



NCWM - NEWS

National Conference on Weights and Measures

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NCWM Headquarters

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

P. 402.434.4880

F. 402.434.4878

E. info@ncwm.net

W. www.ncwm.net

Don Onwiler Executive Director

Jim Truex NTEP Administrator

Shari Tretheway Office Manager

Lindsay Hier Project Coordinator

Chairman's Column

Tim Tyson — Kansas Department of Agriculture
Weights and Measures Division

Educating Today for Tomorrow

I am excited about the NCWM theme for this year, "Educating Today for Tomorrow." We are building a foundation to make the NCWM more efficient and effective in the future. Many projects and training have or will start this year. These projects include a new committee member handbook, new committee and committee chair training, board of director's orientation for new members, and the start of our certification program.

The new committee handbook is complete and was distributed at our annual meeting. **The handbook is a reference guide to committee member roles and responsibilities.** It will help answer questions that new committee members may have and it will be a reference manual for the committee Chair. Thank you Don and the NCWM staff for your work on the handbooks.

Training for new committee members and committee chairs will supplement the handbooks. We hope to have the training before the 2011 Interim meeting. The Board is considering two options for training. The first is to have the training at NIST where technical advisors are available. This would provide an opportunity for new member's to interact with and understand NIST technical advisors roles. The training would be one and a half days, 12 hours. The second option is to have the training at the 2011 Interim meeting site before the Conference. This option decreases travel but limits the training to 4 hours. Both options will be discussed at the next Board meeting.

Each year the Board reviews the efficiency and effectiveness of the Conference. This year, we noticed that new Board members needed time to come up to speed with the policies of the Board as well as issues facing the Conference. This leads to

longer hours in Board meetings as well as learning on the go by the new members. In order to resolve this inefficiency, an orientation for new Board members has been established. Don and I developed an outline and materials for this new program. During the week of September 23rd, the new Board members, Don, NCWM staff, and I met in Lincoln, Nebraska at the headquarters for the first orientation. We covered policies, history, current issues, bylaws, responsibilities and other items the Board deals with on a continuing basis in one and one half days. The orientation went well and was a foundation for new members to become active and more effective at future Board meetings. I look forward to serving on the Board with the new members.

The NCWM Certification Program is set to begin on-line. The first test will be for Retail Motor Fuel Devices. The PDC has worked hard to accomplish this task. This is the first test of many that will be developed in the future. As we all become NCWM certified, my hope is that everyone uses the electronic training materials that are on the website in our e-library. By utilizing the tools we have available, we will become more knowledgeable in Weights and Measures.

The new committee handbooks, the new committee member and committee chair training, the new Board orientation, and the NCWM Certification Program will allow us to become more efficient and effective as an organization. The training today, will have many benefits for the Conference tomorrow. If you have any questions or would like to comment on any of these items, you can email me at tim.tyson@kda.ks.gov. I hope to see everyone at the 2011 Interim meeting in Dallas, Texas.



As we know from previous NCWM–News publications, the Verified Conformity Assessment Program (VCAP) is the area of conformity assessment that applies to manufacturers of metrological devices and components, traceable to an NTEP Certificate of Conformance (CC), that are subject to influence factors defined in *NIST handbook 44*. At this time the primary focus of VCAP is load cells. Holders of NTEP certificates (the company in the "Submitted by" box on the NTEP CC) for load cells are required by *NCWM Publication 14 Administrative Policy* to have a VCAP program in place. Load cell certificate holders of the parent NTEP CC, which is usually the original manufacturer, have been 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 for meeting VCAP requirements is in place and for providing NTEP with a certification body audit report containing a clear statement of compliance with VCAP. VCAP for the manufacturers holding a certificate for a type of load cell is progressing as expected.

It is now time for holders of active private label NTEP load cell certificates to submit a VCAP audit report to NCWM/NTEP. A private label certificate holder is defined as – "A company that is marketing a device (e.g. scale, indicator, or load cell) from a manufacturer and relabeling it under its own name..." Before a private label certificate is issued, NTEP must have assurance that the original manufacturer (e.g. holder of the parent NTEP certificate) has agreed to private label the device for the company and make no changes to the device other than the ID label markings. In simple terms, a private label certificate must be traceable to an active parent NTEP certificate.

"Verified Conformity Assessment - Load Cell Private Label Certificate Holders"

Several private label certificate holders have requested clarification of the VCAP requirements they must meet. The NCWM Board of Directors and NTEP Committee realize that private label certificate holders do not manufacture, design, or engineer the devices. Therefore, the VCAP requirements and checklist for manufacturers are more extensive than the checklist for private label certificate holders.

In 2010, NCWM revised requirements for private label CC holder audits and auditors. A new checklist for private label certificate holders was developed and distributed. The requirements for the Certification Body and VCAP auditor were changed to require an "ISO auditor." The selected auditor must be an outside auditor (e.g. not an employee of the certificate holder) and shall be accredited to the ISO 9001:2000 standard for providing audits and certifications of management systems.

In addition, text has been added to the checklist stating, "Private label certificate holders are not required to submit devices for testing, on-site or elsewhere. The private label certificate holder is required to verify that the parent certificate holder has complied with VCAP requirements, has a current VCAP audit certificate, the VCAP certification is traceable back to the parent NTEP certificate and the parent NTEP certificate is active."

What is required from a private label certificate holder? In general, the CC holder must:

1. Select an outside ISO auditor accredited for providing audits and certifications of management systems.
2. Provide proof the private label CC is traceable to an active parent CC.
3. Provide records showing the supplier has a current VCAP audit meeting applicable requirements.

4. Provide purchase and sales records for the auditor verifying that no other supplier is providing the product listed on the private label NTEP certificate.
5. Assist the auditor to confirm that the supplier's (parent CC holder's) sales records agree with the private label CC holder's purchasing records.
6. Have a plan in place to report non-conforming load cells to the supplier and a plan to address non-conforming devices already in their stock.
7. Have a plan in place to conduct internal audits to verify non-conformance action.
8. Keep internal audit records for review at the auditor's discretion.
9. The ISO auditor must provide NCWM with a clear statement of compliance.

Please note that the NCWM Board recently made decisions that affect Private Label NTEP Load Cell certificate holders and manufacturers of NTEP Load Cell certificate holders. The Board extended the time line by six months for both "Manufacturer" and "Private Label" NTEP load cell certificate holders. VCAP Audit Reports for manufacturers with load cell certificates were due no later than June 30, 2010. VCAP Audit Reports for private label certificate holders are now due no later than November 30, 2010. NTEP will review all incoming audit reports. Private label load cell CC holders failing to comply with the VCAP requirements will have their certificates of conformance declared inactive. If through the verified conformity assessment process it is found that production devices simply do not meet type, the NTEP certificate may be withdrawn.

Please refer to the NCWM website at www.ncwm.net/content/vcap for more information about VCAP.

— Jim Truex, NTEP Administrator

National Conference on Weights and Measures / National Type Evaluation Program VCAP Systems Audit Checklist For Private Label Certificate Holders



Many NTEP Certified devices must meet *NIST Handbook 44* requirements for influence factors. It is not possible to verify these requirements during the initial verification in the field. Therefore, manufacturers of metrological devices/instruments and/or components/modules which are subject to influence factors, as defined in *NIST Handbook 44*, must have a Verified Conformity Assessment Program (VCAP) in place to ensure that these metrological devices/instruments and/or components/modules are produced to perform at a level consistent with that of the device and/or component previously certified.

The VCAP audit will be at one or more sites as required to verify compliance. For weighing devices that are subject to influence factors, NTEP will require an initial on-site audit of the manufacturer's quality system and on-site random testing and/or review of a production device(s)/instrument(s) by the register to verify that all items listed below are currently implemented and functioning to verify compliance to the appropriate sections of *NIST Handbook 44*. **Private label certificate holders are not required to submit devices for testing, on-site or elsewhere.** The private label certificate holder is required to verify that the parent certificate holder has complied with VCAP requirements, has a current VCAP audit certificate, the VCAP certification is traceable back to the parent NTEP certificate and the parent NTEP certificate is active.

The selected Certification Body shall be accredited to the ISO 9001: 2000 standard (or later) for providing audits and certifications of management systems.

Devices That Must Meet This Requirement Are Limited To:

1. Load Cell (T.N.8.)
2. Indicating Element (T.N.8.)
3. Weighing/Load Receiving Elements with Non-NTEP Load Cells (T.N.8.)
4. Complete Scales (T.N.8.)
5. Automatic Weighing Systems (T.7.)
6. Belt-Conveyor Scales (T.3.)
7. Automatic Bulk Weighing Systems (T.7.)

NOTES:

1) The NTEP CC holder has the right to appeal to the National Conference on Weights and Measures if a VCAP certificate has been withdrawn due to the results of the on-site audit. 2) The NTEP CC holder shall take corrective action within 90 days of non-conformances cited during the on-site audit. It shall be determined during the audit whether a follow up audit is needed or a review of objective evidence is necessary to close any non-conformances.

| GENERAL INFORMATION | | | |
|--|---|----------------------------------|----------|
| Date of Audit: | Audit Type: <input type="checkbox"/> Internal (self-assessment) <input type="checkbox"/> Surveillance (certification body) | Name and Affiliation of Auditor: | |
| AUDIT CHECKLIST Note: Include supporting evidence if required. If not, explain in the comments column. | | | |
| REQUIREMENT | YES | NO | COMMENTS |
| 1. Is the private label certificate holder's NTEP certificate traceable back to a parent certificate holder and an active NTEP certificate? | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. Are records available to show the private label certificate holder has confirmed that the supplier has a current VCAP audit meeting applicable requirements | <input type="checkbox"/> | <input type="checkbox"/> | |
| 3. Do the private label certificate holder's purchase and sales records verify that no other supplier is providing the product listed on the NTEP certificate? | <input type="checkbox"/> | <input type="checkbox"/> | |
| 4. Do the supplier's sales records agree with the private label certificate holder's purchasing records? | <input type="checkbox"/> | <input type="checkbox"/> | |
| 5. Does the private label certificate holder have a plan in place to report non-conformance to the supplier? | <input type="checkbox"/> | <input type="checkbox"/> | |
| 6. Does the private label certificate holder have a plan in place to address non-conforming devices already sold or in stock? | <input type="checkbox"/> | <input type="checkbox"/> | |
| 7. Does the private label certificate holder have a plan in place to conduct internal audits to verify non-conformance action? | <input type="checkbox"/> | <input type="checkbox"/> | |
| 8. Do internal audit records exist? | <input type="checkbox"/> | <input type="checkbox"/> | |
| RESULTS | | | |
| Corrective Action Required? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Preventive Action Required? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Audit Findings: | | | |

Submit VCAP Audit Reports to NCWM:
1135 M Street, Suite 110 / Lincoln, Nebraska 68508
P. 402.434.4880 F. 402.434.4878 E. info@ncwm.net W. www.ncwm.net

One Tool: # 1 Inspection Software

WinWam Software

There is only one Software product that addresses all of your Weights & Measures Inspection needs. That tool is WinWam Software.

WinWam Software is a collection of four powerful modules, which can be purchased separately or together. All of the Weights & Measure modules have been built to perform inspections in accordance with NIST regulations.

One Tool and # 1 Inspection Software. WinWam is the most widely used Weights & Measures inspection software on the market. Currently, twenty-seven (27) states have purchased WinWam, along with numerous county and city governments.



Package Checking

WinWam Package Checking Software is designed for W&M officials and quality assurance professionals to perform standard and random inspections in accordance with NIST Handbook 133. WinWam Package Checking Software guides you through the inspection process. Error, MAV, Cost Error are calculated for each test. Color displays allow easy identification of Pass Fail or Gray Areas. Some of the features include:

- Category A & B Sampling Plans
- Automatically Calculates MAV's Normal USDA Standard, USDA Fluid, Bark Mulch, Polyethylene Sheeting
- Allow variations due to moisture loss
- Calculates SEL and Standard Deviation
- Dynamically calculates Rc/Rt for tare
- Calculates conversion factors for volume inspections
- Calculates Cost Error, Average Error, Average Cost Error % Error



Device Inspection

WinWam Device Inspection Software is designed to perform and record Handbook 44 inspections. WinWam Device Inspection Software supports all devices specified in Handbook 44 including but not limited to: scales, (apothecary, computing, livestock, shipping, vehicles, etc.) meters, LP Gas, LMD, linear devices, timing devices, etc. Whether acceptance or maintenance WinWam calculates tolerances for nearly all tests.

WinWam Device Inspection Software provides a comprehensive database of business establishments with a complete inventory of devices. Full detail inspection data allows management the ability to better measure economic impact of the W&M program.

Price Verification

WinWam Price Verification Software is designed in accordance with NIST Handbook 130. The Software runs standalone or with a handheld scanner. Software calculates error, lot cost error, net dollar error and calculates Over / Under Ratio. Accommodates Intentional Under-charge and Not On File.

Hypertext Handbooks

Hypertext Handbooks are a collection of on-line reference manuals in which the user can view government regulations, search on a particular topic and print any part of the handbook with the touch of a button.

2009 Hypertext Handbooks available now!

Nover Engelstein & Associates, Inc. Developers and sole source providers of WinWam Software

3000 Atrium Way, Suite 2203 Mount Laurel NJ 08054

phone: (856) 273-6988 web-site: www.winwam.com e-mail: sales@winwam.com

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

Issue: How much direct involvement, and information should the retail fuel customer have when dispensing fuel?

Weights and Measures officials conducting inspections of Retail Motor Fuel Dispensers (RFMD's) are responsible for ensuring these devices meet certain specification and user requirements in *NIST Handbook 44*, section 3.30. Specifically to this discussion, one of these requirements concerns the display of unit prices. Paragraph S.1.6.4.1 (b) requires that "Whenever a grade, brand, blend, or mixture is offered for sale from a device at more than one unit price, then all of the unit prices at which that product is offered for sale shall be displayed or shall be capable of being displayed on the dispenser using controls available to the customer prior to the delivery of the product. It is not necessary that all of the unit prices for all grades, brands, blends, or mixtures to be simultaneously displayed prior to the delivery of the product..."

This paragraph clearly requires that, prior to pumping fuel, the customer must be able to see on the dispenser the unit price they will pay.

Another requirement is found in paragraph S.1.6.5.4., which states "... when a product or grade is offered for sale at more than one unit price through a computing device, the selection of the unit price shall be made prior to delivery using controls on the device or other customer activated controls."

This paragraph indicates that the customer must be able to select for themselves, at or around the pump, the unit price they will be paying.

One does not have to travel too far to find retail fueling stations that are not fully compliant with these requirements. Frequent shopper discounts, club member discounts, car washes, and other kinds of discounting schemes often do not allow for the actual unit price to be displayed on the dispenser. Console operators may be responsible for selecting the grade, the method of

payment, and ultimately the unit price, rather than the customer directly.

Much of the inconsistency in compliance with these requirements has to do with older dispensers having less computing capability than newer models. The combination of a proliferation of marketing schemes and RFMD's with widely varying computing capabilities has led to complaints of unfair and inconsistent enforcement.

Beginning in 2007, regional weights and measures associations reported concerns regarding these problems. Several associations expressed support for the creation of a work group to develop possible changes to the code to allow flexibility to marketers while ensuring that the buyers have adequate information regarding unit price and method of sale.

A Work Group was formed in July, 2008. Little progress was made by the group due to NIST funding constraints. At the 2009 Interim Meeting, NCWM Chair Randy Jennings asked the Specifications and Tolerances Committee (S&T) Chair to appoint voting members of the NCWM to posts of Chair and Vice Chair of a new task group. On May 27, 2010, Jeff Humphreys was appointed task group Chair, and Fran Elson-Houston was appointed Vice Chair. Juana Williams will continue as the NIST/ WMD advisor.

The task group will be submitting a Work Plan to the S&T Committee Chair and to the NCWM Chair in early September. The plan outlines the goals and objectives, and time lines for the group. The first goal is to have in place by September 30, a group of 12-15 people to be the working body of the group. They will represent weights and measures jurisdictions, meter manufacturers, and trade associations.

Due to there being no travel budget specifically assigned to the task group, meetings during 2010 and 2011 will be held via conference calls, webinars, and at the NCWM Interim Meeting.

The ultimate objective of the task group is to provide the Chair of the NCWM S&T Committee, on or before July 10, 2011, proposed language that will best resolve fuel retailer competition problems while providing adequate consumer protection.

Those wanting to contribute their ideas or time should contact the following:
Jeff Humphreys, Chair
(562) 622-0404
jhumphreys@acwm.lacounty.gov

Fran Elson-Houston, Co-Chair
(614) 728-6290
houston@agri.ohio.gov

Juana Williams, NIST
(301) 975-3989
juana.williams@nist.gov

— Jeff Humphreys
Los Angeles County Agricultural
Commissioner / Weights and Measures

Sources of Safety Training and Training Materials

As a safety trainer or safety facilitator (probably a better title for what I do) it is often a challenge to come up with new and interesting material. The people I arrange training for are tired of watching dry Right-to-Know videos. Besides training that is interesting, it is also important to provide training that is pertinent to weights and measures officials. Due to the unique and diverse nature of our work this is often not easy to do. Following are three sources that I have had significant success with.

Staff within your own department:
One of our staff is a volunteer fire fighter and provides training on fire extinguishers. We had done this training ourselves in the past but always in the classroom with a computer projector. At one of our schools we asked this staff member to bring a dozen or so filled fire extinguishers. Although almost all of our attendees had received training on fire extinguishers in the past many had never actually used one. We were able to set some small controlled fires outside

the building under the supervision of a fire fighter and have everyone put out a real fire.

U.S. Chemical Safety Board (CSB) (www.csb.gov): This website has some of the best safety videos I have ever seen and they are downloadable free of charge. One of the things that make these videos so good is how they use detailed animations to explain hazardous situations. If you visit the site I highly recommend "Half an Hour to Tragedy" which describes a propane explosion at a gas station convenience store. All of our Specialists have seen this video and overwhelmingly they have told me it is one of the most poignant ones I have shown. You can also fill out a short request form and they will send you a free DVD with all their videos. Hint if you are playing the video from your laptop: Bring a set of computer speakers to obtain better sound.

Other Agencies within your State:
At our last school I asked a Department

of Environmental Conservation (DEC) officer to present a class on spill response. He went over various types of spills and when weights and measures should call in DEC. He showed pictures of leaking retail motor fuel dispensers and fill ports filled with gasoline/water mixtures. These were the types of things that officials could relate to and the class was a great success.

Weights and measures officials face a wide variety of safety hazards including hazardous materials, static electricity, heavy equipment, confined spaces, tall ladders, etc. The best way to keep safety at the forefront of official's minds is for someone to keep pushing the safety message through safety training. So good luck to all you safety trainers and keep the message going!

— Mike Sikula
New York Bureau of Weights and Measures

Special NCWM Awards Established

Throughout the long and rich history of NCWM, many people generously contributed their time and talents to our mission. These individuals hale 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. They are 1) Award for Contribution, 2) Award for Distinguished Service, and 3) Lifetime Achievement Award. The qualifications for these awards vary, but the spirit for all is the same. NCWM succeeds through the participation of all and the outstanding efforts of some very special people. The recipients are truly worthy of our gratitude for their dedicated contributions, service, and achievement.

Those of you who were in attendance at our Annual Meeting in July 2010 witnessed the first presentation of one of these awards. Mr. Otto Warnlof received the NCWM Lifetime Achievement Award in recognition of his 60 years service to weights and measures. Please see page 11 of this newsletter for more on the presentation to Mr. Warnlof.

An Awards Subcommittee has been formed and will report to the Board of Directors. The subcommittee will receive recommendations from membership, make their own recommendations if they so choose, and develop and submit nominations to the Board for final selection.

The Awards Subcommittee is chaired by the most recent past NTEP Committee Chair because of this person's recent leadership roles in NCWM on the Board of Directors. The subcommittee includes

one Active member from each of the four regional associations and two Associate members. The chair of the subcommittee will make appointments as necessary according to those criteria and will ensure that no person serves a term longer than 5 consecutive years.

Nominations that are submitted from general membership need to be submitted to the Awards Subcommittee by December 31 of each calendar year. The subcommittee will meet either during the NCWM Interim Meeting or via conference call to develop final nominations for Board consideration. More information about the new NCWM special awards is available on our website at www.ncwm.net/content/awards. There you will also find instructions for submitting your nominations to the Awards Subcommittee.

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Ready or Not, It's Here: Social Networking for Businesses

Looking back 7 or 8 years I promised myself I would never text, it was ridiculous in my opinion and I didn't see the need to text when I could call. Now, I rarely use my phone to call someone; I text them. It's short, it's sweet and it's to the point.

Not long ago social networking and all the buzz words associated with it such as Wiki's, Facebook, Tweets, and Blogs were a technology that I was sure I could live without and I'm sure many of you still feel the same way. Now, I'm jumping on the social networking bandwagon along with every other business that desires inexpensive, time efficient and interactive means of building awareness about who they are and what they do.

Some of you already utilize this technology on a daily bases to stay connected. Others have heard the talk about some of these resources but aren't quite sold on the concept or may even be hesitant to use it because it seems too complicated or time consuming. No matter what your level of comfort, this technology is not going away. Pick up any business magazine and there will be numerous articles testifying to that fact. It's time to embrace it and take advantage of the benefits it has to offer.

The National Conference on Weights and Measures (NCWM) has already begun its venture into Facebook, LinkedIn and Twitter and we intend to branch out into Wiki's in the near future. We are excited to think that we now have the ability to more readily communicate with members, all the while expanding our contact with those who may not have heard of us otherwise.

With the hope of getting you to share in our excitement, I wanted to briefly describe the products that we will begin utilizing. After a bit of familiarization, each application is extremely user friendly. The best approach is to jump in and learn as you go.



Facebook: A social networking website with more than 500 million active users. After creating an account, users can add people as friends and send them messages, and update their personal profiles to notify friends about themselves.

Each Facebook profile has a "wall," where friends can post comments. Since the wall is viewable by all the user's friends, wall postings are basically a public conversation.

Facebook provides an easy way for friends to keep in touch and for individuals to have a presence on the Web without needing to build a website.

Facebook features that may interest you include:

- Marketplace - allows members to post, read and respond to classified ads.
- Groups - allows members who have common interests to find each other and interact.
- Events - allows members to publicize an event, invite guests and track who plans to attend.
- Pages - allows members to create and promote a public page built around a specific topic.
- Presence technology - allows members to see which contacts are online and chat.

Facebook offers a range of privacy options to its members. A member can make all communications visible to everyone, they can block specific connections or they can keep all communications private. Members can choose whether or not to be searchable, decide which parts of their profile are public, decide what not to put in their newsfeed and determine exactly who can see their posts. For those members who wish to use Facebook to communicate privately, there is a message feature, which closely resembles email.

It is important to note that NCWM will

use Facebook and all resources solely for the purposes of networking and dispersing information. **It is not intended as a forum for technical items.**



LinkedIn: LinkedIn is the world's largest professional network with over 75 million members. LinkedIn is similar

to Facebook in the fact that you create a custom profile and are able to easily communicate with numerous contacts by updating or adding to your profile. The difference is that LinkedIn is designed for business professionals and is business-oriented rather than personal.

By posting a profile that summarizes your professional expertise and accomplishments you can join groups where professionals discuss topics related to your area of interest. Your network would consist of your connections. You are then able to view each of your connection's connections. You can ask for introductions to anyone by a common connection. Your network grows in this way increasing your ability to collaborate, share and find like-minded professionals.

LinkedIn is free to join and mobile applications allow you to stay current with your network wherever you are. Join us on LinkedIn at: www.linkedin.com/in/weightsmeasures



Twitter: A social networking and microblogging service. In order to use Twitter, you must first sign up for a free account.

Once you have created your account, you can post your own updates and view the updates others have posted. You can search for people to follow or you can let Twitter select random users. Once you have selected a number of users, their most recent posts, or "tweets," will show up on your Twitter home page. Likewise, your own latest tweets will show up on the home pages of people who have decided to follow you.

Twitter limits each tweet to 140 characters, which means there is no

room for rambling. Of course, in this era of limited attention spans, 140 characters may be as much as other users want to read anyway. The character limit is also within the 160 character limit of SMS text messages. This is useful, since tweets can be sent to Twitter using mobile phones. To Twitter via your cell phone, you simply need to add your phone number in the "Devices" area of the Twitter Settings page.

After establishing a Twitter account at www.twitter.com, individuals can import their e-mail addresses as well as use the Twitter search to locate and invite people. Tweets can be made public and sent to anyone requesting the feed, or they can be sent only to approved followers.

A Wiki: is a website that allows the easy creation and editing of any number of interlinked web pages via a user's own web browser. This is made possible by Wiki software that runs on the Web server. Wikis end up being created mainly by a collaborative effort of the site visitors. A great example of a large wiki is the Wikipedia, a free encyclopedia in many languages that anyone can edit.

A Wiki would allow NCWM to post a link

to the annual meeting and a member could then post that they will be in attendance. NCWM could provide a list of restaurants and local guides for upcoming meetings and an individual could add a recommendation to the list. NCWM could post a link to an article of interest and in turn users could post an article that gives additional information regarding the subject. The varied uses of this forum are extensive.



RSS Feeds: RSS is referred to as Really Simple Syndication.

RSS feeds allow subscribers to receive timely updates from their favorite news source or websites. You will soon be able to go to our website and find a RSS icon. By clicking on the icon you will initiate the subscription to the NCWM feed. NCWM updates will then be sent to a feed reader. The reader can be web-based such as a hotmail account, desktop-based such as Microsoft Outlook or a mobile-device-based.

As you read through the highlights of each product, it's easy to discern that the key advantage for NCWM is getting information out quickly to a much larger audience with no incurred expense. The advantage to you is access to

information quickly, the ability to include additional information, and a means of networking outside of your current contacts.

Ready or not, social networking for businesses has established itself as a prominent and growing means of communication. NCWM doesn't want to miss out and we don't want you to miss out either. You can start today.

Follow us on Twitter at:

www.twitter.com/WeightsMeasures

Join us on Facebook at:

www.facebook.com/WeightsMeasures

Join us on LinkedIn at:

www.linkedin.com/in/weightsmeasures

Links to each account will soon be available at www.ncwm.net. NCWM intends to host short demonstrations on the various forms of social networking during our future meetings.

— Shari Tretheway
NCWM Office Manager

Special NCWM Awards

continued from page 7

Thank you to immediate past Chairman Randy Jennings of Tennessee for bringing this long-overdue idea to the forefront. He worked with the Board of Directors to develop the criteria for the awards and a system for nomination and selection. We also thank Judy Cardin of Wisconsin for serving as the first Chair of the Awards Subcommittee. The special awards are described as follows:

Award for Contribution

This award recognizes members that have made notable contributions to the development of NCWM standards, policy, administrative support, or other services deemed worthy of recognition. The recipient will have been a member of the NCWM for at least five (5) years.

Award of Distinguished Service

This award recognizes members that have made a long-term commitment of service and leadership to the NCWM. The recipient will have been a member of the NCWM for at least ten (10) years, and 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, promoted the vision for the NCWM, or other long-term commitments that have advanced the mission of the NCWM.

Lifetime Achievement Award

This award recognizes members that are well-known and highly regarded for their outstanding performance and contributions to the NCWM. No more than one (1) award can be granted annually. The recipient will have been a member of the NCWM for at least ten

(10) years. Nominees will be considered based on the following characteristics:

Integrity: Their contributions are based on unbiased input in such a manner that members are confident that the only motivation is for the improvement the organization and our work products.

Leadership: Their contribution in leading NCWM Committees, Sub-Committees, Sectors, Task Forces, Ad Hoc Assignments, work as Appointive Officials, or other displays of leadership that have advanced the NCWM toward becoming an overall better organization. The individual selected for this award will have displayed sound decision making capabilities, communication skills, motivational skills, and a tolerance for the views of others.

— Don Onwiler
Executive Director

Voting Record of the 95th Annual Meeting

Presented here is the voting record of the 95th Annual Meeting of the National Conference on Weights and Measures, held July 11-15, 2010 in St. Paul, Minnesota. 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 |
|----------------------|--------------------------|--------------------|---------|
| 100-7 | Yea: 94 / Nay: 0 | Yea: 94 / Nay: 0 | Adopted |
| 100-8 | Voice Vote | Voice Vote | Adopted |
| To Accept the Report | Voice Vote | Voice Vote | Adopted |

Laws and Regulations Committee

| Item | House of Representatives | House of Delegates | Result |
|----------------------|--------------------------|--------------------|-----------------------|
| 232-1 | Yea: 34 / Nay: 0 | Yea: 46 / Nay: 0 | Adopted |
| 232-2 | Yea: 34 / Nay: 0 | Yea: 47 / Nay: 0 | Adopted |
| 232-3 | Yea: 31 / Nay: 0 | Yea: 42 / Nay: 0 | Adopted |
| 232-6 | Yea: 32 / Nay: 2 | Yea: 37 / Nay: 3 | Adopted |
| 260-1 | Yea: 28 / Nay: 5 | Yea: 44 / Nay: 2 | Adopted |
| 260-2 | Yea: 30 / Nay: 4 | Yea: 39 / Nay: 3 | Adopted |
| 260-6 | Yea: 21 / Nay: 10 | Yea: 25 / Nay: 11 | 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 | Yea: 33 / Nay: 0 | Yea: 46 / Nay: 0 | Adopted |
| 320-4 | | | |
| 331-1 | | | |
| 336-2 | | | |
| 336-3 | | | |
| 320-2 | Yea: 34 / Nay: 0 | Yea: 48 / Nay: 0 | Adopted |
| 320-3 | Yea: 34 / Nay: 0 | Yea: 48 / Nay: 0 | Adopted |
| 322-1 | Yea: 34 / Nay: 0 | Yea: 47 / Nay: 0 | Adopted |
| 324-1 | Yea: 34 / Nay: 0 | Yea: 46 / Nay: 0 | Adopted |
| 360-1 | Yea: 33 / Nay: 0 | Yea: 45 / Nay: 0 | Adopted |
| To Accept the Report | Voice Vote | Voice Vote | Adopted |

Professional Development Committee

| Item | House of Representatives | House of Delegates | Result |
|----------------------|--------------------------|--------------------|---------|
| To Accept the Report | Yea: 32 / Nay: 0 | Yea: 43 / Nay: 0 | 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 |



Left to right: NIST Director, Dr. Patrick Gallagher, Otto Warnlof and NCWM Chairman Randy Jennings

Warnlof Receives NCWM Lifetime Achievement Award

At the 95th NCWM Annual Meeting in St. Paul, Minnesota, attendees had the wonderful opportunity to recognize one of Minnesota's native sons, Otto Warnlof as the 2010 recipient of the NCWM Lifetime Achievement Award. Otto was born at Bethesda Hospital, only about 12 blocks from our Annual Meeting location. After high school, Otto proudly served his country in the U.S. Army Air Corps. He returned home and completed his education at the University of Minnesota.

In 1950, he went to work for the Minnesota Department of Weights and Measures. His excellent work there was recognized and in 1967 he was hired to work for the National Bureau of Standards (NIST), Office of Weights and Measures. He remained there until his "retirement" in 1988. Otto's idea of retirement did not mean leaving his life's work. He remained active in the Standards Management Program with responsibilities in the International Organization of Legal Metrology (OIML) until 1997. To this day, Otto is active in the International Society

of Weights and Measures, providing training for the ISWM certification program.

Some say Otto wrote the book, referring to *NIST Handbook 44*. Indeed, Otto played an important role in much of the Handbook's content. Many today will contact Otto to draw on his vast knowledge of the standards. It is always a pleasure to have him in attendance at our meetings. Coincidentally, our Wednesday evening outing to the Wabasha Caves in St. Paul was an opportunity for him to revisit a childhood play site. Otto said he and his friends used to light torches and run through the caves that once served as a speakeasy during prohibition.

Otto has also received the U.S. Department of Commerce Bronze Medal, ISWM Woody Woodland Award, and a first of its kind recognition for contributions to OIML. Once again, we congratulate Otto Warnlof as the inaugural recipient of the NCWM Lifetime Achievement Award.

'10 - '11 NCWM Board of Directors

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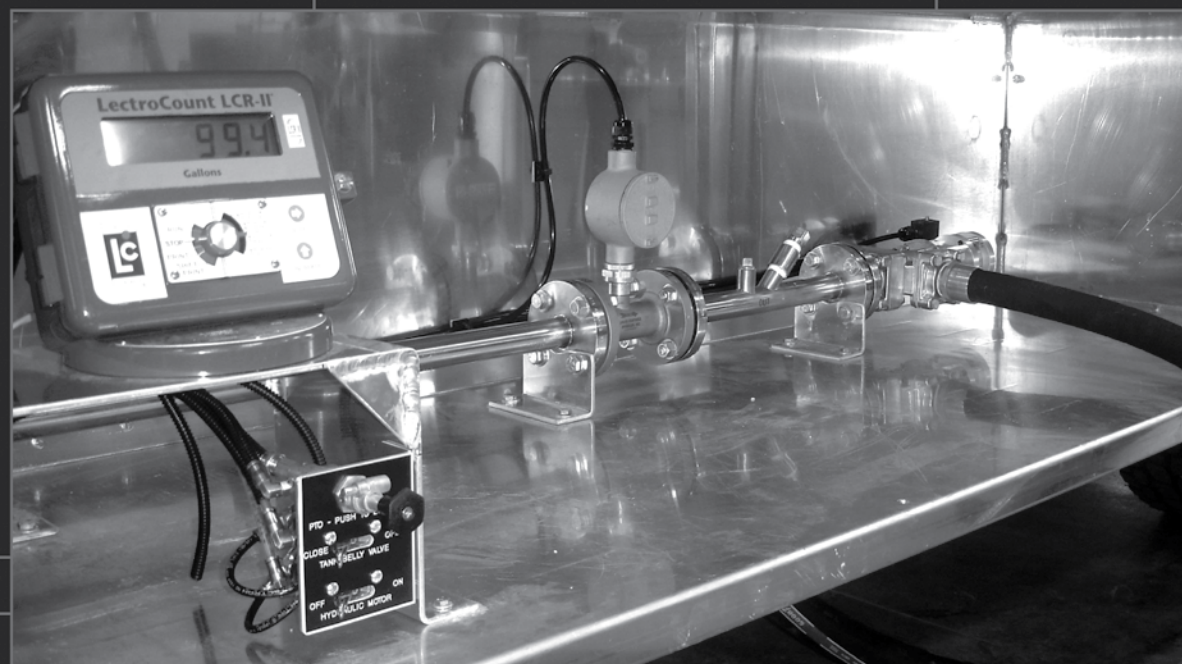
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2010 - 2011 Event Calendar

Be sure to mark your calendar for all upcoming NCWM and regional meetings.

September

12 THRU 15 **Central Interim Meeting (CWMA)**
Rock Island, Illinois — Holiday Inn Rock Island
Contact Vicky Dempsey P. 937.225.6309
E. dempseyv@mcchio.org W. www.cwma.net

26 THRU 30 **Western Annual Meeting (WWMA)**
Olympia, Washington — Phoenix Inn Suites-Olympia
Contact Kirk Robinson P. 360.902.1854
E. krobison@agr.wa.gov W. www.westernwma.org

October

1 THRU 2 **NTETC Measuring Sector Meeting**
Columbia, South Carolina — Hilton Columbia Center
Contact NCWM P. 402.434.4880
E. info@ncwm.net W. www.ncwm.net

3 THRU 6 **Southern Annual Meeting (SWMA)**
Columbia, South Carolina — Hilton Columbia Center
Contact Derek Underwood P. 803.734.7321
E. derekmunderwood@bellsouth.net W. www.swma.org

13 THRU 14 **Northeastern Interim Meeting (NEWMA)**
Norwich, Connecticut — Marriott Courtyard, Norwich
Contact James Cassidy P. 617.349.6133
E. jcassidy@cambridgema.gov W. www.newma.us

January

23 THRU 26 **NCWM Interim Meeting**
Dallas, Texas — The Fairmont Dallas
Contact NCWM P. 402.434.4880
E. info@ncwm.net W. www.ncwm.net

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NCWM Welcomes New Members (5/18/10 - 9/8/10)

- Gayland Abbott**
Minnesota Weights and Measures Division

Melinda Allen
West Virginia Weights and Measures Department of Labor

Jeff Anderson
Minnesota Weights and Measures Division

John Blyth
Trak Engineering, Inc.

Robert Brandt
Eastern Instruments

Dwight Britt
Siemens Industry, Inc.

Scott Bruneau
Master Meter, Inc.

Jaime Cabot
Town of Barnstable

Erica Caruth
Trinidad and Tobago Bureau of Standards

Ping Chung
Minnestoa Weights and Measures Division

Lori Curran
Curran Associates, Inc.

Dan Doyle
Agoraware, Inc.

James Elmquist
Graffco, Inc.

Julio Espinoza
J & A Scales

Stephen Fisher
New Hampshire Division of Weights and Measures

Kevin Friel
Town of Barnstable

Jay Garbe
Wisconsin Department of Agriculture and Consumer Protection

Roger Gardner
Express Scale Parts and Manufacturing

Andrea Gay
The Andersons, Inc.
- Dan Graff**
Graffco, Inc.

Mark Griffin
San Diego Department of Agriculture Weights and Measures

Jon Griswold
Smoky Mountain Calibration

Kristopher Heath
New Hampshire Division of Weights and Measures

Randy Ingram
Tetra Micronutrients

Charbel Ishak
HI DATA, Inc.

John Jacob
Rexcon, LLC

Branden Jenkins
Retail Anywhere, Inc.

Lindy Johnson
Minnesota Weights and Measures Division

Paul Kaeb
KSI Conveyors

Colleen Kander
Andersons / bed-o-cobs

Allen Katalinic
North Carolina Department of Agriculture

Gary Kniessel
Minnesota Weights and Measures Division

Sean Lacey
New Hampshire Division of Weights and Measures

Dennis Lattimore
Minnesota Weights and Measures Division

Russ Lewis
Marathon Petroleum, LLC

John Lovett
New Hampshire Division of Weights and Measures

Marlin McAfee

William McCombs
Union Pacific Railroad
- Bruce Meyhoff**
Coti, Inc.

Tom Mundt
Minnesota Weights and Measures Division

Askar Nadjator
Los Angeles County Agriculture Commissioner / Weights and Measures

Kelly Oyler
PETCO Animal Supplies, Inc.

Stefan Parnay
Marin County Department of Agriculture / Weights and Measures

Tony Pohl
Minnesota Weights and Measures Division

Jerry Portis
Barilla America, Inc.

Wayne Pugh
OCS Checkweighers, Inc.

Ron Rigdon
Minnesota Weights and Measures Division

Nicholas Santori
Minnesota Weights and Measures Division

Eric Sechrist
New Mexico Department of Agriculture

Andre Shikata
MTC Moisture Analyzers, Inc.

Jerry Skaiff
Minnesota Weights and Measures Division

Mark Stokes
Turbines R&D, LLC

Tim Sutton
Minnesota Weights and Measures Division

Claudia Torres
San Diego County Department of Agriculture

Rich Tretter
Minnesota Weights and Measures Division
- Michelle Turgeon**
PETCO Animal Supplies, Inc.

Greg Vander Plaats
Minnesota Weights and Measures Division

John Walske
Minnesota Weights and Measures Division

Pete Whebbe
Minnesota Weights and Measures Division

Mike White
MidContinental Chemical Co, Inc.

Larry Wilson
Minnesota Weights and Measures Division

Eric Wolfe
B-Tek Scales, LLC

Juan Yu
Shanghai Yaohua Weighing System Co, Ltd.

2011 Interim Registration Form
Dallas, Texas

January 23-26, 2011
The Fairmont Dallas

Submit registration form in one of the following ways:
Website: www.ncwm.net **Mail:** 1135 M Street, Suite 110 / Lincoln, NE 68508 **Fax:** 402.434.4878

Attendee Information

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:

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Country:

Phone Number:

Email Address (Required):

Attendee's Guest Information

Name:

Name for Badge:

Registration Fees

| | NCWM Member | Non-Member | Retired Member | Observer | Guest |
|---------------------------------|-------------|------------|----------------|----------|-------|
| Before December 22, 2010 | \$175.00 | \$250.00 | \$0.00 | \$100.00 | NA |
| After December 22, 2010 | \$225.00 | \$300.00 | \$0.00 | \$150.00 | NA |

Special Event Fees

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

Payment Information

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

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

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Cancellation Policy
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National Conference on Weights and Measures

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Thanks for
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