

GUIRR Meeting: Maintaining U.S. Leadership in International Standards Bodies

Gordon Gillerman
Director
Standards Coordination Office
November 2020
www.standards.gov

Standards impact 93% of global trade *



Image by [Paul Brennan](#) from [Pixabay](#)

* From International Trade Administration report [Standards and Regulations: Measuring the Link to Goods Trade](#) by Jeff Okun-Kozlowski, June 2016.

Standardization “system” in the U.S.



- Voluntary, decentralized and market-driven
- Led by private sector
- Public-private partnership
 - *Differs from centralized standards systems in other countries*
- Reflects U.S. culture and public-private sector dynamics
- Relies on cooperation, communication and parity among diverse stakeholder

The standards world is complex.

- Standard Reference Materials
 - Standard Artifacts
 - Standard Reference Data Sets
 - Documentary standards (IEEE, ASTM, ISO, 3GPP...)
 - Terminology Standard
 - Standard Test Methods
 - Interoperability Standards
 - Product Standards
 - Building Codes
 - System Standards
- 
- Metrology

The intersection of Patents and Standards

Almost exclusively in high technology standardization

- Standards development volunteer participants offer patented technology to be incorporated into a documentary standard.
- If patented technology is incorporated into the standard and essential for conformity with the standard, then the patent may a Standards Essential Patent (SEP).
- Established standards development organizations have SEP policies generally requiring disclosure for patented technology when contributing that technology to the standards development process and RAND licensing for SEPs.

- launched on March 1, 2018
- developed by Standardization Administration of China (SAC)
- research standardization strategies to inform China's strategy
- focused on Chinese national standards for priority areas
- increase Chinese private sector standards development
- increase Chinese participation and leadership in international standards

600+

STANDARDS RELATED
INQUIRIES ANNUALLY



3000+

WTO TBT
NOTIFICATIONS DISTRIBUTED



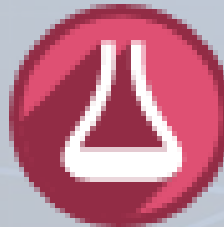
5700+

PARTICIPANTS IN
STANDARDS TRAINING EVENTS



650+

ACCREDITED
NVLAP LABS



97

CABS RECOGNIZED BY
TELECOM MRA PARTNERS



1848

NIST MEASUREMENT
CAPABILITIES UNDERPINNED
BY THE NIST QUALITY SYSTEM



440+

NIST STAFF PARTICIPATE
IN **1750+** STANDARDS ACTIVITIES



1900+

CONFORMITY
ASSESSMENT
PUBLICATIONS DOWNLOADED



33

INTERAGENCY COMMITTEE
ON STANDARDS POLICY
FEDERAL AGENCY MEMBERS

