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MEDICAL SECTION
FORTY-SEVENTH MEMBERSHIP MEETING

FEBRUARY 20, 21 AND 22, 1967
MOUNTAIN SHADOWS HOTEL
PHOENIX, ARIZONA

#1602

ASSOCIATION OF
AMERICAN RAILROADS

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REPORT
of the
FORTY-SEVENTH MEMBERSHIP MEETING
of the

MEDICAL OFFICERS

HELD AT

MOUNTAIN SHADOWS HOTEL
PHOENIX, ARIZONA

February 20, 21 and 22, 1967

Published by the
ASSOCIATION OF AMERICAN RAILROADS
OPERATING-TRANSPORTATION DIVISION
Staff Secretary
59 East Van Buren Street
Chicago, Illinois 60605

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OFFICERS AND COMMITTEES
1966-1967

John R. Winston, M.D., Chairman
Southgate Leigh, Jr., M.D., Vice-Chairman
W. E. Todd, Staff Secretary

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- V. W. Hollo, M.D., Chief Surgeon, St. Louis-San Francisco Railway, 4960 Laclede Ave., St. Louis, Missouri 63108
- J. W. Houk, M.D., Medical Director, Norfolk & Western Railway, Roanoke, Virginia 24011
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- Peter Vaughan, M.D., Chief Medical Officer, Canadian National Railways, P. O. Box 8100, Montreal, Quebec, Canada

(Terms expire 1968)

- Isadore Kaplan, M.D., Medical and Surgical Director, Medical Department, Baltimore & Ohio Railroad and Baltimore & Ohio Chicago Terminal Company, Baltimore, Maryland 21201
- E. C. Olson, M.D., Chief Surgeon, Illinois Central Railroad, 5800 Stony Island Avenue, Chicago, Illinois 60637
- B. W. Stockwell, M.D., Chief Surgeon, Detroit & Toledo Shore Line Railroad & Grand Trunk Western Railroad, 1229-39 David Whitney Bldg., 1553 Woodward Avenue, Detroit, Michigan 48226
- G. Earle Wight, M.D., Chief of Medical Services, Canadian Pacific Railway, Windsor Station, Montreal, Quebec, Canada
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- Walter J. Longeway, M.D., Chief Surgeon, Colorado & Southern Railway, 520 Metropolitan Bldg., Denver, Colorado 80202
- Abbott Skinner, M.D., Chief Medical Officer, Great Northern Railway, 1360 Lowry Medical Arts Bldg., St. Paul, Minnesota 55102
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- M. M. Medvene, M.D., Chief Medical Officer, Reading Company,
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- M. E. Childress, M.D., Chief Surgeon, Western Pacific Railroad,
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- S. J. Cyran, M.D., Medical Director, Pennsylvania Railroad, 474
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COMMITTEE

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P. O. Box 1620, Richmond,

Chief Surgeon, Colorado & Southern
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Chicago, Illinois 60637

RAIL COMMITTEE

MAN), Medical and Surgical Di-
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Railroad, Baltimore, Maryland 21202
Chief Surgeon, New York Central System,
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Chief Surgeon, St. Louis-San Francisco Rail-
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Chief Surgeon, Seaboard Air Line
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Director, Central Railroad Com-
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Medical Officer, Reading Company,
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Chief Surgeon, Detroit & Toledo Shore
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Peter Vaughan, M.D., Chief Medical Officer, Canadian National
Railways, P. O. Box 8100, Montreal, Quebec, Canada

COMMITTEE ON TRAUMA

Southgate Leigh, Jr., M.D., (CHAIRMAN), Chief Surgeon, Sea-
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23213

C. M. Benage, M.D., Regional Medical Director, Norfolk &
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COMMITTEE ON FIRST AID

S. J. Cyran, M.D., (CHAIRMAN), Medical Director, Pennsylvania
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Pennsylvania 19104

H. A. Causey, M.D., Chief Surgeon, St. Louis-Southwestern
Railway, c/o St. Louis Southwestern Hospital, Texarkana,
Arkansas 75501

H. W. Hammett, M.D., Chief Medical Officer, Chicago, Pullman
ton & Quincy Railroad, 327 W. Jackson Blvd., Chicago,
Illinois 60606

M. M. Medvene, M.D., Chief Medical Officer, Reading Company,
Reading Terminal, 12th and Market Streets, Philadelphia,
Pennsylvania 19107

J. S. Niles, Jr., M.D., Chief Surgeon, Lehigh Valley Railroad,
Sayre, Pennsylvania 18840

1 Officer, Chicago, Burlington
Nelson Blvd., Chicago,

1 Officer, Reading Company,
1st Streets, Philadelphia,

on, Lehigh Valley Railroad,

MEMBERSHIP MEETING
ASSOCIATION OF AMERICAN RAILROADS
MEDICAL SECTION
MOUNTAIN SHADOWS HOTEL
PHOENIX, ARIZONA

Monday, February 20, 1967

The first general session of the Forty-Seventh Membership Meeting of the Medical Section, Association of American Railroads, convened at 9:00 o'clock A. M., in Conference Rooms 1 and 2 of the Mountain Shadows Hotel, Phoenix, Arizona, with Dr. John R. Winston, Chairman, presiding.

CALL TO ORDER

CHAIRMAN JOHN R. WINSTON: The Forty-Seventh Annual Membership Meeting of the Medical Section, Association of American Railroads, is called to order.

There are some announcements for your consideration and deliberation during the course of your stay. For example, the Medical Standards Guide has been approved by the Medical Standards Committee and also by the Committee of Direction. It has been or will be distributed this morning in order that you might review it during your spare moments. At the meeting of the Medical Standards Committee on Wednesday, you will have the opportunity to make suggestions, approve or disapprove.

The first presentation is by Dr. Ben Stockwell and to me it is highly appropriate that at this time we review the history of the Medical Section.

DR. B. W. STOCKWELL (Detroit & Toledo Shore Line Railroad - Grand Trunk Western Railroad, Detroit, Michigan): If I run into the coffee break, please interrupt me as I have quite a long paper for this organization has been in existence for a number of years.

Mr. Chairman, Members of the Medical Section of the Association of American Railroads, and guests.

It is a pleasure to present a historical review of the Medical Section of the Association of American Railroads. I am indebted to Dr. Robert M. Graham, Director, Department of Sanitation and Surgery of The Pullman Company, for much of the source material and really feel that he should be making this presentation. Additional data was also furnished by our Chairman, Dr. John Winston, Dr. J. Robertson Knowles, Chief Medical Consultant for the Boston and Maine, Mr. H. Stephen Dewhurst, Secretary of this Section from 1950 to 1956 and now in the Public Relations Department of

the AAR, Mr. Julian Sherman of the Claims Research Bureau, Mr. William E. Todd, Secretary of our Section, and others.

All historical reviews must have a beginning and our story actually begins in 1826, or 1827, when an application was made to the Legislature of the State of Maryland for the incorporation of the Baltimore and Ohio Railroad, which was, thus, the first chartered and fully organized railroad company in the United States. This was the first railway that was constructed, either in Europe or in the United States, for the general conveyance of passengers or products between distant points. The first division of the railroad was open for the transportation of passengers in 1830, and ran from Baltimore to Endicott Mills, a distance of approximately 15 miles; horses and mules furnished the traction power.

The first Chairman of the Medical and Surgical Section of the organization, that was then known as the American Railway Association, Dr. D. Z. Dunott, pointed out that with the establishment of transportation was also established an occupational hazard, the results of which made necessary, very early, a railway surgical service. He emphasized this very strikingly by pointing out statistically that "practically the payrolls of the railroads today (that is in 1921) has been impaired or killed within a ten year period." For example, in the year 1911, 3,602 employees were killed and 126,039 were injured and the total number of persons killed in railway operation was 10,396 and 150,159 were injured. In 1965, 316 employees were killed and 30,140 were injured, and the total number of persons killed in railway operations was 6,261 and 47,057 were injured. These figures are impressive even though the total employment on the railroads dropped from 1,669,809 in 1911 to 639,934 in 1965. (See attached chart) The reduction in total of all people killed and injured in railway operation was accomplished in spite of the enormous increase in crossing accidents incident to the growing use of the automobile. It can certainly be claimed that some of this dramatic improvement can be attributed directly to the work of this Section in establishing physical standards which make possible an employee to safely perform his job.

However, we should get back to discussing first things first, and, thus, I would like to give briefly the historical background of the Association of American Railroads. It is "the lineal descendent" of much earlier organizations, such as the Time Conventions formed in 1872, and the General Time Convention which, in 1883, established the system of standard time by which the whole Nation now lives, and the Railway Accounting Officers Association, formed in 1880, which helped develop uniform railroad accounting. The Association of American Railroads was created by the merger in 1934 of the American Railway Association, Association of Railway Executives, the Railway Accounting Officers Association, the Railway Treasurers Officers Association, the Bureau of Railway Economics and other organizations.

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Section, and others.

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The parent American Railway Association apparently began
about 1872, when its enter business was the adoption of time schedules
ules for passenger trains. The detailed system of standard time
was adopted for practical purposes in 1883 and provided definite
information respecting the changes required in the schedule of
every train on each railroad, so as to preserve unbroken the rela-
tive time in connection with trains on other roads. It is interesting
in this respect to consider the confusion that we have at the present
time in our standard and daylight saving time. A code of uniform
train signals was adopted in November of 1884, and the adoption of
joint block signal interlocking rules was established in 1892. A
per diem plan was begun in 1886 and presented as a code in 1902.
A uniform code of demurrage rules was established in 1909. The
American Railway Association was re-organized in 1919 and then
included a Medical and Surgical Section, with the following subjects
under consideration:

1. Separation of ice from drinking water in equipment and in
stations.
2. Quarantine Regulations.
3. Water Use for Drinking and Culinary Purposes.
4. Placarding Condemned Water Supplies.
5. Sanitary Code.
6. Hospital Standard.
7. Traumatic Hernia.
8. Prevention and Control of Occupational Diseases and Haz-
ards.

Mr. R. H. Aishton, President of the American Railway Associa-
tion, on November 6, 1920, appointed a temporary Committee of
Direction for the Medical and Surgical Section, whose duty it was
to organize the Section, elect temporary officers, and supervise
the Section's activities until such time as the Section might for-
mally elect its successor. The first meeting of the Committee of
Direction was held in New York on December 1, 1920. It elected
officers and adopted tentative regulations to govern its activities.
The originally appointed members of the Committee of Direction
were: Chairman, Dr. D. Z. Dunott, Chief Surgeon of the Western
Maryland Railway, Baltimore, Maryland; First Vice-Chairman,
Dr. G. G. Dowdall, Chief Surgeon, Illinois Central Railroad,
Chicago, Illinois; Second Vice-Chairman, Dr. Duncan Eve, Chief
Surgeon, Nashville, Chattanooga and St. Louis Railway, Nashville,
Tennessee; Dr. C. W. Hopkins, Chief Surgeon, Chicago and North
Western Railway, Chicago, Illinois; Dr. William B. Coley, Chief
Surgeon, New York Central Railroad, New York City; Dr. H. S.
Cumming, Surgeon General, representing the Bureau of Public
Health Service, Washington, D. C.; Dr. A. W. Freeman, Com-
missioner of Health, State Department of Health, Columbus, Ohio,
representing the State and Territorial Health Officers Association;
Dr. Robert J. Graves, Chief Surgeon of the Boston and Maine
Railroad, Concord, New Hampshire; Dr. J. A. Hutchison, Chief
Medical Officer of the Grand Trunk Railway System, Montreal,

Quebec; Dr. A. W. Ide, Chief Surgeon, Northern Pacific Railway, Brainerd, Minnesota; Dr. A. F. Jonas, Chief Surgeon of the Union Pacific Railroad, Omaha, Nebraska; Dr. J. P. Kaster, Chief Surgeon of the Atchison, Topeka and Santa Fe Railroad, Topeka, Kansas; Dr. R. W. Knox, Chief Surgeon of the Southern Pacific Lines, Houston, Texas; Dr. Southgate Leigh, Chief Surgeon, The Virginia Railway, Norfolk, Virginia; Dr. S. C. Plummer, Chief Surgeon, Chicago, Rock Island and Pacific Railway, Chicago, Illinois; and Dr. J. B. Walker, Surgeon, Pennsylvania System, New York City.

The first general meeting of the Medical and Surgical Section was held on June 3 and 4, 1921 in Boston. The officers at this first meeting of the Medical and Surgical Section were: Chairman, Dr. D. Z. Dunott, Chief Surgeon, Western Maryland Railway; First Vice-Chairman, Dr. G. G. Dowdall, Chief Surgeon, Illinois Central; Second Vice-Chairman, Dr. Duncan Eve, Chief Surgeon, Nashville, Chattanooga and St. Louis Railway, Nashville; Third Vice-Chairman, Dr. C. W. Hopkins, Chief Surgeon, Chicago and North Western Railway; and the Secretary was a man that many of us well remember, Mr. J. C. Caviston, who was an extremely efficient secretary.

I would like to call your particular attention to the name of Dr. Southgate Leigh, Chief Surgeon of the Virginia Railway, the father of our present infamous, Southgate Leigh, Jr., who was on the Committee of Direction. It was also gratifying to me and most interesting to see the name of my father, Dr. Glenn W. Stockwell, Company Surgeon for the Grand Trunk Railway System, listed as a member of the Committee on Physical Standards. Also, Dr. Albert Winters, Chief Surgeon of the Pittsburgh and Lake Erie Railroad, who is here today, advises me that his father was Chief Surgeon, preceding him from 1904 to 1941 and participated in these activities. Also, the father of Dr. A. H. Andrews, Jr., who is on our program today, was a consultant for the Rock Island from 1899 to 1945.

The original Committees in addition to the Committee of Direction were: Committee on Nominations, Committee on Sanitary Code, Committee on Hospital Standards, Committee on Physical Standards, Committee on Prevention and Control of Occupational Diseases and Hazards, Committee on Water, and a Committee on Hernia. Hernia was obviously a serious problem in those days.

As this is a historical review, again we should back-track, to try to trace the origins of the Medical and Surgical Section. In other words, from what did this organization originate? Mr. R. H. Aishton, President of the American Railway Association, in his address at the first meeting of the Medical and Surgical Section, stated that an amalgamation of the Association of American Railway Chief Surgeons, the New York and New England Railway Surgeons Association, and the Railway Section of the Southern Medical As-

Northern Pacific Railway,
Chief Surgeon of the Union
Dr. J. P. Kaster, Chief
Santa Fe Railroad, Topeka,
Chief of the Southern Pacific
Leigh, Chief Surgeon, The
Dr. S. C. Plummer, Chief
Chicago Railway, Chicago,
Pennsylvania System,

Medical and Surgical Section
The officers at this
Section were: Chairman,
Maryland Railway; First
Chief Surgeon, Illinois Cen-
tral, Chief Surgeon,
Nashville; Third
Chief Surgeon, Chicago and
Nashville; and a man that many of us
knew was an extremely ef-

attention to the name of Dr.
Virginia Railway, the father
of the Virginia Railway, who was on the
identifying to me and most
of the Virginia Railway, Dr. Glenn W. Stockwell,
Railway System, listed as
Standards. Also, Dr.
Pittsburgh and Lake Erie
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meetings. Dr. Andrews, Jr., who is on
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Committee on Physical
Control of Occupational
Diseases, and a Committee on
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Medical and Surgical Section. In
the origin of the Virginia Railway. Mr. R. H.
Association, in his ad-
Medical and Surgical Section,
Association of American Railway
Surgeons and Railway Surgeons
Southern Medical As-

sociation, resulted in the organization of this Section. The Section
on Industrial Medicine and Surgery of the Southern Medical As-
sociation was provided for at the Lexington Meeting in 1913. Orig-
inally it was Southern States Association of Railway Surgeons.
actually a Section on Railway Surgery. Changed in 1928 to Section
on Railway Surgery. Changed in 1943 to Section on Industrial
Medicine and Surgery. It was noted that in 1914, Dr. Duncan Eve
was the President of this Section and in 1916 Dr. Southgate Leigh
was the President.

Actually, there was no true amalgamation, although the three
groups mentioned, undoubtedly, had an inter-locking membership.
It is also apparent that the Association of Railway Chief Surgeons
was, undoubtedly, the predecessor of our group. Unfortunately,
because they did not publish their proceedings, I cannot find out
when they were organized nor who their original members were.
Dr. Robert Graham has furnished me with a copy of the by-laws
of May 1, 1916, which state:

1. The object of this association is to improve and promote
the uniformity of methods and practice.
2. The members of the association shall consist of the Chief
Surgeons of the Railroads of America, who are eligible for member-
ship when dues are paid.
3. Officers of the association shall consist of a President,
Vice-President, Secretary-Treasurer and three Executive members,
who with the President and Vice-President shall constitute the
Executive Board.
4. The officers shall be elected annually by ballot.
5. The President shall appoint all Committees.
6. The regular meeting shall be held semi-annually, time and
place to be determined by the Executive Board.
7. The annual dues shall be \$5.00, payable May 1. Members in
arrears two years shall be dropped from the roll.

Dr. Graham, in a personal communication, advises me that
while members of the two groups were largely the same, and func-
tions, so far as medical education and discussions, were similar,
that the Association of Railway Chief Surgeons remained as a separ-
ate entity at least until 1933. It is also apparent that they held
separate meetings. For example, an annual meeting was held in
Chicago on October 14, 1924. The provisional program was:

1. Traumatic Epilepsy, postponed from previous meeting.
2. Chief Surgeon's responsibility for man-power.
3. General Medical Re-examination of Old Employees in the
Transportation Department; (a) How it had best be conducted; (b)
Borderline cases in which there may be some question as to the
physical capacity of the individual to continue in his regular work;
(c) The problem of the physically disqualified employee.
4. The Means by which Sanitation of Toilets in Stations and
Privies on Company property can be regulated by the Chief Surgeons

and Sanitary Officers.

5. Infected Tonsils and Teeth and their effect on the prolongation of disability from injury.

To go back again to origins, one of the groups that certainly contributed to the membership of our organization was the New York and New England Association of Railway Surgeons, and Dr. J. Robertson Knowles, Chief Medical Consultant to the Boston and Maine Railroad, has been very helpful in giving me some of the background of this organization. This group was interested, since its organization in 1890, in the medical and surgical problems arising in the railway industry, and very many famous physicians and surgeons were members.

Dr. D. Z. Dunott, in his address at the inaugural meeting of the Section in 1921, demonstrated great foresight, understanding, and wisdom. He must have been a tremendous person and I wonder if any of the men in our present group remember him. It is apparent from his remarks, and those of the President of the American Railway Association, that the Chief Medical Officers of the railroads in those days were held in very high esteem, a situation which has not always existed during the intervening years. Some of Dr. Dunott's recommendations, made at this first meeting, 46 years ago, for the present and future activity of the Medical and Surgical Section are worthy of repeating in view of how closely they fit in with our present objectives. I have some copies of his complete recommendations and these are available for those of you who are interested. Among his recommendations are:

1. "That wherever possible, only hospitals rated as class A by the College of Surgeons be recognized, and where railroads have their own hospitals, that such institutions not already so classified will be brought to such standard."

2. "In view of the occupational hazard and statistics presented, it would seem imperative that greater care be given to the matter of physical fitness, not only to the applicant for service, but to the employee already in service where such employee by physical or mental failure may cause serious accident to the traveling public or fellow employees."

3. "The head of the medical and surgical service should report to the Chief of the Operating Department."

4. "In line with my appeal for a closer cooperation of the surgical service, I would urge a more general interest on the part of the surgeons in the operating problems that have to be met by the railway officials." This is pertinent, in view of the present objective of this group in maintaining a very close liaison between the medical service and management.

Dr. Robert Graham furnished me with a copy of the index of the proceedings of the Annual Meetings of the Medical and Surgical Section of the American Railway Association for the years 1921 to

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of the Medical and Surgical
ociation for the years 1921 to

1929. This is most interesting to review and it would be helpful if we could have a continuing index of all of our meetings, which could be brought up-to-date at the end of each year. The numerous and important subjects that are outlined in this index illustrate the activities of the Section over these years. They vary from subjects such as "diet on dining cars" to "regulations for the transportation of leprosy patients."

In 1922, the meeting was held in St. Louis, Missouri. The Chairman was Dr. D. Z. Dunott, Chief Surgeon of the Western Maryland Railway and the Secretary was Mr. J. C. Caviston.

To save time, I will not read the year, location of the meeting, name of Chairman and Secretary for the years 1923 to 1942, as they are listed in the paper and the printed proceedings of all these meetings are available in the office of the Secretary.

In 1923, the meeting was held in San Francisco. The Chairman was Dr. D. Z. Dunott and the Secretary was Mr. J. C. Caviston.

In 1924, the meeting was held in Chicago. The Chairman was Dr. G. G. Dowdall, Chief Surgeon of the Illinois Central Railroad and the Secretary was Mr. J. C. Caviston.

In 1925, the meeting was held in Atlantic City, New Jersey. The Chairman was Dr. G. G. Dowdall and the Secretary was Mr. J. C. Caviston.

In 1926, the meeting was held in Dallas, Texas. The Chairman was Dr. J. L. Bower, Chief Medical Examiner of the Pennsylvania Railroad. The Secretary was Mr. J. C. Caviston.

In 1927, the meeting was held in Richmond, Virginia. The Chairman was Dr. W. H. Bohart, Chief Surgeon of the Chicago & Eastern Illinois Railroad. The Secretary was Mr. J. C. Caviston.

In 1928, the meeting was held in Quebec, Canada. The Chairman was Dr. W. H. Bohart and the Secretary was Mr. J. C. Caviston.

In 1929, the meeting was held in White Sulphur Springs, West Virginia. The Chairman was Dr. L. A. Ensminger, Chief Surgeon of the Cleveland, Cincinnati, Chicago & St. Louis Railroad. The Secretary was Mr. J. C. Caviston.

In 1930, the meeting was held in Biloxi, Mississippi. The Chairman was Dr. S. C. Plummer, Chief Surgeon of the Chicago, Rock Island & Pacific Railway. The Secretary was Mr. J. C. Caviston.

In 1931, the meeting was held in New York, New York. The Chairman was Dr. E. V. Milholland, Medical and Surgical Director

of the Baltimore and Ohio Railroad. The Secretary was Mr. J. C. Caviston.

In 1932, the meeting was held in New York, New York. The Chairman was Dr. C. W. Hopkins, Chief Surgeon of the Chicago & North Western Railway. The Secretary was Mr. J. C. Caviston.

In 1933, the meeting was held in Chicago, Illinois. The Chairman was Dr. John McCombe, Chief Medical Officer of the Canadian National Railways. The Secretary was Mr. J. C. Caviston.

In 1934, the meeting was held in Washington, D. C. The Chairman was Dr. W. L. Hartman, Medical Director of the New York Central Lines. The Secretary was Mr. J. C. Caviston.

In 1935, the meeting was held in Atlantic City, New Jersey. The Chairman was Dr. John R. Nilsson, Chief Surgeon of the Union Pacific Systems. The Secretary was Mr. J. C. Caviston.

In 1936, the meeting was held in Chicago, Illinois. The Chairman was Dr. J. R. Garner, Chief Surgeon of the Western Railway of Alabama. The Secretary was Mr. J. C. Caviston.

In 1937, the meeting was held in Atlantic City, New Jersey. The Chairman was Dr. D. B. Moss, Chief Medical Officer of the Chicago, Burlington & Quincy Railroad. The Secretary was Mr. J. C. Caviston.

In 1938, the Chairman was Dr. Duncan Eve, Jr., Chief Surgeon of the Nashville, Chattanooga & St. Louis Railway. The Secretary was Mr. J. C. Caviston. No meeting was held because of economic conditions, but it was held with the same officers in 1939, in Chicago, Illinois.

In 1940, the meeting was held in New York, New York. The Chairman was Dr. Harvey Bartle, Chief Medical Officer of the Pennsylvania Railroad. The Secretary was Mr. J. C. Caviston.

In 1941, the meeting was held in Montreal, Quebec. The Chairman was Dr. W. J. Lancaster, Medical Director of the Atlantic Coast Line Railroad. The Secretary was Mr. J. C. Caviston. This was the last meeting held before World War II.

In 1942, the Chairman was Dr. A. R. Metz, Chief Surgeon of the Chicago, Milwaukee, St. Paul & Pacific Railroad. The Secretary was Mr. J. C. Caviston. No meetings were held between the years 1942 and 1945 because of the War. During the War years, the activities of the Section were conducted by the Committee of Direction.

In 1946, the meeting was held in Chicago, Illinois. The Chairman was Dr. A. R. Metz and the Secretary was Mr. J. C. Caviston.

The Secretary was Mr. J. C.

New York, New York. The
Chief Surgeon of the Chicago &
was Mr. J. C. Caviston.

Chicago, Illinois. The Chair-
man, Medical Officer of the Canadian
Mr. J. C. Caviston.

Washington, D. C. The Chair-
man, Director of the New York
Mr. J. C. Caviston.

Atlantic City, New Jersey.
Chief Surgeon of the Union
Mr. J. C. Caviston.

Chicago, Illinois. The Chair-
man, Chief Surgeon of the Western Railway
Mr. J. C. Caviston.

Atlantic City, New Jersey.
Chief Medical Officer of the
The Secretary was Mr.

Canadian Eve, Jr., Chief Surgeon
of the Railway. The Secretary
was held because of economic
of officers in 1939, in Chicago,

New York, New York. The
Chief Medical Officer of the
was Mr. J. C. Caviston.

Montreal, Quebec. The Chair-
man, Director of the Atlantic
was Mr. J. C. Caviston.
World War II.

Dr. Metz, Chief Surgeon
of the Pacific Railroad. The
meetings were held between
the War. During the War years,
sponsored by the Committee of

Chicago, Illinois. The Chair-
man was Mr. J. C. Caviston.

This was the first meeting after the War. I will comment briefly
on some of the proceedings of the meetings since the War and par-
ticularly on some things that I have personal knowledge of. Dr.
Metz, in his address as Chairman, gave an interesting historical
review, which also gave us some source material. He mentioned
that between 1941 and 1946 the Section had suffered the loss of
eleven members by death or retirement, and also pointed out that
after 25 years of active and conservative management, the future
destiny of the Section had to be assumed by new members.

In 1947, the meeting was held in Atlantic City, New Jersey.
The elected Chairman was Dr. George P. Myers, Medical Director
of the New York Central System, but due to his retirement earlier
than expected, Dr. K. E. Dowd, Chief Medical Officer of the
Canadian National Railways became Chairman. Mr. J. C. Caviston
was the Secretary.

In 1948, the meeting was held in Chicago, Illinois. The Chair-
man was Dr. K. E. Dowd and the Secretary was Mr. J. C. Caviston.

In 1949, the meeting was held in Atlantic City, New Jersey.
The Chairman was Dr. R. M. Graham, Director, Department of
Sanitation and Surgery, the Pullman Company. The Secretary was
Mr. J. C. Caviston. This was a short meeting, consisting of only
one day and held at the time of the meeting of the American Medical
Association and the American Association for the Surgery of Trauma.
Some of the other meetings held during these years were also one
day meetings held in conjunction with other groups.

In 1950, the meeting was held in Edgewater Park, Mississippi.
The Chairman was Dr. O. H. Horrall, Chief Surgeon of the Chicago,
Burlington & Quincy Railroad. The Secretary was Mr. J. C.
Caviston. This was Mr. Caviston's last meeting.

In 1951, the meeting was held in Chicago, Illinois. The Chairman
was Dr. A. R. Metz, Chief Surgeon of the Chicago, Milwaukee,
St. Paul & Pacific Railroad. The Secretary was Mr. H. S. Dewhurst,
who is now Executive Assistant in the Public Relations Department of
the Association of American Railroads in Washington, D. C.

In 1952, the meeting was held in Chicago, Illinois. The Chair-
man was Dr. T. L. Hansen, Chief Surgeon of the Chicago, Rock
Island & Pacific Railroad. The Secretary was Mr. H. S. Dewhurst.
At this meeting, the name of the Committee on Fractures was
changed to the Committee on Trauma in order to broaden the field
and increase the usefulness of the Committee. This was in line with
a change that took place in the American College of Surgeons, and
the Committee at that time suggested that the Committee on Trauma
of the AAR coordinate their reports with those of the Committee on
Trauma of the American College of Surgeons, and recommended
their publication.

In 1932, the meeting was held in Chicago, Illinois. The Chairman was Dr. A. M. W. Hursh, Chief Medical Examiner of the Pennsylvania Railroad. The Secretary was Mr. H. S. Dewhurst.

In 1934, the Chairman was Dr. J. Huber Wagner, Chief Surgeon of the Bessemer & Lake Erie Railroad. The Secretary was Mr. H. S. Dewhurst. No meeting was held because of economic conditions.

In 1935, the meeting was held in Savannah, Georgia. The Chairman was Dr. J. Huber Wagner and the Secretary was Mr. H. S. Dewhurst. During the prior year a Medical Film Committee was appointed to help combat the serious problem at that time of "dermatitis." A great deal of work was done in developing a film on the subject of preventing dermatitis, but due to economic conditions it was never produced. This meeting was also the first one at which we were addressed by the Director of the Claims Research Bureau of the AAR, who, at that time, was Mr. K. A. Carney. As most of you know, this added a great deal to our meetings, and we are very pleased to have had the Director of the Claims Research Bureau with us at all subsequent meetings.

In 1936, the meeting was held in San Francisco, California. The Chairman was Dr. W. W. Washburn, Chief Surgeon of the Southern Pacific Company. At this time, we had a new Secretary, Mr. F. J. Parker.

In 1937, the meeting was held in White Sulphur Springs, West Virginia. The Chairman was Dr. R. J. Bennett, Chief Surgeon of the Elgin, Joliet & Eastern Railway. The Secretary was Mr. F. J. Parker. At this meeting, we were favored by a very interesting address by Mr. Owen Clark who was the Chairman of the Interstate Commerce Commission at that time. His speech is worthy of review. Although this is not strictly historical, I will spend a few minutes here because this is one of the few places where our responsibilities as Chief Medical Officers are spelled out; the other places as you know are by the Supreme Court and the Railroad Adjustment Board. Mr. Clark pointed out that the Interstate Commerce Commission had no jurisdiction over the physical qualifications or the type and frequency of examinations for railway employees, although they did prescribe rules and regulations in the same field for motor carriers. He stated that the railroads "can and should do the job themselves." He recommended against a bill introduced by Senator Kefauver where the Commission would have been directed to prescribe minimum standards for the physical qualifications of all railroad operating personnel and the frequency of re-examination, and with appropriate penalties. This proposed legislation resulted from some serious passenger train wrecks both in the East and in the West which were allegedly caused by man-power failure. He stated "You have unquestionably developed excellent standards, particularly with regard to the kind and frequency of physical examination, but that is only part of the job the fact remains that some

Chicago, Illinois. The Chairman, Medical Examiner of the City was Mr. H. S. Downhurst.

St. Huber Wagner, Chief Surgeon of the Railroad. The Secretary was as held because of economic

Savannah, Georgia. The Chairman and the Secretary was Mr. Earl a Medical Film Committee. A serious problem at that time of was done in developing a film is, but due to economic conditions meeting was also the first one Director of the Claims Research was Mr. K. A. Carney. Great deal to our meetings, and Director of the Claims Research findings.

San Francisco, California. Chairman, Chief Surgeon of the me, we had a new Secretary,

White Sulphur Springs, West J. Bennett, Chief Surgeon of The Secretary was Mr. F. J. vored by a very interesting the Chairman of the Interstate

His speech is worthy of rhetorical, I will spend a few e few places where our re- are spelled out; the other e Court and the Railroad Ad- ut that the Interstate Commerce he physical qualifications or i for railway employees, al- gulations in the same field for ilroads "can and should do the gainst a bill introduced by on would have been directed ne physical qualifications of e frequency of re-examination, proposed legislation resulted ecks both in the East and in by man-power failure. He oped excellent standards, par- e frequency of physical examina- ... the fact remains that some

railroads have lagged far behind and have not accepted your recommendations. Unfortunately, there is a disturbing lack of uniformity among the different railroads, as I know you are well aware." He definitely states "at the very least, however, gentlemen, your recommended standard should apply uniformly throughout the railroad industry as an absolute minimum, and I believe you can make a great and lasting contribution to railroad safety, if you redouble your efforts to convince railway management that these standards must be adopted fully and without modification." I believe this is a real challenge to us and one of our best arguments for convincing management of the necessity of the importance of our objectives.

The Joint Medical-Legal Committee was appointed during 1957, and the first Committee consisted of Dr. R. J. Bennett, Chief Surgeon of the Elgin, Joliet & Eastern Railway; Dr. Harvey Nelson, Chief Surgeon of the Soo Line; and Dr. W. E. Mishler, Chief Surgeon of the Erie-Lackawanna Railroad. Representing the legal side were Messrs. Ewing, General Claims of the Santa Fe; W. F. Kelly, General Attorney of the Chicago and North Western Railroad; and Mr. R. R. Minor, General Claims Agent of the Illinois Central. The first major project of the Committee was to promote the impartial medical testimony plan with great success. This Committee has been an important part of our organization since that time and it has made several important contributions, one of which was a recommended pre-employment X-ray program for the railway industry, which has been widely adopted.

In 1958, the meeting was held in Edgewater Park, Mississippi. The Chairman was Dr. I. Goldowsky, Medical Director of the Central Railroad of New Jersey. The Secretary was Mr. F. J. Parker. During the year 1958, the Association of American Railroads authorized an expenditure of \$30,000 to inaugurate a study of the effects of Diesel fumes at the University of Pittsburgh, Department of Occupational Health, Graduate School of Public Health, and a Diesel Fumes Committee was activated. Dr. R. S. Ayerle, Assistant Medical Director of the Pennsylvania Railroad, was appointed Chairman of the activated Committee. As you are all aware, this study was taken over by the United States Public Health Service after the first year and is continuing at the University of Pittsburgh.

In 1959, the meeting was held in Chicago, Illinois. The Chairman was Dr. B. W. Stockwell, Chief Surgeon of the Grand Trunk Western Railroad Company. The Secretary was Mr. F. J. Parker. In December of 1958, and prior to that meeting, Mr. R. G. May of the AAR objected to the fact that the major railroads in the East were not represented on the Committee of Direction. It was recommended that the Committee of Direction be enlarged from twelve to fifteen members. It was also recommended that the Chairman invite the Chief Medical Officer from one major railroad in each of the territories not represented on the Committee of Direction to attend the regular meetings of the Committee until consideration could

be given to the recommendation to enlarge the membership to fifteen members. At that time, Dr. R. A. Johnson, Medical Director of the New York Central System, Dr. A. M. W. Hursh, Medical Director of the Pennsylvania Railroad, and Dr. John R. Winston, System Medical Director of the Atchison, Topeka & Santa Fe, were invited to attend the meeting and later appointed to the Committee of Direction. On March 13, 1959, a letter ballot was sent out concerning the proposed revisions in the Rules of Order, increasing the membership of the Committee of Direction, and this was approved.

In 1960, the meeting was held in Hollywood Beach, Florida. The Chairman was Dr. J. K. Stack, Chief Surgeon of the Chicago & North Western Railroad. The Secretary was Mr. F. J. Parker. A reduction of funds made available to the AAR resulted in the Medical and Surgical Section being discontinued. This was a severe blow to the officers and members of the Medical and Surgical Section. It then became a Medical Advisory Committee and has maintained that status until 1966. Effective January 1, 1961, "Action and the responsibilities in the general field of physical fitness and medical standards effecting all of the railroads will have to be provided through a Medical and Surgical Advisory Committee." Also at that time, the AAR advised that they would "maintain a small staff composed of three persons, namely, Messrs. Todd, Parker and Rose, to carry on the advisory committee activities of the Medical and Surgical group, as well as the operating section. . . . " The new Plan of Organization of the Operating-Transportation Division of the Association of American Railroads provided "The Medical and Surgical Advisory Committee should be composed of 15 members appointed by the General Committee. It shall exercise general supervision over the matters of interest to the Medical and Surgical Officers of Member Roads. It shall study and report on all matters regarding medical standards of the railroad industry. It shall consider revisions of the First Aid Instructions for Railroad Employees, published by the Division. It shall maintain liaison with various organizations interested in the promotion of the health and welfare of railway employees." Needless to say, many of the members of this group objected strenuously to the downgrading of our organization's activities, and at least we were able to continue with meetings by prevailing upon the AAR to authorize a "Membership Meeting."

In 1961, a Membership Meeting was held in Chicago, Illinois. The Chairman of the Medical and Surgical Advisory Committee was Dr. V. W. Hollo, Chief Surgeon of the St. Louis-San Francisco Railway and the Secretary was Mr. W. E. Todd.

In 1962, a Membership Meeting was held in St. Louis, Missouri. The Chairman of the Medical and Surgical Advisory Committee was Dr. V. W. Hollo and the Secretary was Mr. W. E. Todd. Subsequently, at a meeting of the Medical and Surgical Advisory Committee in Chicago in February of 1962, the Rules of Order of the Medical and Surgical Advisory Committee were approved. These

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vided for certain committees as had the prior Medical and Sur-
gical Section. The Committees were: Advisory Committee, Com-
mittee on Nominations, Committee on Trauma, Committee on First
Aid, Committee on Medical Standards, Medical-Legal Committee.
No formal report of this meeting was made, but a summary was
forwarded on June 11, 1962 by Mr. W. E. Todd, Staff Secretary.

In 1963, a Membership Meeting of the Medical and Surgical
Officers of the AAR Member Roads was held at the Greenbrier
Hotel, White Sulphur Springs, West Virginia. The Chairman of the
Medical and Surgical Advisory Committee was Dr. W. E. Mishler,
Chief Surgeon of the Erie-Lackawanna Railroad. The Secretary
was Mr. W. E. Todd. Again, there was no formal printed booklet
of the proceedings, but a summary was forwarded to the member-
ship, consisting of copies of the speakers' reports, by Mr. W. E.
Todd, Staff Secretary.

Some confusion concerning the length of service of the Chair-
man and Vice-Chairman of the Medical and Surgical Advisory Com-
mittee developed in 1963, which was resolved by Dr. William E.
Mishler resigning after his one year tenure in office, making Dr.
Harvey Nelson, Chief Surgeon of the Soo Line, Chairman. The
Chairman originated a new Committee called the "Steering Com-
mittee." It consisted of three members to assist him in carrying
out the duties of his office. This has been continued since that
time.

In 1964, a meeting was planned for Las Vegas, Nevada, which
was anticipated by our membership, but, unfortunately, it had to be
called off because of the threatened Nation-wide railway strike. This
meeting was subsequently arranged to be held in Chicago on Septem-
ber 21 and 22, and this also had to be canceled.

In 1965, a Membership Meeting was held in Chicago, Illinois.
Dr. Harvey Nelson's title was changed at that time from Chief Sur-
geon to Medical Advisor of the Soo Line Railroad. Dr. Nelson was
Chairman and Mr. W. E. Todd was the Secretary. Dr. Nelson
opened the meeting with the following statement "I would like to call
to order the 1964 Annual Meeting now being held in 1965. This, by
the way, is our 45th meeting." In his talk, which is now available
under the published proceedings, he commented on the concerted
effort to have Management participate in our programs and also
noted the change in the format to one largely consisting of panel sym-
posiums. He also suggested the inauguration of interim panel sym-
posiums on important subjects to the railway industry and these
have been put into effect. The first was held in Chicago on January
12, 1965, on the subject of vision. Subsequent interim meetings
have been held as follows: May 28, 1965, at Chicago, Illinois, "Oc-
cupational Significance of Pulmonary Insufficiency in the Railroad
Industry"; September 24, 1965, at Denver, Colorado, "Hearing
Problems in the Railroad Industry"; November 18, 1965, at Min-
neapolis, Minnesota, "Cardiovascular Surgery"; June 29, 1966, at
Chicago, Illinois, "Contact Lenses"; October 19, 1966, at Miami

Beach, Florida (in conjunction with the Seaboard Air Line Railway Surgeons session) "Cardiac and Pulmonary Resuscitation and Management of Burns and Injuries to Internal Organ Systems."

In 1966, a Membership Meeting was held in San Francisco, California. The Chairman was Dr. E. C. Olson, Chief Medical Examiner of the Illinois Central Railroad and the Secretary was Mr. W. E. Todd. Fortunately, the *proceedings of this meeting* have also been published in booklet form and are available to all of us.

At this meeting we were addressed by Mr. John A. Risendal, Director of the Claims Research Bureau of the AAR, who replaced Mr. K. A. Carney, on the subject of "Miraculous Recovery and Estoppel" which continued our desirable close association with the Claims Research Bureau.

At this meeting, the Committee on Medical Standards presented us with a new approach to this problem in the form of a publication entitled "A Guide for Application of Medical Standards by Occupational Profile." This represented a tremendous amount of work and coordination of the Committee's report over a period of years and is of great value to all railway Chief Medical Officers.

This brings us up to the present time. It is my understanding that at this meeting, we are being advised that our status is again changed from that of a Committee to a Medical Section. Naturally, this is pleasing to all of us who have been active in this organization over the years.

I have enjoyed presenting some of the background of our excellent organization, and, in closing, I would ask if there are any among the membership who have information concerning our origins that has not been made available up to the present time, that it should be added to this as an addendum, so that this historical review will be more complete.

Attachments:

1. List, naming chairman, Secretary and Location of Annual Meeting, if held, 1921-1966.
2. Chart, illustrating casualties in railroad industry for years 1911 and 1965.
3. Recommendations of Dr. D. Z. Dunott, Chief Surgeon, Western Maryland Railway, Baltimore, Maryland (Chairman of the Medical and Surgical Section of the American Railway Association at its inaugural meeting in 1921).

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AAR MEDICAL AND SURGICAL SECTION

	<u>Chairman</u>	<u>Secretary</u>	<u>Location of A.M.</u>
1921	Dr. D. Z. Dunott, Chief Surgeon Western Maryland Railway	J. C. Caviston	Boston, Mass.
1922	"	"	St. Louis, Mo.
1923	"	"	San Fran- cisco, Calif.
1924	Dr. G. G. Dowdall, Chief Sur- geon, Illinois Central Railroad	"	Chicago, Illinois
1925	"	"	Atlantic City, N. J.
1926	Dr. J. L. Bower, Chief Medical Examiner, Pennsylvania Railroad	"	Dallas, Texas
1927	Dr. W. H. Bohart, Chief Surgeon Chicago & Eastern Illinois R.R.	"	Richmond, Virginia
1928	"	"	Quebec, Canada
1929	Dr. L. A. Ensminger, Chief Surgeon, Cleveland, Cincinnati, Chicago & St. Louis Railroad	"	White Sulphur Springs, W. Va.
1930	Dr. S. C. Plummer, Chief Sur- geon, Chicago, Rock Island & Pacific Railroad	"	Biloxi, Miss.
1931	Dr. E. V. Milholland, Medical & Surgical Director, Baltimore & Ohio Railroad	"	New York, N. Y.
1932	Dr. C. W. Hopkins, Chief Surgeon, Chicago & North Western Ry.	"	New York, N. Y.
1933	Dr. John McCombe, Chief Medical Officer, Canadian National Rys.	"	Chicago, Illinois
1934	Dr. W. L. Hartman, Medical Director, New York Central System	"	Washington, D. C.
1935	Dr. John R. Nilsson, Chief Surgeon Union Pacific Railroad	"	Atlantic City, N. J.
1936	Dr. J. R. Garner, Chief Surgeon Western Ry. of Alabama	"	Chicago, Illinois
1937	Dr. D. B. Moss, Chief Medical Officer, Chicago, Burlington & Quincy Railroad	"	Atlantic City, N. J.
1938	Dr. Duncan Eve, Jr., Chief Surgeon Nashville, Chattanooga & St. Louis Ry.	"	*
1939	"	"	Chicago, Illinois
1940	Dr. Harvey Bartle, Chief Medical Officer, Pennsylvania Railroad	"	New York, N. Y.

<u>Year</u>	<u>Chairman</u>	<u>Secretary</u>	<u>Location of A. C. L.</u>
1941	Dr. W. J. Lancaster, Medical Director, Atlantic Coast Line Railroad	J. C. Caviston	Montreal, Quebec
1942	Dr. A. R. Metz, Chief Surgeon Chicago, Milwaukee, St. Paul & Pacific Railroad	"	#
1943	"	"	#
1944	"	"	#
1945	"	"	#
1946	"	"	Chicago, Illinois
1947	Dr. G. P. Myers, Medical Director, New York Central System	"	Atlantic City, N. J.
1948	Dr. K. E. Dowd, Chief Medical Officer, Canadian National Railways	"	Chicago, Illinois
1949	Dr. R. M. Graham, Director, Dept. of Sanitation & Surgery, The Pullman Company	"	Atlantic City, N. J.
1950	Dr. O. H. Horrall, Chief Surgeon, Chicago, Burlington & Quincy Railroad	"	Edgewater Park, Miss.
1951	Dr. A. R. Metz, Chief Surgeon, Chicago, Milwaukee, St. Paul & Pacific Railroad	H. S. Dewhurst	Chicago, Illinois
1952	Dr. T. L. Hansen, Chief Surgeon, Chicago, Rock Island & Pacific Railroad	"	"
1953	Dr. A. M. W. Hursh, Chief Medical Examiner, Pennsylvania Railroad	"	"
1954	Dr. J. Huber Wagner, Chief Surgeon, Bessemer & Lake Erie Railroad	"	*
1955	"	"	Savannah, Georgia
1956	Dr. W. W. Washburn, Chief Surgeon, Southern Pacific Co.	F. J. Parker	San Francisco, Calif.
1957	Dr. R. J. Bennett, Chief Surgeon, Elgin, Joliet & Eastern Railway	"	White Sulphur Springs, W. Va.
1958	Dr. I. Goldowsky, Medical Director, Central Railroad of New Jersey	"	Edgewater Park, Miss.
1959	Dr. B. W. Stockwell, Chief Surgeon, Detroit & Toledo Shore Line Railroad	"	Chicago, Illinois
1960	Dr. J. K. Stack, Chief Surgeon, Chicago & North Western Ry.	"	Hollywood Beach, Fla.

	<u>Secretary</u>	<u>Location of A. M.</u>	<u>Year</u>	<u>Chairman</u>	<u>Secretary</u>	<u>Location of A. M.</u>
1	J. C. Caviston	Montreal, Quebec	1961	Dr. V. W. Hollo, Chief Surgeon, St. Louis-San Francisco Railway	W. E. Todd	Chicago, Illinois
on	"	#	1962	"	"	St. Louis, Mo.
1 &	"	#	1963	Dr. W. E. Mishler, Chief Surgeon, Erie-Lackawanna R.R.	"	White Sulphur Springs, W. Va.
	"	#	1964	Dr. Harvey Nelson, Chief Surgeon, Soo Line Railroad	"	@
	"	Chicago, Illinois	1965	"	"	Chicago, Illinois
	"	Atlantic City, N. J.	1966	Dr. E. C. Olson, Chief Surgeon, Illinois Central R.R.	"	San Francisco, Calif.
al	"	Chicago, Illinois	1967	Dr. J. R. Winston, System Medical Director, Atchison, Topeka & Santa Fe Ry.	"	Phoenix, Arizona
	"	Atlantic City, N. J.				
eon,	"	Edgewater Park, Miss.				
1,	H. S. Dewhurst	Chicago, Illinois				
	"	"				
	"	"				
a	"	"				
	"	*				
	"	Savannah, Georgia				
	F. J. Parker	San Francisco, Calif.				
	"	White Sulphur Springs, W. Va.				
	"	Edgewater Park, Miss.				
	"	Chicago, Illinois				
	"	Hollywood Beach, Fla.				

* No Meeting Economic Conditions
No Meeting War Period
@ No Meeting Cancelled Strike Conditions

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the Chairmen of these Com-

dards, Dr. Walter Longeway.
t H. Winters. On the Committee
nd the Medical-Legal Com-
eering Committee, there will
-Chairman, Dr. Winston,
of the other members of
lease be a consultant to that
mount of work that he gave

lish everything that we need
ge (is he here)... we hope to
nittee to raise some money
would mean that we would

suggested, as soon as I
ashington and Talk with the
not only with the changes in
w many we have on our
g else to come before this

l the Interim Meeting,
e first week in June. Please
y will also have Expo '67.
d 40 rooms, so you have

adjournment.

Ill you please start out of

rship Meeting was ad-

ATTENDANCE

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J. R. Winston, M.D., System Medical Director, Chicago, Ill.
D. D. Baird, Superintendent of Safety, Chicago, Illinois
C. L. Ewing, General Claims Attorney, Topeka, Kansas
J. W. Grossman, M.D., Lovelace Clinic, Albuquerque, N.M.
Harlen Grundeman, Chief Clerk, Med. Div., Chicago, Illinois
J. L. Johnson, M.D., Amarillo, Texas
J. B. Moss, M.D., Clovis, New Mexico
F. D. Spencer, M.D., Brownwood, Texas
E. F. Thomas, M.D., Amarillo, Texas
M. H. Witteman, General Attorney, Los Angeles, California

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Isadore Kaplan, M.D., Medical & Surgical Director, Baltimore,
Maryland

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J. K. Stack, M.D., Chief Surgeon, Chicago, Illinois

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D. M. McEndaffer, Denver, Colorado

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