

WELCOME!

INSULATED CONDUCTORS COMMITTEE
(ICC)



ORIENTATION
Fall 2001 Meeting

Rick Hartlein
Immediate Past Chair

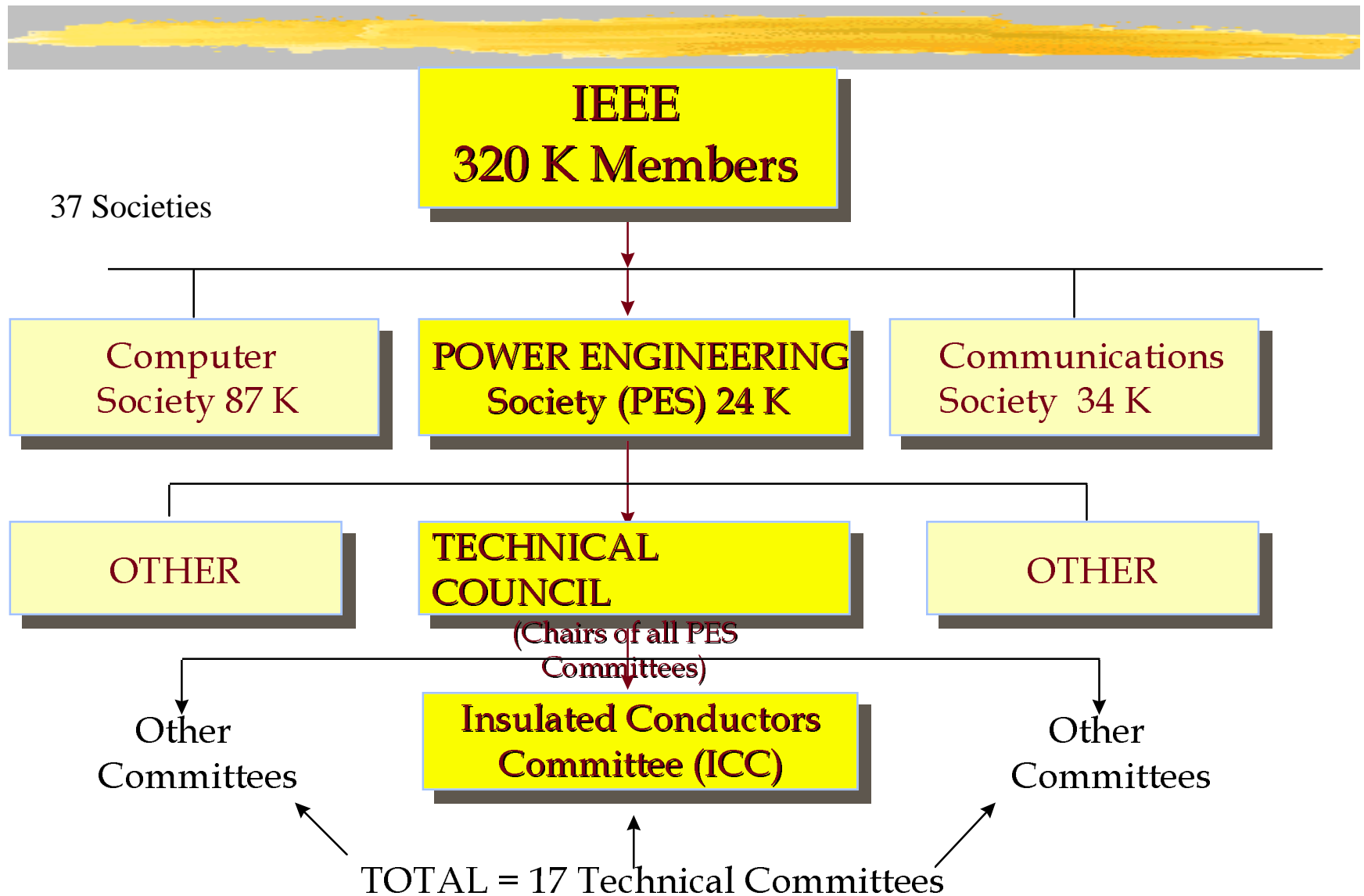
ICC ORIENTATION

Agenda



- Where Does ICC Fit within IEEE?
- ICC Mission
- ICC Scope
- ICC Precepts
- ICC Organization
- ICC Meeting Format
- How Can You Actively Participate in ICC?
- ICC Membership Requirements
- Recommendations

IEEE: WHERE DOES ICC FIT ?



INSULATED CONDUCTORS COMMITTEE (ICC)

MISSION



Continuously Improve:

- Fundamental Technological Understanding
- Practical Application
- Safe Use

of Conductors Having Applied Insulation or Coverings.

INSULATED CONDUCTORS COMMITTEE (ICC)

SCOPE (1)



Design, Manufacture, Installation, Operation
Testing and Maintenance of

*Materials, Accessories and Structures of Insulated
Conductors, including Fiber Cores.*

*Used in Generation, T&D and Utilization of Electric
Energy.*

INSULATED CONDUCTORS COMMITTEE (ICC)

SCOPE (2)



Scope Includes:

- Conductors, Shields, Sheaths and Coverings
- Accessories, Structures
- Tests and Measurements

Scope Excludes:

- Insulation for Machinery.

INSULATED CONDUCTORS COMMITTEE (ICC)

SCOPE (3)




Includes Cable Systems:

- at Power Generating Stations and Substations
- for T&D and Utilization
- for Special Purposes or Applications
- identified in NEC and other International Standards.

Note: Subjects Covered by another Society or Committee Require Joint or Coordinated Treatment.

INSULATED CONDUCTORS COMMITTEE (ICC)
PRECEPTS(1)



ICC Efforts Shall Be Guided by:

- Technical Merit
- Practical Use
- Conformance to ICC Scope.

INSULATED CONDUCTORS COMMITTEE (ICC)

PRECEPTS(2)




ICC Standards and Guides Shall Be:

- Performance Based
- Continuously Reviewed and Updated
- Developed and Disseminated to Benefit Industry and Society as a Whole.

ICC Standards and Guides Shall not Serve Individual Commercial Interests.

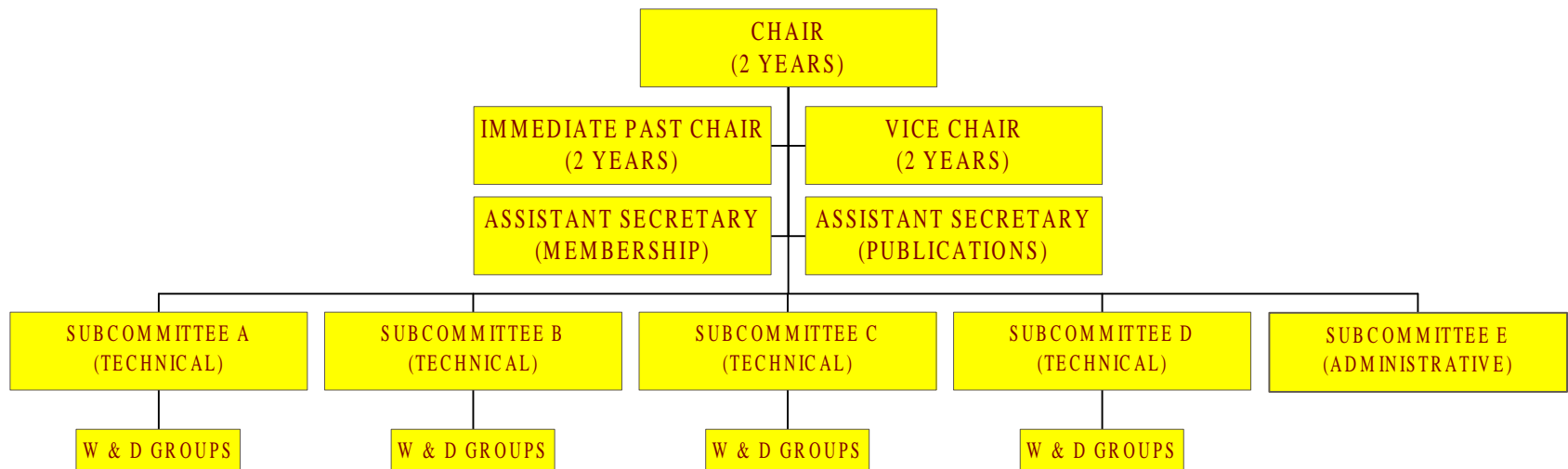
INSULATED CONDUCTORS COMMITTEE (ICC)
PRECEPTS(3)



As Source of Technical Expertise within IEEE, ICC Shall:

- Coordinate Development and Publication of All IEEE Technical Documents Related to ICC Scope
- Implement Effective Educational Programs with Broad Appeal
- Conduct well Organized and Open Technical Meetings
- Encouraging Free Flow of Ideas and Development of Actions
- Be Committed to the Globalization of IEEE

ICC - ORGANIZATION



ICC - ORGANIZATION SUBCOMMITTEES



- WHERE THE ACTION IS
- TECHNICAL PRESENTATIONS
- *INTERESTING* DISCUSSION
- REVIEW OF WORKING & DISCUSSION
GROUP ACTIVITIES
- PRELIMINARY BALLOTS

(A) Cable Construction and Design Subcommittee



Scope: All issues related to materials, construction, design and manufacturing of insulated cables.

WG & DG: *Various*

Chair: Allen MacPhail

Vice Chair: Serge Pellissou

(B) Accessories Subcommittee



Scope: **All issues related to cable terminations and joints**

WG & DG: ***Various***

Chair: **Bob Gear**

Vice Chair: **Thomas Champion**

(C) Cable Systems Subcommittee



Scope: All issues related to
installation, operation and
testing of cable systems

WG & DG: *Various*

Chair: John Cooper

Vice Chair: Nagu Srinivas

(D) Station, Control and Utilization Cables Subcommittee

Scope: All issues related to testing, assembly, operation and construction of cable systems not normally employed on transmission and distribution systems. This includes station cables, control cables, fiber optic cables, etc.

WG & DG: *Various*

Chair: **Kent Brown**

Vice Chair: **John Merando**

(E) Administrative Subcommittee



Scope: All issues related to the effective, efficient operation of the ICC and for the development and presentation of special ICC related activities.

Education - Steve Szaniszlo

Standards - Shan Nandi & Gary Polhill

On to 100 - Rick Hartlein & Ken Bow

Transnational - Harry Orton

All Chairs - Mike Walker

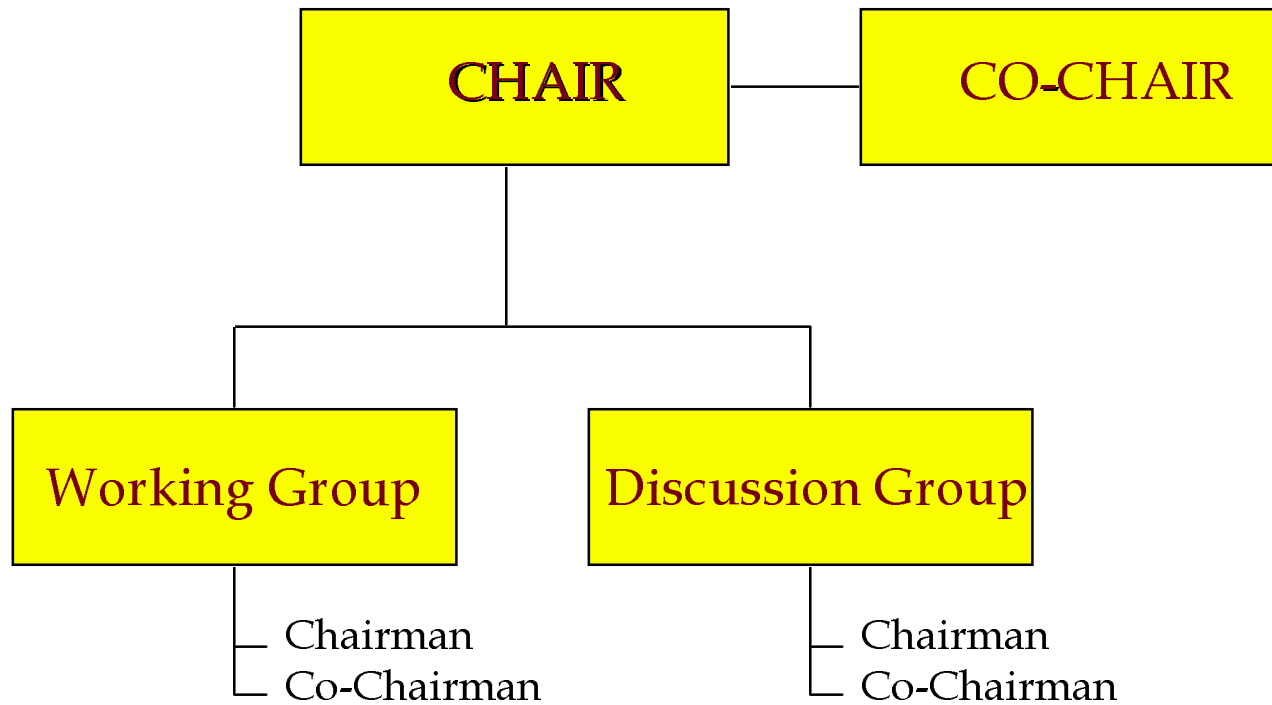
Awards - Lauri Hiilvala

Chair: Current ICC Chair - Mike Walker

Vice Chair: Current ICC Vice Chair - Ken Bow

Members: ICC Officers, Subcommittee Chairs, Special Session Chairs and Assistant Secretaries

ICC - SUBCOMMITTEES



ICC - WORKING GROUPS



GROUP ASSEMBLED TO PREPARE A
DOCUMENT OR POSITION PAPER ON A
FOCUSED SUBJECT

- GUIDES
- STANDARDS
- PAPERS

ICC - DISCUSSION GROUPS



- GROUP ASSEMBLED TO DISCUSS AN ISSUE
- OF IMPORTANCE TO ICC MEMBERS

- MANY WORKING GROUPS BEGIN AS
- DISCUSSION GROUPS

ICC - MEETING FORMAT



ICC - MEETING FORMAT



Modified for this Joint Meeting with the IEEE T&D Conference and Exposition

- *Special Panels - Tuesday*
- *Educational (Training) Program - Tuesday Afternoon*
- *ICC Reception - Tuesday Night*
- *Opening Session - Wednesday Morning*
- *Subcommittee Meetings - Wednesday & Thursday*
- *Working & Discussion Groups - Wednesday & Thursday*
- *Special Papers - Friday Morning*

ICC - ACTIVE PARTICIPATION



- Register for Meeting
- Buy and Read Previous Minutes
- Attend any Presentations of Interest - *Review Schedule*
- Attend Any Meeting of Interest
- To Add your Input - Ask for Opportunity to Speak
- Join Working Groups and/or Discussion Groups
- Leave Quietly at Any Time
- Seek Mentor from the “Elders”

Membership *REQUIREMENTS*



- Must Be Member of the IEEE/PES
- Must Attend Two out of Last Four ICC Meetings as Guest
- Must Apply to ICC Chair for Membership
- Must Vote on WG and Subcommittee Ballots when Appropriate

Voting Membership *REQUIREMENTS*



- Must Be Member of the IEEE/PES
- Must Attend Two out of Four Last ICC Meetings as Member
- Must Apply to ICC Chair with Endorsement from a Subcommittee Chairman
- May Vote on all Committee Ballots
- To vote on any IEEE ballot, you must be a member of the IEEE Standards Association!!

Corresponding Membership - *REQUIREMENTS*



- Must Be Member of the IEEE/PES
- May Participate in WG and SC Activities in Person or by Correspondence
- Must Return Ballots Regularly

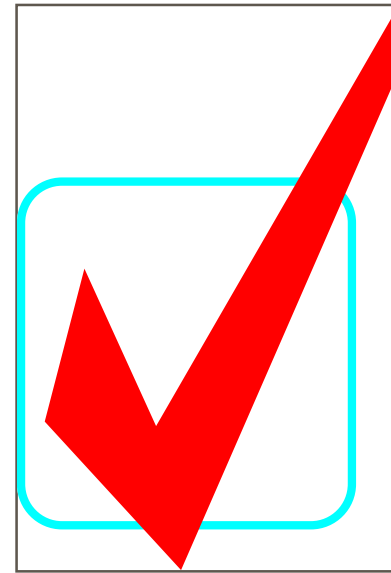
INSULATED CONDUCTORS COMMITTEE (ICC) *RECOMMENDATIONS*

- Return Home Richer

- Technically
- Socially

- Sell ICC to Your Company and Colleagues

- Have Fun!



For More Information About the ICC



Go to:

<http://www.ewh.ieee.org/soc/pes/icc/>