



National Conference on Weights and Measures
"That Equity May Prevail"

New Members' Orientation



About the Conference

- NCWM is a not-for-profit corporation dedicated to developing U.S. standards for weights and measures
- First meeting in 1905 was organized by the National Bureau of Standards – eight states and the District of Columbia
- First model standards was published in 1915 – tolerances and specifications for weighing and measuring devices



About the Conference

- Evolved to an organization with more than 2000 members from the U.S. and abroad
- Depends on volunteers who serve on the various committees, subcommittees and task groups
- Membership Categories:
 - Active, Advisory and Associate



NCWM Publication 16

- Agenda items
- Changes to the agenda can and do occur
- Review items prior to Open Hearings
- Be prepared to state your point of view during Open Hearings
- Written testimony also accepted to compliment your Open Hearing comments



Committee Reference Keys

- 100 Series – Board of Directors
- 200 Series – Laws and Regulations Committee
- 300 Series – Specifications and Tolerances Committee
- 400 Series – Professional Development Committee
- 500 Series – National Type Evaluation Program Committee
- 800 Series – Nominating Committee

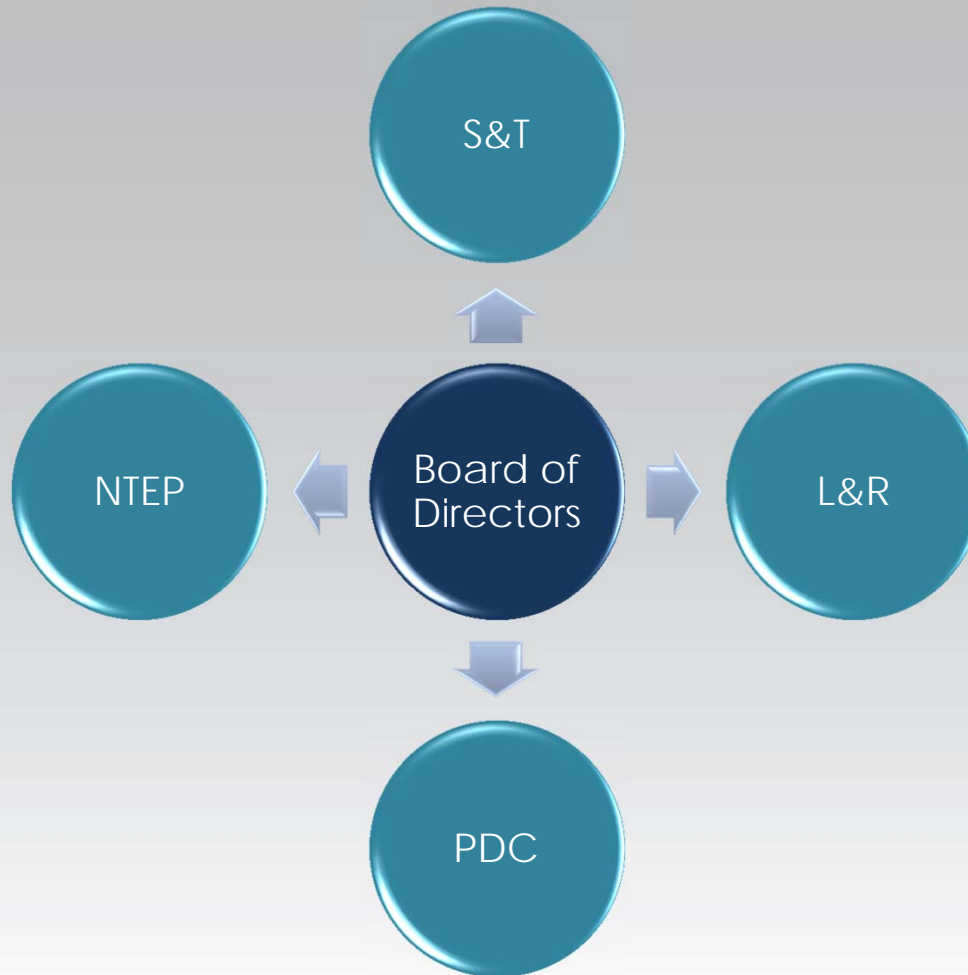


Agenda Item Designations

- **(V) VOTING**
voted on at the Annual Meeting
- **(I) INFORMATIONAL**
open for discussion, can't be voted on at the Annual Meeting
- **(D) DEVELOPMENTAL**
not ready for action by the Conference
- **(W) WITHDRAWN**
removed from the agenda



NCWM Structure





Board of Directors

- Manage administrative functions, set vision and direction for NCWM
- Oversee the activities of the standing committees
- Provide counsel on weights and measures issues as they emerge in the marketplace by drawing on the expertise of our diverse membership of public and private sector members



Specifications and Tolerances Committee

- Address specifications, tolerances and technical requirements for commercial weighing and measuring devices
- Interpret and develop standards and testing equipment for weights and measures officials, as well as recommending procedures for testing commercial equipment
- Results are published in NIST Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices



Laws and Regulations Committee

- Develop and interpret uniform laws and regulations, commodity inspection and regulation standards
- Results are published in NIST Handbook 130: Uniform Laws and Regulations for Legal Metrology and Engine Fuel Quality
- Interpret and develop standards and testing for checking the net contents of packaged goods
- Results are published in NIST Handbook 133: Procedures for Checking Net Contents of Packaged Goods



Professional Development Committee

- Address consumer affairs and safety issues
- Promote awareness of weights and measures activities among the general public
- Facilitate training and certification
 - National Certification Program.



National Type Evaluation Program

- Oversee the operation of the NTEP Program
- Develop objectives, goals, operating policies and procedures which are published in NCWM Publication 14
- Sponsor technical subcommittees in various areas to develop technical test procedures and evaluation criteria
- Serve as arbiter in disputes involving NTEP activities
- Authorize participating laboratories



New Member Role

- Review schedule, agenda and meeting locations
- Attend committee review sessions
- Visit the exhibitors
- Network with stakeholders from government, industry and other organizations
- Check registration bulletin board for announcements
- Verify contact information on Attendee List
(located at registration table)



Committee Work Sessions

- Open to all attendees
- Committee will review, discuss and revise agenda items
- Only committee members may speak
- Observe committee work sessions
 - Monday, July 12 (1:30 p.m. – 5:00 p.m.)



Open Hearings

- All attendees may speak on any issue
- All Standing Committees conduct an Open Hearing
- Stakeholder input in the standards development process is used to determine final reports
- Address the chair of the committee
 - Go to the microphone
 - Mr. Chair, members of the committee,
my name is John Doe from the State of Minnesota...
- Written comments are welcome

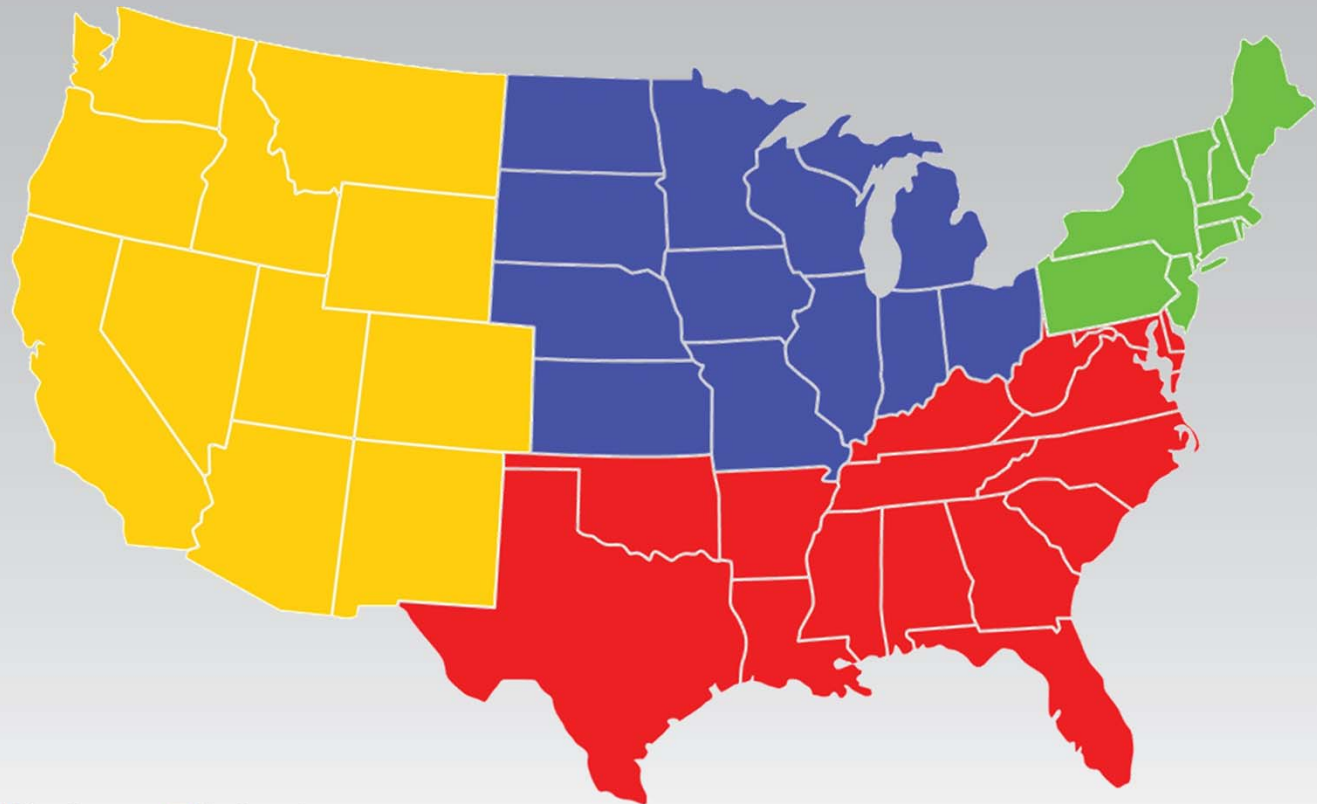


Meetings

- Open meeting policy unless posted as closed
- Associate Membership Committee
 - Monday, July 12 (5:00 p.m. – 6:30 p.m.)



Regional Associations



■ Western ■ Central ■ Southern ■ Northeastern

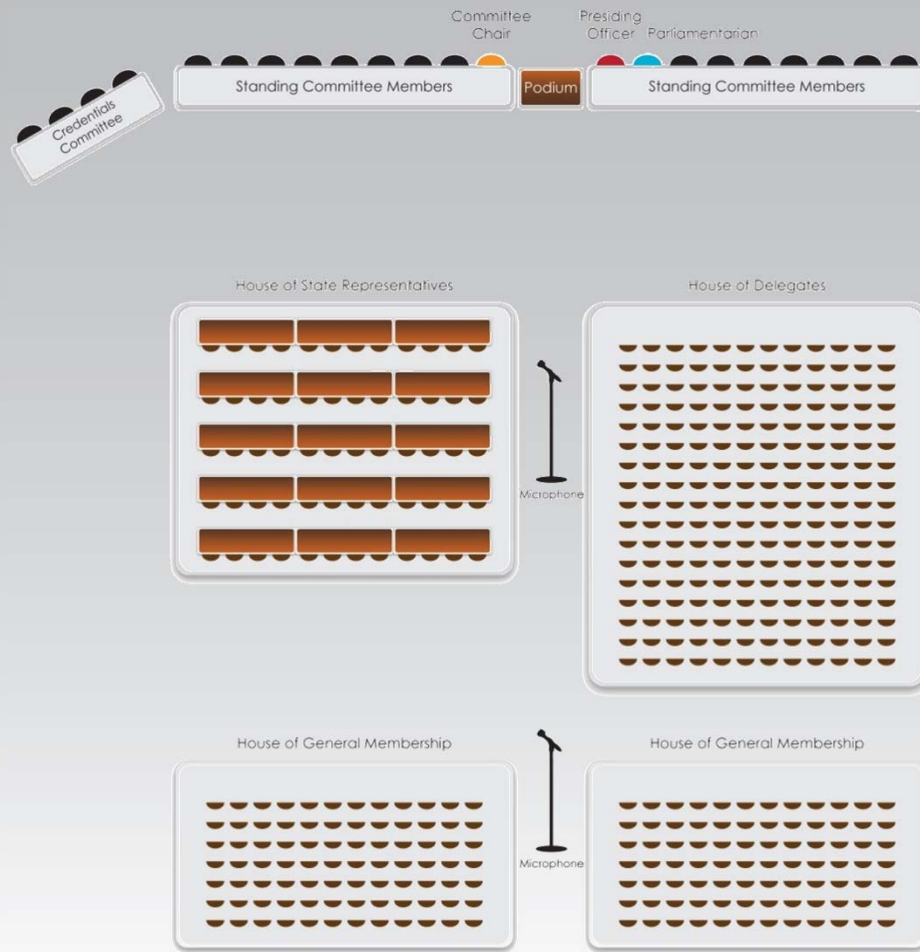


Voting Sessions

- Addendum sheets contain final agenda item changes prior to voting
- Items are presented with final opportunity for comment and discussion
- House of Representative – one person from each state/territory
- House of Delegates – regulatory officials in excess of the House of Representatives



Voting Session Arrangement





Voting Sessions Continued

- **Business Items**

All attendees may vote

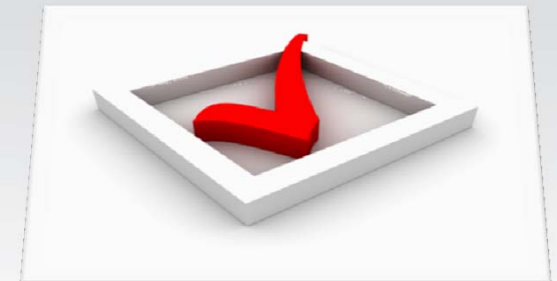
- **Technical Items**

Members from House of State Representatives and House of Delegates vote

- **(Twenty-seven) 27 Affirmative Votes**

from each House are needed for an item to pass

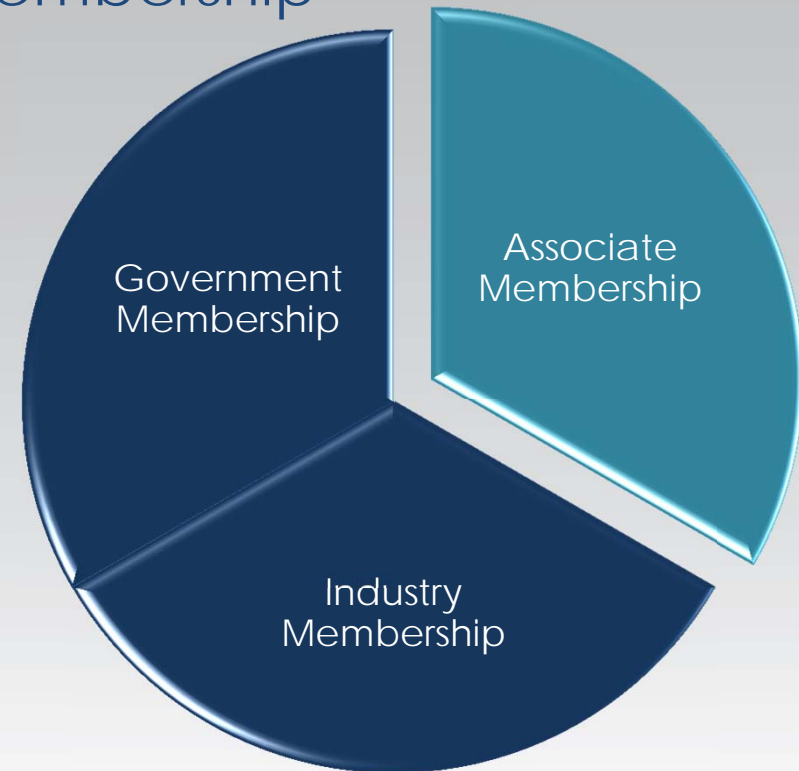
- **Proxy Votes are not allowed**





Associate Members

- Business and Industry members represent nearly 1/3 of the NCWM membership
- Facilitate the coordination and participation of the associate members in all NCWM business and social events
- Have privilege of the floor throughout meetings





Associate Members

- Vote on:
 - NCWM Business Items
 - Committee Items
 - Subgroup items
 - National Type Evaluation Technical Committee Sectors
 - Work Groups and Task Forces
- Standing Committee representation:
 - Board of Directors
 - Laws and Regulations Committee
 - Professional Development Committee



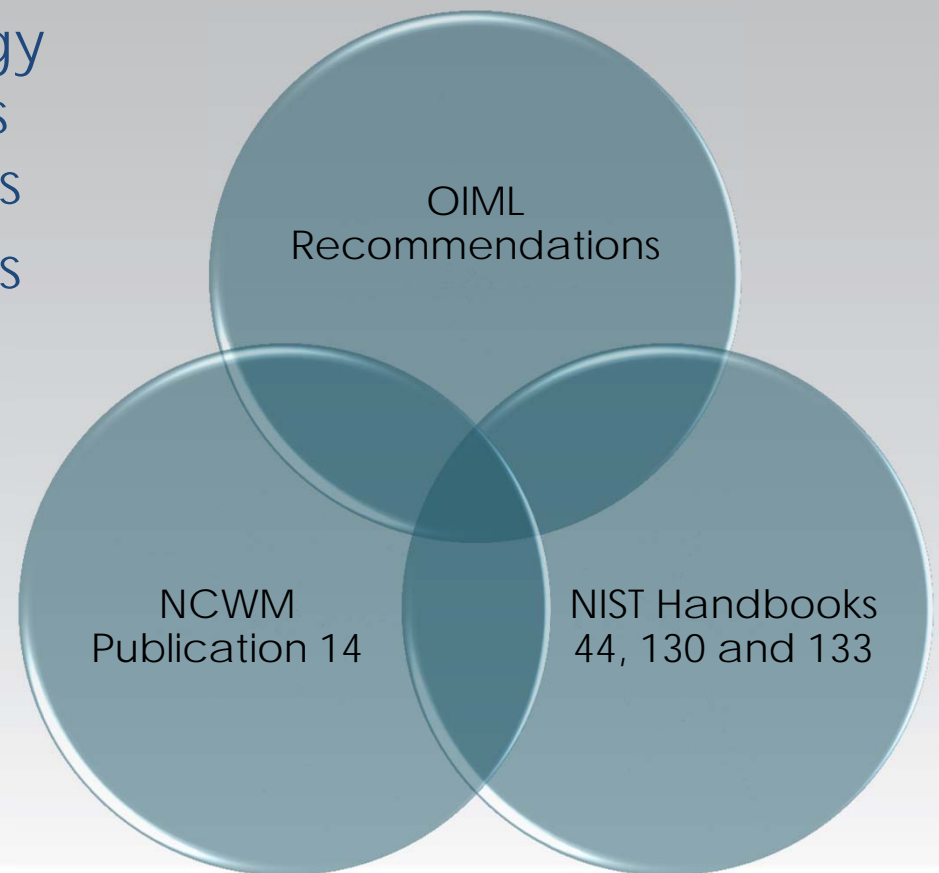
Associate Members

- Contribute to NCWM priority work throughout the year and is critical to NCWM success
- Associate Membership Meeting
 - Monday, July 12 (5:00 p.m. – 6:30 p.m.)



International Considerations

- International Organization of Legal Metrology (OIML):
 - Develops legal metrology standards; referred to as OIML Recommendations
 - OIML Recommendations is voluntary
 - Overlap of topics





International Considerations

- Why (International) Harmonization?
 - Reduces the need for manufacturers to undergo costly, duplicative testing
 - Manufacturers don't need to make different instruments for different States or countries
 - Provides smoother international trade and commerce and an efficiency to the marketplace



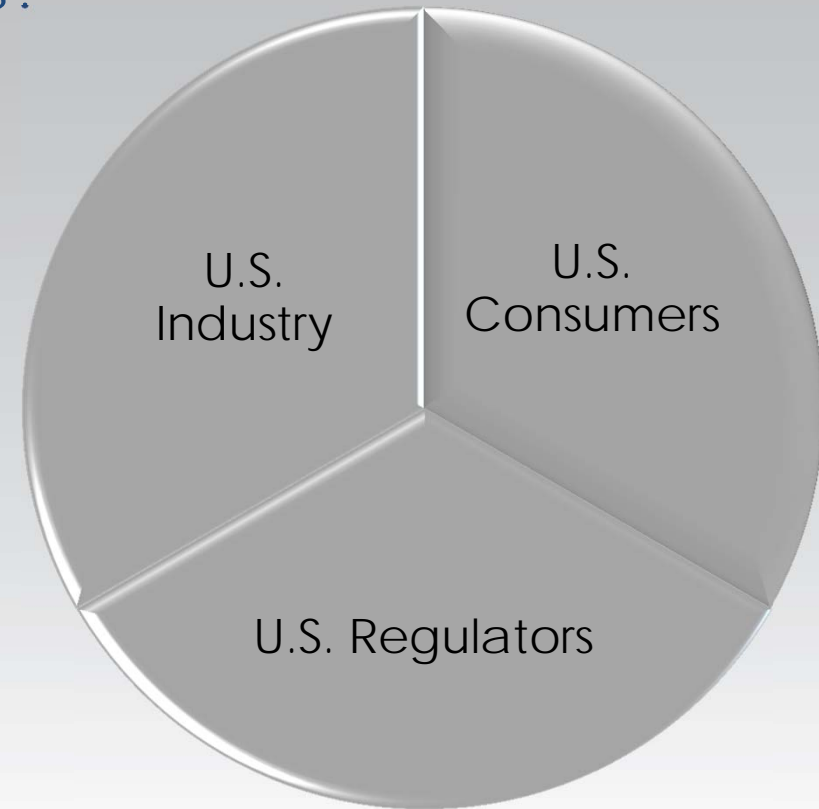
International Considerations

- How to Achieve (International) Harmonization?
 - All stakeholders in the standardization process bring their best practices and ideas "to the table"
 - U.S. National Working Groups bring together U.S. stakeholders to discuss OIML Recommendations that are under development
 - Harmonization is a "two-way street"



International Considerations

- Who are the U.S. Stakeholders in the requirements in OIML Recommendations?
 - U.S. Industry
 - U.S. Regulators
 - U.S. Consumers





International Bureau of Legal Metrology

- International Bureau of Legal Metrology (BIML)
 - Headquarters are in Paris, France
 - Staff of 11 (includes Director and two Assistant Directors)
 - www.oiml.org



Jean-François Magaña
BIML Director



OIML Structures

- International Conference of Legal Metrology
 - Meet every 4-years to define general policy and budget for OIML
- International Committee of Legal Metrology (CIML)
 - Meet annually to review OIML's technical progress and administrative operations
 - Vote on OIML publications (Recommendations)



Alan Johnston
CIML President

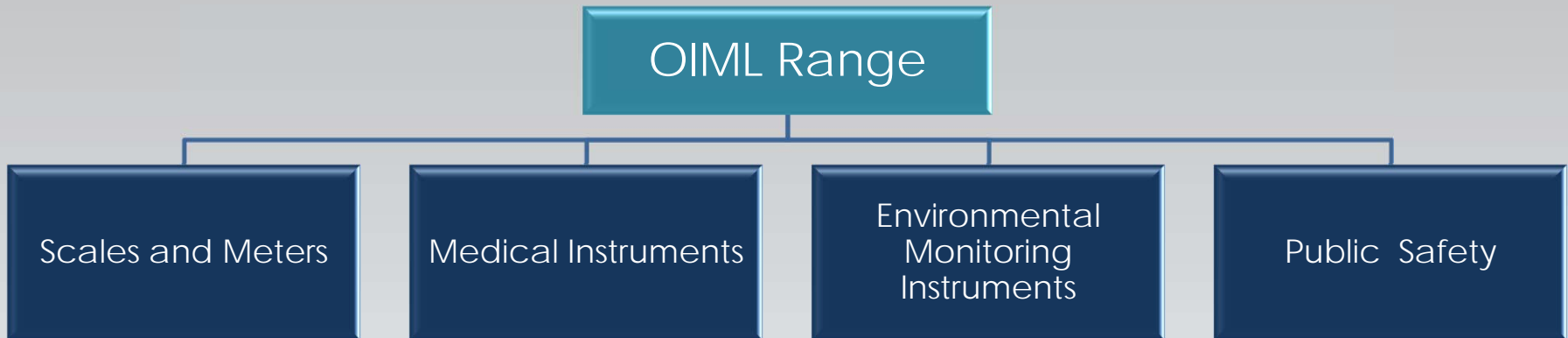


OIML Committees

- OIML Technical Committees and Subcommittees
 - 18 TCs, 45 SCs
 - U.S. is Secretariat of 4 TCs
 - 10 SCs (3 are Co-Sec)
- Numbering
 - TC 9: Instruments for measuring mass and density
 - TC9/SC2: Automatic weighing instruments
 - Examples:
 - OIML R 60: Load Cells
 - OIML R 76: Non-automatic Weighing Instruments



OIML Range of Recommendations





OIML Certificate System

- Similar to NTEP Certificates, only global
- Basic Certificate System
- Mutual Acceptance Arrangement (MAA)
- Declaration of Mutual Confidence (DoMC)
- NCWM / NTEP is signatory to OIML R60 DoMC



Conference Special Events

- Dinner & Improv at Wabasha Caves
 - Wednesday, July 14 (5:30 p.m. – 9:00 p.m.)
 - Complimentary transportation, admission, food and entertainment with full meeting registration fees
 - Guest Admission: \$55/person
 - Casual attire



Attire

- Either business casual or traditional business attire is appropriate for all meetings
- Social events are normally business casual or casual, depending on the event



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Thank You