



# OIML Update

2011 NCWM Interim Meeting

**Dr. Charles Ehrlich**

Group Leader, International Legal Metrology Group

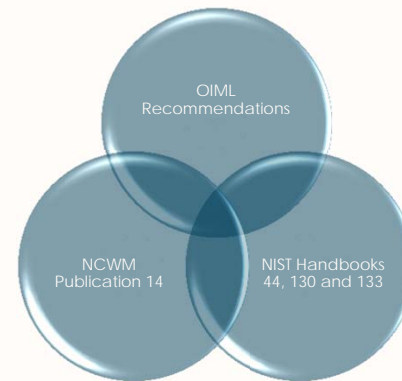
NIST Weights and Measures Division

U.S. CIML Member

# International Organization of Legal Metrology (OIML)

- Develops legal metrology standards, referred to as OIML Recommendations, to facilitate international harmonization

- Overlap of topics between OIML Recommendations and NCWM Publication 14, NIST Handbooks 44, 130 and 133



- Numbering of OIML Committees and Subcommittees  
TC 9: Instruments for Measuring Mass and Density  
TC9/SC2: Automatic Weighing Instruments

# Load Cells

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

NIST Weights and Measures Division 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) has been circulated for comment (comments due by March 31, 2011)

# Software

## OIML TC5/SC2: Software

NIST Weights and Measures Division Contact: Ambler Thompson

1

OIML D31 "General Requirements for Software Controlled Measuring Instruments" has been published

2

A new document of field verification methods is under development, but has been delayed

# General Requirements for Electronic Measuring Instruments

OIML TC5/SC1: Environmental Conditions

NIST Weights and Measures Division Contact: Ralph Richter

1

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

2

The document is currently under revision, and working draft of the revised document is available for review.

# Dynamic Measurement of Liquids Other Than Water

OIML TC8/SC3

NIST Weights and Measures Division 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

1 CD for R 117-2 " Test Methods " was distributed in January 2011

# Water Meters

OIML TC8/SC5

NIST Weights and Measures Division Contact: Ralph Richter

1

OIML + ISO + CEN are working together to harmonize requirements for water meters

2

Joint OIML + ISO + CEN working group meeting held in April 2010

# Gas Metering

OIML TC8/SC7

NIST Weights and Measures Division Contact: Ralph Richter

1

A significant new ANSI performance-based standard for gas meters in the U.S. is being developed

2

The new ANSI B109 standard is harmonized with OIML R 137



# Belt-Conveyor Scale Systems

OIML TC9/SC2

NIST Weights and Measures Division Contact: John Barton

1

U.S. comments on 3<sup>rd</sup> Committee Draft of R 50 have been sent to Secretariat (UK)

2

New accuracy class and new technologies are being considered

3

NTETC Belt-Conveyor Scale Sector serves as U.S. National Working Group

4

TC9/SC2 meeting Scheduled for April 18-19, 2011, in UK

# Prepackaged Products

OIML TC6

NIST Weights and Measures Division Contact: Ken Butcher

1

Awaiting 3<sup>rd</sup> CD of OIML Certification System for Prepackages (OIML IQ Mark), expect to see it in the Spring of 2011

2

Awaiting 1<sup>st</sup> CD of OIML R79 Labeling Requirements, expect to also see it in the Spring of 2011

3

OIML R87 Quantity of Product in Prepackages will be revised; TC6 meeting in Tokyo in April, 2011, to discuss issues

# OIML Certificate System and Mutual Acceptance Arrangement (MAA)

OIML TC3/SC5

NIST Weights and Measures Division Contact: Chuck Ehrlich

1

OIML Certificate System document (B3) and OIML Mutual Acceptance Arrangement (MAA) document (B10) are undergoing revision

2

TC 3/SC 5 Meeting held October 4&5, 2010

3

Controversial topic in MAA: Acceptance of test data from manufacturers under controlled supervision

# OIML Conformity to Type Program (CTT)?

OIML TC3/SC5

NIST Weights and Measures Division Contact: Chuck Ehrlich

1

Topic generated a lot of discussion at the Orlando CIML Meeting

2

Australia put forward the original proposal

3

New Zealand is coordinating an OIML Seminar;  
NCWM and SMA will participate

# 2010 CIML Meeting

- **September 21-24, 2010**  
Orlando, Florida  
Double Tree (at entrance to Universal Studios)
- **Presentations**  
Tim Tyson  
Don Onwiler  
Darrell Flocken  
Carol Hockert

# International Organization of Legal Metrology (OIML)

- Headquarters are in Paris, France
- Staff of 11 (includes Director and two Assistant Directors)
- [www.oiml.org](http://www.oiml.org)



**Stephen Patoray**  
BIML Director

Thank You