



January 7, 2009

Mr. Brian Hancock
U.S. Election Assistance Commission
Voting System Testing and Certification Program
1225 New York Avenue, NW, Suite 110
Washington, DC 20005

Sent via E-mail

Mr. Hancock,

The purpose of this letter is to document the audit of the Technical Data Package (TDP) in accordance with your 20 November 2008 letter providing instruction on the reuse of testing for the Premier certification effort. iBeta has completed the instructed audit of the Technical Data Package (TDP) submitted to and reviewed by SysTest. This letter also provides the iBeta recommendation to the EAC regarding the reuse of the TDP review conducted by SysTest.

Documentation of the Audit of the TDP

To conduct the audit, iBeta utilized our internal Quality Management System (QMS) PCA Document Review Procedure Version 2.0 and selected a sampling of the full Premier Assure™ 1.2 TDP. The documents selected for the sampling (as listed in Attachment 1) provided review and audit of each product as well as coverage of each section in the VSS Volume 2 TDP requirements.

A review sheet was created from the iBeta controlled template for each section and controlled within SharePoint within the Premier Project. Document reviewers, all with previous experience conducting PCA Document Reviews on other certification efforts, were assigned. The reviews were conducted in accordance with the instructions within the procedure and template. Upon completion of the review, each review was then peer reviewed. The status of the review as well as the peer was tracked in the Status Report - PCA Document Review spreadsheet and is provided as Attachment 2 to this letter.

No discrepancies were written as a result of the review and audit.

Recommendation regarding the need to conduct a full review of the TDP

The iBeta recommendation based on the audit and review as documented herein is that the results of the SysTest PCA Document Review are adequate for reuse in the Premier Assure 1.2 certification test effort and there is not a need to conduct a full review of the TDP. Based on the 20 November 2008 letter, iBeta will proceed with the certification test effort once the EAC makes a determination on the reuse of the TDP review conducted by SysTest.

Sincerely,

A handwritten signature in blue ink that reads "Gail Audette". The signature is written in a cursive style and is positioned above the printed name and title.

Gail Audette
iBeta Quality Manager

Attachment: Completion Matrix

cc: Tab Iredale, Premier Election Solutions
Kathy Rogers, Premier Election Solutions

PREMIER PCA DOCUMENT REVIEW TDP SAMPLING

v.3 - 01/06/2009 – 87 Documents

ExpressPoll CardWriter (13):

FEC 2002 ExpressPoll CardWriter 1.1.6 Technical Data Package System Operations Procedures v1.1
ExpressPoll User's Guide for Versions 2.0 and 2.1 v2.0
ExpressPoll 2000 EZRoster User's Guide v3.0
ExpressPoll 4000 EZRoster User's Guide v3.0
Express Poll Administrator's Guide v1.2.0
Express Poll Versions 2.0 and Higher Express Poll User's Guide v2.0
Express Poll Versions 1.2 through 2.1 Emulator and Resource Guide v2.0
FEC 2002 ExpressPoll CardWriter 1.1.6 Technical Data Package Appendix F: Installation Procedures v1.0
ExpressPoll 2000 EZRoster System Administrator's Guide v4.0
ExpressPoll 4000 EZRoster System Administrator's Guide v4.0
Help Desk BridgeTrak Quick Reference

Assure 1.2 Core Documents (10):

ASSURE 1.2 Technical Data Package Appendix Q: System Acquisition v1.6
PREMIER Election Supplies Catalog 08
Premier Election Solutions ASSURE™ 1.2 Matrix v 3.0
ASSURE 1.2 TDP Appendix B: Software Configuration Management v7.1
ASSURE 1.2 TDP Appendix D: Software Quality Assurance Methodology v 3.1
Course List v2.2
Quality Assurance Methodology v3.1
Supplier Certification Program v1.0
ASSURE 1.2 Matrix Rev 3.0
ASSURE 1.2 TDP Appendix A, B, D, H, K, J, and P Rev 1.5

AccuVote-OS CC (7):

Help Desk BridgeTrak Quick Reference
AccuVote-OS Central Count 2.0.13 User's Guide v3.0
AccuVote-OS Hardware Guide v14.0
FEC 2002 AccuVote-OS Technical Data Package System Maintenance Procedures v2.1
AccuVote-OS Hardware Guide v14.0
FEC 2002 AccuVote-OS Technical Data Package Appendix A: Hardware Specifications v2.1
FEC 2002 AccuVote-OS Technical Data Package System Hardware Specifications v2.1

BallotStation (3):

Ballot Station Smart Card Format 1.0 v2.1
FEC 2002 BallotStation 4.7.3 Software Design and Specification Rev 2.0 with Appendices A, B, C, D, E, F, J
FEC 2002 BallotStation 4.7.3 Appendix A: Software Specifications Rev 2.0

BallotStation/AccuVote-TSX with AVPM TDP Rev 6.0 (10):

FEC 2002 AccuVote-TSX with AVPM System Security Specification Rev 3.2
Premier's Client Security Policy Rev 3.0
FEC 2002 AccuVote-TSX with AVPM Technical Data Package System Hardware Specification v5.0
FEC 2002 AccuVote-TSX with AVPM Technical Data Package Appendix B: Hardware Specifications v4.1
FEC 2002 AccuVote-TSX with AVPM Technical Data Package Appendix J: System and Data Integrity v4.0
FEC 2002 AccuVote-TSX with AVPM Technical Data Package Appendix E: VIBS Keypad Specification v1.3
FEC 2002 AccuVote-TSX with AVPM Technical Data Package Appendix F: Materials Specifications v2.2
00-105514-000B_A03D12E.pdf (Assembly instructions)
AccuVote-TSX Hardware Guide v14.0
AccuVote-TSX Pollworker's Guide v10.0

AccuVote-OSX (14):

FEC 2002 AccuVote-OSX Technical Data Package System Hardware Specification v3.0
AccuVote-OSX Hardware Guide v3.0
FEC 2002 AccuVote-OSX Technical Data Package System Maintenance Procedures v3.0
AccuVote-OSX TDP Appendix B: Hardware Specifications v2.1
FEC 2002 AccuVote-OSX TDP System Operations Procedures v3.0
FEC 2002 AccuVote-OSX Technical Data Package Appendix E: Materials Specifications v1.1
AccuVote-OSX TDP Appendix H: Bill of Materials
AccuVote-OSX TDP Appendix F: Assembly Procedures
FEC 2002 AccuVote-OSX 1.2.1 Technical Data Package Personnel Deployment and Training Requirements v1.1
FEC 2002 AccuVote-OSX Technical Data Package Personnel Deployment and Training Requirements v1.1
AccuVote-OSX 1.2.1 TDP Appendix J: Test Plans (TP_AVOSX_Version 9, TP_AVOSX_1-2-0-11)
FEC 2002 AccuVote-OSX Technical Data Package Quality Assurance Program v3.0
AccuVote-OSX Technical Data Package Appendix I: System and Data Integrity v1.2
AccuVote-OSX TDP Appendix L: Test Plans (TP_AVOSX_Version 6, TP_AVOSX_1-2-0-1)

AccuVote-OS PC (8):

FEC 2002 AccuVote-OS Precinct Count 1.96.11 Technical Data Package System Overview v1.0
FEC 2002 AccuVote-OS Precinct Count 1.96.11 Technical Data Package Appendix A: Software Specifications v1.0
FEC 2002 AccuVote-OS Precinct Count 1.96.11 Technical Data Package Appendix B: Program Structure and Flow v1.0
FEC 2002 AccuVote-OS Precinct Count 1.96.11 Technical Data Package Appendix C: Data Organization and Flow v1.0
FEC 2002 AccuVote-OS Precinct Count 1.96.11 Technical Data Package Appendix G: System and Data Integrity v1.0
FEC 2002 AccuVote-OS Precinct Count 1.96.11 Technical Data Package Appendix H: Performance Metrics v1.0
GEMS AccuVote-OS Precinct Count Protocol 1.0 v1.1

Attachment 1: Document Review TDP Sampling List

AccuVote-OS Precinct Count Election Data Format 1.0 v1.1

AutoMARK AIMS 1.3 P (3):

AutoMARK Information Management System CONFIGURATION
MANAGEMENT PLAN v4.0
ATS Software and Hardware Release Process v4.0

Voter Card Encoder (2):

FEC 2002 Voter Card Encoder 1.3.3 Technical Data Package Personnel
Deployment and Training Requirements v1.1

VCPprogrammer (1):

FEC 2002 VCPprogrammer 4.7.2 Software Design and Specification Rev 1.0 with Appendices A,
B, C, D, F, and G

GEMS (8):

FEC 2002 GEMS 1.21.1 Technical Data Package System Functionality Description v1.0
GEMS 1.21.1 Reference Guide v3.0
GEMS 1-21 Regression Test Plan_Version 7
GEMS 1-21-0-15 (GEMS 1.21 REGRESSION TEST)
GEMS 1.21.1 Test Specifications v1.0
FEC 2002 GEMS 1.21.1 Technical Data Package Quality Assurance Program v1.0
GEMS 1.20.2 Election Administrator's Guide v3.0
Ballot Specifications Guide v7.0

Key Card Tool (4):

FEC 2002 Key Card Tool 4.7.2 Technical Data Package System Test and Verification Specification
v1.0
Test Plan Template v3.0
Key Card Tool Test Specifications v1.0
Key Card Tool 4.7.1 User's Guide v1.0

Premiere Central Scan (4):

FEC 2002 PCS 2.2.1 Technical Data Package System Maintenance Procedures v1.0
Premier Central Scan 2.2.1 User's Guide 1.0
GEMS 1.20.2 Election Administrator's Guide v3.0
DRS PhotoScribe PS900 iM2/PS960 Hardware Guide v6.0

Attachment 2: Status Report - PCA Document Review - Assure 1.2

PCA Document Review Sampling - Assure 1.2 to the 2002 VSS												
TDP:	Delivery & Check In	2.2 Overview	2.3 FuncSpec	2.4 HW Spec	2.5 SW Spec	2.6 Sec Spec	2.7 Test Spec	2.8 Ops Man	2.9 Maint Man	2.10 Training	2.11 Config Mgt	2.12 QA
Assigned to:	Cvetezar / Eaton	Cvetezar / Mathis	Cvetezar / Mathis	Cvetezar / Mathis	Audette	Audette	Cvetezar / Mathis	Cvetezar / Mathis	Cvetezar / Mathis	Cvetezar / Mathis	Cvetezar / Mathis	Cvetezar / Mathis
GEMS 1.21	Complete		Complete				Complete					Complete
BallotStation 4.7.3	Complete				Complete							
AccuVote-OS Precinct Count 1.96.11	Complete	Complete										
AccuVote-OS Central Count 2.0.13	Complete							Complete	Complete			
AccuVote-OSX 1.2.1	Complete			Complete						Complete		Complete
Accuvote-TS R6	Complete				Complete							
AccuVote-TSX with AVPM	Complete			Complete		Complete						
AutoMARK VAT	Complete										Complete	
VCProgrammer 4.7.2	Complete				Complete							
Key Card Tool 4.7.2	Complete						Complete					
PCS 2.2.1	Complete								Complete			
ExpressPoll CardWriter 1.16	Complete							Complete				
Voting Card Encoder (VCE) 1.3.3	Complete									Complete		
Assure Security Manager (Assure 1.2)	Complete		Complete									
Peer Reviewer		Cvetezar	Audette	Cvetezar	Cvetezar	Cvetezar	Audette	Cvetezar/Audette	Cvetezar/Audette	Audette	Audette	Audette

Attachment 2: Status Report - PCA Document Review - Assure 1.2

Definitions	Review	Peer Review
Not assigned or started	(blank)	(blank)
To Be Assigned*	TBA or name	
Assigned & in progress	name	# In Progress
Review complete	Complete	<i>Complete</i>
Peer Reviewer #1		C.Cvetezar
Peer Reviewer #2		G.Audette

* As the review is a subset of the entire EDP, the TBA definition was added to indicate the subset that is to be reviewed.