completely reading the ballot instructions, and user cannot access zoom function when voting.	Sip and puff voters have access to the < and > buttons on the instruction screen, and can access the magnifying tool by proceeding to the end of the ballot and proceeding forward, which moves the cursor to the magnifier.	FCA	V1: 3.2.3 d.
0000018	OVI	Inserting headphones into Binary Input Jack causes erratic behavior such as selections and deselections on a ballot occurring.	If headphones are plugged into the Binary Input Jack, a keypad plugin error message is displayed informing the voter that headphones are plugged in to binary input.	FCA	V1: 3.1.6 d i. & ii.
0000019	Tabulator Monitor	Admin user can delete an election that contains no imported voting data.	Delete function is grayed out for Admin users.	FCA	V1: 7.2.1 f. & g.

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0000020	OVO	Under certain situations, an error would cause the OVO to count a ballot twice.	A software change was implemented which handled the error preventing any recurrence of the behavior.	Temp/Power	V1: 2.1.8 b. & c.
0000021	OVI	The default sound level on the OVI does not meet the requirements of the VVSG.	After a new software release, the acoustics tests were run again, and the default sound level was met.	N/A	V1: 3.2.2.2 c. v & vi
0000022	Tabulator Monitor	When an election is opened, and manual vote entry is chosen from the Election menu, close the election using the x on the right corner. Then, open same election by double clicking on the icon, and access the Manual Vote function again. Close the election the same way as before. Reopen election by double clicking, then try to select manual vote or RCV Tally, and nothing happens. The application must be closed and the user must login again to return to normal functioning parameters. The RCV function may also be selected during all steps and the same problem occurs.	Tabulator Monitor menus no longer exhibit this behavior.	FCA	N/A
0000023	OVI	Increasing tempo too many times causes audio playback to stop.	Instructions for creating sound files were added including the required sample/bit rate, necessary for correct operation of the tempo function.	FCA & Usability	V1: 3.2.2.2 c. ix.
0000035	OVO	During testing a ballot became jammed in an OVO unit, and the user was prompted to input the election password. The ballot jammed screen was displayed, and the red light over the ballot reader remained lit. The user pressed back on the screen, but the jammed ballot was not cleared. The user then inserted another ballot when prompted by the OVO, while the light was still red, and the ballot was accepted. The ballot count came out correctly.	This situation was handled by an OVO software release. This behavior is no longer exhibited by the OVO.	Temp/Power	N/A

Note: 0000083 is not listed as it is a duplicate of 0000023.

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0000036	Ballot Layout Manager	When cycling through districts, the contests defined for each district may disappear from the user's view. Selecting a different district will allow the contest to reappear when the affected district is selected again.	This behavior was no longer exhibited following a new OCS release.	FCA	N/A
0000038	Election Manager	When playing back the election sounds uploaded into an election, the playback will sometimes skip some of the audio files or not fully play them back.	Instructions for creating sound files were added to the TDP, including the required sample/bit rate, which prevents this behavior from occurring.	FCA	N/A
0000039	OVI	After loading an election on an OVI, the back button was used to return to the maintenance password screen. A repeat touch (accidental activation) was observed.	The OVI no longer exhibits this behavior.	N/A	V1: 3.1.6 d. i. & ii.
0000041	Ballot Layout Manager	When setting up absentee voting by ballot style in the election preferences, if the Absentee Start field is left empty, and one of the buttons on the user interface is pressed, the build button for instance, the error message related to the empty field will be displayed and the button will appear to be pressed in, and turns gray. This appears to work for all buttons on the screen at the time of the error. The buttons remain grayed out until the field is populated and the button is pressed again.	This behavior is no longer exhibited by the application. If the user leaves the absentee start field empty and attempts to select a button, the user will receive a prompt that states: "Do you want to continue without updating? Yes or No"	FCA	N/A
0000042	Election Manager	During the restoration of an election the application states, "There was a problem," with no other explanation given. Problem occurs when an accepted sound file is unchecked, then the election is restored.	After an OCS release, the behavior no longer presented itself. The application log states, "Not a full set of sound files."	FCA	V1: 2.1.5.1 b. ii & iv
0000043	Ballot Layout Manager	When inputting a split precinct including an absentee, provisional, and a normal precinct, and the 3 digit precinct ID preference is set, the application appears to sort the precincts in an alphabetical order. For example, when viewing the precincts, the precinct numbers appear as: 0050, 0052, 0053. 0051 appears to be skipped.	Issue was addressed in an OCS release. Using a 3 digit precinct ID no longer exhibits this behavior.	FCA	V1: 2.2.1.2 b. & 2.2.2 b.

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0000045	OVO	After a precinct has been initialized using a header ballot, when the user does not wish to add another precinct and presses the done button, it does not go to the next screen. The user must insert the same header ballot again, causing the OVO to state that the precinct was already added, and then press done, to advance to the next screen.	If a ballot is placed at the entry to the reader and removed quickly during the initialization process, this situation will occur. This will require the initialized precinct's ballot to be reinserted.	FCA	N/A
0000047	OVCS	In the OVCS client, if a session is opened and closed, and the scanner is disconnected before hitting okay after the message stating the tabulation was completed successfully, the session type dropdown will be grayed out, but the create session button is accessible. If a session is created, then closed, the session type drop down becomes available.	Unisyn stated that this situation occurs because the scanner's power is off thus the OVCS client loses communication with the scanner. To prevent this situation the manual states that the application should be closed, the scanner powered on, and the application launched.	FCA	N/A
0000048	Ballot Layout Manager	When creating a contest, 0 was input into the vote for field, which violates the lower boundary stated in the system limits.	Error is now displayed stating that the Vote For field must be populated with a number between 1 and 25.	FCA	V1: 2.2.1.2 b. & 2.2.2 a.
0000049	Ballot Layout Manager	When adding a precinct, If the precinct name is left blank, while the precinct number and rotation number are input and the precinct is added, the precinct name is populated with the precinct number.	After new OCS release, When precinct is added with the precinct name field empty, the precinct name will be: Precinct <precinct number>.	FCA	V1: 2.2.1.2 b. & 2.2.2 b.
0000050	Ballot Layout Manager	When adding a precinct, if all fields in the add precinct form are unpopulated, and the add button is selected, an error displays regarding a precinct number being required, and the precinct name field is populated with the word "Precinct"	After new OCS release, if all precinct fields are left blank and add is selected, the system inputs Precinct as the precinct name, precinct rotation as 1, and the user is prompted to input a 4 digit precinct number.	FCA	V1: 2.2.1.2 b. & 2.2.2 b.
0000051	Ballot Layout Manager	When adding a precinct, 0000 was input as the precinct number/ID, which breached the lower boundary stated in the system limits.	Error is now displayed stating that the precinct cannot have a number/ID less than 1.	FCA	V1: 2.2.1.2 b. & 2.2.2 b.
0000052	Ballot Layout Manager	When adding a precinct, 0000 was input as the precinct rotation number, which breached the lower boundary stated in the system limits.	If 0000 is entered in the precinct rotation field, the value is automatically defaulted to 1.	FCA	V1: 2.2.1.2 b. & 2.2.2 b.

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0000053	OVI	When the magnifying option is selected on the OVI, only contest headers, not candidates, were magnified.	OVI magnifying option now magnifies candidates as well as headers.	FCA	V1: 3.2.2.1 b.
0000055	Ballot Layout Manager	The system limits stated that the ballot title is a 50 digit alphanumeric field. However, the user guide text says the field accepts a 75 digit alphanumeric entry. During testing, the limit as stated in the limits section of the user guide was breached.	The limits section of the user guide was updated to reflect the 75 digit alphanumeric field.	FCA	V1: 2.2.1.1 b. i-iii
0000056	Ballot Layout Manager	The stated limit for the ballot measure input field is 2000 characters. The field accepted 2500 characters during testing..	The limits were updated to reflect the 2500 alphanumeric characters that the ballot measure input field supports.	FCA	V1: 2.2.1.1 b. iii
0000057	Ballot Layout Manager	During the creation of ballot measures, the number of text spaces available for input are inconsistent in the documentation. The limits state 2-15 spaces and the user guide text states 1-15 text spaces. During input of the measure, the text spaces dropdown menu was grayed out.	The available text spaces stated in the TDP are now consistent, and the ballot measure must be input before text and header spaces may be adjusted.	FCA	V1: 2.2.1.1 b. iii
0000058	Ballot Layout Manager	During the creation of ballot measures, the number of text spaces available for input are inconsistent in the documentation. The limits state 2-15 text spaces may be used. An input of 1 space was input, breaching the lower limit of the field.	The TDP was updated to state in the limits that 1-15 spaces are available.	FCA	V1: 2.2.1.1 b. iii
0000059	Ballot Layout Manager	During the creation of ballot measures, the upper limit of text spaces was stated to be 1-15 spaces. Input of 34 text spaces was input, breaching the upper limit of the field.	The maximum number of text spaces has been updated to a maximum of 34 header spaces. This limit was updated in the TDP. Text and header spaces are now dependent on each other's setting. Text spaces will decrease as header spaces increase and vice versa.	FCA	V1: 2.2.1.1 b. iii
0000060	Ballot Layout Manager	During translation of a contest, the upper boundary stated in the limits section of the user's guide was reached, however, after building the ballot and previewing it, the translation text did not display correctly.	Upon building of the ballot, the user is notified that formatting errors exist. Oversized ballots, are created, but the election xml cannot be exported.	FCA	V1: 2.2.1.3 a.

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0000061	Ballot Layout Manager	The limits section of the user's guide states that the upper limit for adding instructions to the ballot is a 2000 digit alphanumeric input. 2500 digits were input, breaching the upper limit of the field.	The TDP was updated to reflect that the upper limit of the field is 2500 alphanumeric characters.	FCA	V1: 2.2.1.1 b. i
0000062	Ballot Layout Manager	When creating an instruction text block, 2500 characters were input, and the preview was displayed. In the text block preview, page 1 was blank; page 2 contains text in block; page 3 has text outside of block.	The adjustment of text spaces to 15 allowed the text to be formatted correctly.	FCA	V1: 2.2.1.1 b. i
0000063	Ballot Layout Manager	When creating an instruction text block, the lower limit of the number of text spaces was breached. The limits section of the user's guide states that the number of available text spaces is from 2-15. 1 text space was an available selection.	The documentation states that the number of text spaces depends upon the length of the ballot.	FCA	V1: 2.2.1.1 b. i
0000064	Ballot Layout Manager	After the maximum number of characters in an instruction text box was input, the ballot was built and previewed, showing that the text was incorrectly formatted. Upon using the ability to preview the ballot, the text input into the instruction text block was incorrectly formatted on the ballot and not just in the preview window.	When the user inputs text that would cause this situation, a warning will be displayed regarding invalid formatting, and that the text input exceeds available space.	FCA	V1: 2.2.1.1 b. i
0000066	OVO	OVO accepted double feed of ballots, allowing two ballots to be cast and only one counted.	A gate was added to the scanner with a tolerance set to .10mm, preventing multiple ballots to be fed at the same time. Also, OVI ballots must be fed in the center of the scanner, preventing two ballots being fed side by side.	FCA	V1: 4.1.5.1 e
0000068	Tabulator Monitor	When performing manual adjustment of votes, user is able to create an adjustment of +10001 to vote count and -10001 to vote count, when +10000 and -10000 are the stated limits.	If the public count is set to -1 or 10001, the user receives an error stating that an integer between 0 and 10000 is required.	FCA	N/A

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0000069	Tabulator Monitor	After a vote adjustment of +10001 or -10001 is made, the adjustments were able to be applied to a candidate, when the stated limits are +10000 or -10000.	If the user attempts to make an adjustment of 10001 or -10001, they will receive an error message stating that an integer between 10000 and -10000 is required.	FCA	N/A
0000070	Tabulator Reports	During the review of the Tabulator Reports audit log, the audit log displayed two pages. The first page was not completely filled, yet a second page existed which was completely blank. This behavior was not exhibited by the audit logs of other OCS applications.	After a new OCS release, the audit log displayed correctly as only one page.	FCA	N/A
0000071	OVCS	After a write-in session is completed, and the user proceeds to the upload screen, the type of session and session ID for the write-in session is not completely displayed. The text field is not adjustable enough to make this data fully visible.	The upload screen's column lengths are large enough that all information is visible to the user.	FCA	N/A
0000072	OVCS	OVCS icon says "Optical Vote Central Scan."	Icon now says "Central Scan"	FCA	N/A
0000075	Ballot Layout Manager	When setting translations, translations of party names do not show up on the ballot until the application has been restarted.	After a database update, translation of party names does not require the application to be restarted.	Usability & Accessibility	V1: 2.2.1.2 b.
0000076	Election Manager	When previewing the ballot, Japanese characters (ideograms) display as white boxes and not as characters.	Japanese characters (ideograms) display correctly after a database update.	Usability & Accessibility	N/A
0000077	OVCS	In the OVCS session summary report, blank ballots are not accounted for on the report. The OVCS records votes case for each contest, not the number of ballots scanned.	The session summary report now lists the total number of ballots processed, therefore accounting for blank ballots.	Volume & Stress	V1: 5.4.4 e.

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0000078	OVCS	Error 12: The OVCS scanner lost connection with the OVCS application causing votes to be scanned, but not being able to commit the batch. The user was locked out of all controls, until the scanner's power was cycled. The program would not let user exit the application as counted ballots had not been committed even thought the valid and invalid counters read: 0. User intervention required in the OVCS data directory.	The Error 12 is now handled correctly when the scanner and the OVCS client application lose communication.	Volume & Stress	V1: 2.1.3 a. & b.
0000079	Tabulator Monitor/Election Manager	Tabulator reports do not contain results by tabulator.	Machine summary function was added to the Election Manager application, which contains voting reports by machine (OVO and OVCS).	FCA	V1: 2.4.3 b. & c.; 5.4.4 a., b. & d.
0000081	OVI	Voter is not able to pause audio playback on the OVI.	Pressing the tempo buttons simultaneously pauses audio playback.	Usability & Accessibility	V1: 3.2.2.2 b. iii
0000082	OVI	Voter is not able to resume paused audio playback on the OVI.	Pressing either volume button resumes audio playback.	Usability & Accessibility	V1: 3.2.2.2 b. iii
0000084	OVI	Ability to reset all adjustable settings to defaults is not available.	This was addressed in the TDP by stating that the ballot should be cancelled and a new one begun, to reset all settings to defaults.	Usability & Accessibility	V1: 3.1.5 c.
0000085	OVI	The touch sensitive area of the touchscreen has the wrong vertical height, and the wrong height center to center of adjacent touch sensitive areas.	A new release of the OVI software addressed this issue. The touch sensitive areas were set to the correct size and spacing.	Usability & Accessibility	V1: 3.1.6 d. i
0000086	OVI	The default text presented on the electronic display to the voter, does not meet the 3-4mm in height called out in the VVSG. Magnified text size (larger font size) is not between 6.3-9mm.	A new release of the OVI software increased the font sizes. Also, no margin of error is given so a ruler was used to verify font heights.	Usability & Accessibility	V1: 3.2.2.1 b.
0000087	OVI	Holding the up arrow on the ATI handset causes a repetitive action.	Holding down the up arrow or any ATI handset button no longer causes a repetitive action.	Usability & Accessibility	V1: 3.1.6 d. ii

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0000115	OVI	VVSG 2005 Volume 1 Section 3.2.4 a. discusses space requirements, and floor slope requirements for setting up the accessible voting station. This requirement is not addressed in the Technical Data Package.	The TDP now states the setup requirements for the accessible voting station.	Usability & Accessibility	V1: 3.2.4 a.
0000125	OVO	During the Volume and Stress test, 10000 ballots with many write-ins, failed to tally.	A software change was implemented which stopped the capture of write-in images, allowing the OVI to total a large number of write-in votes.	Volume & Stress	V1: 2.1.3 a.
0000127	Election Manager	When the play button is selected and sounds are being played back, pressing stop and then start again quickly, will cause two threads of sounds to be played. The threads will alternate which sound is played.	A new release of OCS fixed this issue. Two threads of sounds cannot playback after the fix was implemented.	FCA	N/A
0000128	Tabulator Monitor	When an RCV election's results are loaded, and a machine summary report is generated, multiple database errors occur.	Database issue. The database used for the election was older than the newest build, in which database changes had been made, causing incompatibility.	FCA	N/A
0000129	OVI	When voting a contest with multiple candidates, pressing the up and down arrows multiple times rapidly, will result in multiple sounds being played back at the same time.	After a new OVI software release, the OVI no longer displays this behavior.	N/A	V1: 3.2.2.1 f.; 3.2.2.2 c. viii.
0000132	Election Manager	Pressing the play button in the Election Manager application, then pressing the stop button, leaves all sound functions except the play and stop buttons locked out. If this lockout occurs, the user is required to exit and reopen the election to restore functionality.	A software release fixed this issue. Pressing play and then stopping playback no longer causes buttons to be locked out.	FCA	N/A
0000133	Election Manager	If the play button is selected and the stop button is selected to stop play back of all sounds, then the play button is selected and all sounds are played back, the button for playing an individual sound is locked out. If this lockout occurs, the user is required to exit and reopen the election to restore functionality.	A software release fixed this issue. Lockout of the play individual sound feature no longer occurs when playback is stopped and restarted and finishes going through the cycle.	FCA	N/A

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0000135	OVI	The text formatting tag produces a line break but the tag is visible on the OVI.	After a new OVI release, the tag produces a line break, but is no longer visible.	System Integration	V1: 3.1.4 c.
0000136	OVI	When the OVI magnifying tool is in use, and a write-in is entered, the text for write in, cuts off the bottom of the write-in text. Candidate descriptions also exhibit this behavior.	After a new software release, this behavior is no longer exhibited when the OVI magnifying tool is used.	System Integration	N/A
0000140	Tabulator Client	The Tabulator Client application log records a TM unmounting error: Command failed: sudo umount -l /media/disk	Error message no longer occurs when TM's are unmounted, after a new OCS release.	System Integration	N/A
0000141	OVI	Unmagnified contests chop off part of the header title.	Issue was fixed in a new OVI software release.	System Integration	N/A
0000142	OVCS	When performing OVCS diagnostics, the match counter does not increment.	Issue was fixed after a new OVCS release was prepared.	N/A	V1: 2.1.4 j.
0000144	Election Manager	In the ballot proof report, write-ins in the last contest before separation for the next party, appear underneath the party header on the report.	Issue was fixed in a new OCS release. The write in is now grouped with the correct contest.	System Integration	V1: 2.1.6 f.