

Blackman
File 9/27/62

5.30.326

9-MAN TECHNICAL COMMITTEE

Notes on 1st Meeting 9/27/62

Lawton - Explain TOD

67 TCs. 7000 members TC, SC, Working Groups
Group of experts - selected and appointed.
Vital factor of developing each technology.
Contributing members taking leadership.
TC work includes: Meetings and papers
Standards
Over $\frac{1}{2}$ AIEE papers are CPs (Preprinted)

A. A. Cohen - IRE

Separation of papers, meetings, publication, and standardization activities.

29 PGs (based on grass roots).
PG chapter of PG in local election want formal participation
at section level
LA has 18 chapters.

Each PG has Administrative Committee
Each PG has Constitution & Bylaws

Organization of meetings by PG
(Only half of IRE members belong to PG (Find, Weber).)
PG memberships total 90,000.
Tendency IRE to regard themselves as specialists.

National PG - sub-society in sense.
Each PG publishes IRE Transactions on (PG names)
Vary in publishing time
Some twice/yr.; others quarterly or bimonthly
Published via headquarters
Only eligible for "institutional" "business card" advertising -
must be non-competitive with Proceedings. Largest 12,000 cir.
Informal function of staff who would bring to attention of the
"Editor."
Possibly not specific paper, but general trend.

Meetings - arranged in every possible way
Sessions at IRE International Convention
" " STC (national, regional, section)
" " Forums

Papers at Conference appear usually only in Proceedings of the
Conference (and not in PG Transactions)

PG "Editor" is final authority of what papers are to be published
in PG Transactions

Usually have general call, or Program Committee may fix up as they wish.

IRE much presentation without publication.

IRE much ~~presentation~~ without presentation.
publication

Informal "hot" discussion at meeting.

Later author sends in "regular" paper for publication.

Record of "Convention Record" no formal review. Do for every Convention practicable.

No tight coupling for papers accepted and papers published.

Topical value when spoken.

Permanent reference value when PG Transactions printed.

For PG operation most anything permissible; nothing prohibited.

PGs support own operation.

Headquarters subsidy $\frac{1}{4}$ PG publication \$ budget

" editorial service-overhead.

Meeting fees

Sales of publication

Over-run of PG Trans. for 3-yr. surplus

Institutional listing adds

"Non-profit" intent of operation

Some PGs retain part-time paid Editor

PG Chapter per se has no separate finance fund, but Headquarters gives \$ to Section for Chapters, No. of meetings.

PG Transactions primarily to provide cohesion between the Groups.

Information Theory.

Some high grade little news items - some have separate News Letter

Some photo offset from typewritten copy.

Vehicular Communication

No formal "discussion" - some discussion in Letters to Editor

Possibly IRE Proceedings "Letters to Editor" - discussing what's been published.

PG new post war approach - ~~been~~ deliberately kept control informal
- and serve as holding co.

Level of each PG to be sought by own members - some high professional level.

Broadcast & TV PG want photo offset - can get more pages instead of fewer printed pages.

Most authors would like to have paper first published in IRE Proceedings.
Sent to Editorial Board.

IRE Proceedings papers little broader or if a new "break through"
can be specialized.

IRE Proceedings going to get material, have reference material
up to date text book 3 or 4 yr.

IRE Tutorial

Depends on attitude of mind of Reviewers and Gannett.

Some PGs publish "Special Issues" on general topic/and all authors
comment on other papers before publication.

IRE doesn't have discussion - delays publication about 1 yr in AIEE.
That is too long in IRE. Outpouring of material in IRE so much -
less than 1/3 have had presentation.

\$13 billion government R&D cause developments at rapid rate - formal
processing delays publication.

IRE pattern relies on "critique" of Editorial Board.

Computers PG can only publish 50% - less than easy to publish in
PGs. "Clip Level" discretionary area of Editor.

Review Board refers papers they don't want to concerned PG.

About 3 months of material in IRE Proceedings.

What is it for PG to stay with IRE
Subsidy for publications
Headquarters services

PG Editor may take papers from any source with Referees.

Some PGs have Publications Chr. in addition to Editor

1961 Total Publ. of PG Transactions - \$400,000. $\frac{1}{4}$ from subsidy (100,000)
About \$250,000 also included as headquarters overhead (staff).
PG assessment \$2, \$3, \$4 (one at 6).

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Model Constitution and Bylaws
Admin.

Nominating Committee and all members vote
Nominating Committee and holdover committee 9 least
3 yr terms about 12 "
21 largest

Usually try to get national spread.

PG spectrum has not been planned.

PG held together by, periodical
budget
Headquarters services
Some STC and meetings

PG Audio Chapters in 17 Sections
In Boston Section, 12 PG Chapters.

IRE Standards - Dr. Minno

IRE 29 PG
IRE 828 people in Standards work
AIEE 67 TC

IRE separate off standards from papers, meetings, publications.
Graphical symbols, methods of measurements, definitions, but not
performance standards.

Procedures for standards:

Threshing out in full committee - wastes too much time by
group editing
Needs better instructions, especially to new members
(Have Manual of Standards - M. W. Baldwin preparing new manual.)

Approval

TC asks subcommittee prepared
Send "Proposed Tour" on "Grand Tour" - all IRE TCs as proposed
standard
ASA
Many comments received and sent to TC

Standards Committee + Consultant - General
Practitioner Jury

Standard gets short "trial run" by "non-specialists" rather than
specialists. Everyone should understand. *even tho not specialist in field*
Presentation may be clear to specialist, but not to generally
informed technical people present.

Go through manuscript - notations made on manuscript and people
speak to the point of his comment. Chairman of Standard accepts,
argues, modifies, rejects.

Often OK'd on the spot and does not have to go back to TC.

(Lawton) Should IEEE as "non-national" organization be active in domestic
or national standards? //

Individual members - own personal knowledge

Chairman of TC - selects members to cover field and members appointed by Executive Committee.

Recommended by Chairman of Standards Committee and appointed by the Executive Committee.

26 technical committees Recognition of need for new standards project initiated by Standards Committee.

About half correspond to Any PG that wants standards must get OK from Standards Prof. Groups Committee to Board to appoint.

Often technical work is generation of need for standard.

Standards Committee is boss insofar as acting on a recommendation for new standard.

Magnetic Amplifiers - first job was nomenclature published as proposed standard.

Nuclear Glossary - not a standard.

Note: discussed with Cyril Venott IEEE stds - he supports
700 position strongly 10/4/62