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| **INSTRUCTIONS**  For items designated **Voting** by NCWM:   * Express regional support as written * Express regional support with recommended modifications * Express regional opposition or concern and a recommendation to downgrade to Informational, Developing, or Withdrawn, **OR** * Take no regional position on the item.   For items designated **Informational**, **Assigned** or **Developing**:   * Provide comments and suggestions to improve the item and, if appropriate, recommend a status change, * Recommend the item be withdrawn with justification, **OR** * Indicate that the item was reviewed and there were no comments.   For **New Items** which have no assigned status:   * Forward the item to NCWM with comments and recommended status of Voting, Informational, Assigned, Developing, **OR** * Do not forward to NCWM and provide justification for this action. In this instance, you will recommend a Withdrawal of the item in case it was forwarded to NCWM by another region, **OR** * Select the final option of “No Recommendation”. This option is used when the region lacks insight on whether the proposal has merit. The proposal will not be forwarded to NCWM by your region. |

**CWMA Professional Development Committee (PDC)**

**2022 Interim Meeting Report Template**

Mrs. Brenda Geist, Committee Chair

Kansas

**INTRODUCTION**

The PD Committee will address the following items in Table A during the Interim Meeting. Table A identifies the agenda items by reference key, title of item, page number and the appendices by appendix designations. The first four digits of an item’s reference key are assigned from the Subject Series List. The acronyms for organizations and technical terms used throughout the agenda are identified in Table B. In some cases, background information will be provided for an item. The fact that an item appears on the agenda does not mean it will be presented to National Conference on Weights and Measures (NCWM) for a vote. The Committee will review its agenda and may withdraw some items, present some items for information meant for additional study, issue interpretations, or make specific recommendations for change to the publications identified which will be presented for a vote at the Annual Meeting. The Committee may also take up routine or miscellaneous items brought to its attention after the preparation of this document. The Committee may decide to accept items for discussion that are not listed in this document, providing they meet the criteria for exceptions as presented in Section H of the introductions to *Handbook 44* and *Handbook 130*. The Committee has not determined whether the items presented will be Voting or Informational in nature; these determinations will result from their deliberations at the Interim Meeting

An “Item Under Consideration” is a statement of proposal and not necessarily a recommendation of the Committee. Suggested revisions 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***.

All sessions are open to registered attendees of the conference. If the Committee must discuss any issue that involves proprietary information or other confidential material; that portion of the session dealing with the special issue may be closed if (1) NCWM Chairman or, in their absence, NCWM Chairman-Elect approves; (2) the Executive Director is notified; and (3) an announcement of the closed meeting is posted on or near the door to the meeting session and at the registration table. If possible, the posting will be done at least a day prior to the planned closed session.

***Note:*** *It is policy to use metric units of measurement in publications; however, recommendations received by NCWM technical committees and regional weights and measures associations have been printed in this publication as submitted. Therefore, the report may contain references to inch-pound units.*

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| Subject Series List |

Education EDU Series

Program Management PMT Series

Other Items OTH Series

|  |  |  |
| --- | --- | --- |
| **Table A Table of Contents** | | |
| **Reference Key** | **Title of Item** | **PDC Page** |

[EDU – EDUCATION……………………………………………………………………………………………… 291](#_Toc61519727)1

[EDU-1 I Professional Certification Program 291](#_Toc61519728)

[EDU-2 I Training 295](#_Toc61519729)

[EDU-3 I Instructor Improvement 301](#_Toc61519730)

[EDU-4 I Recommended Topics for Conference Training 303](#_Toc61519731)

[PMT – PROGRAM MANAGEMENT 305](#_Toc61519732)

[PMT-1 I Safety Awareness 305](#_Toc61519733)

[PMT-2 I Skimmer Education Task Group 307](#_Toc61519734)

**Appendices**

[A EDU-2: Summary of NIST OWM Trainining Conducted in 2019 A312](#AppendixA)

[B EDU-2: NIST OWM Training - Future Plans B314](#AppendixB)

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| Table B Glossary of Acronyms and Terms |

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| --- | --- | --- | --- |
| **Acronym** | **Term** | **Acronym** | **Term** |
| CWMA | Central Weights and Measures Association | OWM | Office of Weights and Measures |
| NCWM | National Conference on Weights and Measures | PDC | Professional Development Committee |
| NEWMA | Northeastern Weights and Measures Association | SWMA | Southern Weights and Measures Association |
| NIST | National Institute of Standards and Technology | WWMA | Western Weights and Measures Association |
| SETG | Skimmer Education Task Group |  | |

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| **Details of All Items** *(In order by Reference Key)* |

# EDU – EDUCATION

EDU-1 I Professional Certification Program

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| **EDU-1** |
| **Regional recommendation to NCWM on item status:**  Recommend as a Voting Item on the NCWM agenda  Recommend as an Information Item on the NCWM agenda  Recommend as an Assigned Item on the NCWM agenda  *(To be developed by an NCWM Task Group or Subcommittee)*  Recommend as a Developing Item on the NCWM agenda  *(To be developed by source of the proposal)*  Recommend Withdrawal of the Item from the NCWM agenda  *(In the case of new proposals, do not forward this item to NCWM)*  No recommendation from the region to NCWM  *(If this is a new proposal, it will not be forwarded to the national committee by this region)* |
| **Comments and justification for the regional recommendation to NCWM:** *(This will appear in NCWM reports)* |
|  |

EDU-2 I Training

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| **EDU-2** |
| **Regional recommendation to NCWM on item status:**  Recommend as a Voting Item on the NCWM agenda  Recommend as an Information Item on the NCWM agenda  Recommend as an Assigned Item on the NCWM agenda  *(To be developed by an NCWM Task Group or Subcommittee)*  Recommend as a Developing Item on the NCWM agenda  *(To be developed by source of the proposal)*  Recommend Withdrawal of the Item from the NCWM agenda  *(In the case of new proposals, do not forward this item to NCWM)*  No recommendation from the region to NCWM  *(If this is a new proposal, it will not be forwarded to the national committee by this region)* |
| **Comments and justification for the regional recommendation to NCWM:** *(This will appear in NCWM reports)* |
|  |

EDU-3 I Instructor Improvement

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| **EDU-3** |
| **Regional recommendation to NCWM on item status:**  Recommend as a Voting Item on the NCWM agenda  Recommend as an Information Item on the NCWM agenda  Recommend as an Assigned Item on the NCWM agenda  *(To be developed by an NCWM Task Group or Subcommittee)*  Recommend as a Developing Item on the NCWM agenda  *(To be developed by source of the proposal)*  Recommend Withdrawal of the Item from the NCWM agenda  *(In the case of new proposals, do not forward this item to NCWM)*  No recommendation from the region to NCWM  *(If this is a new proposal, it will not be forwarded to the national committee by this region)* |
| **Comments and justification for the regional recommendation to NCWM:** *(This will appear in NCWM reports)* |
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EDU-4 I Recommended Topics for Conference Training

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| **EDU-4** |
| **Regional recommendation to NCWM on item status:**  Recommend as a Voting Item on the NCWM agenda  Recommend as an Information Item on the NCWM agenda  Recommend as an Assigned Item on the NCWM agenda  *(To be developed by an NCWM Task Group or Subcommittee)*  Recommend as a Developing Item on the NCWM agenda  *(To be developed by source of the proposal)*  Recommend Withdrawal of the Item from the NCWM agenda  *(In the case of new proposals, do not forward this item to NCWM)*  No recommendation from the region to NCWM  *(If this is a new proposal, it will not be forwarded to the national committee by this region)* |
| **Comments and justification for the regional recommendation to NCWM:** *(This will appear in NCWM reports)* |
|  |

# PMT – PROGRAM MANAGEMENT

PMT-1 I Safety Awareness

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| **PMT-1** |
| **Regional recommendation to NCWM on item status:**  Recommend as a Voting Item on the NCWM agenda  Recommend as an Information Item on the NCWM agenda  Recommend as an Assigned Item on the NCWM agenda  *(To be developed by an NCWM Task Group or Subcommittee)*  Recommend as a Developing Item on the NCWM agenda  *(To be developed by source of the proposal)*  Recommend Withdrawal of the Item from the NCWM agenda  *(In the case of new proposals, do not forward this item to NCWM)*  No recommendation from the region to NCWM  *(If this is a new proposal, it will not be forwarded to the national committee by this region)* |
| **Comments and justification for the regional recommendation to NCWM:** *(This will appear in NCWM reports)* |
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PMT-2 I Skimmer Education Task Group

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| **PMT-2** |
| **Regional recommendation to NCWM on item status:**  Recommend as a Voting Item on the NCWM agenda  Recommend as an Information Item on the NCWM agenda  Recommend as an Assigned Item on the NCWM agenda  *(To be developed by an NCWM Task Group or Subcommittee)*  Recommend as a Developing Item on the NCWM agenda  *(To be developed by source of the proposal)*  Recommend Withdrawal of the Item from the NCWM agenda  *(In the case of new proposals, do not forward this item to NCWM)*  No recommendation from the region to NCWM  *(If this is a new proposal, it will not be forwarded to the national committee by this region)* |
| **Comments and justification for the regional recommendation to NCWM:** *(This will appear in NCWM reports)* |
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Mrs. Brenda Geist, Kansas | Chair

Mr. Brian Fuller, Iowa | Member

Mr. Greg VanderPlaats, Minnesota | Member

Mr. Konrad Crockford, North Dakota | Member

Mr. Ryan Rodgers, Hoidale Company | AMC Representative

Mr. Scott Ferguson, Michigan | AMC Representative

**CWMA** **Professional Development Committee**

**Appendix A**

**Summary of NIST OWM Training Conducted in 2021**

(PDC Agenda Item EDU-2)

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| --- | --- | --- | --- |
| **Summary of NIST OWM Training Conducted in 2021** | | | |
| **Area/Course Name** | **Start Date** | **Location** | **No. of**  **Students** |
| **Laboratory Metrology** | | | |
| Fundamentals of Metrology & LAP Problems Preparation | 1/12/21 & 5/11/21 | Web-based | 6 |
| **Regional Measurement Assurance Programs** | | | |
| MidMAP | 10/24/21 | Web-based | 25 |
| NEMAP | 08/02/21 | Web-based | 21 |
| SEMAP | 03/22/21 | Web-based | 32 |
| SWAP | 08/30/21 | Web-based | 25 |
| WRAP | 05/03/21 | Web-based | 22 |
| **Webinars** | | | |
| Basic Uncertainty Concepts | 05/20/21 | Web-based | 8 |
| Contract Review | 03/11/21 | Web-based | 8 |
| Contract Review | 07/29/21 | Web-based | 5 |
| Document Control and Record Keeping | 03/04/21 | Web-based | 10 |
| Document Control and Record Keeping | 07/22/21 | Web-based | 6 |
| Info Hour – Assessing Field Standards for Calibration & Use (3 sessions: 6/22/21; 9/21/21; & 11/9/21) | 06/22/21 | Web-based | 172 |
| Software Verification & Validation | 06/10/21 | Web-based | 9 |
| State Laboratory Annual Submission Process | 07/01/21 | Web-based | 58 |
| **Laws and Metric Program** | | | |
| **Packaging & Price Verification** | | | |
| Handbook 130 – Examination Procedure for Price Verification  ***5 Sessions***: 1/21/2021; 2/16/2021; 4/14/2021; 7/14/2021; 10/1/2021 | 5 Sessions  Jan to Oct 2021 | Web-based | Total 178 |
| Handbook 130 – Overview of the Uniform Packaging and Labeling Regulation  ***4 Sessions:*** 2/17/2021; 4/15/2021; 7/15/2021; 10/7/2021 | 4 Sessions  Feb to Oct 2021 | Web-based | Total 156 |
| Handbook 133 – How to Test Animal Bedding  ***4 Sessions:*** 2/24/2021; 4/28/2021; 7/13/2021; 10/20/2021 | 4 Sessions  Feb to Oct 2021 | Web-based | Total  71 |
| Handbook 133 – Overview of Handbook 133  ***5 Sessions:*** 2/18/2021; 4/19/2021; 7/27/2021; 8/26/2021; 10/14/2021 | 5 Sessions  Feb to Oct 2021 | Web-based | 195 |
| Weights and Measures Inspections – Evidence, Search and Seizure, and Due Process  ***5 Sessions:***  1/26/2021; 2/23/2021; 4/22/2021; 7/1/2021; 10/26/2021 | 5 Sessions  Jan to Oct 2021 | Web-based | Total 183 |
| LPG (Propane) -Verifying the Net Contents of 20 lb Cylinders (Part 1) - NEW  ***4 Sessions:*** 6/30/2021; 7/26/2021; 8/24/2021; 10/21/2021 | 4 Sessions  Jun to Oct 2021 | Web-based | Total  338 |
| **Metric Education** | | | |
| Info Session – Metric Education Resources | 05/22/21 | Web-based | 5 |
| 09/11/21 | Web-based | 4 |
| 09/29/21 | Web-based | 6 |
| Info Session – Metric Estimation | 08/14/21 | Web-based | 6 |
| 09/15/21 | Web-based | 3 |
| Measurement System Basics – SI and US Customary Units for Regulatory Officials | 08/26/21 | Webinar | 23 |
| **Legal Metrology Devices** | | | |
| No training seminars were offered in 2021. | -- | -- | -- |

**Appendix B**

**NIST OWM Training: Future Plans – Updated Information**

(PDC Agenda Item EDU-2)

**No current commitments to in-person training for 2021**

* All in person field inspection classes postponed until further notice

**Training in FY 2022**

* Travel restrictions may lift later this summer
* Continuing to assess as the situation unfolds
  + Local pandemic restrictions
  + Travel restrictions for training staff and students
* Unclear how pandemic related restrictions will affect NIST OWM’s future in-person training for all programs
  + Impact of social distancing requirements on classroom size, configuration, and ability to present to groups of students
* Lab Metrology Program closely watching NIST OWM policies regarding hosting events in-person

**Training Going Forward**

* Will continue to offer virtual training
* Plan to expand available virtual training topics
* Experimenting with available technology and tools to best incorporate elements of “hands on” in-field inspection training

**Virtual Training Space**

* Significant progress on outfitting a virtual training space at NIST for OWM’s use in delivering virtual training
  + Small group within OWM has been working with their NIST staff to plan this effort
  + Space has been allocated and equipment purchases are in progress
  + Significant support from the Physical Measurement Laboratory (OWM’s larger operating unit)
  + Looking forward to beginning work on this space

**OW­­M Trainers**

* Participating in a variety of training courses as part of their professional development
  + Virtual training design, development, and delivery

**Considering Development of Hybrid Courses**

* For uses during and after pandemic
* Virtual sessions coupled with hands-on sessions using virtual technology and/or local on-site trainers to help facilitate

**See OWM Calendar of Events for Upcoming Training**

* [www.nist.gov/newsevents/upcomingevents/org/6436](http://www.nist.gov/newsevents/upcomingevents/org/6436)
* Note: A series of three new webinars planned on the topic of LPG Cylinder Refilling
  + LPG (Propane) – Verifying the Net Contents of 20 lb Cylinders (Part 1)” already in progress with several upcoming sessions