



December 28, 2019

VIA EMAIL TO [dbrenchley@utah.gov](mailto:dbrenchley@utah.gov)

Derek Brenchley, Deputy Director of Elections  
Utah Lieutenant Governor's Office  
350 N. State Street, Suite 220  
Salt Lake City, UT 84114-1027

**RE: Notification of Engineering Change Order (ECO) 1043**

Dear Derek:

Pursuant to Election Systems & Software, LLC (ES&S) company policy, notice of Engineering Change Orders (ECO) to Election Assistance Commission (EAC) or state certified hardware components are being provided to the Utah Lieutenant Governor's Office. All ECOs that are submitted by ES&S are reviewed by an EAC accredited Voting System Testing Laboratory (VSTL) for conformance to the Voluntary Voting System Guidelines (VVSG) prior to any state being notified of a particular modification.

Recently, ES&S submitted an ECO to Pro V&V, Inc. ("ProV&V") for their review. Below is a table displaying the ECO number, description of change, and the VSTL resolution of the ECO. Modifications that are determined to be *De Minimis* are defined by the EAC as a modification that requires no additional testing or certification because the change is minor in nature and has no impact on the systems operation.

ES&S ECO #	ECO Description of Change	VSTL Resolution
1043	<b>16GB INNO PCB (EV1.0)</b> <u>Summary:</u> ECO 1043 adds an INNO Upgrade to ExpressVote HW 1.0 units from an 8GB INNO to a 16GB INNO.  Pro V&V reviewed ECO 1043 and determined the modification will not adversely affect any system functions. No additional testing required.	<b>De Minimis 10/30/19</b>

ES&S respectfully requests shortly after receiving this letter, the Utah Lieutenant Governor provide written approval of ECO 1043 presented in this correspondence.

If you require additional information, please do not hesitate to contact me at 402-938-1305 or via email at [susan.parmer@essvote.com](mailto:susan.parmer@essvote.com).

Sincerely,

A handwritten signature in blue ink that reads 'Susan L. Parmer'.

Susan Parmer  
State Certification Manager - West

Attachments

cc: Steve Pearson, Sr. Vice President, Certification, Election Systems & Software, LLC.