

NCWM
PUBLICATION

15

INTERIM
MEETING AGENDA



New Orleans, Louisiana
January 22-25, 2012

**N C W M
PUBLICATION**

15

**I N T E R I M
MEETING AGENDA**

New Orleans, Louisiana / January 22-25, 2012

Prepared in Cooperation with the National Conference on Weights and Measures, National Type Evaluation Program, National Institute of Standards and Technology Office of Weights and Measures, Central Weights and Measures Association, Northeastern Weights and Measures Association, Southern Weights and Measures Association and Western Weights and Measures Association



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National Conference on Weights and Measures Overview

National Conference on Weights and Measures (NCWM), Inc. is a standards development organization for weights and measures regulatory agencies of the states, counties, and cities of the United States, as well as for federal agency use. The Interim Meeting brings together government officials and representatives of business, industry, trade associations, and consumer organizations for the purpose of hearing and discussing subjects that relate to the field of weights and measures technology and administration.

The programs of NCWM and its committees explore the broad area of this economically important segment of governmental regulatory service. NCWM develops and recommends laws and regulations, technical codes for weighing and measuring devices used in commerce, test methods, enforcement procedures, and administrative guidelines for adoption by regulatory agencies in the interest of promoting uniformity of requirements and methods among state and local jurisdictions.

A major objective of NCWM is to foster understanding and cooperation among weights and measures officials and all industrial, business, and consumer interests. NCWM has been cited on numerous occasions for its outstanding success. The National Institute of Standards and Technology (NIST) have statutory responsibility for “cooperation with the states in securing uniformity of weights and measures laws and methods of inspection.” Opinions expressed in submitted documents are those of the authors and not necessarily those of NCWM. Contributors are solely responsible for the content and quality of their material.

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Taking Measure of Our Worth

Kurt Floren, Chairman
Los Angeles County, California



Dear Friends,

Welcome to the 2012 NCWM Interim Meeting. This year's meeting is being held at the beautiful Hotel Monteleone, which has stood since 1886 as one of the original landmarks in the famous French Quarter of New Orleans. While there is certain to be some time for discussion regarding the proper pronunciation of the city's name ("new OR-l@ns?"... "new OR-lee-'@ns?"... "new AH-lee-@ns?"... "'N'Awlins?"), the truly important discussions and debates will be about the many new proposals and emerging issues concerning our collective work in the realm of weights and measures. By the way, I'm advised to never say, "new or-LEENS," or you will be instantly identified as a tourist.

As our theme this year is "Taking Measure of Our Worth," a portion of that worth will be demonstrated in productively addressing a broad array of topics that affect our industries, our respective marketplaces, and the very work that we all perform in our day-to-day duties:

- The Laws and Regulations Committee will be considering more than two dozen issues ranging from labeling of packaged non-aerosol products, polyethylene commodities, and animal bedding to labeling and sales of engine fuels, lubricants, hydrogen, and flex fuels to deal with new technologies and emerging issues facing all of us.
- The Specifications and Tolerances Committee will, among its nearly equivalent-sized array of concerns, be dealing with proposed specifications and tests of railway track scales, belt-conveyor scale systems, and requirements for water meters and taximeters.
- In continuance of NCWM's efforts to enhance its worth in the improvement and documentation of skills and competencies of weights and measures officials across the nation, the Professional Development Committee (PDC) will continue its work on the Professional Certification Program, evaluating progress to date and proceeding with finalization of additional certification examinations. The PDC will also be discussing means to hone the skills of instructors charged with instructing field officials in the many disciplines of our work and prioritizing topics for future training presentations.

Together with discussions of the Task Group on Printer Ink and Toner Cartridges and the presentation of proposals from the Task Group on Retail Motor Fuel Dispenser Price Posting and Computing Capability, the NCWM Interim Meeting is sure to inspire its usual degree of spirited discussion and debate as the committees and our members work together to refine proposals and develop the agenda for our Annual Meeting in July 2012. Your active input is critical in influencing and establishing the national standards so important to the marketplace.

I look forward to seeing and working with you in New Orleans, one of America's most culturally and historically rich cities. May the work of NCWM be equally rich and demonstrate its worth in fulfilling our mission to develop and implement uniform and equitable standards through our consensus building process.

Sincerely,

A handwritten signature in black ink, appearing to read "Kurt Floren", with a long horizontal flourish extending to the right.

Kurt E. Floren
NCWM Chairman

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Schedule of Events

(The schedule of events is tentative and subject to change.)

**Committee hearings will occur in the order presented below. Times of each hearing are not firm; when one committee finishes, the next committee will begin.*

Friday, January 20, 2012

8:30 a.m. – 5:00 p.m. NCWM Board of Directors Meeting Beauregard Room

Saturday, January 21, 2012

8:30 a.m. – 5:00 p.m. NCWM Board of Directors Meeting Parlor D

Sunday, January 22, 2012

7:30 a.m. – 9:00 a.m. Coffee Service Bonnet Carre
 7:30 a.m. – 5:00 p.m. Registration and Exhibits Queen Anne Lobby
 8:00 a.m. – 11:30 a.m. Meter Manufacturers Association Queen Anne Parlor
 8:30 a.m. – 12:00 p.m. NCWM Board of Directors Meeting Parlor D
 12:00 p.m. – 1:00 p.m. Lunch on Your Own
 1:00 p.m. – 1:30 p.m. Joint Meeting – All Standing Committees Parlor D
 1:30 p.m. – 4:00 p.m. Information Gathering Meeting on Alternative Test Methods for Liquid Measuring Devices Parlor C
 1:30 p.m. – 4:00 p.m. Task Group on Printer Ink and Toner Cartridges Parlor B
 1:30 p.m. – 4:00 p.m. Fuels and Lubricants Subcommittee Parlor A
 4:00 p.m. – 5:00 p.m. Standing Committee's Agenda Review
 Laws and Regulations Committee Parlor B
 Specifications and Tolerances Committee Parlor C
 Professional Development Committee Parlor A
 Board of Directors Parlor D
 NTEP Committee Parlor D
 5:30 p.m. – 7:00 p.m. Chairman's Reception River View Room

Monday, January 23, 2012

7:30 a.m. – 9:00 a.m. Light Breakfast Bonnet Carre
 7:30 a.m. – 5:00 p.m. Registration and Exhibits Queen Anne Lobby
 8:00 a.m. – 5:00 p.m. Nominating Committee Queen Anne Parlor
 8:30 a.m. – 5:00 p.m. Official Session – Open Hearings Queen Anne Ballroom
 Laws and Regulations Committee
 Specifications and Tolerances Committee
 Professional Development Committee
 Board of Directors
 NTEP Committee
 11:30 a.m. – 12:30 p.m. Lunch on Your Own

2012 Interim Schedule of Events

Tuesday, January 24, 2012

7:30 a.m. – 9:00 a.m.	Light Breakfast	Bonnet Carre
7:30 a.m. – 5:00 p.m.	Registration and Exhibits	Queen Anne Lobby
7:30 a.m. – 8:30 a.m.	Packaging and Labeling Subcommittee	Queen Anne Parlor
8:30 a.m. – 12:00 p.m.	Official Session – Open Hearings	Queen Anne Ballroom
12:00 p.m. – 1:00 p.m.	Lunch on Your Own	
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	Laws and Regulations Committee	Parlor B
	Specifications and Tolerances Committee	Parlor C
	Professional Development Committee	Parlor A
	Board of Directors	Parlor D
	NTEP Committee	Parlor D
5:00 p.m. – 6:00 p.m.	Associate Membership Committee	Queen Anne Ballroom

Wednesday, January 25, 2012

7:30 a.m. – 9:00 a.m.	Light Breakfast	Bonnet Carre
7:30 a.m. – 12:00 p.m.	Registration and Exhibits	Queen Anne Lobby
8:30 p.m. – 11:00 a.m.	Committee Work Sessions	
	Laws and Regulations Committee	Parlor B
	Specifications and Tolerances Committee	Parlor C
	Professional Development Committee	Parlor A
	Board of Directors	Parlor D
	NTEP Committee	Parlor D
11:00 a.m. – 12:00 p.m.	Joint Meeting – All Standing Committees	Parlor D

2011 – 2012 Organizational Chart

NCWM Board of Directors (BOD)

Office	Name	Affiliation	Term Ends
Chairman	Kurt Floren	Los Angeles County, California	2012
Chairman-Elect	Stephen Benjamin	North Carolina	2012
NTEP Committee Chair	Tim Tyson	Kansas	2012
Treasurer	Mark Coyne	City of Brockton, Massachusetts	2012
Active Membership - Western	Brett Saum	San Luis Obispo County, California	2012
Active Membership - Central	Ronald Hayes	Missouri	2015
Active Membership - Southern	Terence McBride	Memphis, Tennessee	2013
Active Membership - Northeastern	James Cassidy	City of Cambridge, Massachusetts	2014
At-Large	John Gaccione	Westchester County, New York	2016
At-Large	Stephen Langford	Cardinal Scale Manufacturing, Co.	2013
Associate Membership	Gordon Johnson	Gilbarco, Inc.	2013
Honorary NCWM President	Dr. Patrick D. Gallagher	NIST Director	NA
Executive Secretary	Carol Hockert	NIST, Office of Weights and Measures	NA
Executive Director	Don Onwiler	NCWM Headquarters	NA
Advisory	Gilles Vinet	Measurement Canada	NA
NTEP Administrator	Jim Truex	NCWM Headquarters	NA

National Type Evaluation Program (NTEP)

Office	Name	Affiliation	Term Ends
Committee Chair	Tim Tyson	Kansas	2012
Member	Kurt Floren	Los Angeles County, California	2012
Member	Stephen Benjamin	North Carolina	2012
Member	Brett Saum	San Luis Obispo County, California	2012
Member	James Cassidy	City of Cambridge, Massachusetts	2014
NTEP Administrator	Jim Truex	NCWM Headquarters	NA

Finance Committee

Office	Name	Affiliation	Term Ends
Committee Chair	Kurt Floren	Los Angeles County, California	2012
Member	Mark Coyne	City of Brockton, Massachusetts	2012
Member	Stephen Benjamin	North Carolina	2012
Member	Gordon Johnson	Gilbarco, Inc.	2013
Executive Director	Don Onwiler	NCWM Headquarters	NA

Laws and Regulations Committee (L&R)

Office	Name	Affiliation	Term Ends
Committee Chair	Judy Cardin	Wisconsin	2013
Member	Louis Sakin	Town of Hopkinton, Massachusetts	2012
Member	Raymond Johnson	New Mexico	2014
Member	Tim Lloyd	Montana	2015
Member	Richard Lewis	Georgia	2016
Associate Membership Representative	Rob Underwood	Petroleum Marketers Association of America	2013
Canadian Technical Advisor	Lance Robertson	Measurement Canada	NA
NIST Technical Advisor	David Sefcik	NIST, Office of Weights and Measures	NA
NIST Technical Advisor	Lisa Warfield	NIST, Office of Weights and Measures	NA

Specifications and Tolerances Committee (S&T)

Office	Name	Affiliation	Term Ends
Committee Chair	Steve Giguere	Maine	2012
Member	Kenneth Ramsburg	Maryland	2013
Member	Paul Moyer	Nebraska	2014
Member	Brett Gurney	Utah	2015
Member	Mahesh Albuquerque	Colorado	2016
Canadian Technical Advisor	Ted Kingsbury	Measurement Canada	NA
NIST Technical Advisor	Tina Butcher	NIST, Office of Weights and Measures	NA
NIST Technical Advisor	Rick Harshman	NIST, Office of Weights and Measures	NA

Professional Development Committee (PDC)

Office	Name	Affiliation	Term Ends
Committee Chair	Stacy Carlsen	Marin County, California	2012
Member	Julie Quinn	Minnesota	2013
Member	Dale Saunders	Virginia	2014
Member	Cheryl Ayer	New Hampshire	2015
Member	Kristin Macey	California	2016
Associate Membership Representative	Steven Grabski	Wal-Mart Stores, Inc.	2013
Safety Liaison	TBD		NA
NIST Technical Advisor	TBD		NA
Certification Coordinator	Ross Andersen		NA

Nominating Committee

Office	Name	Affiliation	Term Ends
Committee Chair	Tim Tyson	Kansas	2012
Member	Judy Cardin	Wisconsin	2012
Member	Charles Carroll	Massachusetts	2012
Member	Thomas Geiler	Barnstable Regulatory Services, Massachusetts	2012
Member	Joe Gomez	New Mexico	2012
Member	Maxwell Gray	Florida	2012
Member	Randy Jennings	Tennessee	2012

Credentials Committee

Office	Name	Affiliation	Term Ends
Committee Chair	Richard Lewis	Georgia	2012
Member	Maresh Albuquerque	Colorado	2013
Member	TBD		2014
Coordinator	Vicky Dempsey	Montgomery County Weights and Measures	2013

Appointive Officials

Office	Name	Affiliation	Term Ends
Chaplain	Stephen Langford	Cardinal Scale Manufacturing, Co.	2012
Parliamentarian	Louis Straub	Fairbanks Scale, Inc.	2012
Presiding Officer	Mike Boitano	Amador County, California	2012
Presiding Officer	TBD		2012
Presiding Officer	TBD		2012
Presiding Officer	TBD		2012
Sergeants-at-Arms	TBD		2012
Sergeants-at-Arms	TBD		2012

Associate Membership Committee (AMC)

Office	Name	Affiliation	Term Ends
Committee Chair	Robert Murnane, Jr.	Seraphin Test Measure, Co.	2012
Committee Vice Chair	Christopher Guay	Procter and Gamble, Co.	2012
Secretary / Treasurer	Darrell Flocken	Mettler-Toledo, Inc.	2012
Member	Paul Hoar	AgriFuels, LLC/NBB	2012
Member	Darrell Flocken	Mettler-Toledo, Inc.	2013
Member	Michael Gaspers	Farmland Foods, Inc.	2013
Member	Paul A. Lewis, Sr.	Rice Lake Weighing Systems, Inc.	2014
Member	Robert Murnane, Jr.	Seraphin Test Measure, Co.	2014
Member	Steven Grabski	Wal-Mart Stores, Inc.	2015
Member	Christopher Guay	Procter and Gamble, Co.	2015
Member	Thomas McGee	PMP Corporation	2015
Member	Rob Underwood	Petroleum Marketers Association of America	2015
Member	Pete O'Bryan	Foster Farms	2016

Fuels and Lubricants Subcommittee (FALS)

Office	Name	Affiliation
Chair	Ronald Hayes	Missouri
NIST Technical Advisor	Kenneth Butcher	NIST, Office of Weights and Measures
NIST Technical Advisor	David Sefcik	NIST, Office of Weights and Measures
Public Sector Member	Mahesh Albuquerque	Colorado
Public Sector Member	Stephen Benjamin	North Carolina
Public Sector Member	Matthew Curran	Florida
Public Sector Member	Randy Jennings	Tennessee
Public Sector Member	Kristin Macey	California
Public Sector Member	Julie Quinn	Minnesota
Public Sector Member	William Spitzley	Michigan
Private Sector Member	Chuck Corr	Archer Daniels Midland Company
Private Sector Member	Kevin Ferrick	energy API
Private Sector Member	K.W. Gardner	ExxonMobil Corporation
Private Sector Member	Bill Geubelle	Conoco Phillips
Private Sector Member	Daniel Gilligan	Petroleum Marketers Association of America
Private Sector Member	Rita Hardy	Flint Hills Resources, LP
Private Sector Member	John Harkins	Sunoco, Inc.
Private Sector Member	Marilyn Herman	Herman and Associates
Private Sector Member	Jerome Horn	Chevron Global Downstream, LLC
Private Sector Member	Patrick Kelly	energy API
Private Sector Member	Brian Knapp	energy API
Private Sector Member	Roger Leisenring, Jr.	KiOR
Private Sector Member	Russ Lewis	Marathon Petroleum, LLC
Private Sector Member	Andrea Martincic	Arizona Petroleum Marketers Association
Private Sector Member	James McGetrick	BP Products
Private Sector Member	Kristin Moore	Renewable Fuels Association
Private Sector Member	Manuch Nikanjam	Chevron Global Downstream, LLC
Private Sector Member	Robert Reynolds	Downstream Alternatives, Inc.

Packaging and Labeling Subcommittee

Office	Name	Affiliation
Committee Chair	Christopher Guay	Procter and Gamble, Co.
NIST Technical Advisor	David Sefcik	NIST, Office of Weights and Measures

Multiple Dimensions Measuring Device Work Group

Office	Name	Affiliation
Chair	Robert Kennington	Quantronix, Inc.
NIST Technical Advisor	Steven Cook	NIST, Office of Weights and Measures
Public Sector Member	Fran Elson-Houston	Ohio
Public Sector Member	Ted Kingsbury	Measurement Canada
Public Sector Member	Justin Rae	Measurement Canada
Private Sector Member	Scott Wigginton	United Parcel Service

Task Group on Printer Ink and Toner Cartridges

Office	Name	Affiliation
Chair	Maureen Henzler	Kansas
NIST Technical Advisor	Lisa Warfield	NIST, Office of Weights and Measures
Public Sector Member	Mike Boitano	Amador County
Public Sector Member	Max Gray	Florida
Public Sector Member	Jack Walsh	Town of Wellesley, Massachusetts
Private Sector Member	Melody Culton	Brother International
Private Sector Member	Paul Jeran	Hewlett Packard Co.
Private Sector Member	Alfred Menard	Lexmark International
Private Sector Member	Stratt Pinagel	Walmart Stores, Inc.

Task Group on Retail Motor Fuel Dispenser Price Posting and Computing Capability

Office	Name	Affiliation
Chair	Jeff Humphreys	Los Angeles County
Co-Chair	Fran Elson-Houston	Ohio
NIST Technical Advisor	Juana Williams	NIST, Office of Weights and Measures
Public Sector Member	Shelly Miller	Wisconsin
Public Sector Member	Ken Ramsburg	Maryland
Public Sector Member	Dan Reiswig	California
Public Sector Member	Jerry Buendel	Washington State Department of Agriculture
Public Sector Member	Michael Sikula	New York
Private Sector Member	Rex Brown	Petroleum Equipment Institute
Private Sector Member	Gordon Johnson	Gilbarco, Inc.
Private Sector Member	Phil Katselnik	Dresser Wayne
Private Sector Member	Patrick Lewis	KickBack Reward Systems
Private Sector Member	Mike Roach	VeriFone
Private Sector Member	Richard Suiter	Richard Suiter Consulting
Private Sector Member	Rob Underwood	Petroleum Marketers Association of America

NTETC Belt-Conveyor Sector

Office	Name	Affiliation
Chair	Bill Ripka	Thermo Fisher Scientific
Technical Advisor	John Barton	NIST, Office of Weights and Measures
NTEP Administrator	Jim Truex	NCWM Headquarters
Public Sector Member	Tina Butcher	NIST, Office of Weights and Measures
Public Sector Member	Ken Jones	California
Private Sector Member	Rafael Jimenez	Association of American Railroads Transportation Technology Center, Inc.
Private Sector Member	Lars Marmsater	Merrick Industries, Inc.
Private Sector Member	Peter Sirrico	Thayer Scale / Hyer Industries
Private Sector Member	Thomas Vormittag	

NTETC Grain Analyzer Sector

Office	Name	Affiliation
Chair	Cassie Eigenmann	DICKEY-john Corporation
Co-Technical Advisor	Jack Barber	J B Associates
Co-Technical Advisor	G. Diane Lee	NIST, Office of Weights and Measures
NTEP Administrator	Jim Truex	NCWM Headquarters
Public Sector Member	Randall Burns	Arkansas
Public Sector Member	Tina Butcher	NIST, Office of Weights and Measures
Public Sector Member	Karl Cunningham	Illinois
Public Sector Member	Ivan Hankins	Iowa
Public Sector Member	Thomas Hughes	Missouri
Public Sector Member	Richard Pierce	USDA, GIPSA Technical Services Division
Private Sector Member	Cheryl Tew	North Carolina
Private Sector Member	Jeffrey Adkisson	Grain and Feed Association of Illinois
Private Sector Member	James Bair	North American Miller's Association
Private Sector Member	Martin Clements	The Steinlite Corporation
Private Sector Member	Andrew Gell	Foss North America
Private Sector Member	Charles Hurburgh, Jr.	Iowa State University
Private Sector Member	Jess McCluer	National Grain and Feed Association
Private Sector Member	Cassie Eigenmann	DICKEY-john Corporation

NTETC Measuring Sector

Office	Name	Affiliation
Chair	Michael Keilty	Endress + Hauser Flowtec AG, USA
Technical Advisor	Marc Buttler	NIST, Office of Weights and Measures
NTEP Administrator	Jim Truex	NCWM Headquarters
Public Sector Member	Dennis Beattie	Measurement Canada
Public Sector Member	Tina Butcher	NIST, Office of Weights and Measures
Public Sector Member	Jerry Butler	North Carolina
Public Sector Member	Michael Frailer	Maryland
Public Sector Member	James (Steve) Hadder	Florida
Public Sector Member	Norman Ingram	California
Private Sector Member	Steve Bar	Bennett Pump Company
Private Sector Member	Rodney Cooper	Tuthill Transfer Systems
Private Sector Member	Constantine Cotsoradis	Flint Hills Resources
Private Sector Member	Paul Glowacki	Murray Equipment, Inc.
Private Sector Member	Gordon Johnson	Gilbarco, Inc.
Private Sector Member	Dmitri Karimov	Liquid Controls
Private Sector Member	Yefim Katselnik	Dresser Wayne
Private Sector Member	Douglas Long	RDM Industrial Electronics
Private Sector Member	Andrew MacAllister	Daniel Measurement and Control
Private Sector Member	Daniel Maslowski	LTS Sales
Private Sector Member	Wade Mattar	Invensys / Foxboro
Private Sector Member	Richard Miller	FMC Technologies Measurement Solutions, Inc.
Private Sector Member	Andre Noel	Neptune Technology Group, Inc.
Private Sector Member	Henry Oppermann	Weights & Measures Consulting, LLC
Private Sector Member	Johnny Parrish	Brodie International
Private Sector Member	Richard Tucker	RL Tucker Consulting, LLC
Private Sector Member	Kelly White	Itron, Inc.

NTETC Software Sector		
Office	Name	Affiliation
Co-Chair	Norman Ingram	California
Co-Chair	James Pettinato	FMC Technologies Measurement Solutions, Inc.
Technical Advisor	Doug Bliss	Mettler-Toledo, Inc.
Secretary	Teri Gulke	Liquid Controls, LLC
NTEP Administrator	Jim Truex	NCWM Headquarters
Public Sector Member	Dennis Beattie	Measurement Canada
Public Sector Member	Michael Frailer	Maryland
Public Sector Member	Michael Kelley	Ohio
Public Sector Member	Edward Payne	Maryland
Public Sector Member	John Roach	California
Public Sector Member	Ambler Thompson	NIST, Office of Weights and Measures
Private Sector Member	Mary Abens	Emerson Process Management
Private Sector Member	John Atwood	Tyson Foods
Private Sector Member	Kevin Detert	Avery Weigh-Tronix
Private Sector Member	Cassie Eigenmann	DICKEY-john Corporation
Private Sector Member	Andre Elle	Endress + Hauser Flowtec AG
Private Sector Member	Andrew Gell	Foss North America
Private Sector Member	Keith Harper	Gencor Industries, Inc.
Private Sector Member	Tony Herrin	Cardinal Scale Manufacturing Co.
Private Sector Member	Paul A. Lewis, Sr.	Rice Lake Weighing Systems, Inc.
Private Sector Member	Rick Lydon	Sick, Inc.
Private Sector Member	Michael McGhee	Itron, Inc.
Private Sector Member	Richard Miller	FMC Technologies Measurement Solutions, Inc.
Private Sector Member	Michael Parks	Vulcan Materials Company
Private Sector Member	Mike Roach	VeriFone
Private Sector Member	Robin Sax	CompuWeigh Corporation
Private Sector Member	Chris Scott	Gilbarco, Inc.
Private Sector Member	David Vande Berg	Vande Berg Scales

NTETC Weighing Sector		
Office	Name	Affiliation
Chair	Darrell Flocken	Mettler-Toledo, Inc.
Technical Advisor	Rick Harshman	NIST, Office of Weights and Measures
NTEP Administrator	Jim Truex	NCWM Headquarters
Public Sector Member	L. Cary Ainsworth	USDA, GIPSA
Public Sector Member	William Bates	USDA, GIPSA, FGIS
Public Sector Member	Luciano Burtini	Measurement Canada
Public Sector Member	Tina Butcher	NIST, Office of Weights and Measures
Public Sector Member	Terry Davis	Kansas
Public Sector Member	Fran Elson-Houston	Ohio
Public Sector Member	Ken Jones	California
Public Sector Member	Jack Kane	Montana
Public Sector Member	Edward Payne	Maryland
Public Sector Member	Juana Williams	NIST, Office of Weights and Measures
Private Sector Member	Steven Beitzel	Systems Associates, Inc.
Private Sector Member	Greg Bredahl	Thermo Fisher Scientific
Private Sector Member	Neil Copley	Thurman Scale Co.
Private Sector Member	Mitchell Eyles	Flintec, Inc.
Private Sector Member	Robert Feezor	Scales Consulting and Testing
Private Sector Member	Scott Henry	NCR Corporation
Private Sector Member	Sam Jalahej	Totalcomp, Inc.
Private Sector Member	Rafael Jimenez	Association of American Railroads Transportation Technology Center, Inc.
Private Sector Member	Stephen Langford	Cardinal Scale Manufacturing, Co.
Private Sector Member	Paul A. Lewis, Sr.	Rice Lake Weighing Systems, Inc.
Private Sector Member	L. Edward Luthy	Stock Equipment Company Schenck Process Transport N.A.
Private Sector Member	Nigel Mills	Hobart Corporation
Private Sector Member	Louis Straub	Fairbanks Scales, Inc.
Private Sector Member	Jerry Wang	A&D Engineering, Inc.
Private Sector Member	Walter Young	Emery Winslow Scale Company

Central Weights and Measures Association (CWMA) www.cwma.net

States		Contact	Meetings
<ul style="list-style-type: none"> • Illinois • Indiana • Iowa • Kansas • Michigan • Minnesota 	<ul style="list-style-type: none"> • Missouri • Nebraska • North Dakota • Ohio • South Dakota • Wisconsin 	Vicky Dempsey Montgomery County Weights and Measures Phone: (937) 225-6309 Email: dempseyv@mcoho.org	Annual Meeting: May 20-24, 2012 Cedar Rapids, IA Interim Meeting: TBD

Northeastern Weights and Measures Association (NEWMA) www.newma.us

States		Contact	Meetings
<ul style="list-style-type: none"> • Connecticut • Maine • Massachusetts • New Hampshire • New Jersey 	<ul style="list-style-type: none"> • New York • Pennsylvania • Rhode Island • Vermont • Puerto Rico 	James Cassidy City of Cambridge Weights and Measures Department Phone: (617) 349-6133 Email: jcassidy@cambridgema.gov	Annual Meeting: May 14-17, 2012 Seekonk, MA Interim Meeting: October 16-17, 2012 Springfield, MA

Southern Weights and Measures Association (SWMA) www.swma.org

States		Contact	Meetings
<ul style="list-style-type: none"> • Alabama • Arkansas • Delaware • District of Columbia • Florida • Georgia • Kentucky • Louisiana • Maryland 	<ul style="list-style-type: none"> • Mississippi • North Carolina • Oklahoma • South Carolina • Tennessee • Texas • US Virgin Islands • Virginia • West Virginia 	Stephen Benjamin North Carolina Department of Agriculture Phone: (919) 733-3313 Email: steve.benjamin@ncagr.gov	Annual Meeting: TBD

Western Weights and Measures Association (WWMA) www.westernwma.org

States		Contact	Meetings
<ul style="list-style-type: none"> • Alaska • Arizona • California • Colorado • Hawaii • Idaho • Montana 	<ul style="list-style-type: none"> • Nevada • New Mexico • Oregon • Utah • Washington • Wyoming 	Doug Deiman Alaska Division of Measurement Standards/CVE Phone: (907) 365-1222 Email: doug.deiman@alaska.gov	Annual Meeting: TBD

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Past Chairman

Conference	Year	Location	Chairman
1 st	1905	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
2 nd	1906	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
3 rd	1907	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
4 th	1908	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
	1909	Conference Was Not Held	
5 th	1910	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
6 th	1911	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
7 th	1912	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
8 th	1913	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
9 th	1914	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
10 th	1915	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
11 th	1916	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
	1917	Conference Was Not Held	
	1918	Conference Was Not Held	
12 th	1919	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
13 th	1920	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
14 th	1921	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
15 th	1922	Washington, D.C.	Dr. S.W. Stratton, Bureau of Standards
16 th	1923	Washington, D.C.	Dr. George Burgess, Bureau of Standards
17 th	1924	Washington, D.C.	Dr. George Burgess, Bureau of Standards
18 th	1925	Washington, D.C.	Dr. George Burgess, Bureau of Standards
19 th	1926	Washington, D.C.	Dr. George Burgess, Bureau of Standards
20 th	1927	Washington, D.C.	Dr. George Burgess, Bureau of Standards
21 st	1928	Washington, D.C.	Dr. George Burgess, Bureau of Standards
22 nd	1929	Washington, D.C.	Dr. George Burgess, Bureau of Standards
23 rd	1930	Washington, D.C.	Dr. George Burgess, Bureau of Standards
24 th	1931	Washington, D.C.	Dr. George Burgess, Bureau of Standards
	1932	Conference Was Not Held	
	1933	Conference Was Not Held	
	1934	Conference Was Not Held	
25 th	1935	Washington, D.C.	Dr. Lyman Briggs, National Bureau of Standards
26 th	1936	Washington, D.C.	Dr. Lyman Briggs, National Bureau of Standards
27 th	1937	Washington, D.C.	Dr. Lyman Briggs, National Bureau of Standards
28 th	1938	Washington, D.C.	Dr. Lyman Briggs, National Bureau of Standards
29 th	1939	Washington, D.C.	Dr. Lyman Briggs, National Bureau of Standards
30 th	1940	Washington, D.C.	Dr. Lyman Briggs, National Bureau of Standards
31 st	1941	Washington, D.C.	Dr. Lyman Briggs, National Bureau of Standards
	1942	Conference Was Not Held	
	1943	Conference Was Not Held	
	1944	Conference Was Not Held	
	1945	Conference Was Not Held	
32 nd	1946	Washington, D.C.	Dr. E.U. Condon, National Bureau of Standards
33 rd	1947	Washington, D.C.	Dr. E.U. Condon, National Bureau of Standards
	1948	Conference Was Not Held	
34 th	1949	Washington, D.C.	Dr. E.U. Condon, National Bureau of Standards
35 th	1950	Washington, D.C.	Dr. E.U. Condon, National Bureau of Standards
36 th	1951	Washington, D.C.	Dr. E.U. Condon, National Bureau of Standards
37 th	1952	Washington, D.C.	Dr. A.V. Astin, National Bureau of Standards
38 th	1953	Washington, D.C.	Dr. A.V. Astin, National Bureau of Standards
39 th	1954	Washington, D.C.	Dr. A.V. Astin, National Bureau of Standards
40 th	1955	Washington, D.C.	Dr. A.V. Astin, National Bureau of Standards

Past Chairman

Conference	Year	Location	Chairman
41 st	1956	Washington, D.C.	Dr. A.V. Astin, National Bureau of Standards
42 nd	1957	Washington, D.C.	Dr. A.V. Astin, National Bureau of Standards
43 rd	1958	Washington, D.C.	J.P. McBride, MA
44 th	1959	Washington, D.C.	C.M. Fuller, CA
45 th	1960	Washington, D.C.	H.E. Crawford, FL
46 th	1961	Washington, D.C.	R.E. Meek, IN
47 th	1962	Washington, D.C.	Robert Williams, NY
48 th	1963	Washington, D.C.	C.H. Stender, SC
49 th	1964	Washington, D.C.	D.M. Turnbull, WA
50 th	1965	Washington, D.C.	V.D. Campbell, OH
51 st	1966	Denver, CO	J.F. True, KS
52 nd	1967	Washington, D.C.	J.E. Bowen, MA
53 rd	1968	Washington, D.C.	C.C. Morgan, IN
54 th	1969	Washington, D.C.	S.H. Christie, NJ
55 th	1970	Salt Lake City, UT	R.W. Searles, OH
56 th	1971	Washington, D.C.	M. Jennings, TN
57 th	1972	Washington, D.C.	E.H. Black, CA
58 th	1973	Minneapolis, MN	George Johnson, KY
59 th	1974	Washington, D.C.	John Lewis, WA
60 th	1975	San Diego, CA	Sydney Andrews, FL
61 st	1976	Washington, D.C.	Richard Thompson, MD
62 nd	1977	Dallas, TX	Earl Prideaux, CO
63 rd	1978	Washington, D.C.	James Lyles, VA
64 th	1979	Portland, OR	Kendrick Simila, OR
65 th	1980	Washington, D.C.	Charles Vincent, TX
66 th	1981	St. Louis, MO	Edward Stadolnik, MA
67 th	1982	Atlanta, GA	Edward Heffron, MI
68 th	1983	Sacramento, CA	Charles Greene, NM
69 th	1984	Boston, MA	Sam Hindsman, AR
70 th	1985	Washington, D.C.	Ezio Delfino, CA
71 st	1986	Albuquerque, NM	George Mattimoe, HI
72 nd	1987	Little Rock, AR	Frank Nagele, MI
73 rd	1988	Grand Rapids, MI	Darrell Guensler, CA
74 th	1989	Seattle, WA	John Bartfai, NY
75 th	1990	Washington, D.C.	Fred Gerck, NM
76 th	1991	Philadelphia, PA	N. David Smith, NC
77 th	1992	Nashville, TN	Sidney Colbrook, IL
78 th	1993	Kansas City, MO	Allan Nelson, CT
79 th	1994	San Diego, CA	Thomas Geiler, MA
80 th	1995	Portland, ME	James Truex, OH
81 st	1996	New Orleans, LA	Charles Gardner, NY
82 nd	1997	Chicago, IL	Barbara Bloch, CA
83 rd	1998	Portland, OR	Steven Malone, NE
84 th	1999	Burlington, VT	Aves Thompson, AK
85 th	2000	Richmond, VA	Wes Diggs, VA
86 th	2001	Gaithersburg, MD	Louis Straub, MD
87 th	2002	Cincinnati, OH	Ronald Murdock, NC
88 th	2003	Sparks, NV	Ross Andersen, NY
89 th	2004	Pittsburg, PA	Dennis Ehrhart, AZ
90 th	2005	Orlando, FL	Wes Diggs, VA
91 st	2006	Chicago, IL	Don Onwiler, NE

Past Chairman

Conference	Year	Location	Chairman
92 nd	2007	Salt Lake City, UT	Michael Cleary, CA
93 rd	2008	Burlington, VT	Judy Cardin, WI
94 th	2009	San Antonio, TX	Jack Kane, MT
95 th	2010	St. Paul, MN	Randy Jennings, TN
96 th	2011	Missoula, MT	Tim Tyson, KS

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General Information

PURPOSE

NCWM meetings are held throughout the year to develop the national standards that are adopted by NCWM and published in *NIST Handbooks 44, 130, and 133*. At the Interim Meeting, committees will conduct Open Hearings where all attendees have a direct impact on the national standards through their testimony. Following Open Hearings, the committees will convene in work sessions to consider testimony and all other information at their disposal to further develop agenda items and determine the status of each for the Annual Meeting in July. Committees will report these decisions at the Joint Meeting on Wednesday. Items given voting status by the committees will be presented at NCWM Annual Meeting in July.

FIRST TIME ATTENDEES

All attendees who are participating for the first time are encouraged to ask NCWM staff, Chairman, board members and/or committee member's questions.

COMMITTEE REFERENCE KEY

Agenda items to be addressed by the committees are assigned reference key numbers as follows:

Reference Key	Committee
100 Series	Board of Directors (BOD)
200 Series	Laws and Regulations Committee (L&R)
300 Series	Specifications and Tolerances Committee (S&T)
400 Series	Professional Development Committee (PDC)
500 Series	National Type Evaluation Program Committee (NTEP)
800 Series	Nominating Committee

AGENDA

The subject matter listed on each standing committee's agenda will be open for discussion as noted. The committee may also take up routine or miscellaneous items brought to its attention after the preparation of this document. The committee may decide to accept items for discussion that are not listed in this document, providing they meet the criteria for exceptions as presented in Section H of the introductions to *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices, 2011 Edition*; and *NIST Handbook 130 Uniform Laws and Regulations In the Areas of Legal Metrology an Engine Fuel Quality, 2011 Edition*. The committees have not determined whether the items presented will be Voting or Informational in nature; these determinations will result from their deliberations at the Interim Meeting.

The agendas:

1. include items brought to the attention of the standing committees prior to the submission deadline of November 1, 2011, and approved for inclusion in their agendas by the committees; and
2. serve as the basis for the standing committee Interim Reports; to be printed in the program and committee reports of the *National Conference on Weights and Measures 97th Annual Meeting, NCWM Publication 16*. The final reports of the committees will be published in the *National Institute of Standards and Technology Special Publication, Report of the 97th National Conference on Weights and Measures Annual Report*, following the Annual Meeting in 2012, scheduled for July 15-19, 2012, at the Holiday Inn by the Bay, Portland, Maine.

WRITTEN COMMENTS OR ORAL STATEMENTS

Any person or organization wanting to provide a formal presentation during a committee session should make the request in writing to the Executive Director. Reasonable limitations on time allotted for presentations will be imposed. *Note: Only registered attendees may make presentations.*

National Conference on Weights and Measures
Attn: Don Onwiler, Executive Director
1135 M Street, Suite 110
Lincoln, NE 68508
(402) 434-4880
don.onwiler@ncwm.net

JOINT MEETINGS FOR ALL COMMITTEES

A Joint Meeting for all committees will be held on Sunday, January 22, and Wednesday, January 25, 2012. On Wednesday, each standing committee will highlight the major decisions made during the week, and the Nominating Committee will present its report.

PARTICIPATION

All sessions are open to registered attendees of the conference. If a committee must discuss any issue that involves proprietary information or other confidential material; that portion of the session dealing with the special issue may be closed provided that:

1. NCWM Chairman or, in his absence, the Chairman-Elect approves;
2. the Executive Director is notified; and
3. an announcement of the closed meeting is posted on or near the door to the meeting session and at the registration desk.

If at all possible, the posting will be done at least a day prior to the planned closed session. Please note that a one-day notice will not be possible if a closed meeting is called on Sunday. Since participants may make their travel reservations in order to attend technical meetings scheduled for Sunday, every effort will be made to limit any required closed meetings to only part of Sunday.

REPORTS

There will not be a transcript made of the proceedings of the Interim Meetings. Each committee will prepare its report containing its recommendations based upon the presentations, discussions, and deliberations on all matters on its agenda that were addressed during the Interim Meeting. These reports will be published in *NCWM Publication 16*, to be posted to NCWM website at www.ncwm.net in early April. Printed copies of *NCWM Publication 16* will be distributed to meeting attendees at the Annual Meeting in July.

ANNUAL MEETING

NCWM 97th Annual Meeting will be held at the Holiday Inn by the Bay, Portland, Maine, July 15-19, 2012.

UNITS OF MEASUREMENT

In keeping with the provisions of the Omnibus Trade and Competitiveness Act of 1988, which establishes the metric system as the preferred system of measurement for commerce and trade, units of the metric system have been used in this document, except where industry has not yet converted from the inch-pound system. In some instances, submitted proposals quoted in the committee agendas may appear in inch-pound units only.

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