

Southern Weights and Measures Association Specifications and Tolerances Committee 2010 Annual Report

Jason Glass, Chairman
Kentucky Department of Agriculture
October 3-6, 2010
Columbia, SC

INTRODUCTION

The Specifications and Tolerances (S&T) Committee (hereinafter referred to as “Committee”) submits its Report to the SWMA Weights and Measures Association (SWMA). The Report consists of the SWMA Agenda (NCWM Carryover and NEW items) and this Addendum. Page numbers in the tables below refer to pages in this Addendum. Suggested revisions to the handbook are shown in **bold face print** by ~~striking-out~~ information to be deleted and underlining information to be added. Requirements that are proposed to be nonretroactive are printed in **bold-faced italics**.

Presented below is a list of agenda items considered by the SWMA and its recommendations to the NCWM Specifications and Tolerances Committee.

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95th NCWM S&T Carryover Items

310 GENERAL CODE

310-1 I G-S.8. Provision for Sealing Electronic Adjustable Components, G-S.8.1. Adjustment Mode Indication, and Definitions for Adjustment and Adjustment Mode

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
During its open hearings, the heard comments from Lou Straub, Fairbanks, and Gordon Johnson, Gilbarco, indicating that no changes are needed to paragraph G-S.8. The Committee also received information from the WWMA and the Weighing Sector regarding work being done in the Weighing Sector to refine criteria in Publication14 relative to the interpretation of paragraph G-S.8.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Final Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
<input type="checkbox"/> NCWM Adoption <input checked="" type="checkbox"/> Information item on the NCWM Agenda <input type="checkbox"/> Withdraw the item from the NCWM Agenda <input type="checkbox"/> Developing item on the NCWM Agenda <input type="checkbox"/> Unable to consider at this time <input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
At the July 2010 NCWM Annual meeting, the NCWM S&T Committee agreed that no changes were needed to paragraph G-S.8., but recognized that there were still some differences on how the paragraph was to be interpreted during type evaluation. The NCWM S&T Committee suggested that NCWM Publication 14 procedures for weighing devices be amended to more closely align with those in the liquid-measuring devices checklist, and the Committee asked the NTETC Weighing Sector to consider such changes. The SWMA S&T Committee heard from Tina Butcher, NIST WMD, and members of the Weighing Sector, including Lou Straub and Jim Truex, that the Weighing Sector has made progress on developing proposed changes to the Scales Checklist in Pub 14 and anticipates forwarding those changes to the NTEP Committee for possible inclusion in the next edition of Pub 14. In anticipation that the Sector's work will bring closure to this issue and encourage consistent interpretation of paragraph G-S.8., the NCWM S&T Committee agreed to recommend that the item remain an Information Item to allow this work to be completed.
SWMA Actions:
Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

310-3 I G-S.1. Identification. – (Software)

<i>Add the Following to the Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
Gordon Johnson, Gilbarco, expressed concern about how this proposal would apply to some simpler devices that may have a limited display capability; while these devices may be able to display a software version number, they aren’t able to display a designation that defines it as a “version number.” Mr. Johnson also noted that the WWMA modified the proposed language to provide an exception for devices with limited character sets and encouraged the Committee to review this language. Lou Straub, Fairbanks, speaking on behalf of SMA stated that SMA continues to oppose this item. Mr. Straub also pointed out that there appears to be a conflict with regard to the required permanence of the marking, noting that G-S.1. refers to “permanently marked,” whereas G-S.2. makes reference to “continuously displayed” markings.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Final Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
<input type="checkbox"/> NCWM Adoption <input checked="" type="checkbox"/> Information item on the NCWM Agenda <input type="checkbox"/> Withdraw the item from the NCWM Agenda <input type="checkbox"/> Developing item on the NCWM Agenda <input type="checkbox"/> Unable to consider at this time <input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee considered whether or not the proposal is ready to be adopted. Based on the variety of comments heard, comments opposing the item, and the alternatives presented, the Committee did not feel it could make a recommendation at this time. The Committee felt that the SW Sector should be given the opportunity to review the input and comments made on this issue since the last meeting of the Sector. Consequently, the Committee felt that the item should remain as an Information item on the NCWM S&T Committee’s agenda.
SWMA Actions:
Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

310-4 I G-A.6. Nonretroactive Requirements (Remanufactured Equipment)

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
Doug Long, RDM, spoke in opposition of the proposal, noting that the consequences of the proposed change goes beyond what you are trying to accomplish. Lou Straub, Fairbanks, spoke on behalf of SMA noting that SMA supports the proposal. Gordon Johnson, Gilbarco, spoke in support of the proposal.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Final Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
<input type="checkbox"/> NCWM Adoption <input checked="" type="checkbox"/> Information item on the NCWM Agenda <input type="checkbox"/> Withdraw the item from the NCWM Agenda <input type="checkbox"/> Developing item on the NCWM Agenda <input type="checkbox"/> Unable to consider at this time <input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
<p>The Committee considered the effect of applying nonretroactive requirements to devices which have been determined to have been “remanufactured.” Based on some of the comments heard during its open hearings, the Committee was not clear how the proposed changes might impact some remanufactured equipment.</p> <p>The Committee reviewed a summary of nonretroactive requirements prepared by Steve Cook, NIST WMD. The Committee agreed with the WWMA’s assessment that some requirements seemed to be metrologically insignificant, with minimal benefit to users and/or consumers.</p> <p>The Committee agreed with the WWMA that while the examples of repaired and remanufactured devices and elements were sufficiently developed, they need to be readily available to remanufacturers and field officials. For example, located on NCWM and WMD websites, NIST HB 112, and referenced in Appendix D Definitions.</p> <p>The committee agreed that the item should remain an information item to allow for input from stakeholders on the impact of the proposal. The Committee noted that, to assist field officials and industry in correctly applying the Handbook 44 requirements, modification should be made to G-A.6. to clearly define whether nonretroactive requirements do apply or do not apply to remanufactured equipment.</p>
SWMA Actions:
Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

331 VEHICLE-TANK METER CODE

331-1 I T.4. Product Depletion Test

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard no comments on this item in its open hearings.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Final Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
<input type="checkbox"/> NCWM Adoption
<input checked="" type="checkbox"/> Information item on the NCWM Agenda
<input type="checkbox"/> Withdraw the item from the NCWM Agenda
<input type="checkbox"/> Developing item on the NCWM Agenda
<input type="checkbox"/> Unable to consider at this time
<input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee does not object to considering modifications to the tolerance to better address the product depletion test; however, the Committee feels that additional time is needed for industry and weights and measures officials to study the proposed changes. The Committee noted that the product depletion tolerance was amended only five years ago and a new marking requirement was added to correspond to that requirement a few years later. The Committee feels that, before making yet another change, thoughtful consideration needs to be given to ensure that any changes are appropriate.
SWMA Actions:
Number of Yea votes ____;
Number of Nay votes ____; or
Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

442 FARM MILK TANKS

442-1 V N.5.1. Verification of Master Metering Systems

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard no comments on this item in its open hearings.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Final Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
<input checked="" type="checkbox"/> NCWM Adoption
<input type="checkbox"/> Information item on the NCWM Agenda
<input type="checkbox"/> Withdraw the item from the NCWM Agenda
<input type="checkbox"/> Developing item on the NCWM Agenda
<input type="checkbox"/> Unable to consider at this time
<input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee recognized the efficiencies realized by using a master meter to test farm milk tanks. Allowing fewer verification points to be used when a master meter can be shown to perform within a tighter tolerance would provide for further efficiency in the test process while maintaining confidence in the test process. Consequently, the Committee supports the proposal as written and recommends the proposal for a vote.
SWMA Actions:
Number of Yea votes ____;
Number of Nay votes ____; or
Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

360 OTHER ITEMS

360-1 I International Organization of Legal Metrology (OIML) Report

Comments: The Committee heard no comments on this item and, consequently, has no proposed changes to the item.

360-2 D Developing Items

Part 2.21. N.3.1.3. Check for Consistency of the Conveyor Belt Along Its Entire Length.

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee received no comments on this issue during its open hearings. The Committee heard from the NIST Technical Advisor and observed in the WWMA addendum sheets that the USNWG anticipates finalizing a recommendation on this issue in the near future.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
Sufficiently Developed for the NCWM Agenda
<input type="checkbox"/> NCWM Adoption
<input type="checkbox"/> NCWM Information
<input type="checkbox"/> NCWM Developing (justify)
<input checked="" type="checkbox"/> Remain as a Developing item on the NCWM Agenda
<input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee supports the efforts of the USNWG and looks forward to considering future recommendations on this issue.
SWMA Actions:
Number of Yea votes ____;
Number of Nay votes ____; or
Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

Part 3.30. Liquid-Measuring Devices - Item 1: Price Posting and Computing Capability and Requirements for a Retail Motor-Fuel Dispenser (RMFD).

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard from Juana Williams, NIST WMD, who reported that the NCWM S&T Committee established a work group to address this issue. Jeff Humphreys, Los Angeles, is the Chairman of the work group and Fran Elson-Houston, Ohio, is the Vice Chairman and Juana Williams, NIST WMD, is the Technical Advisor. Mr. Humphreys has just finished the process of appointing members of the work group, with representatives from various segments of the weights and measures community. A web-based conference meeting for the work group is planned for sometime in late October.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None

SWMA recommendation to the NCWM

Sufficiently Developed for the NCWM Agenda

- NCWM Adoption
- NCWM Information
- NCWM Developing (justify)
- Remain as a Developing item on the NCWM Agenda
- Other: (Please Describe)

Please describe the reason for the Committee recommendation:

The Committee supports the efforts of the WG and looks forward to considering future recommendations on this issue.

SWMA Actions:

Number of Yea votes ____;
Number of Nay votes ____; **or**
Voice Affirmation Vote

Additional Comments: None

New Items

NEW - SWMA ITEM – 1 D Water Meters – Improved Test & Equipment Criteria

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee received three letters of support for the item, including one from George DeJarlais (Badger Meter), Scott Swanson (Sensus), and Andre Noel (Neptune). Additionally, water meter manufacturers Mr. Ron Koch, Master Meter, and Mr. Alex Watson, Elster AMCO Water, Inc. spoke in support of the item.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
Sufficiently Developed for the NCWM Agenda
<input type="checkbox"/> NCWM Adoption
<input type="checkbox"/> NCWM Information
<input type="checkbox"/> NCWM Developing (justify)
<input checked="" type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda
<input type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda
<input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee observed that the proposed recommendation is not complete enough for Committee action and it needs further development. The Committee heard from the two water meter manufacturers that, while the item was submitted by George DeJarlais (Badger), the proposal represented the views of five water meter manufacturers, including their two companies. These two companies indicated that they felt the five water meter manufacturers would be willing to accept responsibility for further developing the issue if the Committee would be willing to maintain it on their regional agenda as a Developing item. Ron Koch agreed to be listed as the contact for this item until such time that the five companies can determine an official representative. Ron’s contact information is as follows: <div style="margin-left: 40px;"> Ron Koch Master Meter E-mail: rkoch@mastermeter.com Tel: 412-847-2097 </div>
SWMA Actions:
Number of Yea votes ____;
Number of Nay votes ____; or
Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i>
The Committee also heard comments from Mr. Koch questioning the way that the standard deviation is calculated on the document titled “Water Meter Test Results January 2008-July 2008 and suggested that these results be reviewed for accuracy.

NEW - SWMA ITEM – 2 V Water Meters, Handbook 44 Appendix D - Definitions

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard support from Ron Koch (Master Meter) for the development of a definition for “utility type water meter.” During its work session, the Committee also considered alternative language developed by the WWMA.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
The Committee reviewed alternative language developed by the WWMA and agreed that the revised language better reflected the definition of a “utility type water meter.” Consequently, the SWMA recommends the following be added to NIST Handbook 44 Appendix D: <p style="text-align: center;"><u>utility type water meter</u> – a device used for the measurement of water generally applicable to meters installed in residences or business establishments, excluding batching meters.</p>
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM Sufficiently Developed for the NCWM Agenda <input checked="" type="checkbox"/> NCWM Adoption <input type="checkbox"/> NCWM Information <input type="checkbox"/> NCWM Developing (justify) <input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda <input type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda <input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee heard no opposition to establishing a definition for “utility type water meter.” However, the Committee noted that the definition originally proposed included the word that was being defined in the definition itself and was, therefore, still not clear. The Committee reviewed alternative language developed by the WWMA and agreed that the alternative language was preferable. Consequently, the Committee recommends that the language as modified by the WWMA (see the revised proposal above) be considered for a vote.
SWMA Actions: Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

NEW - SWMA ITEM – 3 W Water Meters T.1 Accuracy - Multi Jet Meters Tolerances

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard comments in support of this item from two water meter manufacturers, Ron Koch (Master Meter) and Alex Watson (Elster AMCO). The Committee also considered comments from the WWMA addendum sheets, in which jurisdictions with experience testing water meters expressed concern about the proposed change.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM Sufficiently Developed for the NCWM Agenda <input type="checkbox"/> NCWM Adoption <input type="checkbox"/> NCWM Information <input type="checkbox"/> NCWM Developing (justify) <input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda <input checked="" type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda <input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee raised concerns about modifying tolerances for a given type of metering application to meet the needs of a specific design. The Committee does not feel that sufficient justification has been provided for making this change and, consequently, withdrew the item from its agenda.
SWMA Actions: Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

NEW - SWMA ITEM – 4 -- Taximeter Code – Recognition of Audit Trails

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard no comments on this issue during its open hearings.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
Sufficiently Developed for the NCWM Agenda
<input type="checkbox"/> NCWM Adoption
<input type="checkbox"/> NCWM Information
<input type="checkbox"/> NCWM Developing (justify)
<input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda
<input type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda
<input checked="" type="checkbox"/> Other: (Please Describe) The Committee takes no position on this issue.
<i>Please describe the reason for the Committee recommendation:</i>
The Committee has limited experience with inspecting and testing taximeters. While the Committee believes that the idea of extending the sealing requirements to include alternative means of security (such as an audit trail) has merit, the Committee believes that this item will require additional work before it is ready for a vote. The Committee believes that the issue of audit trail requirements for these devices has merit given the complexity of the devices; however, the Committee believes that additional work is needed to carefully review existing meter designs in order to be able to develop audit trail criteria that best addresses this device type.
SWMA Actions:
Number of Yea votes ____;
Number of Nay votes ____; or
Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> The Committee noted that, with the complexity of the devices being submitted for NTEP evaluation and installed in the field, it may be appropriate to consider possible categories of devices and methods of sealing independent of those specified in other codes. The Committee recognized that some device types warrant special criteria for audit trails based on the device and the way it is used. Examples noted during the Committee work session where different categories apply include the Belt Conveyor Scale Systems (which recognize only Category 1 and 3) and Grain Moisture Meters (which recognize Categories 1, 2, 3, 3a, and 3b). The Committee believes it is important the criteria shouldn’t be constrained by what has been done in other codes.

NEW - SWMA ITEM - 5 -- Belt Conveyor Scale Sys N.3.1.3. Check for Consistency of the Conveyor Belt

This item was on the NCWM S&T Carryover Items agenda under “Developing Items.” The Committee references this item under that section of this agenda.

NEW - SWMA ITEM - 6 W Liquid-Measuring Devices, Thermometer Well

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
<p>The Committee heard one comment from Gordon Johnson (Gilbarco) opposing this item. Mr. Johnson also questioned whether the threshold for determining when a thermometer should be required should be 20 gallons or 30 gallons. He noted that since retail meters with a designed maximum flow rate of 30 gallons per minute or more are required to be marked with a minimum and maximum flow rate and suggested that perhaps 30 gallons should be used as the threshold for the proposed requirement.</p> <p>Tina Butcher, NIST WMD, acknowledged that 30 gpm might be a logical threshold. However, she noted that, for this issue, the size of the test draft is a significant factor. Since jurisdictions might use provers with capacities of 25 gallons or larger, the 20 gallon threshold was included as a suggestion in the proposal. The Committee might want to consider modifying the threshold to 30 gallons to streamline the requirements.</p>
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
<p>SWMA recommendation to the NCWM</p> <p>Sufficiently Developed for the NCWM Agenda</p> <p><input type="checkbox"/> NCWM Adoption</p> <p><input type="checkbox"/> NCWM Information</p> <p><input type="checkbox"/> NCWM Developing (justify)</p> <p><input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda</p> <p><input checked="" type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda</p> <p><input type="checkbox"/> Other: (Please Describe)</p>
<i>Please describe the reason for the Committee recommendation:</i>
<p>The Committee felt that, given budget and resource constraints, it is unrealistic to expect inspectors to take the additional time to make corrections for differences in meter and prover liquid temperatures when testing retail truck stop dispensers. Additionally, the Committee thought that the typical temperature difference between the meter and prover for these devices may not be significant enough to warrant the costs associated with requiring a thermometer well and making this correction.</p>
<p>SWMA Actions:</p> <p>Number of Yea votes ____;</p> <p>Number of Nay votes ____; or</p> <p>Voice Affirmation Vote <input checked="" type="checkbox"/></p>
<i>Additional Comments:</i> None

NEW - SWMA ITEM – 7 V Vehicle-Tank Meters - Thermometer Well

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard no comments on this issue during its open hearings.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
Sufficiently Developed for the NCWM Agenda <input checked="" type="checkbox"/> NCWM Adoption <input type="checkbox"/> NCWM Information <input type="checkbox"/> NCWM Developing (justify) <input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda <input type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda <input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee heard no comments on this issue during its open hearings. In reviewing the background and history for this item, Committee agreed that, given the potential impact of temperature differences between the meter and the prover for test drafts of the magnitude of those used in VTM testing, the proposed change is appropriate. The Committee also agreed that the proposed paragraph should be nonretroactive as of January 1, 2012. Consequently, the Committee recommends that the item be forwarded to the NCWM S&T Committee as a voting item as originally proposed by the S&T Committee.
SWMA Actions:
Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
During its open hearings, the Committee heard support for this item from Lou Straub, Fairbanks Scales. Mr. Straub noted that the industry was aware of the need for these changes when other, related changes were adopted to T.N.4.5.1. in July 2010. However, rather than attempting to address these change at that time, industry felt additional time should be given to allow industry and weights and measures officials to study additional changes to the paragraph. Since the July 2010 Annual NCWM Meeting, industry developed this proposal and presented it to the Weighing Sector; the Sector supported the proposed changes.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM Sufficiently Developed for the NCWM Agenda <input checked="" type="checkbox"/> NCWM Adoption <input type="checkbox"/> NCWM Information <input type="checkbox"/> NCWM Developing (justify) <input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda <input type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda <input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee heard no comments in opposition to the proposal and felt that the proposed change is reasonable. Additionally, the Committee recognized that the issue has received technical review from the members of the Weighing Sector. Thus, the Committee recommends that the item be included on the NCWM S&T Committee’s agenda as a voting item.
SWMA Actions: Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

NEW - SWMA ITEM – 9 V Scales Code, Para. T.N.4.7. Load Cells - Type Evaluation

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard no comments in opposition to or support for this item.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
Sufficiently Developed for the NCWM Agenda
<input checked="" type="checkbox"/> NCWM Adoption
<input type="checkbox"/> NCWM Information
<input type="checkbox"/> NCWM Developing (justify)
<input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda
<input type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda
<input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee heard no comments in opposition to the proposal and felt that the proposed change is reasonable. The Committee also noted that there was industry support for the proposal at the WWMA based on the WWMA addendum sheets.
SWMA Actions:
Number of Yea votes ____;
Number of Nay votes ____; or
Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

NEW - SWMA ITEM – 10 -- Develop a Weighing in Motion Code

<i>Add the Following to the SWMA S&T Committee's Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
The Committee heard comments from Steve Langford supporting the direction of this work group. Steve noted that these WIM scales are not currently used to levy fines, but rather to screen for overweight trucks. He noted that the work group is just getting started and that Cardinal is looking forward to participating in this work. Max Gray (FL) questioned whether putting requirements for highway WIM devices in Handbook 44 would obligate jurisdictions to conduct tests of these devices. While he doesn't oppose the inclusion of requirements in general, he questioned the availability of resources to accommodate the additional workload given the extreme budget restrictions many jurisdictions are facing. Tina Butcher, NIST WMD noted that DOT reported that highway weight enforcement officials are concerned that the use of the scales in screening will be challenged without reference to a recognized standard. Since many of these agencies currently reference NIST Handbook 44, they felt that recognition of these devices in NIST Handbook 44 as law enforcement equipment would lend credibility and consistency to the design, use, accuracy, and application of this equipment.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM Sufficiently Developed for the NCWM Agenda <input type="checkbox"/> NCWM Adoption <input type="checkbox"/> NCWM Information <input type="checkbox"/> NCWM Developing (justify) <input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda <input type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda <input checked="" type="checkbox"/> Other: (Please Describe) The Committee took no position on this issue.
<i>Please describe the reason for the Committee recommendation:</i>
The Committee supports the efforts of the WG; however, given some of the concerns and questions raised at the open hearings about resources for testing, the Committee did not want to take a position on this issue until it has more information about the direction of the work group.
SWMA Actions: Number of Yea votes ____; Number of Nay votes ____; or Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> None

NEW - SWMA ITEM – 11 W Develop a Vending Machines Code

<i>Add the Following to the SWMA S&T Committee’s Report:</i>
<i>Comments considered by the Regional Committee (in writing or during the open hearings):</i>
No comments were received during the Committee’s open hearing.
<i>Updated or Revised Recommendation of the Regional Committee:</i>
None
<i>Updated or Revised proposal recommended by the SWMA:</i>
None
SWMA recommendation to the NCWM
Sufficiently Developed for the NCWM Agenda
<input type="checkbox"/> NCWM Adoption
<input type="checkbox"/> NCWM Information
<input type="checkbox"/> NCWM Developing (justify)
<input type="checkbox"/> Remain as a Developing item on the Regional Weights and Measures Association Agenda
<input checked="" type="checkbox"/> Withdraw from the Regional Weights and Measures Association Agenda
<input type="checkbox"/> Other: (Please Describe)
<i>Please describe the reason for the Committee recommendation:</i>
The Committee noted that no specific recommendations were provided by the submitter on this item. It was not clear to the Committee who would be taking responsibility for the proposed development of a code. The Committee had no volunteers to accept responsibility for shepherding the work and, consequently, withdrew the item from its agenda.
SWMA Actions:
Number of Yea votes ____;
Number of Nay votes ____; or
Voice Affirmation Vote <input checked="" type="checkbox"/>
<i>Additional Comments:</i> For reference in any further development of this issue, some Committee members questioned whether or not a single code might be used to cover the range of devices mentioned in the proposal or if it would be necessary to develop and/or amend multiple different codes.

Jason Glass, KY, Chairman
 Ken Ramsburg, MD
 Marvin Pound, GA
 Tim Chesser, AR

SWMA Specifications and Tolerances Committee