



NCWM - NEWS

National Conference on Weights and Measures

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Measuring Up to the Challenge

There is an oft-used phrase claiming that "big challenges bring big opportunities." Such a proclamation can be dismissed as, simply, a sanity-saving attempt

to project a positive image while avoiding full recognition and acceptance of how dire a situation really is. Conversely, it can be embraced as a truly hopeful outlook in facing challenges, thinking in ways not previously contemplated, and working together to develop solutions, perhaps resulting in unanticipated levels of success not possible through continuing operations in the same manner, had the challenges not forced otherwise.

As I offer my first article as your new Chairman of the National Conference on Weights and Measures (NCWM), it is my hope that the latter-mentioned embracing of our collective challenges will be undertaken. A team approach, leading to opportunities to enhance our respective jurisdictional programs and business operations through cooperative efforts within the NCWM membership to publicize and gain recognition, understanding, and support for our programs, our efforts, and our mission. **Our theme for the year, "Taking Measure of Our Worth,"** is designed to accomplish just that.

Before embarking on visions to that end, let me introduce myself to those with whom I have not yet had much chance to interact. I am all but a native of California, born in Illinois, but brought to The Golden State with my family as an infant. Fast-forwarding to my career, after majoring in biology, I began working with the Los Angeles County department in 1981 as an invasive pest detection trapper and, in 1985, found myself employed in the

Weights and Measures Bureau. Like so many of us, I had little insight in those early days of the breadth and magnitude of what weights and measures activities encompass. For five years, I performed regulatory field inspections of retail scales, medium- and heavy-capacity scales, retail and wholesale fuel meters, and electric meters before supervising our Business Practices Investigations Division for the next nine years, overseeing packaged commodity inspection, labeling enforcement, weighmaster regulation, petroleum standards enforcement, scanner price verification, undercover test purchases and test sales, and whatever else presented itself. In 1999, I joined the San Diego County Department of Agriculture/Weights and Measures, ultimately becoming its Assistant Agricultural Commissioner/Sealer, until being appointed, in 2005, as the Department Head in Los Angeles County. Throughout most of those 26 years in weights and measures work, I had the opportunity to participate in, and contribute (I hope) to, constructive debate and standards development in varying roles and capacities within the Western Weights and Measures Association and NCWM.

It is now my true honor and privilege to be entrusted as Chairman of NCWM. As we are fresh on the heels of completing our Annual Meeting just over a month ago in Missoula, Montana, I am resisting the temptation to recount the numerous important issues addressed in the discussions, debates, and voting sessions, as all is available for review at the NCWM website, www.ncwm.net. As I write this article, I am also resisting in depth discussion of the many recent and very significant advancements and accomplishments of the conference and its leadership, including establishment and continuing development of the National Certification Program, implementation of the Online Position Forum, establishment of

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NTEP Committee Makes Plans to Continue and Expand VCAP

Allow me to provide a little history about Verified Conformity Assessment Program (VCAP). Since the inception of the National Type Evaluation Program (NTEP) in the 1980s, the National Conference on Weights and Measures (NCWM) has been concerned about the integrity of the certificate of conformance (CCs) issued by NTEP. NCWM wants an appropriate level of assurance that production devices traceable to NTEP CCs perform at a level equal to or better than the device that was evaluated by NTEP. Whether you prefer to label it verification that production meets type, verification that the manufacturer can produce more than the golden egg, or verification of conformity to type, the goal remained the same. After years of discussion and study, NCWM rolled out their VCAP in 2008. VCAP is the element of conformity assessment that has the largest impact on certificate holders. Certificate holders are already responsible for conformity assessment for devices manufactured, distributed and used deemed traceable to the NTEP CC and should have procedures in place to assure conformity assessment. VCAP verifies that it is occurring.

VCAP is the area of conformity assessment that applies to manufacturers of metrological devices and components, traceable to an NTEP CC, that are subject to influence factors defined in *NIST Handbook 44*. **At this point the metrological devices subject to VCAP are load cells, scale indicating elements, weighing/load receiving elements with non-NTEP load cells, complete scales, automatic weighing systems, belt-conveyor scales and automatic bulk weighing systems.** Holders of NTEP CCs (the company in the "Submitted By" box on the NTEP CC) for these weighing devices are required by NCWM *Publication 14 Administrative Policy* to have a VCAP program in place.

The initial focus of VCAP is load cells. In late 2008, load cell certificate holders were notified that they must comply with the program. The load cell CC holder is responsible for providing proof of VCAP compliance to NTEP. The CC holder is responsible for assuring a documented quality management system, meeting VCAP requirements, is in place and providing NTEP with a certification body audit report containing a clear statement of compliance with VCAP. The audit must be performed by an outside accredited auditor responsible for submitting a "Systems Audit Checklist" to NCWM. There are two checklists; one for the manufacturers and one for private label CC holders. Both checklists are available for download at www.ncwm.net.

There are a number of requirements the CC holders must assure is in place. In general they include:

1. Documented Quality Management System for the design and manufacture of the device.
2. Appropriate testing facilities and equipment to verify influence factor compliance.
3. Identification of metrologically significant components that affect the performance or operation of the device and assurance that metrological integrity is maintained.
4. Appropriate statistical methods are implemented to ensure the QA process is in control.
5. Operator's manuals and documentation for all appropriate devices and components.
6. A nonconforming material system, adequate control over subcontractors and suppliers and a corrective system to deal with nonconforming devices.
7. An engineering change system to control engineering design changes.
8. A documented data control system to control changes affecting the metrologically significant components and a production control system for changes affecting any metrologically significant component.
9. Provide training for personnel and documentation to verify training.
10. An internal self-assessment plan that is implemented.

Initially the audits must be completed and submitted to NCWM every three

years. If a CC holder fails to submit an audit report indicating compliance with VCAP before the established deadline, NCWM will declare the CC "inactive." This means that no devices manufactured after that date are considered traceable to the CC.

The NTEP Committee also made it clear that the current process in NCWM *Publication 14, Administrative Policy*, Section T, "Appeal and Review Process" would be utilized for any VCAP appeals. They also added the following bullet "A certificate holder may appeal a certificate made inactive due to non-compliance with VCAP. However, the decision of the Certification Body or VCAP auditor cannot be appealed to NCWM."

During the 2011 NCWM Annual Meeting, the committee deemed the load cell initiative successful and announced plans to move on to the next device category. They announced that **the next device category under consideration is weighing/load receiving elements, 2000 lb capacity and less using load cells that are not traceable to their own NTEP CC.** They heard comments from several manufacturers pertaining to VCAP and the next device category. The committee expects there will be additional questions and is considering the need to form a VCAP committee to discuss the issues. However, they would like to have a better understanding of the specific questions and concerns. Certificate holders and other interested parties are encouraged to submit written questions to the committee so decisions can be made regarding the need for a VCAP committee and, if needed, the make-up of the group. Once a final decision has been made a timeline for submission of the audit report will be established.

Information about VCAP including systems audit checklists, FAQs and a supporting document to guide the auditor based on FAQs are available at www.ncwm.net. If you would like to discuss the content of this article contact Jim Truex at jim.truex@ncwm.net.

— Jim Truex, NTEP Administrator

Measuring Up

continued from page 1
the NTEP Verified Conformity Assessment Program (VCAP) for load cells, and others, as these, too, can be readily investigated and/or utilized through the greatly enhanced NCWM website, where all previous newsletters, committee reports, meeting agendas, training materials, and member and resource contact information can be obtained. These and other developing services and projects reflect the great value of the work of NCWM, the benefits gained from membership, and the rewards of being involved in its activities. All of these contribute to our core mission of developing and implementing uniform and equitable weights and measures standards through a consensus building process.

My focus, daunting as I am only beginning to realize, is **what MORE we can do together to meet and overcome the "big challenges" and discover the "big opportunities" to address the "dire situation"** mentioned at the opening of this writing; that being the declining fiscal resources that many of us have experienced in our operations and limited recognition of the value of our work by the public, the industries we serve and regulate, and the legislators and governmental leaders who make determinations regarding funding and support for our programs within our respective jurisdictions back home.

As I stated in my acceptance speech just weeks ago, "This body does great work, important work, and has done so for over 100 years. Together with our associate members, industry partners, and many stakeholders, we work diligently and passionately to develop appropriate, meaningful, effective standards and procedures for the benefit of all in the marketplace. But, if we don't have the resources to implement those procedures, to enforce the standards, and to monitor compliance in the marketplace, all the standards in the world have little meaning and limited impact. We need to do a better job in explaining our worth and that of the work that we do."

Over the past year, as I have traveled as Chairman-Elect to regional meetings

and spoken with many of you there and at NCWM meetings, an all-too-constant theme of discussion has been the reduction of funding, the loss of positions, the inability to procure needed equipment, the imposition of furloughs, and other challenges and cutbacks to resources. As the administrator of our program here in Los Angeles County, I can fully empathize, as I have been consumed all year in dealing with budget issues at the local and state level, fighting proposed reductions, and struggling with maintaining or trying to enhance revenue streams. At those same meetings, I missed the opportunity to speak with many of you who simply could not attend due to travel restrictions, evidenced by representation of only 31 states at the July meeting in Montana.

With that very lengthy and regrettably negative introduction, I wish to focus back on the "opportunity" part of this message. With the challenges we all recognize, we should also recognize the opportunity to pool the valuable thoughts and ideas we individually have to advertise and explain the value of our various programs and activities to the businesses, the consumers, and the marketplaces that we serve. I concede that I do not have all the answers or awareness of the best approaches to accomplishing such a goal, but I am committed to thinking about how best to develop materials and compile statistics that we can all use to tell our story, to educate our legislators, and to encourage our local consumers and business operators to back our efforts to secure additional support for weights and measures programs. Moreover, I am supremely confident in the great wealth of knowledge and creativity of our members, and wish to seek any and all input from you in pursuing this goal. I hope to see NCWM develop as not only a critical resource in developing standards, but also in providing new tools and resources to use back home in promoting our individual agencies and enhancing our services.

I have begun to investigate and review past efforts to gather and compile data to quantify and demonstrate the value of our collective work, but am finding

that much more is needed. We can all surmise that adequate funding, staffing, and inspection frequencies - whether in device, package, or price verification inspection or any other regulatory field - affect compliance rates and program effectiveness, but definitive data is critical to presenting convincing arguments. I am interested in hearing of all such local efforts to aid in developing means to collect and present such information on a national scale.

To our associate members, your membership and dedicated participation in the work of NCWM demonstrates a sincere belief in the value of weights and measures standards development and field regulatory activities in the marketing of your products and the ability to compete fairly. We need your input into how to quantify that value, with industry statistics and "insider" commentary, to illustrate the benefits gained through cooperative efforts between regulators and the "regulated."

Finally, I seek suggestions on developing visual, graphic materials to effectively present statistical data and regulatory program descriptions that can be generically produced but distributed for customization by local jurisdictions to effectively tell your story.

I look forward to working with our Executive Director, Don Onwiler, with Carol Hockert, Chief of the Weights and Measures Division of NIST, and all who are interested in overcoming our challenges by taking the opportunity to work together.

Please feel free to share your thoughts and suggestions with me: kflorenc@acwm.lacounty.gov



— Kurt Floren, NCWM Chairman

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- Calculates SEL and Standard Deviation
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- Calculates conversion factors for volume inspections
- Calculates Cost Error, Average Error, Average Cost Error % Error



Device Inspection

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Another Successful Annual Meeting



Thank you to all who participated in the 96th National Conference on Weights and Measures (NCWM) Annual Meeting in Missoula Montana this past July. After all these years, I am still amazed by the commitment and effort of so many people to help our organization meet its mission. With all that we hear every day about politics and impasses, it is refreshing to witness a system that still works; where all interests come together to solve problems and set standards.

To start out the week, we had concurrent meetings on Sunday afternoon. One was the Fuels and Lubricants (FALS) Subcommittee consisting of experts who develop items for the Laws and Regulations Committee (L&R). FALS has been a work horse for many years and continued in that tradition this year.

Also meeting on Sunday was the Printer Ink and Toner Cartridge Task Group. They also report to L&R. This is a task group of regulatory officials and industry. Their task is to develop method of sale or labeling requirements that would enable price and quantity comparisons for consumers. When their work is complete, the task group will forward recommendations to amend *NIST Handbook 130*.

The third meeting was the Task Group on Retail Motor Fuel Dispenser Price Posting and Computing Capabilities. This group has been working tirelessly throughout the year with monthly web meetings. They are charged with addressing price posting and computing as it relates to the diverse marketing and advertising practices in the motor fuel industry. The task group expects to have recommendations this fall for consideration by the Specifications and

Tolerances (S&T) Committee to amend *NIST Handbook 44*.

Former NCWM Chairman and Montana Administrator, Jack Kane gave an entertaining welcome speech on Tuesday morning. This was followed by the Honorary President's Address from Dr. Charles Romine, Acting Principle Director for Laboratory Programs at NIST. Dr. Romine discussed the impact of recent NIST reorganization while reaffirming NIST's commitment to support NCWM and the weights and measures community. The final speech came from NCWM Chairman Tim Tyson, Director of Kansas Department of Agriculture / Weights and Measures Division. Tim has provided solid leadership to NCWM this past year in his calm and deliberate manner.

There were many awards and recognitions to close out the morning, including recognition of Charles Carroll of Massachusetts for 30 years of attendance. See the article in this newsletter titled Special Awards for more on award recipients.

With all the hard work taking place, there had to be some time for fun. The Sunday evening Chairman's Reception was well attended and provided a great opportunity for connecting. Wednesday night was a relaxing evening at Dunrovin Ranch which offered horseback riding, hat making, and roping lessons as well as country music and an extraordinary meal. Montana at its best!

The primary purpose of the Annual Meeting is a culmination of work that occurred throughout the year at the regional meetings and at NCWM to develop the United States weights

and measures standards. S&T cleared much of their carryover agenda with the adoption of a number of items. Here is the list of items adopted into *NIST Handbook 44*:

General Code

- 310-1: Provision for Sealing Electronic Components
- 310-3: G-A.6. Nonretroactive Requirements (Remanufactured Equipment)

Scales Code:

- 320-2: T.N.4.7. Creep Recovery for Load Cells

Belt-Conveyor Scale Systems Code:

- 321-1: N.2.1.2. Check for Consistency of the Conveyor along its Entire Length

Vehicle Tank Meters Code:

- 331-1: S.2.6. Thermometer Well Determination

Water Meters Code:

- 336-1: Appendix D – Definition of Utility-Type Meters

Farm Milk Tanks Code:

- 342-1: N.5.1. Verification of Master Metering Systems

L&R removed the voting status of some items, making them informational for more development and saw several other voting items returned to the committee due to split vote. The following item was adopted into *NIST Handbook 130*:

Method of Sale Regulation:

- 323-3: Section 1.7.2. Pelletized Ice Cream

In addition to the carryover items for next year, we have received many new proposals. These will be addressed at the regional meetings this fall. Please see the calendar of events in this newsletter for dates and locations. Regional reports will be reflected in *NCWM Publication 15* and national deliberation resumes at the NCWM Interim Meeting January 22-25, 2012 in New Orleans, Louisiana, hope to see you there!

— Don Onwiler, Executive Director

Voting Record of the 96th Annual Meeting

Presented here is the voting record of the 96th Annual Meeting of the National Conference on Weights and Measures, held July 17-21, 2011 in Missoula, Montana. The results are organized by Committee and Item Number. For specific details of each item, please refer to *NCWM Publication 16* and Committee Addendum Sheets. For your convenience, these documents are available on our website at www.ncwm.net.

Board of Directors

Item	House of Representatives	House of Delegates	Result
Consent Calendar	Voice Vote	Voice Vote	Adopted
100-6			
100-7			
100-8			
To Accept the Report	Voice Vote	Voice Vote	Adopted

Laws and Regulations Committee

Item	House of Representatives	House of Delegates	Result
232-3	Yea: 31 / Nay: 0	Yea: 32 / Nay: 0	Adopted
232-4	Yea: 22 / Nay: 7	Yea: 23 / Nay: 9	Returned to Committee
237-2	Committee Amended Status to Informational Prior to Vote		Returned to Committee
237-6	Yea: 20 / Nay: 8	Yea: 22 / Nay: 10	Returned to Committee
260-3	Yea: 17 / Nay: 11	Yea: 26 / Nay: 4	Returned to Committee
To Accept the Report	Voice Vote	Voice Vote	Adopted

Specifications and Tolerances Committee

Item	House of Representatives	House of Delegates	Result
Consent Calendar	Voice Vote	Voice Vote	Adopted
310-1			
310-3			
320-2			
321-1			
331-1			
336-1			
342-1			
To Accept the Report	Voice Vote	Voice Vote	Adopted

Professional Development Committee

Item	House of Representatives	House of Delegates	Result
To Accept the Report	Voice Vote	Voice Vote	Adopted

National Type Evaluation Program Committee

Item	House of Representatives	House of Delegates	Result
To Accept the Report	Voice Vote	Voice Vote	Adopted

Nominating Committee

Item	House of Representatives	House of Delegates	Result
To Elect the Slate	Voice Vote	Voice Vote	Adopted

Incident Reports Improve Safety

The last thing a busy administrator wants is more paperwork but when it comes to safety, a standard incident/accident investigation report might be the most indispensable piece of red tape on a manager's desk. Having a standard form to investigate incidents and accidents can not only help you evaluate the effectiveness of your safety program, it might even lead to its improvement. Quantifying the types of injuries which occur, along with the hazardous conditions, unsafe acts, and contributing factors which caused them will identify the equipment, policy and program changes you need to avoid even more onerous paperwork such as worker's compensation claims and legal statements.

Every safety incident, whether it is a near-miss or an actual injury, is first and foremost a unique occurrence which happened to a unique individual or group of individuals. A good form will first have a section which allows the specific details of the incident to be recorded for future reference when dealing with injury claims. A really good form will be designed for easy "sanitation" – removal of identifying names and identifying features so that the form can be reviewed by your safety committee and others without compromising employee privacy.

After the specifics have been dealt with, the form should start categorizing the incident for later pattern analysis. Injury types, hazardous conditions, unsafe acts and contributing factors can easily be categorized and then quantified over time to identify strengths and weaknesses in a safety program. The form should allow all contributing factors that apply to be selected. In most cases more than one will apply. For example, a person may have been horsing around as well as failing to lock/block their machine, and both actions contributed to the incident. OSHA guidelines and worker's comp codes are often a good place to start when first deciding what categories to put under each heading. Over time you will be able to modify the categories to reflect the types of incidents which occur most frequently in your workplace.

Typical injury types include:

- Soft tissue injuries (sprains, strains, etc.)
- Eye injuries
- Burns
- Vehicle related injuries
- Slips, trips, and falls
- Cuts, bruises and abrasions
- Chemical exposures
- Loss of body parts
- None (incident was a near miss)
- Other (add a space to describe)



Hazardous conditions are dangers which exist in the area surrounding the incident, which were out of the control of the people involved, and which contributed to the incident:

- Defective materials and equipment
- Slippery conditions and poor footing
- Personal protective gear unavailable
- Inadequate clearance
- Inadequate lifting aids
- Electrical hazards
- Natural hazards
- Improper design or construction
- Improper or inadequate clothing
- Inability to secure/warn or lock/block
- Inadequate ventilation
- Hazardous methods or procedures
- Chemical hazards
- Traffic hazards
- Other (add a space to describe)

Unsafe acts are those actions by the employee(s) which contributed to the incident. They differ from hazardous conditions in that they are within the employee(s) control.

- Improper lifting
- Failure to shut-off or unplug equipment
- Improper use of equipment
- Improper use of body parts
- Inattention to footing or surroundings
- Failure to use personal protective equipment
- Horseplay
- Failure to secure/warn or lock/block
- Using hands instead of tools (sub-

category of improper use of body parts but common enough to rate its own category)

- Altering or disabling safety mechanisms
- Unsafe speed
- Unsafe posture
- Unsafe mixing of materials
- Unsafe placement of equipment or materials
- Standing beneath suspended loads
- Driving errors
- Other (add a space to describe)

Other contributing factors are usually programmatic influences under the control of supervisors and managers:

- Lack of policy or procedures
- Lack of hazard identification in the workplace
- Insufficient employee training
- Inadequate supervision
- Unrealistic schedules
- No enforcement of safety rules
- Failure to provide personal protective equipment
- Insufficient supervisor training
- Inadequate workplace inspection
- Poor process design

One area which is often overlooked when reviewing safety incidents is recording the things which were done correctly which mitigated the severity of the incident. Design your form so that it also captures the conditions, actions and contributing factors which were done correctly if you wish to document the strengths of your program as well as its weaknesses.

Document the action you take as a result of this incident. Chances are that someone took immediate action at the time of the incident to prevent further injury. Don't stop there. Identify specific actions you will take to prevent future incidents of this type and then follow through. Once a hazard has been identified the best way to eliminate it is to engineer it out if possible. If not, then policies, procedures, protective equipment, and education are your other options. Use your safety committee to review incidents regularly and make sure that preventative actions you have identified are completed.

Last but not least, remember that you

want to encourage incident reports in order to prevent accidents in the first place. If employees are reluctant or afraid to report near misses, then it will take an injury for you to get any

information about the hazards present in your workplace. Reward people for bringing hazards to your attention. It might mean you do a little bit more paperwork now, but it also might save

you from the really nasty paperwork later.

— Julie Quinn
Minnesota Weights and Measures Division

Make Your Nominations for NCWM Awards



Throughout the history of the National Conference on Weights and Measures (NCWM), many people generously contributed their time and talents to our mission. These individuals hail from state, local and federal government, as well as private industry. They have provided leadership, insight, expertise, training, and much more for the sake of equity in the market place.

Three special awards have been established so that NCWM's membership can properly thank such professionals. The NCWM Special Awards are:

- Award for Contribution
- Award of Distinguished Service
- Lifetime Achievement Award

The qualifications for these awards vary, but the spirit remains the same. NCWM succeeds through the participation of its members and the outstanding efforts of some very special people. The recipients are truly worthy of our gratitude for their

dedicated contributions, service, and achievement.

Nominations are to be submitted to the Awards Subcommittee by December 31 of each calendar year for awards to be presented the following July at the NCWM Annual Meeting. **To submit your nominee, simply go to www.ncwm.net/content/awards.** There, you will find a description of each award and a simple form for electronically submitting your nomination directly to the Awards Subcommittee Chair.

Technical and Training Topics for 2012 NCWM Annual Meeting

One of the charges of the Professional Development Committee (PDC) is to present the National Conference on Weights and Measures (NCWM) Chairman with a list of recommended topics for technical presentations at our Annual Meetings. The committee creates the list at our Interim meeting in January, so now is the time to submit your suggestions. The list of suggested topics as well as topics that have been presented in the recent past are included in *NCWM Publications 15* and *16* and the *NCWM Annual Report* as part of the PDC agendas and reports.

The following recommended topics are carried over from the PDC's 2011 Annual Report:

- Marketplace Surveys
- Alternative Fuels (Fuel Volatility Issues and Ethanol Blending, and biodiesel blend issues)
- Ergonomics (including Proper Lifting Techniques, Back and Stress Techniques and Office Ergonomics)

- Public Relations, specifically dealing with aggressive/angry people (SWMA recommendation)
- General Safety Issues (WWMA recommendation)
- Defensive Driving (WWMA recommendation)
- Administrative Civil Penalty Process (WWMA recommendation)
- Price Verification (WWMA recommendation)
- Customer Service (WWMA recommendation)
- Ethics (CWMA recommendation)
- Moisture Loss
- Economic Justification of Weights and Measures Programs
- Demonstrating the Value of Enforcement Programs
- Training the Trainer in Adult Learning Methods
- Emerging Issues

Suggestions can be submitted in various ways, but we recommend that you simply go to our website and fill

out the quick and easy online form at www.ncwm.net/content/tech-topics. You can also submit suggestions to your regional PDC association this fall.

These sessions could be in a training format, a roundtable discussion, a panel discussion, or whatever format you suggest. Topics can be technical or administrative in nature. The important consideration is that it is a timely topic that will draw interest in participation.

All presentations and papers from our technical sessions are posted in the meetings archives on our website for future reference.

NCWM Special Awards

In 2010 our Board of Directors established a formal set of awards to recognize our members who contribute in special ways. Those awards were presented for the first time this year at the 96th Annual Meeting in Missoula, Montana. It was clear by the quality of people who were presented with recognition this year that the creation of special awards was long overdue. Many others before them and still among them are also deserving.

Congratulations to all the award recipients and thank you on behalf of the membership of the National Conference on Weights and Measures (NCWM). There are three categories of awards, Contributions, Distinguished Service and Lifetime Achievement. **The NCWM Contributions Award. This award recognizes members that have made notable contributions to NCWM standards, policy, administrative support, or other services deemed worthy of recognition. Recipients have been NCWM members for at least five years.** 2011 recipients were:

- **Jonelle Brent**, Bureau Chief, Illinois Department of Agriculture for her combined efforts on the Laws and Regulations Committee and the

Fuels and Lubricants Subcommittee.

- **Vicky Dempsey**, Chief Inspector, Montgomery County Weights and Measures, Ohio for her unshakable and lengthy term of leadership on the Laws and Regulations Committee through difficult issues.
- **Doug Hutchinson**, Senior Program Officer, at Measurement Canada for his many years of service as Canadian Advisor to the Laws and Regulations Committee and Multiple Dimension Measuring Devices Working Group.
- **Kristin Macey**, Director, California Division of Measurement Standards for her efforts in the success of the U.S. National Working Group on Hydrogen Measurement Standards.

The second category is the **NCWM Distinguished Service Award. This award recognizes members that have made a long-term commitment of service and leadership to the NCWM. Recipients have made significant contributions to the enhancement of the organization as a whole through committee service, important contributions to standards**

development, served as a resource for knowledge, and advanced the vision and mission of NCWM. The list of recipients is impressive and represents the long overdue need for such recognition. The vast contributions and leadership of these individuals is too lengthy for this newsletter. Each and every one of them is most deserving of recognition.

- **Ross Andersen**, Retired Administrator, New York Bureau of Weights and Measures
- **William Braun**, Retired Consultant, formerly Procter and Gamble, Co.
- **Judy Cardin**, Chief, Wisconsin Weights and Measures
- **Thomas Geiler**, Director, Barnstable Weights and Measures, Massachusetts
- **Darrell Flocken**, Quality and Compliance Manager, Mettler-Toledo, Inc.
- **Maxwell Gray**, Bureau Chief, Florida Department of Agriculture and Consumer Services

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Left to right: Steven Malone and NCWM Chairman Tim Tyson

Malone Receives NCWM Lifetime Achievement Award

This year's recipient joined the Marine Corps following high school and served his country in Vietnam from 1969 to 1970. He left the Corps in 1971 as a Sergeant E-5. In 1972 he went to work as a gas pump inspector when gas cost 24 cents a gallon. Three months later, he was placed in charge of a newly created LP gas meter inspection program. The next year, he was named the Weights and Measures Program Administrator. As he put it, "I was overheard mouthing off about how things would be done if I were in charge and a guy said, 'I have a job for you.'" In 1979, he left state employment to start up his own service agency, servicing

all types of meters. In 1983, he was enticed to sell his successful business and return again to administer the weights and measures program, a position he held the rest of his career. He served seven governors and 11 Directors of Agriculture. He initiated a package inspection program after conducting a state survey that revealed an average shortage of 1/4 lb per package in meat cases across the state. He successfully built and raised the level of his state program.

His service record to NCWM extends from 1976 to 2011 including service on the Resolutions Committee, two terms on the Education, Administrative and Consumer Affairs Committee,

the National Measurement Policy and Coordination Committee, the Task force on Prevention of Fraud, many years on the Nominating Committee, several terms on the Executive Committee, later to be the Board of Directors, several terms on the NTEP Board of Governors, later to be the NTEP Committee, he has served as a Vice-Chairman, NCWM Chairman, NTEP Committee Chairman, and numerous other working groups and task forces. He provided leadership through many difficult transitions of the organization; in forming a corporation, assuming NTEP administration, and securing NTEP administrative services. In addition, he had the honor of serving several years on the prestigious NIST Visitors Committee.

He retired from weights and measures in January, 2011. NCWM was proud to present the Lifetime Achievement Award to Steve Malone.

A message from Mr. Malone:

I would like all NCWM members to know how much I appreciate the honor of receiving the National Conference on Weights and Measures Lifetime Achievement Award. This is a very humbling honor, as there are so many members of NCWM that deserve this recognition

for their dedication to the workings of the Conference.

I understand that the honor of receiving the Lifetime Achievement Award is only possible by the many efforts of all past and present conference participants, as no one person can obtain such achievement without the help of others.

My years of active membership with NCWM provided me the opportunity to learn and understand the issues from a national perspective which made me a better weights and measure official and administrator for the Nebraska Weights and Measures Program. NCWM was so valuable in helping me build professional relationships, which made dealing with regulatory issue much easier and more constructive. Many of these professional relationships have grown into personal friendships, which I truly value.

I know the NCWM membership will continue to build the Conference and work to maintain equity in these difficult times. I'm so honored to receive this award!

— Steve Malone Retired, Weights and Measures

Looking Ahead...

The National Conference on Weights and Measures (NCWM) will soon be celebrating our 100th Annual Meeting. This will occur in the year 2015. Although that may seem to be some far off date, planning for this special event has already begun. A special committee comprised of board members and staff has been designated and will be meeting to decide how NCWM can make this noteworthy milestone a meeting to remember.

Because the most important aspect of any meeting is the attendees, we would like your ideas and suggestions about how to make this meeting memorable. Right now

we are considering Washington DC and Boston/Quincy as two locations but we are willing to listen to other ideas. We would also like suggestions on speakers, education topics, memorabilia, and how to make the special event a unique and unforgettable evening.

Our committee will be meeting in January at the Interim Meeting so please send your suggestions before then to shari.tretheway@ncwm.net.

— Shari Tretheway
NCWM Office Manager

'11 - '12 NCWM Board of Directors

CHAIRMAN

Kurt Floren

Agricultural Commissioner
Director of Weights and Measures
Los Angeles County Agricultural Commissioner
Weights and Measures

CHAIR - ELECT

Stephen Benjamin

Director Standards Division
North Carolina Department of Agriculture and
Consumer Services

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Director
Kansas Department of Agriculture
Weights and Measures Division

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Terence McBride

Manager
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TBD

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John Gaccione

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Westchester County New York

AT-LARGE

Stephen Langford

Vice President of Engineering Services
Cardinal Scale Manufacturing Company

ASSOCIATE MEMBERSHIP

Gordon Johnson

Manager Regulatory Engineering
Gilbarco, Inc.

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Carol Hockett

Chief
NIST, Weights and Measures Division

NCWM EXECUTIVE DIRECTOR

Don Onwiler

National Conference on Weights and
Measures

ADVISORY

Gilles Vinet

Vice President
Measurement Canada

NTEP ADMINISTRATOR

Jim Truex

National Conference on Weights and
Measures

NCWM Welcomes New Members (5/9/11 - 9/9/11)

Tim Ackerman

Missouri Department of Agriculture

Erineo Ada

LA County Agriculture Commissioner / Weights and Measures

William Adams

Industrial Iron Works

Jeffrey Adkisson

Grain and Feed Association of Illinois

Gezu Amano

LA County Agriculture Commissioner / Weights and Measures

Mason Anderson

Missouri Department of Agriculture

Marco Anzo

Artech Industries

Roger Auffet

Missouri Department of Agriculture

Jill Bach

Epson America, Inc.

Scott Bantam

Nebraska Division of Weights and Measures

Don Beagle

99¢ Only Stores

Erich Breedlove

Bec Consulting

Geoff Burch

LA County Agriculture Commissioner / Weights and Measures

Al Castille

Louisiana Department of Agriculture and Forestry

JT Celani

Davis Airtech, Inc.

Kevin Chesnutwood

NIST, Weights and Measures Division

Eric Cheung

Ryco Equipment

Constantine Cotsoradis

Management and Government Affairs Consulting

Diane Dahlke

Minnesota Weights and Measures Division

Patrick Dehaan

GasBuddy Organization, Inc.

Scott Dolan

Vermont Agency of Agriculture, Food and Markets

Everett Duty

BuyBackPro, Inc.

Lauren Eckert

LA County Agriculture Commissioner / Weights and Measures

James Ferguson

Missouri Department of Agriculture

Francis Fernandez

LA County Agriculture Commissioner / Weights and Measures

David Flannery

Maine Department of Agriculture

Steve Galvan

Michigan Department of Agriculture and Rural Development

Mariela Garcia

LA County Agriculture Commissioner / Weights and Measures

John Gaynor

Missouri Department of Agriculture

Bill Geubelle

Conoco Phillips

Dan Golen

Minnesota Weights and Measures Division

Tracy Goodman

Missouri Department of Agriculture

Alan Gore

Compac Sorting Equipment, Ltd.

Robert Grayless

Washington State Patrol

Jason Greenfield

Easy Automation, Inc.

Philip Hamlett

Missouri Department of Agriculture

Alan Harold

Stark County Auditor's Office

Beatrix Hartaine Kiraly

Avis Ignis USA, LLC

Jim Hartman

LA County Agriculture Commissioner / Weights and Measures

Donnie Hawkins

Coti Global Sensors, Inc.

Yazmin Hermosillo

LA County Agriculture Commissioner / Weights and Measures

Dale Hinken

Missouri Department of Agriculture

Darrel Hoover

Louisiana Department of Agriculture and Forestry

Andriy Hos

LA County Agriculture Commissioner / Weights and Measures

Jennifer Hunter

Madison County

Sharon James

Franklin County Auditor

Jennifer Jamison

Missouri Department of Agriculture

Christopher Jendralski

Scalet USA

Bilan Jessie

Louisiana Department of Agriculture and Forestry

Jennifer Jln

LA County Agriculture Commissioner / Weights and Measures

David Jones

Nevada Division of Measurement Standards

Linda Khuu

LA County Agriculture Commissioner / Weights and Measures

Franklin LaRue

Louisiana Department of Agriculture and Forestry

Rob Linton

EveryWeigh

Mark Lovisa

Louisiana Department of Agriculture and Forestry

Nick Marck

ANSC

Gregor Mason

LA County Agriculture Commissioner / Weights and Measures

Cynthia Medeles

Sunoco Logistics Partners, L.P.

Gregory Menchov

IGEM Corporation

Joshua Moody

Louisiana Department of Agriculture and Forestry

Terry Moreland

Missouri Department of Agriculture

Chris Moultrie

Radiant Systems

Paul Muhammad

Missouri Department of Agriculture

Tim Musick

Missouri Department of Agriculture

Benjamin Nnadi

LA County Agriculture Commissioner / Weights and Measures

MaryAnne Nolan

LA County Agriculture Commissioner / Weights and Measures

Rick Norris

Missouri Department of Agriculture

Emmanuel Ofiabulu

LA County Agriculture Commissioner / Weights and Measures

Barnaby Ofori

Champaign County Auditor's Office

Brad Olson

Minnesota Weights and Measures Division

Brian Pender

Interstate Metal and Alloy, LLC

Gregory Perry

Louisiana Department of Agriculture and Forestry

Scott Piersall

Core Computing Solutions

John Rebant

J&S Scales, Inc.

Ernest Roggelin

Pinellas County Health Department

Henry Sacco

Brother International Corporation

Gil Martin Saura

LA County Agriculture Commissioner / Weights and Measures

Ron Soy

MayorSoft, Inc.

Richard Scali

Town of Barnstable

John Schaa

Franklin County Auditor

Martin Settevendemie

San Luis Obispo County Weights and Measures

Geoffrey Sharp

Brown County Auditor

Joey Smith

Louisiana Department of Agriculture and Forestry

Brandon Snider

Missouri Department of Agriculture

Karin Soper

State of New Hampshire, Division of Weights and Measures

Scott Sowder

Monroe County Department of Weights and Measures

Scott Stuhr

EBM Construction

Phu Sy

LA County Agriculture Commissioner / Weights and Measures

Katherine Takata

LA County Agriculture Commissioner / Weights and Measures

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Mutual Recognition Agreement Renewed for Another Five Years

Since 1994, the National Type Evaluation Program (NTEP) and Measurement Canada have entered into Mutual Recognition Agreements (MRAs). These MRAs give each program the ability to accept test data from the other for certain types of devices for the purpose of issuing type evaluation certification. In the United States the certification is called a Certificate of Conformance and in Canada it is referred to as a Notice of Approval. The result is that it provides much more efficient access to Canada / United States markets for equipment manufactures.

The original MRA for weighing devices has expanded over time and a second MRA was added later. Both MRA's were set to expire in July, 2011. On Tuesday, July 19, 2011, NCWM Chairman Tim Tyson and Measurement Canada President Alan Johnston signed a new MRA that combined both previous agreements into one. This was an important moment

that symbolized the commitment between Canada and the United States to work with each other for the sake of industries doing business in North America.

The scope of the MRA includes:

- gasoline and diesel dispensers
- high-speed dispensers
- gasoline and diesel meters intended to be used in fuel dispensers and truck refuelers
- electronic computing and non-computing bench, counter, floor, and platform scales with a capacity up to 1000 kg (2000 lb)
- weighing/load receiving elements with a capacity of up to 1000 kg (2000 lb)
- electronic weight indicating elements (except those that are software based, i.e., programmed by downloading parameters)
- mechanical scales up to 10 000 kg (20 000 lb)

Some areas of expansion that have been discussed leading into the renewed agreement include higher capacity scales and multiple dimension measuring devices. However, technical obstacles remain and these expansions were not included at this time. NTEP also requested that test conducted at the manufacturer's premises under the supervision of an NTEP evaluator be included in the scope of the MRA. Measurement Canada has requested that these evaluations remain outside the scope for scales, load-receiving elements, and electronic weight indicators.

The NTEP Committee and Measurement Canada continue to consider possible expansion of the scope of the new MRA which is set to expire in 5 years. It may be amended prior to that time by agreement of Measurement Canada and NCWM.

Awards

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- **Robert Murnane**, President, Seraphin Test Measure, Co.
- **Henry Oppermann**, Consultant, Weights and Measures Consulting, LLC, formerly NIST
- **Thomas Stabler**, Retired, Stabler Training Services, formerly NIST
- **Gilles Vinet**, Vice President of Program Development, Measurement Canada

The final category of award is the **NCWM Lifetime Achievement Award**. **Only one of these awards may be given each year. Recipients have been NCWM members for over 10 years and are well-known and highly regarded for their integrity and leadership over many years. They have inspired confidence through unbiased input that their only motivation is the improvement of the organization and our work. They have displayed sound decision-making capabilities, communication skills, and**

tolerance for the views of others. Unlike the other awards, this award was given for the second time this year. This year's deserving recipient is; Steven Malone, Retired Administrator, Nebraska Weights and Measures Division.

Congratulations to all the award recipients and thank you on behalf of the membership of NCWM.

NEW NCWM Officials and Committee Members

The success of the National Conference on Weights and Measures (NCWM) is the result of the dedication, commitment to our mission and tireless efforts many individual members. The following members were elected or appointed by the NCWM Chairman at the 96th NCWM Annual Meeting:

Chairman-Elect: Stephen Benjamin
North Carolina Department of Agriculture and Consumer Services

Treasure: Mark Coyne
City of Brockton, Massachusetts

Active Membership - Southern: Terence McBride
Memphis, Tennessee
At-Large: John Gaccione
Westchester County, New York

Laws and Regulations Committee:
Richard Lewis
Georgia Department of Agriculture

Louis Sakin
Town of Hopkinton, Massachusetts

Professional Development Committee:
Kristin Macey
California Division of Measurement Standards

Specifications and Tolerances Committee:
Alex Smith
Town of Barnstable, Massachusetts

2011 - 2012 Event Calendar

September 2011



Central Interim Meeting (CWMA)

Cedar Rapids, Iowa — Marriott Cedar Rapids

Contact Vicky Dempsey P. 937.225.6309
E. dempseyv@mcchio.org W. www.cwma.net



Western Annual Meeting (WWMA)

San Luis Obispo, California — Embassy Suites San Luis Obispo

Contact Brett Saum P. 805.781.5922
E. bsaum@co.slo.ca.us W. www.westernwma.org

October 2011



Northeastern Interim Meeting (NEWMA)

Norwich, Connecticut — Marriott Courtyard, Norwich

Contact James Cassidy P. 617.349.6133
E. jcassidy@cambridgema.gov W. www.newma.us



NTETC Measuring Sector Meeting

Norfolk, Virginia — Marriott Norfolk Waterside

Contact NCWM P. 402.434.4880
E. info@ncwm.net W. www.ncwm.net



Southern Annual Meeting (SWMA)

Norfolk, Virginia — Marriott Norfolk Waterside

Contact Dale Saunders P. 804.786.2476
E. dale.saunders@vdacs.virginia.gov W. www.swma.org

January 2012



NCWM Interim Meeting

New Orleans, Louisiana — Hotel Monteleone

Contact NCWM P. 402.434.4880
E. info@ncwm.net W. www.ncwm.net

May 2012



Northeastern Annual Meeting (NEWMA)

Seekonk, Massachusetts — Location TBD

Contact James Cassidy P. 617.349.6133
E. jcassidy@cambridgema.gov W. www.newma.us



Central Annual Meeting (CWMA)

Cedar Rapids, Iowa — Marriott Cedar Rapids

Contact Vicky Dempsey P. 937.225.6309
E. dempseyv@mcchio.org W. www.cwma.net

July 2012



NCWM Annual Meeting

Portland, Maine — Holiday Inn By the Bay

Contact NCWM P. 402.434.4880
E. info@ncwm.net W. www.ncwm.net

New Members

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Jason Timmons

Louisiana Department of Agriculture and Forestry

Chris Tourdot

Wisconsin Department of Agriculture and Consumer Protection

David Tsuchiyama

LA County Agriculture Commissioner / Weights and Measures

Anne L Uy

LA County Agriculture Commissioner / Weights and Measures

Anuradha Vaid

LA County Agriculture Commissioner / Weights and Measures

Huy Young

LA County Agriculture Commissioner / Weights and Measures

Kenneth Walsh

Interweigh Systems, Inc.

Robert Weible

Missouri Department of Agriculture

Jason Wheatley

Wheatley Scale Service, Inc.

Craig Wilson

Florida Department of Transportation

Michelle Wright

Michelle Wright Consulting, LLC

Stacie Ybarra

ISDA Bureau of Weights and Measures

Erin Zavala

LA County Agriculture Commissioner / Weights and Measures

Trent Ziebarth

Minnesota Weights and Measures Division



E-Form: Sent Via Your email **Mail:** 1135 M Street, Suite 110 / Lincoln, NE 68508 **P.** 402.434.4880 **F.** 402.434.4878

Check One: ☐ NCWM Member ☐ Non-Member ☐ Retired Member ☐ Observer

Retired Member: A person who has retired member status, and the same voting privileges as Associate Members.

Observer: A first-time attendee, with no voting rights and will pay additional fees associated with special events.

Member ID #:	Name:	Name for Badge:		
Organization / Jurisdiction:		Title:		
Street Address:				
City:		State:	Zip Code:	Country:
Phone Number:	Email Address (Required):			

Name:	Name for Badge:
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	NCWM Member	Non-Member	Retired Member	Observer	Guest
Before December 23, 2011	\$175.00	\$250.00	\$0.00	\$100.00	N/A
After December 23, 2011	\$225.00	\$300.00	\$0.00	\$150.00	N/A

	NCWM Member	Non-Member	Retired Member	Observer	Guest
Chairman's Reception	\$0.00	\$0.00	\$0.00	\$35.00/person	\$35.00/person

Will You Be Attending the Chairman's Reception: ☐ Yes ☐ No Will Your Guest Be Attending the Chairman's Reception: ☐ Yes ☐ No

<input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover <input type="checkbox"/> American Express <input type="checkbox"/> Check Enclosed (made payable to NCWM)																										
Account Number:																Exp. Date:					Security Code:					
Billing Address:																				Zip Code:						
Name on Card:																Total Amount Enclosed: \$										

Cancellations received by December 23, 2011 are subject to a 15% cancellation fee. Cancellations received after December 23, 2011 are subject to a 50% cancellation fee. No refunds will be given after the event has commenced. In the case of a state-declared natural emergency a full refund will be issued. Refund requests due to personal medical emergencies shall be considered based on documentation. In such instances, a full refund may be issued. Refunds will only be made on registration fees paid to the National Conference on Weights and Measures.

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96TH ANNUAL MEETING HIGHLIGHTS

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