

SWMA Specifications and Tolerances (S&T) Committee 2020 Annual Meeting Report

Mr. Alan Walker, Committee Chair
Florida

INTRODUCTION

The Specifications and Tolerances (S&T) Committee (hereinafter referred to as “Committee”) submits its Report to the Southern 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.

Subject Series List

NIST Handbook 44 – General Code	GEN Series
Scales	SCL Series
Belt-Conveyor Scale Systems	BCS Series
Automatic Bulk Weighing Systems	ABW Series
Weights	WTS Series
Automatic Weighing Systems	AWS Series
Weigh-In-Motion Systems used for Vehicle Enforcement Screening	WIM Series
Liquid-Measuring Devices	LMD Series
Vehicle-Tank Meters	VTM Series
Liquefied Petroleum Gas and Anhydrous Ammonia Liquid-Measuring Devices	LPG Series
Hydrocarbon Gas Vapor-Measuring Devices	HGV Series
Cryogenic Liquid-Measuring Devices	CLM Series
Milk Meters	MLK Series
Water Meters	WTR Series
Mass Flow Meters	MFM Series
Carbon Dioxide Liquid-Measuring Devices	CDL Series
Hydrogen Gas-Metering Devices	HGM Series
Electric Vehicle Refueling Systems	EVF Series
Vehicle Tanks Used as Measures	VTU Series
Liquid Measures	LQM Series
Farm Milk Tanks	FMT Series
Measure-Containers	MRC Series
Graduates	GDT Series
Dry Measures	DRY Series
Berry Baskets and Boxes	BBB Series
Fabric-Measuring Devices	FAB Series
Wire-and Cordage-Measuring Devices	WAC Series
Linear Measures	LIN Series
Odometers	ODO Series
Taximeters	TXI Series
Timing Devices	TIM Series
Grain Moisture Meters (a)	GMA Series
Grain Moisture Meters (b)	GMB Series
Near-Infrared Grain Analyzers	NIR Series
Multiple Dimension Measuring Devices	MDM Series
Electronic Livestock, Meat, and Poultry Evaluation Systems and/or Devices	LVS Series
Transportation Network Measuring Systems	TNS Series
Other Items	OTH Series

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Table B
Glossary of Acronyms and Terms

Acronym	Term	Acronym	Term
ABWS	Automatic Bulk Weighing System	NEWMA	Northeastern Weights and Measures Association
AAR	Association of American Railroads	NIST	National Institute of Standards and Technology
API	American Petroleum Institute	NTEP	National Type Evaluation Program
CNG	Compressed Natural Gas	OIML	International Organization of Legal Metrology
CWMA	Central Weights and Measures Association	OWM	Office of Weights and Measures
EPO	Examination Procedure Outline	RMFD	Retail Motor Fuel Dispenser
FHWA	Federal Highway Administration	S&T	Specifications and Tolerances
GMM	Grain Moisture Meter	SD	Secure Digital
GPS	Global Positioning System	SI	International System of Units
HB	Handbook	SMA	Scale Manufacturers Association
LMD	Liquid Measuring Devices	SWMA	Southern Weights and Measures Association
LNG	Liquefied Natural Gas	TC	Technical Committee
LPG	Liquefied Petroleum Gas	USNWG	U.S. National Work Group
MMA	Meter Manufacturers Association	VTM	Vehicle Tank Meter
MDMD	Multiple Dimension Measuring Device	WIM	Weigh-in-Motion
NCWM	National Conference on Weights and Measures	WWMA	Western Weights and Measures Association

Details of All Items
(In order by Reference Key)

GEN – GENERAL CODE

GEN-20.1 D G-T.3. Application and Appendix D – Definitions: true value

GEN-20.1
No report due to the constraints of holding a virtual meeting.

GEN-21.1 D Use-for-Fee Vehicle and Axle-Load Scales

GEN-21.1
<p>Regional recommendation to NCWM on item status:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input checked="" type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>
<p>Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i></p> <p>During the Open Hearings the Committee heard comments from John Barton (OWM) who stated that OWM would like the item to move forward as Developing. The issue originated from a field inspector who witnessed a truck trying to get a weighment from a scale that was much shorter than the truck. He stated that many issues have arisen around the Handbooks lack of clarity such as excessively long trucks, the validity of axle weight scales, the issue of single draft weighing vs split weighing, and whether paying for a weighment constitutes a commercial transaction. The committee also heard from Lou Straub (Fairbanks) who stated that he agrees with Mr. Barton, and the item should be made Developing. He stated that the Handbook does not apply to law enforcement scales, and that many of these scales are not used commercially. He stated that split weighing is not appropriate for commercial transactions, but that we need to clarify this for the big picture. The committee also heard from Eric Golden (Cardinal Scales) who agrees that this item should be made developing. He also stated that split weighing can be used if a truck is too long, but that it is not legal for trade. He questioned whether this would apply to CAT scales or just small axle load scales, and that he believed that charging for a weighment is a commercial transaction. The committee also heard from Tim Chesser (Arkansas) who stated that this was a non-issue in Arkansas. The committee also heard from Hal Prince (Florida) who stated that he would like a clarification on the definition of charging for weighments as a commercial transaction added to the handbook. The Committee also heard from Ken Ramsburg (Maryland) who stated that he agrees with the item being made developmental. He stated that paying for weighments is considered a commercial transaction in Maryland. He also stated that the issue of split weighing needs to be dealt with to protect from fraud. He stated that notice of split weighing should be required on the ticket. Lou Straub also stated that the Handbook does not currently require vehicle scales to have a ticket printer, nor does it have specific recording requirements. Tim Chesser also stated that he agreed that the Handbook was behind on Recording Requirements, and whether NIST and SMA would develop this. John Barton stated that NIST OWM would develop the issue, and Russ Vires (Scale Manufacturers Association) stated that SMA would review the issue in November and that Mettler Toledo will participate in the development of this issue.</p>

After considering this item the Committee recommends the item be given a Developing Status.

GEN-21.3 W G-UR.4.1. Maintenance of Equipment

GEN-21.3
<p>Regional recommendation to NCWM on item status:</p> <p> <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input checked="" type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i> </p>
<p>Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i></p> <p>During the Open Hearings the Committee heard from John Barton (OWM) who stated that NIST was unclear on the rationale for the proposed change, and that the current requirement seems clear. The Committee also heard from Ken Ramsburg (Maryland) who stated that he believed the item should be withdrawn. The Committee also heard from Tim Chesser (Arkansas) who stated that “predominantly” applies to the equipment, not error, and supports withdrawal of the item. The Committee also heard from Gene Robertson (Mississippi) who stated that he agrees with withdrawing the item.</p> <p>After considering this item the Committee recommends the item be Withdrawn.</p>

BLOCK 2 ITEMS (B2) DEFINE TRUE VALUE FOR USE IN ERROR CALCULATIONS

ITEM BLOCK 2
No report due to the constraints of holding a virtual meeting.

SCL – SCALES

SCL-16.1 A Sections Throughout the Code to Include Provisions for Commercial Weigh-in-Motion Vehicle Scale Systems

SCL-16.1
No report due to the constraints of holding a virtual meeting.

SCL-21.1 W S.1.1. Zero Indication

SCL-21.1
<p>Regional recommendation to NCWM on item status:</p> <p> <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input checked="" type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i> </p>
<p>Comments and justification for the regional recommendation to NCWM: (This will appear in NCWM reports)</p> <p>During Open Hearings the Committee heard from John Barton (OWM) who stated that the handbook was amended in 1993 to permit systems to have screensavers, advertisements, or other alternate displays once a zero balance had been achieved. The Committee also heard from Ken Ramsburg (Maryland) who stated that this issue was already covered by the NTEP evaluation process.</p> <p>After consideration of this item the Committee recommends that it be Withdrawn.</p>

SCL-20.9 D S.1.1.3. Zero Indication, Load Receiving Elements Separate from Weighing Elements. and Appendix D – Definitions: no load reference value

SCL-20.9
No report due to the constraints of holding a virtual meeting.

SCL-20.10 V S.1.2.2.2. Class I and II Scales Used in Direct Sale and S.1.2.2.3. Deviation of a “d” Resolution.

SCL-20.10
No report due to the constraints of holding a virtual meeting.

SCL-17.1 V S.1.8.5. Recorded Representations, Point of Sale Systems

SCL-17.1
No report due to the constraints of holding a virtual meeting.

SCL-20.13 V N.1.5. Discrimination Test.

SCL-20.13
No report due to the constraints of holding a virtual meeting.

SCL-19.2 V UR.5. Coupled-in-Motion Railroad Weighing Systems.

SCL-19.2
No report due to the constraints of holding a virtual meeting.

SCL-20.12 D Multiple Sections to Add Vehicle Weigh-in-Motion to the Code and Appendix D – Definitions; vehicle scale and weigh-in-motion vehicle scale.

SCL-20.12
No report due to the constraints of holding a virtual meeting.

ABW – AUTOMATIC BULK WEIGHING SYSTEMS

ABW-16.1 D A. Application, S Specifications, N. Notes, UR. User Requirements and Appendix D – Definitions: automatic bulk weighing system.

ABW-16.1
No report due to the constraints of holding a virtual meeting.

BLOCK 4 ITEMS (B4) D ELECTRONICALLY CAPTURED TICKETS OR RECEIPTS

ITEM BLOCK 4
<p>Regional recommendation to NCWM on item status:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input checked="" type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>
<p>Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i></p> <p>During the Open Hearings the Committee heard from Dianne Lee (OWM) who stated that the purpose of this item is to allow an option for an electronic ticket by revising the language of the Recording Requirements in Handbook 44. She also stated that NIST OWM supports this block. The Committee also heard from Hal Prince (Florida) that electronic tickets are already allowed, and that this revision would allow electronic only tickets. The Committee also heard from Tina Butcher (OWM) who stated that she had the same concerns as Hal but was assured the intent was only to allow an electronic option for customers. The Committee also heard from Ken Ramsburg (Maryland) who stated that he agreed with Hal Prince, and that the General Code already covered this. The Committee also</p>

heard from Tory Brewer (West Virginia) who stated that he was concerned that this item would make it difficult for customers to receive a printed ticket if it was not set as a default, and how the customer would choose a printed ticket instead of an electronic one. Tina Butcher also stated that Specific Code superseded the General Code, so that is why a change is likely needed to allow electronic tickets.

After considering this item the Committee recommends that it be given Developing Status

BLOCK 1 ITEMS (B1) TERMINOLOGY FOR TESTING STANDARDS (VERIFICATION STANDARDS, FIELD STANDARDS, TRANSFER STANDARDS, FIELD REFERENCE STANDARDS, ETC.,) TOLERANCES ON TESTS WHEN TRANSFER STANDARDS ARE USED, MINIMUM QUANTITY FOR FIELD REFERENCE STANDARD METER TESTS

ITEM BLOCK 1
No report due to the constraints of holding a virtual meeting.

LMD – LIQUID MEASURING DEVICES

LMD-20.2 V S.1.6.10. Automatic Timeout – Pay-at-pump Retail Motor-Fuel Devices.

LMD-20.2
No report due to the constraints of holding a virtual meeting.

LMD-19.1 V UR.4.2. Security for Retail Motor-Fuel Devices.

LMD-19.1
No report due to the constraints of holding a virtual meeting.

BLOCK 5 ITEMS (B5) V CATEGORY 3 METHODS OF SEALING

ITEM BLOCK 5
<p>Regional recommendation to NCWM on item status:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>

<p>Comments and justification for the regional recommendation to NCWM: (This will appear in NCWM reports)</p> <p>During Open Hearings the Committee heard from Brent Price (Gilbarco), the submitter, who stated that he wants to have the option of an Electronic Event Log, and for the item to be considered as fully developed. The Committee also heard from Tina Butcher (OWM) who stated she would like to have consistent language in the Handbook for LMD, EVSE, and Taximeters. The committee notes that it prefers the language in this item rather than a similar item submitted by Wayne last year.</p> <p>After considering this item the Committee recommends the item as a Voting Item.</p>
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VTM – VEHICLE TANK METERS

VTM-18.1 D S.3.1 Diversion of Measured Liquid and S.3.1.1. Means for Clearing the Discharge Hose and UR.2.6. Clearing the Discharge on a multiple-product, single discharge hose.

VTM-18.1
No report due to the constraints of holding a virtual meeting.

VTM-20.1 S.3.1. Diversion of Measured Liquid.

VTM-20.1
No report due to the constraints of holding a virtual meeting.

VTM-20.2 A Table T.2. Tolerances for Vehicle Mounted Milk Meters.

VTM-20.2
No report due to the constraints of holding a virtual meeting.

LPG – LPG AND ANHYDROUS AMMONIA LIQUID-MEASURING DEVICES

LPG-20.1 V S.2.5. Zero-Set-Back Interlock and S.2.6. Automatic Timeout.

LPG-20.1
No report due to the constraints of holding a virtual meeting.

WTR – WATER METERS

WTR-20.2 V S.1.1.4. Advancement of Indicating and Recording Elements.

WTR-20.2
No report due to the constraints of holding a virtual meeting.

WTR-21.1 NR S.2.2. ~~Batching Measuring Systems~~ Air/Vapor Elimination.

WTR-21.1
Regional recommendation to NCWM on item status: <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input checked="" type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>
Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i> During the Open Hearing the Committee heard no comments on this item. After considering this item the Committee makes no recommendation on its status.

WTR-20.1 V S.3.2. Meter size and Directional Flow Marking Information.

WTR-20.1
No report due to the constraints of holding a virtual meeting.

MFM – MASS FLOW METERS

MFM-20.1 V S.1.3.3. Maximum Value of Quantity Divisions.

MFM-20.1
No report due to the constraints of holding a virtual meeting.

MFM-21.1 UR.3.3. Ticket Printer: Customer Ticket

MFM-21.1
No report due to the constraints of holding a virtual meeting.

EVF – ELECTRIC VEHICLE FUELING SYSTEMS

EVF-21.1 D A.1. General

EVF-21.1
<p>Regional recommendation to NCWM on item status:</p> <p> <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input checked="" type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i> </p>
<p>Comments and justification for the regional recommendation to NCWM: (This will appear in NCWM reports)</p> <p>During the Open Hearing the Committee heard from Francesca Wahl who gave a presentation on the industry’s support of these items, and willingness to develop them. The Committee also heard from Tina Butcher (OWM) who stated that the item needs terminology work, and that she had concerns about a 10 year blanket exemption for these devices. She also noted that some of these devices do not currently contain a meter. The Committee also heard from Ken Ramsburg (Maryland) who stated that he did not agree with a blanket exemption.</p> <p>After consideration of this item the Committee recommends that this item be given Developing Status, and assigned to the national work group.</p>

EVF-21.2 W A.2. Exceptions

EVF-21.2
<p>Regional recommendation to NCWM on item status:</p> <p> <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input checked="" type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i> </p>
<p>Comments and justification for the regional recommendation to NCWM: (This will appear in NCWM reports)</p> <p>During the Open Hearings the Committee heard from Ken Ramsburg (Maryland) who stated that D and E needed further development. He stated that he had no issue with home chargers being considered non-commercial, but not the entire designation of “non-public” stations, such as those at workplaces. Ken also stated that he does not support the exception for stations used in contract sales, as that exemption does not exist for petroleum fueling stations. The Committee also heard from Tina Butcher (OWM) who stated that she agrees with Ken. Tina also stated that if these devices are not commercial, then this statement is not needed, as Handbook 44 is for the regulation of</p>

commercial devices. Tina also clarified that although exceptions can exist, such as those for fleet sales, the device is still considered commercial.

After consideration of this item the Committee recommends that it be withdrawn.

EVF-20.1 D S.1.3.2. EVSE Value of the Smallest Unit.

EVF-20.1
No report due to the constraints of holding a virtual meeting.

EVF-21.3 D S.1.2. EVSE Indicating Elements, S.2.4.1. Unit Price, S.2.5. EVSE Money-Value Computations., S.2.7. Indication of Delivery

EVF-21.3
Regional recommendation to NCWM on item status:
<input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input checked="" type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>
Comments and justification for the regional recommendation to NCWM: (This will appear in NCWM reports)
<p>During the Open Hearings the Committee heard from Francesca Wahl, who stated that the car dash screen or customer’s device would be used as the indicator. The Committee has concerns about relying on the customer’s device as the only indicator, and issues that could present for the inspection procedure.</p> <p>After considering this item the Committee recommends that it be given Developing Status and developed further by the national work group.</p>

EVF-21.4 V S.3.3. Provision for Sealing

EVF-21.4
Regional recommendation to NCWM on item status:
<input checked="" type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i>

<input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>
Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i> During Open Hearings the Committee heard from Alan Walker (Florida) who asked for clarification on sealing these devices. The Committee also heard from Dianne Lee (OWM) who stated that NIST supported moving this forward as a Voting Item. She also stated that the Subgroup consensus was to permit an electronic event log. After considering this item the Committee recommends the item move forward as a Voting Item.

EVF-19.1 V S.3.5. Temperature Range for System Components. and S.5.2. EVSE Identification and Marking Requirements.

EVF-19.1
No report due to the constraints of holding a virtual meeting.

EVF-21.5 D T.2. Load Test Tolerances.

EVF-21.5
Regional recommendation to NCWM on item status: <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input checked="" type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>
Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i> During the Open Hearing the Committee heard from Ken Ramsburg (Maryland) who stated that he would like real world data before determining the tolerances. He also stated that the proposed tolerance is more than double the current tolerance. After considering this item the Committee recommends this item be given Developing Status, and be developed further by the national work group.

EVF-21.6 D Definitions: minimum measured quantity (MMQ)

EVF-21.6
Regional recommendation to NCWM on item status: <input type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda

<p><i>(To be developed by an NCWM Task Group or Subcommittee)</i></p> <p><input checked="" type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i></p> <p><input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i></p> <p><input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i></p>
<p>Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i></p> <p>During the Open Hearing the Committee heard from Dianne Lee who stated that NIST supported moving this item forward as a Voting Item.</p> <p>After considering this item the Committee recommends that it be given Developing Status, and be developed further by the national work group.</p>

EVF-20.2 V Definitions: submeter

EVF-20.2
No report due to the constraints of holding a virtual meeting.

TXI – TAXIMETERS

See Block 3 Items: Tolerances for Distance Testing.

TIM – TIMING DEVICES CODE

TIM-20.1 V S.1.1.3. Value of Smallest Unit.

TIM-20.1
No report due to the constraints of holding a virtual meeting.

GMA – GRAIN MOISTURE METERS 5.56 (A)

GMA-20.1 V S.2.5. Provisions for Sealing.

GMA-20.1
No report due to the constraints of holding a virtual meeting.

GMA-19.1 D Table T.2.1. Acceptance and Maintenance Tolerances Air Oven Method for All Grains and Oil Seeds.

GMA-19.1
No report due to the constraints of holding a virtual meeting.

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MDM – MULTIPLE DIMENSION MEASURING DEVICES

MDM-20.1 V S.1.3. Negative Values, S.1.6. Customer Indications and Recorded Representations, S.1.7. Minimum Measurement, S.1.8. Indications Below Minimum and Above Maximum, S.2. Design of Zero Fare ~~Tare~~ Dimensional Offset and Appendix D – Definitions: dimensional offset

MDM-20.1
No report due to the constraints of holding a virtual meeting.

BLOCK 3 ITEMS (B3) TOLERANCES FOR DISTANCE TESTING IN TAXIMETERS AND TRANSPORTATION NETWORK SYSTEMS

ITEM BLOCK 3
No report due to the constraints of holding a virtual meeting.

OTH – OTHER ITEMS

OTH-16.1 D Electric Watthour Meters Code under Development

OTH-16.1
No report due to the constraints of holding a virtual meeting.

OTH-21.1 V Appendix A – 2.1. Acceptance and Maintenance Tolerances.

Source:

OTH-16.1
Regional recommendation to NCWM on item status:
<input checked="" type="checkbox"/> Recommend as a Voting Item on the NCWM agenda <input type="checkbox"/> Recommend as an Information Item on the NCWM agenda <input type="checkbox"/> Recommend as an Assigned Item on the NCWM agenda <i>(To be developed by an NCWM Task Group or Subcommittee)</i> <input type="checkbox"/> Recommend as a Developing Item on the NCWM agenda <i>(To be developed by source of the proposal)</i> <input type="checkbox"/> Recommend Withdrawal of the Item from the NCWM agenda <i>(In the case of new proposals, do not forward this item to NCWM)</i> <input type="checkbox"/> No recommendation from the region to NCWM <i>(If this is a new proposal, it will not be forwarded to the national committee by this region)</i>
Comments and justification for the regional recommendation to NCWM: <i>(This will appear in NCWM reports)</i>
During Open Hearings the Committee heard from Tim Chesser (Arkansas) who stated that he supports the intent of the item but not the wording. Tim suggested amending the code instead. The Committee also heard from John

Barton (OWM) who stated that this is a revision of a previous proposal, and that he agrees with the proposal. John also stated that enforcement of Acceptance Tolerance differs between some jurisdictions in regard to routine adjustments. The Committee also heard from Brent Price (Gilbarco) who stated that he supports the proposal. He stated that many devices are adjusted routinely and shouldn't be considered like new. Tim Chesser also stated that the 30-day window for Acceptance Tolerance exists because a meter should hold that adjustment for at least 30 days. If it cannot hold that calibration, it may be a bad meter. The Committee also heard from Ken Ramsburg (Maryland) who stated that he agrees with Tim, and that this item would put us at the mercy of the service agency to do a good job. The Committee also heard from Hal Prince (Florida) who stated he sees both sides, and doesn't want to dissuade good maintenance practices, but knows some service agencies do poor work.

After considering this item the Committee recommends the item as a Voting Item.

OTH-20.1 V Appendix D – Definitions: submeter (Now Item EVF-20.2)

OTH-20.1 (Now Item EVF-20.2)
No report due to the constraints of holding a virtual meeting.

Mr. Alan Walker, Florida | Committee Chair
Mr. Heath Higdon, Kentucky | Member
Mr. Bryan Snodgrass, West Virginia | Member
Mr. Mark Lovisa, Louisiana | Member

Specifications and Tolerances Committee