WELCOME!

NCWM Mission

- **The mission of the National Council on Weights and Measures (NCWM) is to ensure equity through uniform standards in a changing marketplace. Standards are set to:**
  - Promote commerce and fair competition
  - Ensure consumers "get what they pay for"
  - Foster confidence in marketplace transactions
- **NCWM is a not-for-profit association**
  - Federal, state, local, US territories, tribal, and international government officials
  - Manufacturers, retailers, service providers, and others
- **NCWM began operations in 1905**

Membership

Active Membership

Actively engaged in enforcement of laws and regulations

Vote on technical and business items, eligible to serve on committees

Associate Membership

Manufacturers, industry, businesses, consumers, and other interested persons

Vote only on business items, eligible to serve on committees

Advisory Membership

Representatives of federal agencies

Foreign government representatives

Other state and local government officials

No voting privileges, eligible to serve on committees

Non-Members

All others

No voting privileges, not eligible to serve on committees

National Institute of Standards and Technology (NIST)

NIST – Office of Weights and Measures

- Advisory role on committees, NTEP Sectors and Task Groups, Executive Secretary for NCWM Board of Directors

- Analyzes, evaluates, and testifies on proposals

- Publishes standards adopted by NCWM – NIST Handbooks

- Liaison with other federal agencies and foreign governments, US representative to OIML

- Develops and publishes technical guidance documents

- Conducts technical training for weights and measures officials and industry

- Operates NIST Metrology Laboratory

- Metrology laboratory recognition and training for metrologists

Measurement Canada

- Advisory role on committees, NTEP Sectors and Task Groups

- Promote harmonization between US and Canada

- Mutual Recognition Agreement (MRA) for NTEP Certification

- Valued participants at our conferences and meetings

Regional Associations

- **Regional Associations**
  - Discuss weights and measures issues
  - Make recommendations on proposals submitted to NCWM
  - Organizational structure similar to NCWM
- **Four Regional Associations**
  - Western Weights and Measures Association (WWMA)
  - Southern Weights and Measures Association (SWMA)
  - Northeastern Weights and Measures Association (NEWMA)
  - Central Weights and Measures Association (CWMA)
- **Regional Meetings**
  - Annual Meeting
  - Interim Meeting – NEWMA and CWMA

NCWM Meetings

Interim Meeting – January

- Hear testimony on new and carried forward items
- Develop items in greater detail – make recommendations to submitters
- Determine status of items for consideration at Annual Meeting
- Conduct training, subcommittee and task group meetings

Annual Meeting – July

- Hearings on Voting and Informational items only
- Vote on Items for adoption into next years Handbooks
- Conduct training, subcommittee and task group meetings, regional meetings

Other Meetings – As Required

- Committees, NTEP Sectors and workgroups, subcommittees, task groups
- Usually conducted virtually

Interim Meeting Overview

Sunday

- Subcommittees & Task Group Meetings

Monday

– General Session/Open Hearings

Tuesday

– Morning - General Session/Open Hearings (if necessary)
– Afternoon – Committee Work Sessions and Technical Sessions

Wednesday
- Technical Session
- Joint Committee Meeting

Annual Meeting Overview

Subcommittees & Task Groups
Sunday Morning & Afternoon

Open Hearings
Monday

General Session
Tuesday Morning

Work Sessions
Monday & Tuesday Afternoon/Evening

Technical Sessions
Tuesday Afternoon

Regional Meetings
Wednesday Morning

Voting Sessions
Wednesday Afternoon & Thursday Morning

Closing Ceremony
Thursday Morning

Chairman's Reception
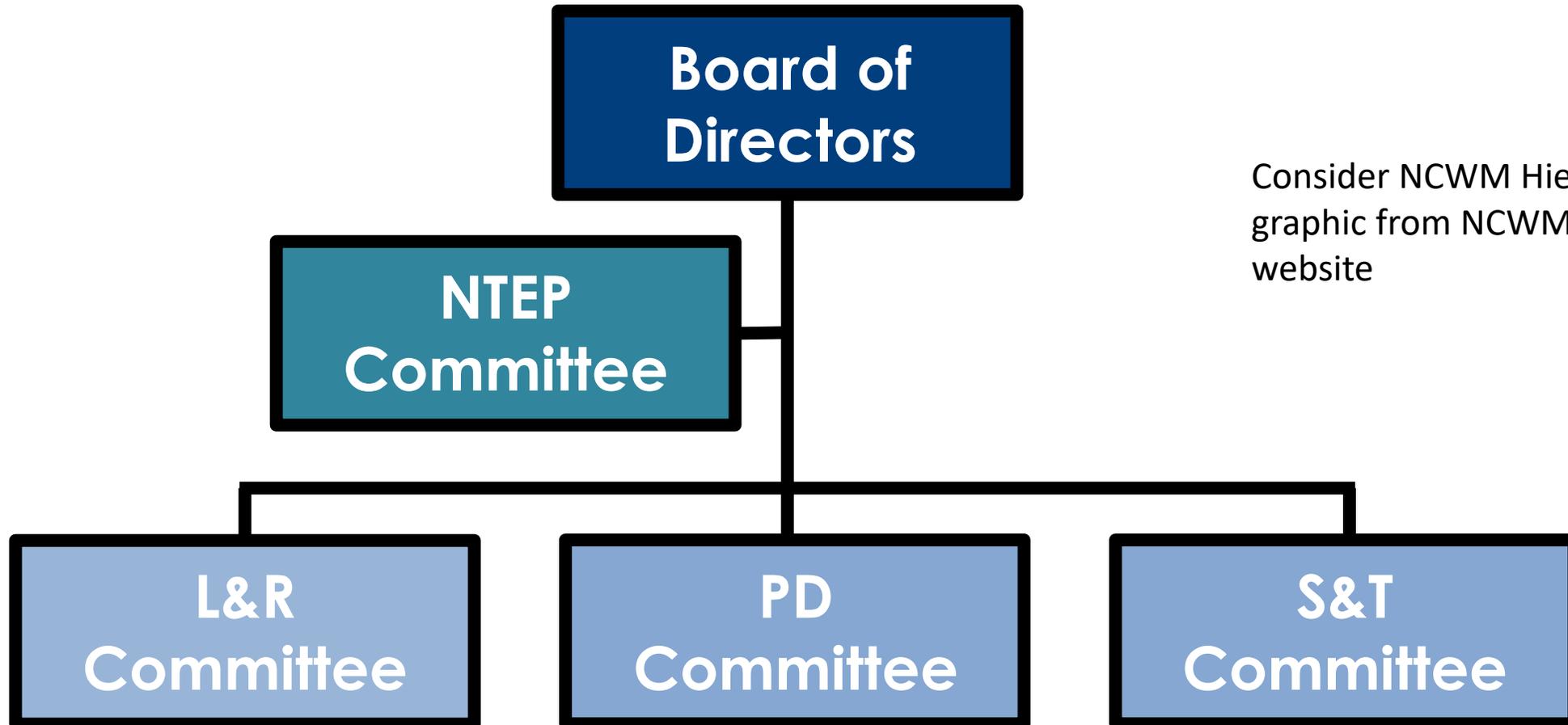Sunday Evening – Interim and Annual

Light Breakfast
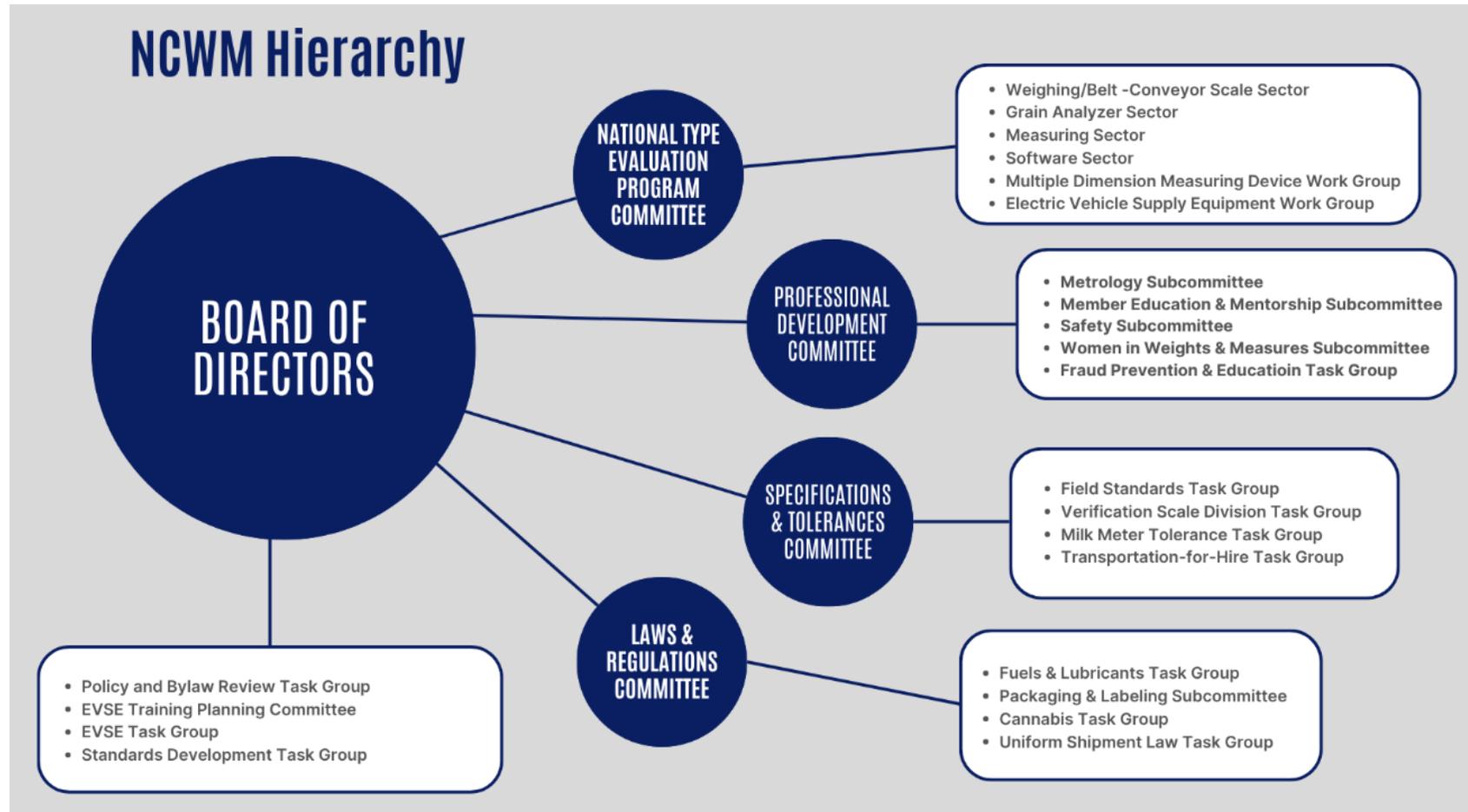Interim and Annual

Special Event
Wednesday Evening - Annual

NCWM Organization

Board of Directors

NTEP Committee

L&R Committee

PD Committee

S&T Committee

Consider NCWM Hierarchy graphic from NCWM website

NCWM Organization

NCWM Hierarchy

BOARD OF DIRECTORS

NATIONAL TYPE EVALUATION PROGRAM COMMITTEE
- Weighing/Belt-Conveyor Scale Sector
- Grain Analyzer Sector
- Measuring Sector
- Software Sector
- Multiple Dimension Measuring Device Work Group
- Electric Vehicle Supply Equipment Work Group

PROFESSIONAL DEVELOPMENT COMMITTEE
- Metrology Subcommittee
- Member Education & Mentorship Subcommittee
- Safety Subcommittee
- Women in Weights & Measures Subcommittee
- Fraud Prevention & Educatioin Task Group

SPECIFICATIONS & TOLERANCES COMMITTEE
- Field Standards Task Group
- Verification Scale Division Task Group
- Milk Meter Tolerance Task Group
- Transportation-for-Hire Task Group

LAWS & REGULATIONS COMMITTEE
- Fuels & Lubricants Task Group
- Packaging & Labeling Subcommittee
- Cannabis Task Group
- Uniform Shipment Law Task Group

- Policy and Bylaw Review Task Group
- EVSE Training Planning Committee
- EVSE Task Group
- Standards Development Task Group

NCWM Committees

Professional Development Committee (PDC)
Training, Education, Certification and Safety

Laws and Regulations Committee (L&R)
Packaging, Labeling, Net Content, and Fuel Quality - *NIST Handbooks 130 and 133*

Specifications and Tolerances Committee (S&T)
Scales, Meters and Measuring Devices - *NIST Handbook 44*

Board of Directors (BoD)
Business operations, bylaws and policies, finance, and external relations

National Type Evaluation Program (NTEP)
Administration of NTEP - NCWM Publication 14

NCWM Committees

Standing Committee Members

- Regulatory officials – Five with at least one from each regional association
- Associate Member Representative – at least one per committee
- NIST Technical Advisor(s)
- Canadian Technical Advisor
- NCWM Technical Advisors (S&T Committee Only)
- Subcommittees and Task Groups - Support the committees

How Standards are Set

Process Starts With a Form 15

- Propose a new code or amendments to existing code

- Proposed final code language

- Detailed justification for change

- Technical data or statistics to support the proposed change

- Submit to NCWM by August 15 - Preferred

- May submit directly to regional association

- Regional may choose not to accept the proposal

How Standards are Set

NCWM Process and Procedure

- Assigns an item number to the proposal
- Submits to regional associations

Regional Associations

- Accepts item and assigns to a standing committee
- Conducts hearings – comments from regulators, submitters and others
- Conducts work sessions – evaluates items, considers comments, may suggest changes
- Submits report to NCWM – recommends status and makes comments
- Regional processes and procedures may be less formal than NCWM
- NIST Technical Advisors sometimes participate at regional annual meetings

NCWM Committee Operations

Hear testimony at open hearings

Conduct work sessions to determine item status

- Committee considers oral testimony and written submissions
- Committee determines if each item is ready for Voting status or assigns another status
- Only committee members can participate in discussions
- Committee chair may request comments for clarification from the submitter
- Others may attend the work session

The committee may request items be assigned to a task group or subcommittee

- NCWM Board Chair approves or disapproves

The committee is not responsible for fully developing an item

The committee may change status of an item until voting begins

Item Status

- **VOTING (V)**
  - Item is fully developed and ready for vote
- **INFORMATIONAL (I)**
  - Item has merit and the committee will take ownership for further development
- **DEVELOPING (D)**
  - Item has merit but will be returned to the submitter or a task group for further development
- **WITHDRAWN (W)**
  - Item does not have merit or support and will be removed from the agenda
- **ASSIGNED (A)**
  - Item has been assigned to a subcommittee or task group typically consisting of subject matter experts for further development

Meetings - Open Hearings

Your Opportunity to Testify or Make a Presentation

- Interim Meeting – testimony on all items

- Annual Meeting – testimony on Informational and Voting status items only

- Must have Committee approval to make a presentation (10 minute limit)

Written Testimony

- You do not need to be present to submit written materials

- Letters and technical data may be submitted before meetings

- See NCWM Policy 2.4.5. for more information

Meetings - Open Hearings

Testimony

- Comments limited to 5 minutes

- Follow-up comments may be made after other attendees have testified

Protocol

- Approach the Microphone, wait to be recognized by Committee Chair

- State your name and who you represent

- Make your comments

- For extensive or complex comments, be prepared to submit a written version to the committee

Committee Work Sessions

Anyone May Listen to Committee Deliberations

Schedule

- Monday and Tuesday afternoons

- Times are as scheduled or as announced by committee chair

- Usually announced at official sessions and on Yapp App

Rules and Processes

- Sessions are not open for new or repeated testimony

- Observers are not allowed to participate unless requested by the committee

- The Committee comments and recommendations are published and available Tuesday evening or Wednesday morning

Voting

Voting is Conducted at Annual Meeting

- Held on Wednesday and sometimes extends to Thursday
- Voting items appear with a "V" on the Committee agendas
- Items may be grouped in a block for efficiency

Two House Voting System

- House of Representatives - all state directors, representatives of U.S. Territories, and Native American Tribal representatives
- House of Delegates - all other Active Members
- Must be present to vote – quorum in each house is required

Addendum Sheets Published Tuesday Evening

- Sheets show changes in status and final amendments

Voting Session

A presiding officer and committees conduct the voting session

- Roberts Rules of Order are used during the voting session
- Committees may change item status prior to voting
- Testimony and amendments are allowed during the voting session
- An item may be removed from the block at request of a member

Voting

- To pass in the House of Representatives there needs to be a majority vote with a minimum of 27 votes
- To pass in the House of Delegates a simple majority is required.
- An item or block must pass both houses to be adopted

Voting Session

Passed Items

- Submitted to NIST for publication in the Handbooks
- NIST may make minor edits
- Handbooks are effective January 1

Failed Items

- Withdrawn – submitter may resubmit next year
- May be returned to committee for further consideration

Tips for a Productive Meeting

Be yourself

Everyone is approachable

Listen, speak, and participate

Attend as many sessions and events as possible

Use the Yapp App

Please ask if you have questions

GET THE MEETING APP FOR EVERYTHING AT YOUR FINGERTIPS

- Schedule of Events
- Personalized Daily Schedule
- Publication 16
- Supporting Documents
- Presentations
- Addendum Sheets
- Announcements
- Social Feed
- Attendee Information
- Exhibitor Information

Thank you!
Questions