



NIST/ITL Procedures for the Development of American National Standards (ANS) Using the Canvass Method

ANSI/NIST-ITL Standard Workshop

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Michael D. Hogan
Standards Liaison, NIST/ITL
+1 301 975 2926
m.hogan@nist.gov

ANSI

<http://ansi.org/>

- Accredits ~ 200 standards developers.
- Approves procedures of standards developers.
- Audits standards developers every five years.
- Approves American National Standards (ANS).
- ~10,000 ANSs

Highlights of the ANS Process

- ***consensus*** on a proposed standard by a group or "consensus body" that includes representatives from materially affected and interested parties;
- broad-based ***public review*** and comment on draft standards;
- ***consideration of and response to comments*** submitted by voting members of the relevant consensus body and by public review commenters;

Highlights of the ANS Process

- *incorporation of approved changes* into a draft standard; and
- *right to appeal* by any participant that believes that due process principles were not sufficiently respected during the standards development in accordance with the ANSI-accredited procedures of the standards developer.

NIST ITL

<http://www.nist.gov/itl/ansi/index.cfm>

- NIST/ITL (and its predecessor organizations) has been accredited by ANSI as a standards developer since October 5, 1984.
- Scope: "Standards and guidelines for information exchange relating to automatic data processing and related systems."
- The next ANSI audit of NIST/ITL is scheduled for August 2011.

NIST ITL

American National Standards

- Data Format for the Interchange of Fingerprint, Facial, & Other Biometric Information - Part 1 (ANSI/NIST-ITL 1-2007)
- Data Format for the Interchange of Fingerprint, Facial, & Other Biometric Information - Part 2: XML Version (ANSI/NIST-ITL 1-2008)
- ANSI/NIST-ITL 1a-2009



NIST ITL Procedures

<http://www.nist.gov/itl/ansi/index.cfm>

- ANSI Essential Requirements - January 2010
- NIST ITL ANS Procedures - Approved March 2008
- Canvas Method
- NIST ITL ANS Process Flow Chart - October 2007

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Procedural Highlights

- NIST/ITL uses the canvass method to establish consensus (i.e., the consensus body is the list of canvass members).
- NIST/ITL issues a call for members to start development of the canvass list.
- Additional canvassees may be added by NIST/ITL before the close of the canvass ballot period.

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Procedural Highlights

- Canvass members have an obligation to vote:
 - Affirmative;
 - Affirmative, with comment;
 - Negative, with reasons (the reasons for a negative vote shall be given and if possible should include specific wording or actions that would resolve the objection);
 - Abstain (with comment).

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Procedural Highlights

Criteria for Approval

“approval by at least a majority of the canvass list, excluding abstentions and invalid responses, and at least two-thirds of those voting, excluding abstentions and invalid responses.”

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Procedural Highlights

Invalid Responses

“Negative votes without any accompanying reason or abstentions without any accompanying comment shall be considered invalid responses and shall not be considered when determining the numerical requirements for consensus.”

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Procedural Highlights

Appeals

“Persons who have directly and materially affected interests and who have been or may be adversely affected by a procedural action or inaction of NIST/ITL shall have the right to appeal.”

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Procedural Highlights

Appeals

- Cannot appeal technical content.
- Right to appeal to NIST/ITL and then to ANSI.

NIST/ITL Revision Project

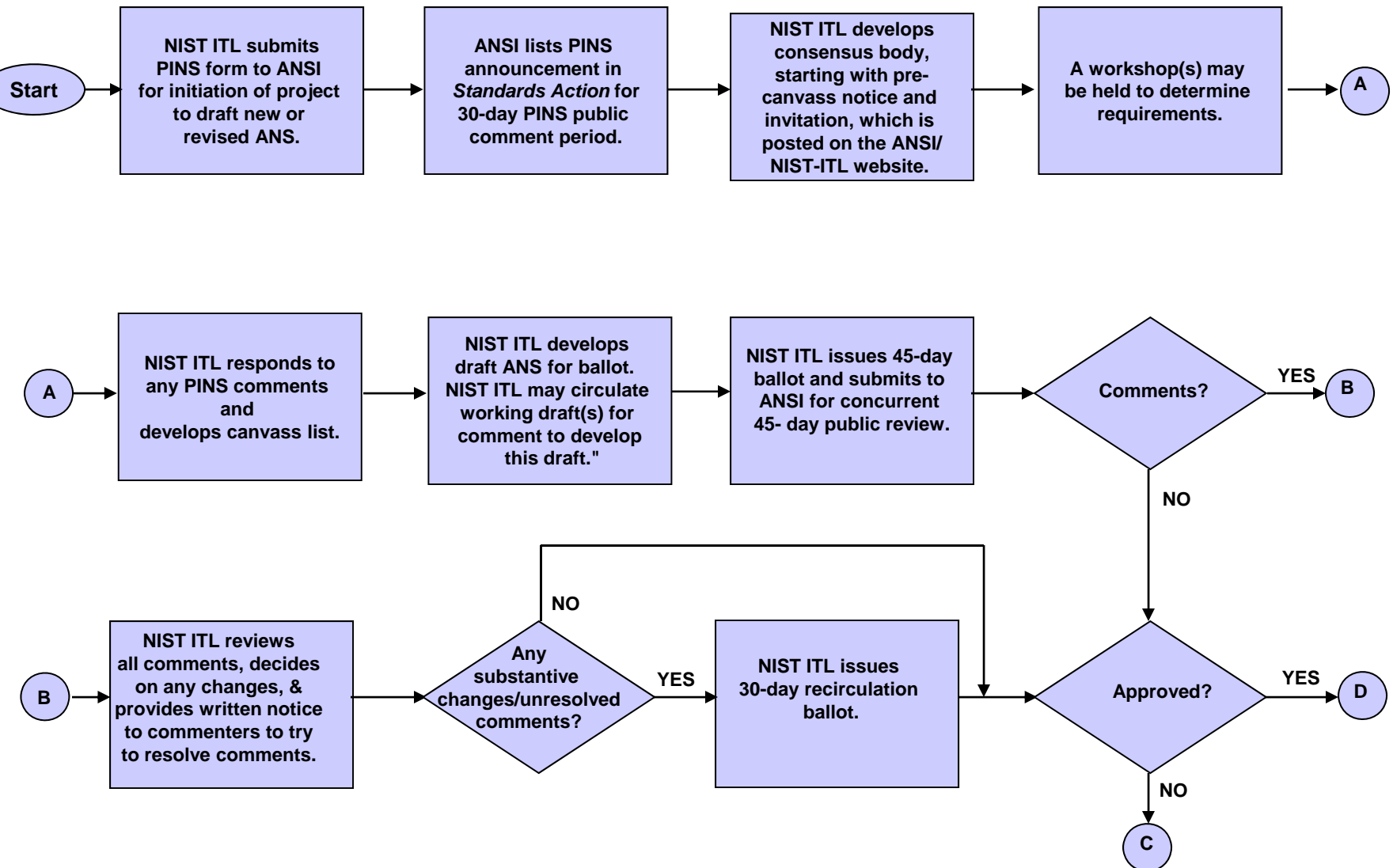
- NIST ITL submitted a Project Initiation Notification System (PINS) Form to ANSI on June 29, 2010.
- Revision and consolidation of ANSI/NIST-ITL 1-2007; ANSI/NIST-ITL 1-2008; and ANSI/NISTITL 1a-2009
- New title: Data Format for the Interchange of Biometric & Forensic Information
- Designation: ANSI/NIST-ITL 1-2011

NIST/ITL Revision Project

Scope Summary:

"The above mentioned standards will be consolidated into one version that will be 'content based' with encoding instructions external to the standard (Traditional, NIEM-conformant XML and possibly other encodings). New Record types and data fields will be added to reflect stakeholder needs. The presentation format of the standard will be substantially revised."

NIST/ITL ANS Process



NIST/ITL ANS Process

