



WEIGHLOG

SCALE MANUFACTURERS ASSOCIATION, INC.
6724 Lone Oak Blvd. • Naples, Florida 34109
<http://www.scalemanufacturers.org>

SUMMER 2002

OFFICERS

President

Robert J. Schuller
Hobart Corporation

Vice President

Richard G. Norden
FANCOR, Inc.

Immediate Past President

David R. Castle
Weigh-Tronix, Inc.

Executive Director

Robert A. Reinfried
SMA

DIRECTORS

Term expires 2003

Paul E. Huber
A&D Weighing
Robert J. Schuller
Hobart Corporation

Term expires 2004

Todd Manifold
Mettler-Toledo, Inc.

Term expires 2005

Stephen Langford
Cardinal Scale Mfg. Co.
Richard G. Norden
Fancor, Inc.
David R. Castle
Weigh-Tronix, Inc.

STAFF

Executive Director

Robert A. Reinfried

Technical Director

Daryl E. Tonini

Technical Assistant

Philip G. Hannigan

Meeting Coordinator

Kimberly MacLaren

ROBERT J. SCHULLER ELECTED PRESIDENT

Robert J. Schuller, general manager, weigh wrap, Hobart Corporation, Troy, Ohio, was elected president of the Scale Manufacturers Association during the 57th Annual Meeting in Naples, Florida.

Schuller succeeds David R. Castle, president, Weigh-Tronix, Inc., Fairmont, Minnesota.

Richard G. Norden, president, & COO, Fancor, Inc., Kansas City, Missouri, was elected vice president.

Elected to three-year terms on the SMA Board of Directors were:

Stephen Langford, vice president, marketing, Cardinal Scale Manufacturing Company, Webb City, Missouri.

Richard G. Norden, president, & COO, Fancor, Inc., Kansas City, Missouri.

David R. Castle, president, Weigh-Tronix, Inc., Fairmont, Minnesota.

Carryover members of the Board are:

Paul E. Huber, president & CEO, A&D Weighing, Milpitas, California.

Todd Manifold, general manager, light industrial PO, Mettler-Toledo, Inc., Columbus, Ohio.

Robert J. Schuller, general manager, weigh wrap, Hobart Corporation, Troy, Ohio.

NEW AREA CODE FOR SMA

Due to the tremendous growth in SW Florida, the area code for SMA has changed. The new area code is 239. Please make a note of the change. The old area code, 941, can also be used until early in 2003, to allow all the local telephone company systems across the country ample time to change the routing in their system.

CONFORMITY ASSESSMENT CERTIFICATES AWARDED



During the SMA Annual Meeting in April three of its member companies were awarded certificates for successfully completing Conformity Assessment Audits and for meeting the quality

requirements of the SMA Conformity Assessment (Production Meets Type) program. The SMA program has been structured to conform to ISO/IEC Guide 65, General Requirements for Bodies Operating Product Certification Systems. The program is open to all manufacturers (member or non-member) who wish to certify that their T.N.8 production meets type.

A&D Weighing, Mettler-Toledo, Inc. and Weigh-Tronix, Inc. are the first group of members to be awarded such certificates, acknowledging this accomplishment. BVQI, SMA's independent auditor, conducted the on site audits which certifies a company's ability to insure production meets type.

SMA developed this production quality assurance program after learning that NCWM, Inc., recognized that the NTEP mechanism for issuing Certificates of Conformance did not, by itself, ensure quality production devices, particularly if they are subject to Handbook 44 Scales Code T.N.8. Influence Factors requirements.

While the NCWM, Inc. has yet to develop the specifics of their program for all of the devices subject to the NTEP certificate system, SMA felt it could no longer sit idly by. Both SMA members and the NCWM, Inc. realize the old system isn't doing what it was intended to do, that is, giving the customer the assurance that they were purchasing a product that maintains the performance quality levels demonstrated when an NTEP laboratory evaluated the device.

SMA's president, Robert J. Schuller, Hobart Corporation, says that "when you see the SMA Production Meets Type logo on weighing equipment

Continued on Page 2

Production Meets Type ... Continued from Page 1

the scale owner and his customers (the consumer) can rest assured that the production device maintains the same performance quality levels as were demonstrated when the scale was evaluated by NTEP”.

For more information on the SMA Conformity Assessment Program (including an interview with SMA’s past president David Castle, Weigh-Tronix, that appeared in the August 2001 edition of *Weighing & Measurement*) and a list of current members, please visit www.scalemanufacturers.org.



(left) Jerry Wang and Paul Huber, *A&D Weighing*, receive their company's award of the SMA PMT Certificate from Dave Castle, SMA's President.



(left) Dave Castle, *Weigh-Tronix, Inc.* receives his company's award of the SMA PMT Certificate from Bob Schuller, SMA's Vice-President.



(left) Darrell Flocken, *Mettler-Toledo, Inc.* receives his company's award of the SMA PMT Certificate from Dave Castle, SMA's President.

QUESTIONS FOR 2002 NTEP DIRECTOR'S BREAKFAST

At the NCWM Interim Meeting in January, the SMA Technical Committee approved the following questions for discussion at the NTEP Directors' Breakfasts in 2002:

During a field inspection of a truck scale (Class III), it is found that an Original Equipment Manufacturer's load cells have been replaced with cells from another manufacturer. What Certificates of Conformance are looked at and what procedures are used to determine whether the scale is still covered by the manufacturer's CC?

If the load cells are replaced with "remanufactured" cells, how do you determine that they were repaired/remanufactured by the OEM or his authorized agent? How do you detect if a load cell has been remanufactured?

How does your jurisdiction interpret the Scales Code temperature range performance requirement in Handbook 44, T.N.8.1.1. (minus 10 degrees C to 40 degrees C (14 degrees F to 104 degrees F))? Do you consider it to be a field operational temperature range limit for the scale or do you treat it as a laboratory test requirement

How does your jurisdiction conduct training for your W&M field staff and service agency technicians to insure proper initial installation of devices. On average, how many hours of training on this subject are conducted per inspector/technician a year?

What kind of training assistance for initial verification would be the most helpful to your staff?

The questions were developed from a survey of the NTEP Participating Laboratories and the Office of Weights and Measures and by the SMA Technical Committee.

These questions have been discussed at the 2002 CWMA and NEWMA meetings. However, because of SMA budget considerations for this program to continue, another format will have to be worked out for the Western and Southern Weights and Measures meetings in 2002 and the Central and North-east Weights and Measures in 2003.

OWM PRESENTS POSITIONS FOR 87TH NCWM ITEMS

In a departure from past practice, the NIST Office of Weights and Measures has developed and is presenting "OWM Position Statements" on selected items on the NCWM Specifications and Tolerances Committee Interim Report.

These positions add another voice to the dialogue between the S&T Committee and its stake holders in both the manufacturing and weights and measures communities. Although it seems to be unclear at the moment how the S&T Committee will handle this input, it does extend the number of

ECONOMIC DOWNTURN EFFECTS MEMBERS AND HEADQUARTERS

SMA member companies suffered through one of the worst years in recent memory during 2001. Sales were down between 15-20% from 2000. This year has been slow to recover and while inquiry levels have picked up, it is anticipated that 2002 sales will be lower than 2001.

SMA's Board of Directors cut SMA's budget for the fiscal year beginning July 1. Head-quarter cuts were necessary, including reduced travel and elimination of SMA sponsored breakfasts at regional weights and measures meetings.

SMA membership is comprised of companies dedicated to the best interests of the scale industry as a whole; to the owners and users of scales, who are entitled to the best practical weighing equipment which can be produced; and to the public, which is so dependent upon accurate and dependable weights.

For more information on SMA, please visit our Web site, www.scalemanufacturers.org.

voices speaking up on Committee issues. It does mean that the SMA Technical Committee will have to consider the OWM input when formulating recommendations for SMA positions.

The OWM positions will be posted on the NIST/OWM web site www.NIST.gov.

CWMA Meets in Springfield, IL

The Central Weights and Measures Association (CWMA) held its Seventeenth Annual Conference April 28 - May 2, 2002 in Springfield Illinois. The Central Association includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. All the member states with the exception of three were represented. Rich Philmon, Illinois Department of Agriculture was host and chairman of the Conference.

Although attendance was down somewhat, the jurisdiction representatives were all there to conduct traditional Committee reviews, learn, discuss issues and represent their jurisdiction's thinking regarding CWMA programs and the NCWM Interim Report.

The SMA was joined by OWM in presentations on Audit Trails. Steve Langford made a very instructive and cautionary presentation on field test procedures for EMI/RFI. Juana Williams presented a condensed version of the OWM Audit Trail training session and Daryl Tonini, substituting for Gary Lameris, Hobart Corporation presented the SMA Standard for Audit Trail Access.

A very informative session on "Weights and Measures Key Issues" was moderated by Sid Colbrook, Illinois Department of Agriculture. Steve Malone, Nebraska, handled "Funding and Program Support", "Metrology Traceability" by Sid Colbrook, "NTEP" by Jim Truex, Ohio, "CWMA Serviceperson Examination" by Don Onwiler, Nebraska, "Weights and Measures Automation" by Mike Pinagel, Michigan, "Training Methods" by Ron Hooker, Missouri and "Voluntary Program Assessment Program by Sid Colbrook.

During Steve Malone's presentation it was noted that industry represents the best tool for support of programs although industry often does not support fee increases. His advice regarding avoiding funding cuts: "No way, be prepared".

Don Onwiler summarized the CWMA Registered Serviceperson Exam as working well enough to continue. The real question is not "why" but "why not" to continue the program. SMA was asked what it could do to help with promoting the exam and what SMA's reaction was to the CWMA test.

Jim Truex summarized the status of NTEP as being "there is no groundswell of dissatisfaction". There was a consensus that the certificates are available and more user friendly. One NTEP test issue of interest to the

NEWMA Meets in Cromwell, CT

The Northeastern Weights and Measures Association (NEWMA) held its annual meeting at the Holiday Inn, Cromwell, Connecticut May 13-16, 2002. The Conference chairman was Ray Kalentkowski, Connecticut. He was ably assisted by Bill Donahoe, Conference Secretary, also of Connecticut. Representatives from Connecticut, Maine, Massachusetts, New Hampshire, New York and Pennsylvania were in attendance. New Jersey, Rhode Island, Puerto Rico, and Vermont were not represented.

The standing committees, Specifications and Tolerances (Mark Coyne, Brockton, MA, Chairman), Laws and Regulations (Bob McGrath, Boston, MA, Chairman), Administration and Public Affairs (Mike Sikula, New York, Chairman) and Executive Committee (Ross Andersen, New York, Chairman) all met on Monday, May 13 and conducted open hearings on their respective agendas. Although the committees were small, they all worked effectively in preparing reports for the delegates.

The NTEP Directors Breakfast was held on Tuesday as was well attended. In the absence of SMA member representation, Steve Cook, NIST, OWM graciously assisted by taking notes of the discussion on the questions.

The speakers program for the Audit Trail presentations was initially scheduled as for the Central Weights and Measures Association's program. However, it was expanded with presentations from Gordon Johnson, Gilbarco and Richard Tucker, Wayne. Steve Cook made the OWM audit trail presentation with Daryl Tonini making the SMA presentation on audit trail access. The presentations by Gordon Johnson and Richard Tucker served to round out the discussions on audit trails for pumps as well as scales.

CWMA is Nebraska's permanence test requirement for combination vehicle/livestock scales. A "worst case" decision is pending a Weighing Sector decision.

The CWMA NTEP Directors' Breakfast program was, again, well attended and very instructional judging from comments of those attending. The highlight of the breakfast was an announcement from Pat Mercer, Director Motor Fuels Quality/Weights and Measures, Michigan Department of Agriculture that the State legislature has approved a voluntary registration of servicepersons requirement and has adopted the latest version of Handbook 44.

The NEWMA acted as follows on the S&T report of items of interest to SMA:

310-1 G-S.1. Identification; Software Based Devices, and Appendix D; Definition of Built-for-Purpose Device.

Supported the Measuring Sector version and would like to see the requirement for accessing the information limited to a single key stroke.

310-2A Examples of Manufactured, Repaired and Remanufactured Devices and Elements.

Recommends that the NCWM S&T Committee revert back to the original table of examples developed by the Task Force that appeared in Publication 15. The NEWMA agrees with the separation of the weighing and measuring sections, and with the minor editorial changes that appeared in Publication 16. NEWMA endorsed moving forward for a vote in July 2002 and agrees that the vote should be as to where the table will appear. NEWMA believes the table should be posted on the NIST and NCWM web sites.

310-2B Appendix D; Definition of Element

NEWMA believes the item should move forward as a voting item with the following language:

Element: A portion of a weighing or measuring device or system which performs a specific function and can be separated, evaluated separately during type evaluation, and is subject to specified full or partial error limits during . . .

320-1A S.6.s Nominal Capacity, S.6.4. Railway Track Scales, Table S.y6.3.a. Marking Requirements, and Table S.6.3.b. Notes

NEWMA agrees with the Central recommendation that a separate paragraph S.6.X be written exclusively for livestock scales . . .

320-1B N.1.3.4. Vehicle Scales, Axle-Load Scales, and Livestock Scales with More than two sections

NEWMA recommends that the item be sent back to the weighing sector for review and thus be changed to Information status at the NCWM conference in July. The committee was informed that SMA will have a position paper (Fairbanks letter) ready for review at the NCWM Annual Meeting. . . .

The discussion of items during the NEWMA S&T Committee's hearing were as complete and as informative as has been seen at a regional association in some time.

SMA MOURNS PASSING OF PAST PRESIDENT



SMA past president, Bob Brumbaugh passed away on February 23, 2002. Bob served as SMA's president from 1973-1975 and again from 1985-1987. Bob has been the only SMA president to serve two terms.

Born in 1928, Bob entered the weighing industry in 1951 with Streeter Amet. Twenty five years later he founded Systems Associates, Inc.

His support of the weights and measures community and SMA will be sorely missed. His participation on many committees as well as serving as a director and officer is a true indication of Bob's dedication to the industry.

Bob is survived by his wife Doris (Doddie), four children and four granddaughters.

ANNUAL MEETING SUCCESSFUL DESPITE LOW TURNOUT



(center) SMA President Dave Castle and his wife, Susan, join Jay Visco (r), HBM, in welcoming Dennis Ehrhart (l), NCWM Director, back to the SMA meeting.

The SMA held its Annual Meeting at the newly renovated (\$50 million) LaPlaya Beach Resort in Naples, Florida on April 26 and 27, 2002. Of the seventeen SMA member companies, nine were represented. Despite the low turnout, the annual meeting was considered to be a very successful two days by those in attendance.

We heard from the leadership of the National Conference and Weight and Measures in the person of Dennis Ehrhart, NCWM Director and, after the Annual Meeting, the Chairman-Elect of the NCWM. We heard from the National Institute of Standards and Technology in the person of Henry Oppermann, Chief of the Office of Weights and Measures. We heard about the Florida Weights and Measures Program in the person of Carlos, D'Arcy,

South Florida Supervisor of the Florida Department of Agriculture and Consumer Services as well as Alan Walker, the Chief Weights and Measures Inspector for the Counties that constitute Southwest Florida. Members had the opportunity to directly interact with these guests and address issues of local and national concern.

The members had occasion to hear about the poor state of the Association's finances that caused the Board to cut travel to the regional weights and measures meetings and reduced the fees for management and technical services to the Association provided by the SMA Staff. If more adjustments are required they will be addressed at the SMA Fall Meeting in November.

There is a compelling need for new membership and the Board is looking at ways to make membership more appealing to European and Asian manufacturers doing business in the United States.



(left) SMA Technical Director, Daryl Tonini and his wife, Shirley, visit with long-time friends Leon Lammers, Weigh-Tronix, Inc., and his wife, Rose Marie at the SMA Annual Meeting Banquet.

Three member companies were awarded SMA Certificates indicating their successful completion of the requirements of the SMA T.N.8. Production Meets Type Conformity Assessment Program ... see full story on page 1. The companies informed the membership about benefits derived from the process. All changes in components or instruments in the Conformity Assessment Audit Program are now in a separate file program where everything (tests, changes, production sampling results, etc) is meticulously documented and maintained in an auditable condition. They have used the requirements of the program as a communications tool to force uniformity in all manufacturing locations worldwide. This outside requirement has helped them get around the "not invented here" resistance and force worldwide standardization in the T.N.8 manufacturing sector of their company. The second

party audit forced changes and improvements in their entire production quality control program that they thought was pretty good to begin with. They plan to require suppliers of components subject to T.N.8 to implement the SMA T.N.8 Conformity Assessment Program and Audit or they will find suppliers who will implement the program and will be able to provide them with confidence to use supplier components without having to check and recheck them before incorporation into their end items. They plan to put the logo prominently on their equipment, sales literature, and other communications media. At upcoming dealer, customer, and sales meetings they will describe the program, distribute the associated literature, and use it as a product discriminator in the marketplace.



(left) SMA Director, Paul Huber, A&D Weighing, and his wife, Nicki, congratulate Bob Schuller, Hobart Corp., and his wife, Tam, on his election as the new SMA President.



(left) SMA Executive Director, Bob Reinfried and his wife, Susan, reminisce with Steve Beitzel, Systems Associates, Inc., and his wife, Dawn, on Bob Brumbaugh's life and passing.