



# OIML Update

2012 NCWM Annual Meeting

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# International Organization of Legal Metrology (OIML)

## Numbering of OIML Technical Committees, Subcommittees and Projects

Example:

TC 9: Instruments for Measuring Mass and Density

TC 9/SC 2: Automatic Weighing Instruments

OIML TC 9/ SC 2/p 7: Revision of R50-1

Continuous totalizing automatic weighing instruments (belt weighers)

Part 1: Metrological and technical requirements - Tests

# Load Cells

OIML TC9: Instruments for Measuring Mass and Density  
(U.S. is Secretariat)

NIST Office of Weights and Measures Contact: John Barton

- 1 OIML R 60 has undergone revision to conform to the new formatting structure that OIML has provided
- 2 1<sup>st</sup> Working Draft of R 60 (formatting change only) was circulated in December 2010 for comment. Comments received indicated that the scope of R60 should be expanded.
- 3 A meeting was held on September 19 & 20, 2011, in Germany, where Participating Members were asked to determine what should be included in the 1<sup>st</sup> Committee Draft of this revision
- 4 Conclusions from that meeting and additional comments are now being incorporated into a 1<sup>st</sup> Committee Draft expected to be circulated late in summer 2012

# General Requirements for Measuring Instruments

OIML TC5/SC1: Environmental Conditions

NIST Office of Weights and Measures Contact: Ralph Richter

1 OIML D 11 is important because it provides a general reference for testing requirements on all measuring instruments

2 The US participated in a meeting of OIML TC5/SC1 to discuss the D 11 document and international comments on the 1CD in Utrecht, The Netherlands, in June 2011.

3 The US returned comments on the 2CD of D 11 in March 2012 and expects the next stage to be a CIML Preliminary Ballot.

# Dynamic Measurement of Liquids Other Than Water

OIML TC8/SC3

NIST Office of Weights and Measures and OIML Co-Sec Contact: Ralph Richter

- 1 U.S. chairs the IWG that is developing the new OIML R 117-2 and R 117-3.
- 2 The 2CD for R 117-2 " Test Methods " will be distributed this month. Comments on the 2CD will be due in October 2012.
- 3 A TC8/SC3 subcommittee meeting has been scheduled for 13-15 November 2012 in Paris, France.

# Project Group

For R117 Development



# Some complex liquid measuring systems covered by OIML R117

covered by OIML R117



# Water Meters

OIML TC8/SC5

NIST Office of Weights and Measures Contact: Ralph Richter

- 1 OIML + ISO + CEN are working together to harmonize requirements for water meters (using OIML R49 as basis)
- 2 Joint OIML + ISO + CEN water meter meeting was hosted by NIST in Gaithersburg, Maryland, November 8-10, 2011
- 3 Vote and comments on the 3CD of R49 are due to be returned to the Secretariat in Aug 2012.
- 4 Joint OIML + ISO + CEN meeting is being planned for October, 2012, in the UK



# Meetings of the Joint OIML/ISO/CEN Working Group for Water Meters at NIST

Gaithersburg, Maryland – November 8-10, 2011



# Gas Metering

OIML TC8/SC7

NIST Office of Weights and Measures Contacts: Ralph Richter and Juana Williams

1

OIML R137 (Gas Meters) passed online CIML ballot;  
Published in May, 2012

2

The new ANSI B109 standard is harmonized with OIML R 137

3

The 1CD of OIML R139 "Compressed gaseous fuel measuring systems for vehicles" is currently out for comment.

# Belt-Conveyor Scale Systems

OIML TC9/SC2

NIST Office of Weights and Measures Contact: John Barton

- 1 Previous Committee Drafts of R50-1 incorporated new accuracy class (0.2) and technologies (belt mapping, whole belt totalization)
- 2 5th Committee Draft of R50-1 has now been circulated, with deadline of October 31, 2012, for receipt of comments.
- 3 A Working Draft of R50-2 (test report format) was circulated among TC9/SC2 members together with the latest draft of R50-1. Comments are also due by October 31, 2012.
- 4 Anyone interested in the revision of this Recommendation, please contact John Barton

# Prepackaged Products

## OIML TC6

NIST Office of Weights and Measures Contact: Ken Butcher

1

The 3<sup>rd</sup> CD of OIML Certification System for Prepackages (OIML IQ Mark), was received and reviewed in December, 2011. The U.S. continues to oppose development of this system *and* sent a "No" ballot to the Secretariat.

2

Received and reviewed the 2nd CD of OIML R79 "Labeling Requirements" in December. The proposed requirements in the CD were found to be consistent with NIST Handbook 130 so the U.S. sent a "Yes" ballot to the Secretariat.

3

OIML R87 "Quantity of Product in Prepackages" is undergoing revision and will be distributed for review later this summer.

The next meeting of TC6 will be held in Tokyo, Japan during the week of October 22-26, 2012.

# OIML Certificate System and Mutual Acceptance Arrangement (MAA)

OIML TC3/SC5

NIST Office of Weights and Measures Contact: Chuck Ehrlich

- 1 Revision of OIML Basic Certificate System document (B3) and OIML Mutual Acceptance Arrangement (MAA) document (B10) passed the vote at last year's CIML meeting in Prague
- 2 International use of OIML MAA is increasing rapidly
- 3 Acceptance of test data from manufacturers (under controlled supervision) in MAA still under discussion (would be voluntary)
- 4 CIML Members will likely vote on criteria that would allow such test data in the MAA at this year's CIML Meeting

# 47<sup>th</sup> CIML Meeting and 14<sup>th</sup> OIML Conference

- **October 1-5, 2012**

Bucharest, Romania

CIML Meeting and OIML Conference are  
"intertwined"

- **Key Issues to be Decided**

Re-revision of OIML Directives, Part 1

OIML Budget for next four years

OIML Policy issues

OIML web site: [www.oiml.org](http://www.oiml.org)

Thank You