



## ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

**Manufacturer:** Election Systems & Software (ES&S)

**System:** ExpressVote XL

**ECO Number:** 1200

**ECO Description:** ExpressVote XL touchscreen firmware

**Overview:**

Update XL touchscreen firmware to address loss of touch when objects are in contact with screen for extended periods of time. Change to XL touchscreen firmware from 0x3DF6 to 0x9EBC.

Systems Affected:

Federal:

EVS: 6.3.0.0, EVS 6.4.0.0, EVS 6.5.0.0

State:

EVS 6.3.0.1, EVS 6.4.1.0

**Supporting Documentation:**

ECO 1200 ORIGINAL (*Submitted ECO*)

EAC ECO 1200 Required Questions (*ES&S Supplemental Information*)

Test Case - XL Touchscreen Firmware 0xE9BC- 1

**Engineering Recommendation:**

Pro V&V performed functional regression testing following installation of the updated firmware and a review of submitted technical documentation. Based on successful functional testing and the documentation review, Pro V&V determined the submitted modification does not require additional testing.

Pro V&V determines the submitted modification does not adversely impact the functionality, performance, accessibility, usability, safety, or security of the components or system or alter the overall configuration of the certified systems. No change to ExpressVote XL software is required. Per ES&S, there is no impact to election official documentation.

*Pro V&V evaluated this ECO under Section 3.3.2 Bug Fix of the Voting System Testing and Certification VVSG Lifecycle Policy.*

**Engineering Analysis:** De Minimis - No Testing Required

**Reviewer:**

**Wendy Owens**

Printed Name

*Wendy Owens*

Signature

07/23/2025

Date

**Approver:**

**Michael L. Walker**

Printed Name

*Michael L. Walker*

Signature

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