

Number	TGDC Resolution	Subcommittee	Disposition VVSG 2005	Disposition VVSG 2007	NIST Lead/Status	Priority issues
01-06	Create a tracking matrix of resolutions passed by the TGDC correlated with specific work products of NIST	Structural Resolution (All)	Initial High Level Matrix completed in January 2006 and presented at 3/05 TGDC Meeting. See: http://vote.nist.gov/Priority-Strategy%20TGDC%20Resolutions2.doc	Matrix to be completed and maintained with updated status on web site. TGDC to receive report before plenary.	Eustis-Ongoing	Complete VVSG 2007 due to EAC in July 2007
01-04	Create 3 three working sub committees: Security & Transparency; Human Factors & Privacy; Core Requirements and Testing	Structural Resolution (All)	Subcommittees met via telcon and reviewed NIST preliminary documents and VVSG drafts. See: http://vote.nist.gov/subcomm_xscripts2004.htm	Subcommittees meet bi-weekly. Calendar available for updates at: http://vote.nist.gov/TGDC/telecons.html	Eustis/ Laskowski/ Hastings/ Goldfine-Ongoing	Action Items and priorities are noted in telcon meeting minutes. See: http://vote.nist.gov/TGDC/telecons.html
02-04	Chair surveys TGDC and appoints Subcommittee Chairs	Structural Resolution (All)	Subcommittee chairs appointed. All TGDC members assigned to desired subcommittees. See: http://vote.nist.gov/subcomm_work.htm	No change in procedure for VVSG 2007	Bement/Semerjian/Jeffrey	Three open seats on TGDC. Two represent Access Board and One-ANSI. NIST/EAC awaiting formal letters of resignation. Financial vetting process required for replacements
03-04	Resolutions adopted by TGDC shall be referred to NIST for technical assistance and editing. TGDC will conduct final review.	Structural Resolution (All)	NIST referred draft VVSG requirements for final review to TGDC at 4/05 plenary session. See: http://www.vote.nist.gov/VVSG1/VersionOne.htm	Process of TGDC review continues for VVSG 2007. All draft documents are available for review on TGDC web page: http://vote.nist.gov/TGDC/vvsg07.html	Bement/Semerjian/Jeffrey	
04-04	Adopted resolutions and explanatory materials comprise first set of recommendations	Structural Resolution (All)	First set of recommendations submitted to EAC on 5/9/05. See: http://vote.nist.gov/TGDC/meemo.pdf	No change in procedure for VVSG 2007	Bement/Semerjian/Jeffrey	Initial Document Strategy for HAVA Priorities at: http://vote.nist.gov/TGDC/Priority-Strategy%20TGDC%20Resolutions.doc
05-04	Recommend to EAC that certified software be sent to NSRL	Structural Resolution (All)	Software has been submitted to NSRL and is publicly posted at: http://www.nsr1.nist.gov/vote.html	NSRL remains open to vendor software submissions and will work with EAC to issue NSRL usage explanation to election officials	Guttman	ITAA members willing to work with NIST/EAC on explanatory language
01-05	Work product Instructions to NIST staff re: development of initial VVSG requirements	Structural Resolution (All)	All work product to be considered by TGDC delivered to members NLT 5 working days before plenary meetings. See: http://vote.nist.gov/MeetingMaterials-032906.html	No change in procedure for VVSG 2007	Eustis	All work product posted as updated to: http://vote.nist.gov/TGDC/vvsg07.html
02-05	Accessible Voting Systems	Human Factors	Covered partially in VVSG2005:Section 3, pp 45-64	All relevant existing accessibility requirements to be incorporated. See: http://vote.nist.gov/20050929prelimHF.doc	Laskowski	
03-05	Human Factors and Privacy of Voting Systems at the Polling Place	Human Factors (Lead) & Security	Covered partially in VVSG2005:Section 3, pp 45-64	Working with Security Subcommittee on overlap in "privacy" issues. See: http://vote.nist.gov/032906User-BasedConfTesting3-10-06.doc	Laskowski	
04-05	Human Factors and Privacy Requirements for Capturing Indication of a Voter's Choice	Human Factors	Covered partially in VVSG2005:Section 3, pp 45-64	Working with Security Subcommittee on overlap in "privacy" issues. See: http://vote.nist.gov/032906User-BasedConfTesting3-10-06.doc	Laskowski	See working white paper at: http://vote.nist.gov/TGDC/hfp/choice-n-warning.htm
05-05	Human Performance-Based Standards and Usability Testing	Human Factors	Covered partially in VVSG2005:Section 3, pp 45-64	Overview of proposed metrics completed. See: http://vote.nist.gov/032906performance-metrics3-10-06.doc	Laskowski	See working white paper at: http://vote.nist.gov/TGDC/hfp/timing.htm

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06-05	Accommodating a Wide Range of Human Abilities	Human Factors	Covered partially in VVSG2005:Section 3, pp 45-64	Usability policy issues to be referred to EAC. See http://vote.nist.gov/TGDC/hfp/alt-lang.htm , http://vote.nist.gov/TGDC/hfp/choice-n-warning.htm , & http://vote.nist.gov/TGDC/hfp/timing.htm	Laskowski	See working white paper at: http://vote.nist.gov/TGDC/hfp/alt-lang.htm
07-05	<i>Withdrawn</i>					
08-05	Guidance for Instructions, Ballot Design, and Error Messages	Human Factors	Issues initially addressed in HFP Report to Congress Section 6.6. See: http://www.vote.nist.gov/Final%20Human%20Factors%20Report%20%2005-04.pdf	To be addressed in VVSG2007 HFP section. Initial guidelines under review at: http://www.vote.nist.gov/TGDC/hfp/Plain%20Language%20Report.pdf	Laskowski	See working white paper at: http://vote.nist.gov/TGDC/hfp/timing.htm
09-05	General Voting System Human Factors and Privacy Considerations	Human Factors	Covered partially in VVSG2005:Section 3, pp 45-64	Working with Security Subcommittee on overlap in "privacy" issues. See: http://vote.nist.gov/032906User-BasedConfTesting3-10-06.doc	Laskowski	
10-05	Usability of Standard	All	Similar structure to 2002 VSS with additions of conformance clause, usability and additional security requirements. See VVSG 2005 Section 1.6.3 page 13	Addressed in VVSG2007 structure, layout, language. See: http://vote.nist.gov/TGDC/format_rules.html and http://vote.nist.gov/TGDC/VVSG2-20060605-dwf.pdf	Wack	
11-05	Availability of Voting Machines for Validating Benchmarks and Conformance Test Protocols	Human Factors	NIST now has voting system lab; vendors replying to Federal Register notice. See: http://vote.nist.gov/AccredLABnotice.pdf	NVLAP has begun pre assessment visits to testing labs. NVLAP Handbook: http://ts.nist.gov/ts/htdocs/210/214/docs/NIST-HB-150-22-2005.pdf	Laskowski, Eustis	
12-05	Voter Verifiability I	Security	Addressed with VVPAT in VVSG2005. See Sections 7.8 and 7.9 pages 134, 137.	Addressed more fully in VVSG2007 with IDV requirements. See: http://vote.nist.gov/20050929wack	Wack, Peralta	
13-05	<i>Not Adopted</i>					
14-05	Commercial Off-The-Shelf Software ("COTS Software")	Security (lead) & Core Requirements	COTs software exclusion in VVSG 2005 I Section 5.2.3, p 94 Also I.5.1.1, I.7.1, II.4.2.1, II.4.6.1, and II.5.2	Addressed in VVSG2007 with voting system architectural & testing requirements. See: http://vote.nist.gov/TGDC/crt/DWF-WorkingDraft-20060425/DWF-WorkingDraft-20060425.html	Flater, Hastings (Ongoing)	Still revising the draft text for COTS exclusions in DWF WorkingDraft. Need to add introduction and simplify the language. Recent activity in STS on COTS and protection profiles.
15-05	Software Distribution	Security	Covered partially in VVSG2005. See Section 7.4.4 p 119. Also see http://vote.nist.gov/TGDC/Software%20Distribution-02252005.doc	Addressed more fully in VVSG2007. See: http://vote.nist.gov/20050929hastings.pdf	Hastings	
16-05	Setup Validation	Security	Covered partially in VVSG2005. See Section 7.4.3 p 119 and Section 7.4.6 p 123	Addressed more fully in VVSG2007. See: http://vote.nist.gov/20050929hastings.pdf	Hastings	
17-05	Testing (for security)	Security	See VVSG 2005 (Volume 2) , Sections 4 and 5	Test cases and requirements for open-ended testing to be addressed in VVSG2007. See: http://vote.nist.gov/TGDC/sts/OEVT%20workingdraft%20v3.doc	Hastings	
18-05	Documentation (for security)	Security	See VVSG 2005, Sections 4.1.7, 4.1.8 and 5.4.	To be addressed in requirements for technical data package and voting equipment user documentation. See: http://vote.nist.gov/TGDC/crt/DWF-WorkingDraft-20060425/VolumeI-20060425.pdf	Hastings	

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19-05	<i>Withdrawn</i>					
20-05	<i>Withdrawn</i>					
21-05	Multiple Representations of Ballots	Security	Covered partially in VVSG2005 in VVPAT and IDV. See: Sections 7.8 and 7.9 pages 134, 137.	Addressed more fully in VVSG2007 in IDV requirements. See: http://vote.nist.gov/TGDC/sts/VVPAT_Expansion-20060208-jpw.pdf	Hastings, Wack, Peralta	
22-05	Federal Standards	Security	Covered partially in VVSG2005 in use of USG crypto programs and existing industry standards. See VVSG 2005 Appendix B	Addressed more fully in VVSG2007 with inclusion of relevant material or citations to USG and other standards, e.g., FIPS 140, ANSI/RBAC, NIST E-authentication. See: http://vote.nist.gov/TGDC/sts/OEVT%20workingdraft%20v3.doc	Hastings	
23-05	Common Ballot Format Specifications	Security	Addressed initially in VVSG2005 in VVPAT. See: Section 7.9 page 137 -141	Addressed more fully in VVSG2007 with interoperability requirements for election data. See: http://vote.nist.gov/TGDC/crt/DWF-WorkingDraft-20060425/DWF-WorkingDraft-20060425.html#ProductStandard	Hastings, Flater	The interoperability section is not as strict as the resolution calls for, since it allows the use of a documented database schema in lieu of a standard export format.
24-05	Conformance Clause	Core Requirements	Present in VVSG2005, See Section 1.6	Re-written for VVSG2007. See http://vote.nist.gov/TGDC/crt/DWF-WorkingDraft-20060425/DWF-WorkingDraft-20060425.html#ConformanceClause	Flater (on going)	
25-05	Precise and Testable Requirements	Structural Resolution (All)	Initially covered in VVSG 2005, Section 1.6.3. Also analysis of VSS 2202 at http://vote.nist.gov/TGDC/Disposition%20of%20Requirements%20from%202002%20VSS%20Vol%20I.doc & http://vote.nist.gov/TGDC/Table%20of%20Disposition%20of%20Requirements%20from%20the%202002%20VSS%20Vol%20II.doc	To be addressed in VVSG2007 through reorganization of standard, rewrite of requirements and revision of test methods.	Goldfine	
26-05	Uniform Testing Methods and Procedures	Core Requirements	VVSG 2005 Test Methods in Volume II Sections 3-7	Revised test methods in VVSG2007, with bulk of test protocol development deferred to the subsequent version.	Flater, Rosenthal	
27-05	Non-Conformant Voting Systems	Core Requirements	Analysis of VSS 2002 done. See: http://vote.nist.gov/TGDC/Analysis%20of%20the%202002%20VSS%20Final%20Draft.doc	Moot; text in question deleted and sections rewritten in VVSG2007	Goldfine, Flater	
28-05	Publicly Available Qualification Data	Core Requirements	No publicly available data package defined in VVSG 2005	To be addressed in VVSG2007 and in NVLAP work in setting up VSTLs. See: http://vote.nist.gov/TGDC/crt/DWF-WorkingDraft-20060425/VolumeIV-20060425.pdf	Flater	
29-05	Ensuring Correctness of Software Code	Core Requirements	Initially in VVSG 2005 Vol 1- Software Integrity Section 5.2.2 and Vol2 Secion 5Software testing	Addressed in VVSG2007 by revised coding standards, TDP requirements and logic verification test method. See: http://vote.nist.gov/TGDC/crt/DWF-WorkingDraft-20060425/DWF-WorkingDraft-20060425.html	Flater (On Going)	

30-05	Quality Management Standards	Core Requirements	Initially in VVSG 2005 Vol 1 Section 8 & Volume 2 Section 7	To be addressed in VVSG2007. See: http://vote.nist.gov/TGDC/crt/AG-WorkingDraft-20060317/AG-WorkingDraft-20060317.pdf	Goldfine	
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31-05	Maintenance of the VSS	Core Requirements	Issues paper has been produced and circulated to TGDC. See: http://vote.nist.gov/TGDC/Maintenance%20of%20the%20VVSG%20Draft%203.doc	Issues Paper applies. Relevant HAVA policy issues to be referred to EAC	Goldfine	
32-05	Sharing Information and De-qualification of Voting Systems	Core Requirements	Complete; issues paper has been produced; See: http://vote.nist.gov/TGDC/sharing_cert_info20050606.doc	Issues Paper applies. Relevant HAVA policy issues to be referred to EAC	Goldfine	
33-05	Glossary and Voting Model	Core Requirements	Addressed in VVSG2005 Appendix A	To be updated in VVSG 2007 as needed	Flater, Rosenthal	
34-05	Assessment Papers on Recommendations for Future work	Core Requirements	Addressed in initial issues papers See: http://vote.nist.gov/TGDC/assess-gap.doc	Contracts to explore future issues under process at NIST	Guttman, Laskowski, Goldfine	
35-05	Wireless	Security	Covered initially in VVSG2005. See Volume 1 Section 6	Wireless and communications security concerns to be absorbed into more general security requirements. Draft EMC requirements at: http://vote.nist.gov/TGDC/crt/environmental-electrical-rf.doc . Open for further refinement	Hastings, Goldfine (On going)	
36-05	Consensus Standards	Structural Resolution (All)	Consensus Standards referenced in VVSG 2005. See Volume 1 Appendix B	Consensus Standards in VVSG 2007. See: http://vote.nist.gov/TGDC/crt/AG-WorkingDraft-20060317/AG-WorkingDraft-20060317.html	Goldfine, Flater	
37-05	Work Product Instructions to Chair and Staff of (NIST)	Structural Resolution (All)	Instructions followed in completion of initial recommendations. See: http://vote.nist.gov/TGDC/memo.pdf	Process will continue for VVSG 2007	Eustis	
38-05	Procedural Resolution Regarding "Grandfathering"	Structural Resolution (All)	Policy Issue for EAC	Policy issue for EAC		
39-05	Voter Verified Paper Audit Trail Assignment	Security	VVPAT requirements in 2005 VVSG Section 7.9	Proposed expansion of VVPAT requirements. See: http://vote.nist.gov/TGDC/sts/vvpat-update-20060317.pdf	Wack	
40-05	EAC Consideration of Initial Recommendations	Structural Resolution (All)	Initial TGDC Recommendations delivered May 2005. EAC hosted a public comments page	NIST reviewed and commented on public comments at request of EAC. Deferred comments to be considered for VVSG 2007. See: http://vote.nist.gov/TGDC/CommentsCarriedOver.doc	Hastings, Goldfine, Laskowski	
03/06 Plenary	Preliminary Reports: Human Factors & Privacy for next VVSG iterations	HFP		Adopted by Unanimous Consent. See: http://vote.nist.gov/032906hfp.pdf	Laskowski	Responds to TGDC Resolutions 2-05, 3-05, 4-05, 5-05, 6-05, 8-05, 9-05, 10-05, and 11-05
03/06 Plenary	Preliminary Reports: Security & Transparency for next VVSG iterations	STS		Adopted by Unanimous Consent. See: http://vote.nist.gov/032906Hastings.pdf , http://vote.nist.gov/032906oevt.pdf , http://vote.nist.gov/032906VVPAT-ipw.pdf	Hastings, Wack	Responds to TGDC Resolutions 12-05, 14-05, 15-05, 16-05, 17-05, 18-05, 21-05, 22-05, 23-05, 35-05, and 39-05
03/06 Plenary	Preliminary Reports: Core Requirements & Testing for next VVSG iterations	CRT		Adopted by Unanimous Consent. See: http://vote.nist.gov/032906CRT-DWF.pdf , and http://vote.nist.gov/032906CRT-AHG.pdf	Flater, Goldfine	Responds to TGDC Resolutions 24-05, 25-05, 27-05, 29-05, 31-05, and 32-05