

Technical Sessions

	Total	Attendance		
		M	S	V
<u>Feb. 19, 1940</u>				
Electricity at War - Commdr. Dreller, USN	125	75	25	25
<u>Feb. 24, 1940</u>				
Inspection Trip - Naval Radio Station, Arlington, Va.	89	64	10	15
<u>Feb. 28, 1940</u>				
Electricity in Naval Radio Communications - L. A. Gebhard, NRL	58	40	8	10
<u>Mar. 28, 1940</u> - Junior Technical				
Rural Power Systems - H. Breitman - REA	70	40	10	20
<u>Mar. 30, 1940</u> - Junior Technical				
Inspection Trip - REA Project So. Maryland	39	30	4	5
<u>April 27, 1940</u>				
Inspection Trip Signal Corps Message Center, Munitions Bldg.	31	20	5	6
<u>April 13, 1940</u>				
Inspection Trip Capital Radio Institute	60	35	15	10
<u>April 22, 1940</u>				
Elec. in War --- (Mjr. P. C. Gripper - Signal Corps (Mjr. R. B. Moran - Field Comm. (Col. L. B. Bender - Comm. Research & Development	60	45	5	15

April 30, 1940

Elec. in Corps of Engrs. - F. P. Fallowfield -

Total	Attendance		
	M	S	V
70	50	10	10

Oct. 23, 1940 - Junior Technical

Methods of Using Complex Quantities and
Determination of Percent Values of Impedance

89	45	15	29
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Oct. 30, 1940 -- Junior Technical

Symmetrical Components - Use of Specator "A" and resolving unbalanced
vectors into components to obtain positive, negative and zero phase
sequence quantities.

65	40	10	15
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Nov. 6, 1940 - Junior Technical

Symmetrical Components - Current and Voltage Relations in Transformations;
Rotating Machines; and independence of sequences in symmetrical systems

60	40	10	10
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Nov. 13, 1940 - Junior Technical Session

Symmetrical Components - Kenhoff's laws and general network
transformation - Calculation of Unbalanced Faults

51	36	8	7
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Nov. 27, 1940

Symmetrical Components - Unbalanced Fault Calculations

46	32	4	10
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Dec. 4, 1940 - Junior Technical Session

Symmetrical Components - Review of subject matter previously
covered in course and further examples of fault calculation

36	28	1	7
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Dec. 11, 1940 - Junior Technical Session

Symmetrical Components - Sequence Impedance of Transformers
for various types and connections

36	28	1	7
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Dec. 18, 1940

Symmetrical Components - Constants of Synchronous Machines
under Short-Circuit Conditions

Total	Attendance		
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27	21	0	6
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Nov. 27, 1939

Elec. Power in Aircraft - V. Grant - Bu. Aero. U.S.N.
Dr. M. F. Peters - NBS
Mr. Hauck - Bondix Radio Corp.

140	80	30	30
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Dec. 9, 1939

Inspection Trip - Bolling Field

175	100	45	30
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Dec. 18, 1939

Elec. in Aviation

130	80	20	30
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Power - Elec. vs Hydraulic
Main vs Aux. Eng. Gen Drives
Gen. Units
AC & DC Power in Aircraft
Elec. Operated Aircraft Ordnance Equip.

Communications: Elec. System Designs
Military Aircraft Transmitters
Aircraft Radio Receivers and Direction Finders
Blind Landing
Radio Aircraft Radio Operation

17	17	0	0
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Feb. 26, 1941

Application of symmetrical components to long transmission lines

21	19	1	1
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April 22, 1941

"Is The Institute Fulfilling Its Obligations To The Engineer?" -
H. H. Henline - Sec. AIEE

28	26	1	1
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Feb. 27, 1941

Special Features Meeting
Railroad Electrification - C. Kerr, Jr. Westinghouse

78	48	3	27
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Mar. 5, 1941

Types, Constants and Characteristics of Cables

18	18	0	0
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Mar. 8, 1941

Inspection Trip Washington Terminal

117	50	20	47
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Mar. 27, 1941

Special Feature
Illumination - R. G. Slauer - Westinghouse Lamp Co.

70	50	10	10
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Apr. 19, 1941

Inspection Trip Bethlehem Steel Sparrows Point

120	80	20	20
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Oct. 17, 1946

Design Requirements of Industrial Power Systems by P. J. Walton -
General Electric Co.

75	60	0	15
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Oct. 22, 1946

Highlights of Mathematics - Dr. D. Harkin - NRL

33	28	0	5
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Oct. 30, 1946

Electronics of The V-2 Rocket - Mjr. W. W. Hutton R&D
Dr. E. H. Krause NRL
Dr. H. E. Tatel John Hopkins Lab.

150	135	0	15
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Nov. 20, 1946

Application of Wire Resistance Strain Gauge - Dr. G. W. Cook -
David Taylor Model Basin

50	45	0	5
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Nov. 27, 1946

Photovision - Dr. T. T. Goldsmith of Allan B. DuMont Lab.

350	200	0	150
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Dec. 5, 1946

Distribution Systems in Industrial Plants - J. S. Parsons -
Westinghouse Elec. Corp.

21	18	0	3
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Dec. 18, 1946

Electronic Heating - R. M. Baker - Westinghouse Elec. Corp.

25	18	0	7
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<u>Jan. 22, 1947</u>				
Power Network Solution by Machines - L. A. Dunstan - FPC	47	17	0	30
<u>Jan. 29, 1947</u>				
Aircraft Elec. System Testing - P. H. Merriman, Glenn H. Martin Co.	35	25	0	10
<u>Feb. 11, 1947</u>				
New Developments in Elec. Batteries - Dr. G. W. Vinal - NBS	45	29	0	16
<u>Feb. 27, 1947</u>				
High Voltage Transmission Possibilities - S. E. Schultz - Bonneville	55	40	0	15
<u>March 5, 1947</u>				
Urban and Highway Mobile Radiotelephone System by W. C. Warman - C&P Tel. Co. --	70	28	3	39
<u>March 19, 1947</u>				
Demonstration of Digit Calculator - Dr. D. Harkin - NRL	35	19	3	13
<u>March 26, 1947</u>				
Television on Coaxial Cable - C. E. Schooley, AT&T Co.	117	52	3	62
<u>April 2, 1947</u>				
Elec. Characteristics of Aircraft in Flight - Dr. R. Gunn - U. S. Weather Bureau	25	17	0	8
<u>April 16, 1947</u>				
International Standardization of Aerodromes, Air Routes and Ground Aids - J. F. Angier, CAA	15	13	0	2
<u>April 24, 1947</u>				
Use of Aerial Cable as an extension of Underground Cable in Urban and Congested Areas - Fred Hill - PEPCO	30	0	25	5

	Total	Attendance		
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<u>May 7, 1947</u>				
Introduction to Servo Mechanisms - Dr. W. Good - Johns Hopkins	65	55	0	10
<u>May 21, 1947</u>				
Ram-Jet Research and Development - Dr. J. E. Clark - Johns Hopkins	41	30	0	11
<u>May 28, 1947</u>				
Pulse Time Modulation - Dr. L. J. Cutrona - Federal Tel. Lab.	39	25	0	14

	Total	Attendance		
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<u>October 23, 1951</u>				
Capacitor Engineering - R. E. Marbury, Westinghouse	60	50	5	5
<u>Nov. 27, 1951</u>				
Defense Mobilization of Electric Power J. F. Fairman, Admins. DEPA	97	81	3	13
<u>Feb. 26, 1952</u>				
Putting the Magnetic Movement of the Atom to Work - A. H. Ryan, N.R.L.				
<u>Mar. 25, 1952</u>				
Symposium on Development and Use of Mobile Power Equipment by The Navy Comdr. Corradi, Messrs. Towsy, Deming and Friday of Bu. Y&D				