

International Legal Metrology Update

for the 2016 NCWM Annual Meeting in Denver



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Load Cells

OIML TC9:

Instruments for Measuring Mass and Density
(U.S. is Secretariat)

- A 4CD of R60-1 was developed by the TC9 - Project Group 1 and was distributed in November 2015;
- A 1st Working Draft of R60-2 (test report format) was also developed and distributed in Nov 2015 with assistance provided from a few members of the Project Group;
- After resolving on the all comments received on the November drafts, new drafts of R60-1 (5CD) and R60-2 (1CD) are expected to be distributed this summer.



NIST Office of Weights and Measures Contact: **John Barton**



Automatic Weighing Systems (Arched Chute Type)

OIML TC9/SC2 (UK is Secretariat; Netherlands is Proposer)

- Proposal put forward at the 2015 CIML meeting by the Netherlands to develop a new OIML Recommendation on “Continuous totalizing automatic weighing instruments of the arched chute type”.
- Centripital force on an arched chute is measured.
- Netherlands, Germany, and the UK regulate this type of instrument.
- Many CIML Members were unfamiliar with this technology, especially with the achievable levels of accuracy.



NIST Office of Weights and Measures Contacts: **John Barton, Rick Harshman**



Static Volume and Mass Measurement

OIML TC8/SC1 (U.S. and Netherlands are Co-Secretariats)

- The Secretariat of this subcommittee has been re-allocated from Germany to the US and the Netherlands (June 2016)
- **OIML R71 “Fixed Storage Tanks” and OIML R85 “Automatic Level Gauges” are being jointly revised. The 1CD packages of both Recommendations were distributed in March 2016.**
- The 2CD packages of R80-2 and R80-3 “Road and Rail Tankers with Level Gauging” were also distributed in March 2016.
- **A subcommittee meeting was held at the factory of a U.S. manufacturer in Gothenburg, Sweden, in June 2016. International comments received on all three Recommendations were resolved, and the next drafts are planned for Fall 2016.**



NIST Office of Weights and Measures Contact: **Ralph Richter**



Dynamic Measuring Systems for Liquids other than Water

OIML TC8/SC3 (US and Germany are Co-Secretariats)

- **OIML R117-2 and R117-3 received final CIML approval with 100% consensus in November 2014. Both were published in April 2015.**
- **A new project for the “immediate revision” of all 3 parts of R117 is underway – it includes new requirements and test procedures for several additional systems, including:**
 - **Measuring systems for liquefied natural gas (LNG); and**
 - **Measuring systems for bunker fuel.**
- **The 1CDs of the new R117-1 (111 pages) and R117-2 (187 pages) were distributed in April 2016.**
- **A meeting of the R117 Project Group was held earlier this month (July 2016) in the Netherlands to resolve international comments and initiate work on the 2CD package of R117.**



NIST Office of Weights and Measures Contact: **Ralph Richter**



Prepackaged Products – Labeling and Net Quantity

OIML TC 6 (South Africa is the Secretariat)

- **R 79** “*Labeling Requirements for Prepackaged Products*” was adopted by CIML and published in December 2015. It is available for download on the OIML website.
- **OIML R 87** “*Quantity of Product in Prepackages*” was sent for a second preliminary ballot in June 2016. The U.S. voted “yes” on this.
- The U.S. also voted “yes” on the 2CD of a new guide on establishing bilateral agreements for acceptance of prepackage certification was distributed by the Secretariat in June 2016.
- **No further meetings of TC6 are scheduled at this time.**





Moisture Meters For Cereal Grain and Oilseeds

OIML TC17/SC1

(US and China are Co-Secretariats)

- The preliminary ballot of R59 “*Moisture Meters For Cereal Grain and Oilseeds*” closed this month (July 2016). Final CIML approval is expected in Oct 2016.
- Many tests and requirements in R59 are the same as U.S. type evaluation requirements.
- R59 has been revised in parallel with the development of the new Recommendation on “*Protein Measuring Instruments for Cereal Grains and Oil Seeds*” to promote harmonization. Final CIML approval is also expected in Oct 2016.



NIST Office of Weights and Measures Contacts: **Diane Lee**



OIML Certificate System

OIML TC 3/SC 5

- A CPR Meeting was held in Denmark in March 2016.
- An Ad Hoc Working Group was formed to examine possible efficiencies and other improvements to the OIML Basic Certificate System and the MAA Certificate System.
- **Restructuring is being proposed to create a “Management Committee” that will better oversee all aspects of the OIML Certification System (OIML-CS).**
- **Committees on Participation Review (CPRs) and individual Declarations of Mutual Confidence (DoMCs) would no longer exist.**
- **The objective is to have a new OIML Certification System in place by January 2018.**

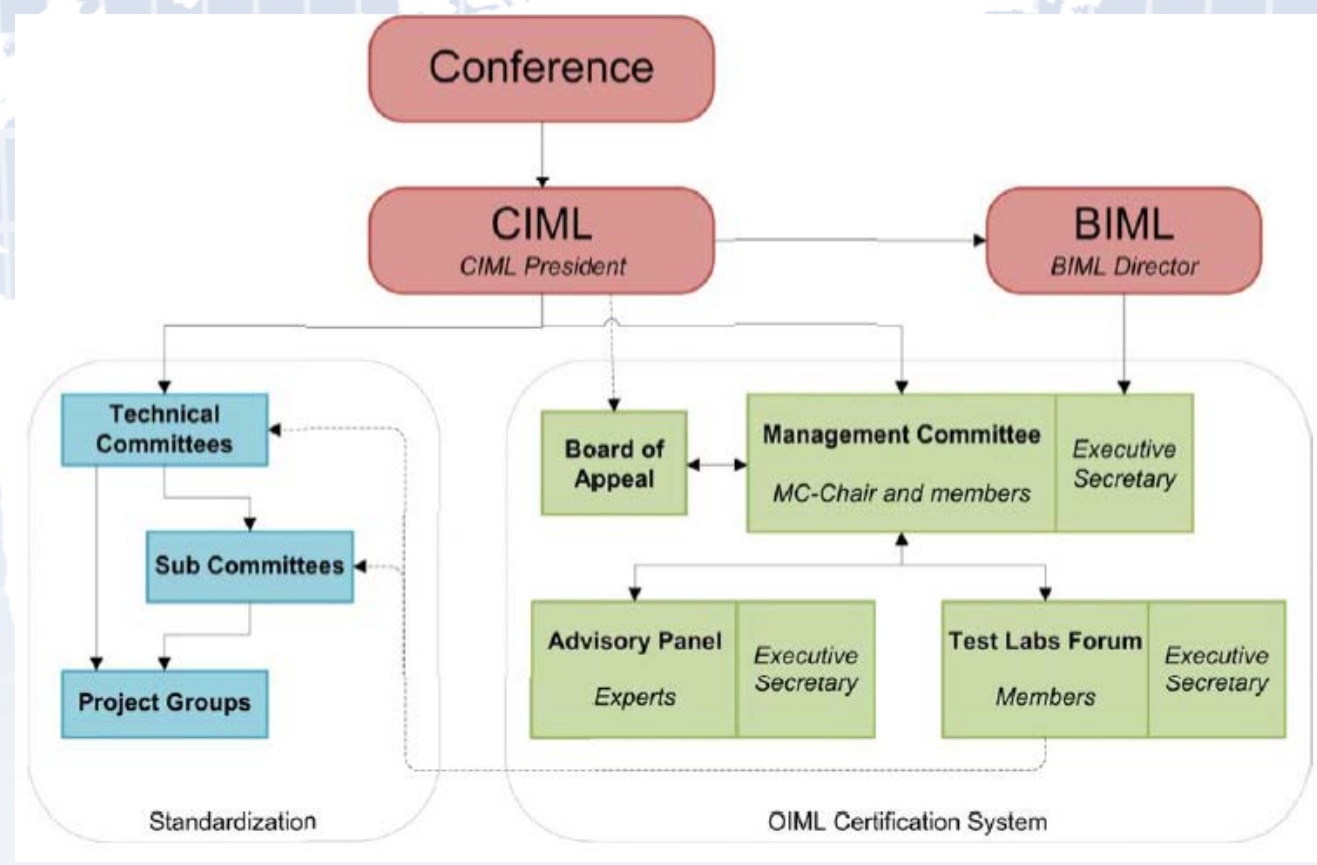


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Proposed OIML Certification System (OIML-CS)

OIML CSPG





CIML and APLMF Meetings

- **The 51st CIML Meeting and the 15th OIML Conference (held once every four years) will be the week of 17-21 October 2016.**
 - **Strasbourg, France**
- **Some Key Topics**
 - **Restructuring of the OIML Certificate System**
 - **Improvements to the PG Workspaces**
 - **Directives for the Technical Work**
- **23rd APLMF Meeting is scheduled to be held in Nov 2016**
 - **Tokyo, Japan**



OIML web site: www.oiml.org



Thank You

