



May 29, 2020

VIA EMAIL TO 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) 1068

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 Secretary of State. 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
1068	<p><i>Supplemental database option for additional system security and performance</i></p> <p><u>Summary:</u> ECO 1068 Provides an additional internal Postgres system logging message to enhance the security and performance of the database. This additional logging would be included within the internal Postgres logging for analytical, internal traceability and allows for further indexing for added performance.</p> <p>Pro V&V reviewed ECO 1068 and determined the update did not adversely impact any system operations. No additional testing required.</p>	<p>De Minimis 5/20/2020</p>

ES&S respectfully requests shortly after receiving this letter, the Utah Secretary of State provide written approval of ECO 1068 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.parmar@essvote.com.

Sincerely,

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

Susan Parmar
State Certification Manager - West
Election Systems & Software, LLC

Attachments

cc: Steve Pearson, Sr. Vice President, Certification