

# THE NEW COMPONENT

## NORTHEASTERN WEIGHTS AND MEASURES ASSOCIATION

Chairperson, John McGuire, State of New Jersey Since 1972

Editor, James McEnerney - State of CT

ISSUE 48

NEWMA NEWSLETTER

MARCH 2018

### REMINDER

Registration is now open, the only way to register is **ONLINE FOR THE MEETING** the link is:

<https://newma.ncwm.net/meetings/annual/registration> This is a very easy process and you have 2 options on how to pay with your Credit Card or by mailing a check, just follow the website it will guide you. If you are paying with a check as soon as you register you will receive by email your confirmation and invoice.

For this meeting the Registration Fee amount will be \$250.00.

Website: <https://www.newma.us>

### NORTHEASTERN WEIGHTS & MEASURES ASSOCIATION OFFICERS 2017 - 2018

#### Chairperson

John McGuire - State of New Jersey

#### Vice Chairperson

Walt Remmert - Pennsylvania

#### Treasurer

James Cassidy - City of Cambridge, MA

#### Secretary

James McEnerney - State of Connecticut

#### BOARD OF DIRECTORS

James Cassidy - City of Cambridge, MA

John Gaccione - Westchester County, NY

John(Jack)Walsh-Town of Wellesley Ma.

#### STANDING COMMITTEES

##### Specifications & Tolerances

Bradford Bachelder- State of Maine

James McEnerney - State of Connecticut

Jim Willis – New York

Kevin Mikoski - Irving Oil

##### Professional Development

Mark Parquette - State of Vermont

Angel Nazario – City of Boston

Ross Andersen-New York

Bill Callaway - Crompco

##### Laws & Regulations

Lou Sakin - Town of Hopkinton, MA

Ethan Bogren- Westchester County, NY

John McGuire - State of New Jersey

Frank Greene - State of Connecticut

Rebecca Richardson - Marc IV Consulting

##### Audit

M. William Timmons - City of Medford, MA

Frank Greene - State of Connecticut

### STANDING COMMITTEES

#### Associate Member

Bill Callaway - Crompco

Gordon Johnson - Gilbarco Veeder-Root Inc.

Tom McGee - PMP Corp.

Kevin Mikoski - Irving Oil

Robert Murnane Jr. - Seraphin Test Measures

#### Nominating

James Cassidy - City of Cambridge MA

John Gaccione - Westchester County, NY

### Events

2018 NEWMA Annual Meeting

May 7 - 10

Saratoga Springs, New York

Deadline for proposals: April 23, 2018

#### Hotel Accommodations

Holiday Inn Saratoga Springs

232 Broadway

Saratoga Springs, NY 12866

P. (518) 584-4550

#### Reservations

Online Reservations: [CLICK HERE](#)

Phone Reservations: (518) 584-4550

Room Rate: \$124.00/per night + tax

Group Code: WM5

Early Bird Reservation Deadline: April 5, 2018

#### Parking

Free parking

#### NEWMA Contact

Host: James Cassidy

City of Cambridge Weights and Measures Department

831 Massachusetts Ave. Cambridge, MA 02139

P. (617) 349-6133

E. [jcassidy@cambridgema.gov](mailto:jcassidy@cambridgema.gov)

## DATES TO REMEMBER

### **103<sup>rd</sup> NCWM Annual Meeting 2018**

July 15 - 19, 2018

#### **Hyatt Regency Tulsa Hotel**

100 East 2nd Street

Tulsa, OK 74103

P. (918) 234-1234

The cut-off date for reservations is **June 22, 2018**

For online reservations: [CLICK HERE](#)

For phoned-in reservations: Call 918-582-9000

**Room Rate:** \$89.00/per night + tax

**Group Code:** NCWM

### **NEWMA Interim Meeting 2018**

October 2- 4, 2018

#### **Holiday Inn Norwich**

10 Laura Boulevard

Norwich, CT 06360

P. (860) 889-5201

The cut-off date for reservations is **August 31, 2018**

**Room Rate:** \$102.00/per night + tax

**Group Code:** NWM

### **NCWM Interim Meeting 2019**

January 13 - 16, 2019

#### **Francis Marion Hotel**

387 King Street

Charleston, SC 29403

P. (843) 722-0600

The reservation deadline is **December 20, 2018**

**Room Rate:** \$139.00/per night + tax

**Group Code:** NCWM 2019

## 2018 NEWMA TRAINING SCHOOL

### Monday, May 7, 2018

**8:00 a.m. Registration**

**8:45 a.m.** Animal / Livestock Scale Training

Mike Konyak, New York State Weights & Measures

**12:15 p.m.** Lunch

**1:30 p.m.** Update on Skimming Devices

Marc Smith, Special Agent, FBI

**3:00 p.m.** Break

**3:20 p.m.** New Technology in Weights and Measures

Taximeters Utilizing GPS Technology

Eric Morabito, NY State Weights & Measures

**5:00 p.m.** Adjourn

### Tuesday, May 8, 2018

**8:30 a.m.** Safety Topics, Focus on Hoisting Safety

Val Miller, NIST OWM

**12:30 p.m.** Lunch

**1:35 p.m.** Selection of Field Standards

Val Miller, NIST OWM

**5:00 p.m.** Adjourn

**Training School Registration Fee: \$75.00**

**Online Registration Only at:**

<https://newma.ncwm.net/meetings/training>

**Limit 25 Students**

## 2018 NEWMA Annual Meeting

### Schedule of Events

May 7 thru May 10, 2018

### Monday, May 7, 2018

**8:30 a.m. - 5:00 p.m.** Registration

**8:30 - 9:45 a.m.** NEWMA Executive Board Meeting

**10:00 a.m.** Welcome and Opening the Meeting

John McGuire, State of New Jersey, NEWMA Chair

**10:15 am** Board of Directors/NTEP Open Hearing

Jack Walsh, Town of Wellesley, MA

Jim Cassidy, City of Cambridge, MA

**10:45 a.m.** Professional Development Open Hearing

Marc Paquette, State of Vermont

**11:45 a.m.** Lunch

**1:15 p.m.** Update on Skimming Devices

Marc Smith, Special Agent, FBI

**3:15 p.m.** Break

**3:30 p.m.** S&T Committee Open Hearing

Brad Bachelder, Chair, State of Maine

**5:00 p.m.** Adjourn

## **Tuesday, May 8, 2018**

**7:45 a.m.** Morning Coffee Service  
**8:30a.m. – 1:00p.m.** Registration  
**8:30 a.m.** S&T Committee Open Hearing (cont'd)  
**9:20 a.m.** L & R Committee Open Hearing  
Lou Sakin, Chair, Towns of Hopkinton/Northbridge  
**10:00 a.m.** Break  
**11:30 a.m.** PALS updates Chris Guay, Chair of PALS  
**12:00 p.m.** Lunch  
**1:20 p.m.** Opening Ceremonies  
John McGuire, State of New Jersey, NEWMA Chair  
Richard Ball, Agriculture Commissioner-  
State of New York Department of Agriculture  
James P. Cassidy Jr., NCWM Chair  
Brett Gurney, NCWM Chair-Elect  
Tina Butcher, NIST OWM  
**2:15 p.m.** Break  
**2:30 p.m.** Scale Manufacturers Association Roundtable  
Louis Straub, Fairbanks Scales  
**3:00 p.m.** Updates on Ethanol Products  
**3:15 p.m.** Updates on Bio Fuel Products  
Rebecca Richardson, MARC IV Consulting  
**3:30 – 5:30 p.m.** Committee's Work Session

## **Wednesday, May 9, 2018**

**7:45 a.m.** Morning Coffee Service  
**8:30 a.m.** NIST Round Table  
Tina Butcher, NIST OWM  
Selection of Field Standards  
Care and Handling of Field Standards  
Val Miller-NIST OWM  
**10:00 a.m.** Break  
**10:20 a.m.** NIST Round Table (cont'd)  
Tina Butcher, NIST OWM  
Selection of Field Standards  
Care and Handling of Field Standards  
Val Miller-NIST OWM  
**12:00 p.m.** Lunch  
**1:20 p.m.** NIST Technical Session  
**2:15 p.m.** Final Committee Reports & Voting  
S&T Committee  
Brad Bachelder, Chair, State of Maine  
L & R Committee  
Lou Sakin, Chair, Towns of Hopkinton/Northbridge  
Professional Development Committee  
Marc Paquette- State of Vermont

## **Wednesday, May 9, 2018 (cont'd)**

Final Committee Reports & Voting (cont'd)  
Board of Directors/NTEP Committee  
Jack Walsh, Town of Wellesley, MA  
Jim Cassidy, City of Cambridge, MA  
**3:30 p.m.** Break  
**3:45 p.m.** Final Committee Reports & Voting (cont'd)  
**5:00 p.m.** Adjourn

## **Thursday May 10, 2018**

**7:45 a.m.** Morning Coffee Service  
**8:30 a.m.** Final Committee Reports & Voting (cont'd)  
**9:00 a.m.** NEWMA Business Meeting  
John McGuire, State of New Jersey, NEWMA Chair  
Nomination Committee  
Election of Officers and Board Members  
Appointment of New Chairman  
**11:30 a.m.** Unfinished Business  
**12:00 p.m.** Adjourn

## **Laws & Regulations Committee 2018 Interim Report**

Ethan Bogren, L&R Committee Chair, Westchester County,  
New York

The 2018 Laws & Regulations Committee Interim Agenda consisted of 30 Items. The Laws & Regulations Committee Agenda contained 5 Blocks of Items. Each block is made up of items that are considered related subject matter in which the individual items are companion to each other. During open hearings comments were heard for items contained in blocks as part of testimony for the block as a whole. On the L&R Agenda 15 items are part of a block and the remaining 15 are standalone items. Also introduced at the 2018 Interim Meeting was the "Assigned" status for agenda items. "Assigned" status allows committees to assign the development of an agenda item to a recognized subcommittee or workgroup within NCWM. Presentations and written testimony submitted to the committee are available on the NCWM website. The Fuels & Lubricants Subcommittee and the Packaging & Labeling Subcommittee both met at the Interim Meeting and reported to the L&R Committee. The L&R Committee designated the status for each of the agenda items as follows:

**Laws & Regulations Committee 2018 Interim Report**  
**(Cont'd)**

**Voting Items**

**Block 1 – Pesticide Labeling**

PAL-1 Sections 6.12 Supplementary Quantity Declarations, 6.14 Qualification of Declaration Prohibited  
12. Variations to be allowed

NET-1 Sections 1.2.2 Average Requirement, 1.4 Other Regulatory Agencies Responsible for Package Regulations and Applicable Requirements, 2.3.7.2 Average Requirement, and Appendix A. Tables – Table 1-1 “Agencies Responsible for Package Regulations and Applicable Requirements”

**Block 3 – Gasoline –Oxygenate Blends and Flex Fuel Blends**

MOS-4 Section 2.20 Gasoline-Oxygenate Blends and Section 2.30. Ethanol Flex Fuel

FLR-5 Section 3.28. EPA Labeling Requirements Also Apply and Section 3.8 Ethanol Flex Fuel

**PAL-Uniform Packaging and Labeling Regulation**

PAL-2 Section 11.8 Packaged Commodities with Labeling Requirements Specified in Federal Laws. And Appendix C. Reference Information for Packaged Commodities with Labeling Requirements Specified in Federal Laws and Regulations

**MOS-Uniform Regulation for The Method of Sale Commodities**

MOS-7 Section 1. Food Products and Section 2. Non-Food Products

MOS-8 Section 2.13. Polyethylene Products

MOS-10 Section 2.XX.- Pet Treats or Chews

**FLR-Uniform Engine Fuels and Automotive Lubricants Regulation**

FLR-9 G. Uniform Engine Fuels and Automotive Lubricants Regulation

**NET – Handbook 133**

NET-5 Appendix A: Tables 1.1. Agencies Responsible for Package Regulations and Applicable Requirements and 2.9. U.S. Department of Agriculture, Meat and Poultry, and Siluriformes Groups and Lower Limits for Individual Packages (MAVs)

**Laws & Regulations Committee 2018 Interim Report**  
**(Cont'd)**

**Assigned Items**

\*All “Assigned” Items on the L&R Agenda have been assigned to the Fuels and Lubricants Subcommittee

**Block 2 - Kerosene, LPG, And Fuels, Lubricants and Automotive Products, CNG, LNG, And DEF**

MOS-1 Section 2.9 Kerosene

FLR-1 Section 3.7 Kerosene

MOS-2 Section 2.21 Liquefied Petroleum Gas

FLR-2 Section 3.10 Liquefied Petroleum Gas

MOS-3 Sections 2.15. Solid Fuel Products, 2.16. Compressed or Liquefied Gases in Refillable Cylinders, 2.19 Kerosene, 2.20. Gasoline Oxygenate Blends, 2.21. Liquefied Petroleum Gas, 2.27. Retail Sales of Natural Gas Sold as a Vehicle Fuel, 2.30. Ethanol Flex Fuel, 2.31. Biodiesel and Biodiesel Blends, 2.32. Retail Sales of Hydrogen, 2.33. Oil, 2.34. Retail Sales of Electricity Sold as Vehicle Fuel, 2.35 Diesel Exhaust Fluid, and 2.XX Transmission Fluid

FLR-3 Section 3 Classification and Method of Sale of Petroleum Products

FLR-4 Section 1.12. Compressed Natural Gas, 1.14 Diesel Exhaust Fluid, 1.26. Gasoline Gallon Equivalent, 1.XX Diesel Gallon Equivalent, 1.36. Liquefied Natural Gas Equivalent

**Block 4 – Gasoline and Gasoline with Ethanol**

MOS-5 Section 2.20. Gasoline-Oxygenate Blends

FLR-6 Sections 1. Definitions 2.1. Gasoline and Gasoline-Oxygenate Blends, 2.7. Denatured Fuel Ethanol. 3.2. Automotive Gasoline and Automotive Gasoline-Oxygenate Blends and 4. Retail Storage Tanks and Dispenser Filters

**Block 5 – Obsolete Motor Oils**

MOS-6 Section 2.33. Motor Oil

FLR-7 Section 1.43. Motor Oil, 1.44. Racing Oil, 3.13.Oil and 7.2. Reproducibility Limits

**Developing Items**

**MOS – Uniform Regulation for the Method of Sale Commodities**

MOS-9 Electric Watthour

## Laws & Regulations Committee 2018 Interim Report

### (Cont'd)

#### Developing Items (cont'd)

##### POL – NCWM Policy Interpretations and Guidelines

POL-1 Section 2.6.17. Methods of Sale for Packages of Consumer Commodities-Federal Trade Commission and Acceptable Common or Usual Declarations for Packages of Food – Food and Drug Administration

##### NET – Handbook 133

NET-3 Section 4.XX. Softwood Lumber

NET-4 Section 4.XX. Plywood and Wood-Based Structural Panels

NET-6 Recognize the Use of Digital Density Meters

##### OTH – Other Items

OTH-1 Fuels and Lubricants Subcommittee

OTH-2 Packaging and Labeling Subcommittee

## NCWM S&T 2018 Interim Report (cont'd)

### **Block 4 items (B4) Terminology for Testing Standards**

B4: SCL-4 D N.2. Verification (Testing) Standards

B4: ABW-1 D N.2. Verification (Testing) Standards

B4: AWS-1 D N.1.3. Verification (Testing) Standards, N.3.1. Official Tests, UR.4. Testing Standards

B4: CLM-1 D N.3.2. Transfer Standard Test and T.3. On Tests Using Transfer Standards

B4: CDL-1 D N.3.2. Transfer Standard Test, T.3. On Tests Using Transfer Standards

B4: HGM-1 D N.4.1. Master Meter (Transfer) Standard Test, T.4. Tolerance Application on Test Using Transfer Standard Test Method

B4: GMM-1 D 5.56(a): N.1.1. Air Oven Reference Method Transfer Standards, N.1.3. Meter to Like-Type Meter Method Transfer Standards and 5.56(b): N.1.1. Transfer Standards, T. Tolerances<sup>1</sup>

B4: LVS-1 D N.2. Testing Standards

B4: OTH-2 D Appendix A: Fundamental Considerations, 3.2. Tolerances for Standards, 3.3. Accuracy of Standards

B4: OTH-3 D Appendix D – Definitions: fifth-wheel, official grain samples, transfer standard and Standard, Field

### **Block 5 items (B5) Define “Field Reference Standard”**

B5: CLM-2 D N.3.2. Transfer Standard Test and T.3. On Tests Using Transfer Standards

B5: CDL-2 D N.3.2. Transfer Standard Test and T.3. On Tests Using Transfer Standards

B5: HGM-2 D N.4.1. Master Meter (Transfer) Standard Test and T.4. Tolerance Application on Test Using Transfer Standard Test Method

B5: OTH-4 D Appendix D – Definitions: field reference standard meter and transfer standard

### **Block 6 items (B6) Align Vapor Elimination Requirements among Codes**

B6: LPG-1 V S.2.1. Vapor Elimination. (See related items New-17 and New-18)

B6: CLM-3 V S.2.1. Vapor Elimination.

B6: CDL-3 V S.2.1. Vapor Elimination.

## NCWM S&T 2018 Interim Report

### **Block 1 items (B1) Manifold Flush Systems**

B1: GEN-1 W G-S.2. Facilitation of Fraud.

B1: VTM-1 V S.3. Diversion of Measured Liquid and UR.2.6. Clearing the Discharge Hose

### **Block 2 items (B2) Division Size and Tolerances for In-Motion Railway Systems**

B2: SCL-1 D Table 3, Parameters for Accuracy Classes

B2: SCL-2 D T.N.3.6. Coupled-in-Motion Railroad Weighing Systems

### **Block 3 items (B3) Summing of Individual Weighing/Measuring Elements**

B3: SCL-3 W Table 3, Parameters for Accuracy Classes

B3: OTH-1 W Appendix A – Fundamental Considerations: Section 4.4. General Considerations

## NCWM S&T 2018 Interim Report (cont'd)

### **Block 7 items (B7) Address Devices & Systems Adjusted Using a Removable Digital Storage Device**

B7: GEN-2 **D** G-S.8.2. Devices and Systems Adjusted Using Removable Digital Device Storage

B7: SCL-5 **D** S.1.11. Provision for Sealing.

B7: BCS-1 **D** S.5. Provision for Sealing.

B7: ABW-2 **D** S.1.6. Provision for Sealing Adjustable Components on Electronic Devices.

B7: AWS-2 **D** S.1.3. Provision for Sealing.

B7: LMD-1 **D** S.2.2. Provision for Sealing.

B7: VTM-2 **D** S.2.2. Provision for Sealing.

B7: LPG-2 **D** S.2.2. Provision for Sealing.

B7: HGV-1 **D** S.2.2. Provision for Sealing.

B7: CLM-4 **D** S.2.5. Provision for Sealing.

B7: MLK-1 **D** S.2.3. Provision for Sealing.

B7: WTR-1 **D** S.2.1. Provision for Sealing.

B7: MFM-1 **D** S.3.5. Provision for Sealing.

B7: CDL-4 **D** S.2.5. Provision for Sealing.

B7: HGM-3 **D** S.3.3. Provision for Sealing.

B7: EVF-1 **D** S.3.3. Provision for Sealing.

B7: TIM-1 **D** S.4. Provision for Sealing.

B7: GMM-2 **D** S.2.5. Provision for Sealing.

B7: MDM-1 **D** S.1.11. Provision for Sealing.

### **GEN – General Code**

GEN-3 **Assigned Status** G-A.1. Commercial and Law-Enforcement Equipment. and G-S.2. Facilitation of Fraud.

Work with more stake holders (banks and credit card companies) on the development of the item. Comments heard questioned if the item is a weights and measures issue and if it should be a user requirement.

The Committee heard comments both in favor and opposition to the item. Comments included involving more stakeholders on the development of the item. Members also asked if the item should be considered a weights and measures issue. The Committee recommends giving this item an assigned status and requests the formation of a task group.

Stakeholders identified: Convenience store associations, meter manufacturers, retailers, petroleum marketers association, weights and measures regulators (one from each region) and a NIST technical advisor.

## NCWM S&T 2018 Interim Report (cont'd)

### **SCL – Scales**

SCL-6 **V** S.1.2.2.3. Deactivation of a “d” Resolution

SCL-7 **V** S.1.8.5. Recorded Representations, Point of Sale Systems

SCL-8 **V** Sections Throughout the Code to Include Provisions for Commercial Weigh-in-Motion Vehicle Scale Systems

### **ABW – Automatic Bulk Weighing Systems**

ABW-3 **D** A. Application, S Specifications, N. Notes, UR. User Requirements

ABW-4 **V** A. Application and Appendix D: Definitions – batching system

### **LMD – Liquid Measuring Devices**

LMD-2 **V** S.1.6.7. Recorded Representation, S.1.6.8. Recorded Representations for Transactions Where a Post-Delivery Discount(s) is Provided. and UR.3.4. Printed Ticket

### **LPG – LPG and Anhydrous Ammonia Liquid-Measuring Devices**

LPG-3 **D** S.2.5. Zero-Set-Back Interlock, Stationary and Vehicle Mounted Meters, Electronic

LPG-4 **D** N.3. Test Drafts.

LPG-5 **D** N.4.1.2. Repeatability Tests and N.4.2.4. Repeatability Tests for Type Evaluation

### **WTR – Water Meters**

WTR-2 **V** S.2.1. Provision for Sealing and Table S.2.1. Categories of Device and Methods of Sealing

### **MFM – Mass Flow Meters**

MFM-2 **D** N.3. Test Drafts.

### **TXI – Taxi Meters**

TXI-1 **V** S.1.2.2. Distance Mechanism and S.1.5.3. Distance Not Recording.

### **OTH – Other Items**

OTH-5 **D** Electric Watthour Meters Code under Development

OTH-6 **D** Appendix D – Definitions: Batch (Batching)

## 2018 NCWM Interim Meeting, Professional

### Development Committee Update

**Marc Paquette NEWMA Chair, Vermont**

The following is a summary of the report and comments received by the PDC during the 2018 Interim Meeting. All items are informational.

#### 4100-1: Professional Certification Process

The certification coordinator Mr. Ross Anderson covered updates pertaining to certificates issued by Type and State. Package Check Testing revealed an anomaly with test times in Section 1. This promoted both a review and discussion of data test points. The test points indicated a shift outside the norm of Section 1, indicating test time was increasing. The Committee chose to shift 5 minutes from the Section 2 to Section 1. The Committee is hopeful this will allow sufficient time to complete Section 1 of the Package Checking Exam. Work continues additional certification exams. Priorities had been set to complete LPG Meters, Precision Sales and Price Verification. The PDC is always looking for additional SME volunteers for all active projects. Any interested parties should contact Mr. Andersen through NCWM Headquarters at [info@ncwm.net](mailto:info@ncwm.net). The Committee also resubmitted to the Board of Directors a finalized version of the Proctoring Guidelines for final action.

#### 4100-2: Training

Ms. Tina Butcher, who was unable to attend, proffered slides (presented by Mr. Marc Paquette) which showed the attending membership a variety of training events which had been completed in 2017 and are also planned for 2018. Scheduled training is contingent on NIST OWM's budget and anyone interested in these courses should consult OWM's "Calendar of Events"

<https://www.nist.gov/pml/weights-and-measures/about-owm/calendar-events>

#### 4100- 3: Instructor Improvement

Ms. Tina Butcher's information on the Train the Trainer Program was further promoted by Mr. Paquette. NIST OWM appreciates the strong support of NCWM and the PDC. However, as was noted by PDC Chair, Lori Jacobson, the responsibility of training and safety belongs to us individually, as well.

The NIST Train the Trainer Program, the Professional Development Committee work and we as individual organizations are responsible for taking the lead, looking beyond & promoting available training and programs throughout our organizations.

## ng Professional

### ee (cont'd)

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available at:

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