



OIML Update

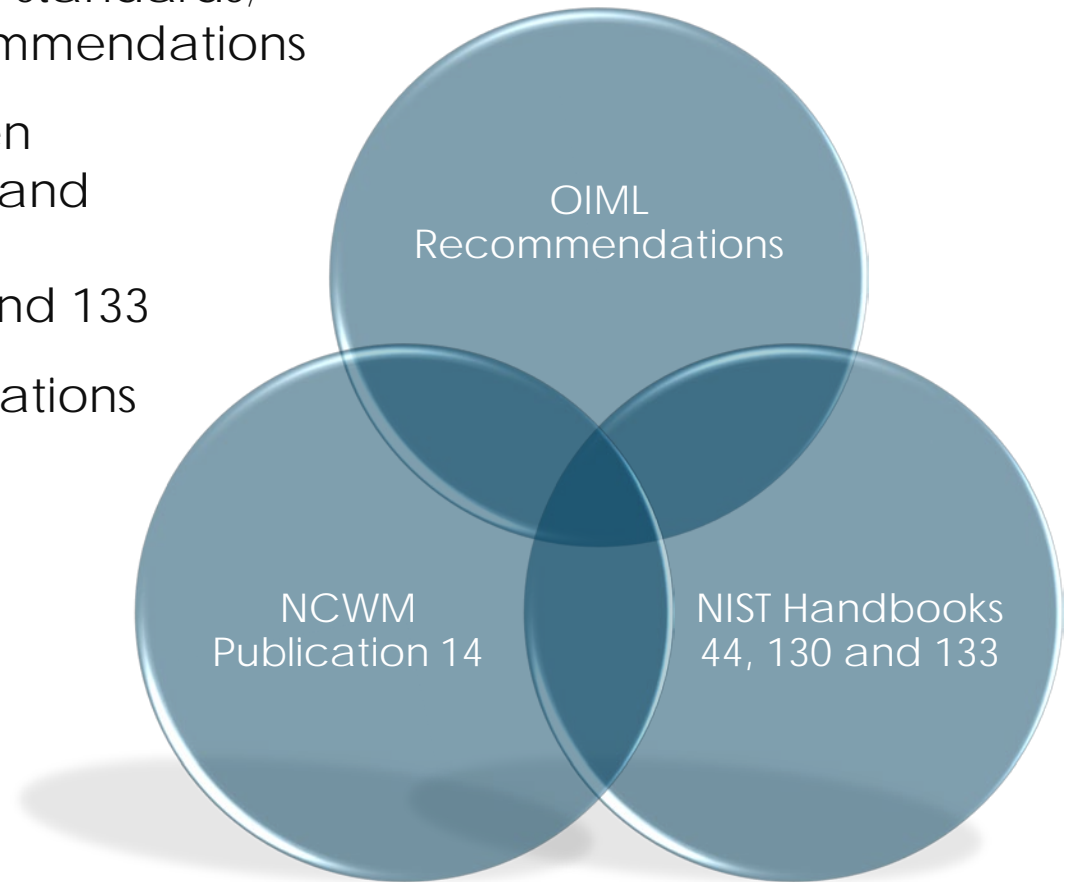
2010 NCWM Annual Meeting

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



Why

International Harmonization?

1

Reduces the need for manufacturers to undergo costly, duplicative testing

2

Manufacturers don't need to make different instruments for different States or countries

3

Provides smoother international trade and commerce, and an efficiency to the marketplace

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 of 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 is currently under revision to conform to the new structure that OIML has provided

2

1st working draft of R 60 is anticipated this Fall

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

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

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 " will be distributed by end of July, 2010

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 3rd 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

Prepackaged Products

OIML TC6

NIST Weights and Measures Division Contact: Ken Butcher

1

2nd CD of OIML Certification System for Prepackages distributed in June to NCWM L&R Committee

2

Deadline for comments to NIST WMD: August 18, 2010

3

Draft revision of OIML R79 Labeling Requirements; initial U.S. response distributed to L&R Committee

4

Deadline for comments to NIST WMD: July 23, 2010

OIML Certificate System and Mutual Acceptance Arrangement (MAA)

OIML TC3/SC5

NIST Weights and Measures Division Contact: Chuck Ehrlich

1

Hot topic in the 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 will likely generate a lot of discussion at the Orlando CIML Meeting

2

Australia has put forward a proposal in this direction

2010 CIML Meeting

- September 21-24, 2010

Orlando, Florida

Double Tree (at entrance to Universal Studios)

- Presentations

Dr. Patrick Gallagher

Tim Tyson

Don Onwiler

Darrell Flocken

International Organization of Legal Metrology (OIML)

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



Jean-François Magaña
BIML Director

Thank You