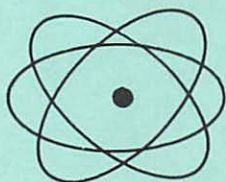
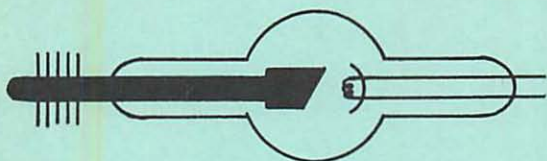


Nov 71



MISSOURI MINUTES

OFFICERS, M. S. R. T.

President	Robert Rein, R. T.
President-Elect	Phyllis McEnerney, R. T.
Vice-President	Jerry Casey, R. T.
Secretary	Sharon Eisterhold, R. T.
Treasurer	Ron Ott, R. T.

BOARD OF DIRECTORS

Richard Hammer, R. T.	Chairman
Dalmer Blankenship, R. T.	
Darrell McKay, R. T.	

Editor

Gary S. Brink, R. T., Washington University, Mallinckrodt Institute of Radiology, 510 South Kingshighway, St. Louis, Missouri 63110

Contributing Editors

Sr. Francita Barringhouse, R. T.
Ulysses Murray, R. T.

EDITORIAL

At the annual meeting of the Missouri Society of Radiologic Technologists this year, the membership took two giant steps toward the establishment of equity and unity in its societal and professional activities. By a nearly unanimous vote to change the existing by-laws, the membership dealt a "death blow" to some of the malignancies and chronic afflictions which have characterized the Society since its inception.

The first of these two amendments provides for all future elections on the State level to be by mail ballot; the second one establishes regional representation on the Board of Directors of the MSRT (see page 18).

Although simple in structure and apparently clear in intent, the resolutions actually have far greater implications than first meets the eye. The unanimous acceptance of the proposal to establish the mail ballot was primarily based on the desire of the members to allow all active MSRT members the right to vote for the officers of the Society. In adopting such a procedure, the MSRT merely followed in the firmly embedded footsteps already established by the National Society which provides all active members with the convenience of voting in an election which might be several hundred or several thousand miles away.

Looking further in depth at the implications of the mail ballot, however, one cannot help but recognize that up until now we have never practiced true democracy. With generally less than 20% of the active state membership participating in our elections we could not be sure that the will of the entire membership was being truly

represented at the annual meeting. Furthermore, by choosing ballot by mail as opposed to election by approximately the 50 active technologists who attend an annual meeting, the Society has eliminated the very real possibility of an unintentional, but very detrimental caucus taking place. Such a caucus could conceivably result in the subsequent election of an officer who was not necessarily the best qualified for the job, but who was merely supported strongly by the most influential people in the eyes of those at the meeting.

Another benefit to be derived by not having the voting done in the business meeting is that no one need vote for a particular candidate because of intimidation or fear of reprisal. The mail ballot is the most secretive way of voting, and as such, provides the membership with a mechanism whereby they can elect the candidate of their choice in the most democratic and just way possible.

The second amendment is the one which establishes regional representation on the MSRT Board of Directors by providing a representative of each of the six districts throughout the state. This adoption automatically strengthens and unifies the Society because of the equal geographic representation, and therefore the will of the entire state membership will now be made known.

Equally important as the unification effect, however, is the fact that the state will no longer be committed to a course of action directed frequently and primarily by just three people who could not possibly represent

accurately and completely all geographic locations and viewpoints within the state.

So as not to be misinterpreted, it must be said that the intent of this section is not to chastize the past or present members of the Board of Directors, but rather it is to merely point out the impossibility of the task which has been traditionally given to them, namely; to speak in the name of the 1400 technologists who reside in the State of Missouri. Actually, the consensus of most members is that the Board Members have generally done a very creditable job and that they should be commended for being able to overcome as many obstacles as they have.

To conclude, let me say simply that as our Society matures it must also evolve and adapt itself to the present. We could not afford to remain "status quo" if we were to grow; the membership saw this and subsequently affected these changes in policy so that our Society could become a more progressive and adaptable organization which is, and always will be, totally dedicated to the technologists which it represents.

"Opinions expressed in this journal are those of the writers and do not reflect official opinions of the Missouri Society of Radiologic Technologists unless so stated. Original articles are accepted only with the understanding that they are contributed solely to the "Missouri Minutes". If and when the manuscript is published, it will become the sole property of the Journal."



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PRESIDENT'S MESSAGE

October 23, 1971

It is indeed an honor to serve the membership of this society in its highest office. For over forty years a group of dedicated technologists have sacrificed time and effort to bring recognition to the profession of radiologic technology. In this time it has grown and many changes have taken place. Its primary purpose has been to advance technology through education. In the last five years our society has become involved in several other areas which I feel will improve our members' ability to meet the increased responsibilities of patient care now, and in the future.

MSRT stands for CONTINUING EDUCATION to keep you up to date on technique and procedures. This will improve your ability to give better patient care and assist you in your progress up the career ladder.

MSRT stands for FEDERAL MINIMUM STANDARDS of educational programs and the licensure will help protect the public from unnecessary exposure to ionizing radiation.

MSRT stands for support for you in the area of PROFESSIONAL AFFAIRS. The Missouri Proposal involves your job description, economic security and fringe benefits.

MSRT represents its members' best interest in relation to the Missouri Radiological Society, Missouri Hospital Association, and other related professional organizations.

MSRT can provide guidance when its members' professional standing is jeopardized by the increasing unionization activities in our hospitals today.

If any of these programs are to be realized, every professional technologist must become involved in their professional societies, and they can only become involved if they are active members. At the national meeting in New Orleans, the Missouri Society received the first place award for recruiting the most new ASRT members for 1970-1971. With this as a start, I again challenge each of you to do your part in helping our profession be prepared to meet the challenge of the "Health Care Revolution" by recruiting at least one new active member in the coming year.

United we move ahead, divided we -----.

Robert H. Rein, R. T.
President, M. S. R. T.

To help defray the cost of publishing, advertising by the commercial companies will be accepted. The cost of advertising in the "Missouri Minutes" is as follows:

Full Page Ad (4 issues)	\$50.00
Half Page Ad (4 issues)	\$25.00

THIRTY-NINTH ANNUAL MEETING MINUTES

The first business session of the thirty-ninth annual convention of the Missouri Society of Radiologic Technologists was called to order by the President, Darrell McKay, R. T. , Friday afternoon, October 1, 1971, at 3:00 PM at the Ramada Inn, Fenton, Missouri.

The chair called for the Credentials Committee report. This was given and a quorum was established with a count of active voting members present. The chair then requested that all active members be seated to the left of the podium.

Sister Mary Francita gave the invocation.

The President introduced the state officers. Due to the resignation of the state secretary, Sharon Eisterhold, R. T. was appointed to fill the vacancy for the remainder of the term.

The minutes of the 38th annual meeting were read and approved as read.

Richard Hammer, R. T. , read the rules of the convention. The rules were adopted as read.

The convention city report was given by Clare Smith, R. T. She reported that Kansas City, Missouri, District #1 has asked to host the 1972 annual meeting.

The President asked that the reports of the officers and committee chairmen that were printed and distributed to registrants be accepted. Seconded. Motion carried.

A letter from Michael Hughes, R. T., from Kansas City, Missouri wishing the convention well was read.

Nominations from Nominating Committee:
Glenda Shipman, R. T., Chairman

President-Elect	1. Gary Brink, R. T. 2. Ernest J. Collins, R. T.
Vice-President	1. Phil Sotir, R. T. 2. Jerry Casey, R. T. 3. Martin Strussion, R. T.
Treasurer	1. Ron Ott, R. T.
Secretary	1. Sharon Eisterhold, R. T.
E. Counselor	1. Sister Mary Francita, R. T.
W. Counselor	1. George Johnson, R. T.
Delegate to National Convention	1. Robert Rein, R. T.
Alternate Delegate to National Convention	1. New Vice-President
Regional Director Candidate	1. Ulysses Murray, R. T. 2. Dalmer Blankenship, R. T.

A resume and attached picture of each candidate was placed on display prior to the election. Nominations were to be taken from the "floor" during the final business session.

Mr. Warren Dixon made a motion that we honor Margaret Brown, R. T., and Mildred Reese, R. T. with Life Memberships; Thomas Finegan with an Honorary Membership. This was seconded. Motion unanimously carried.

EXHIBIT AWARDS

Registered Technologist Competition

1st Place

"Posterior Profile Projection"

Gerald Kimberlin, R. T.

Office of Dr. E. Lansche

St. Luke's Office Building

St. Louis, Missouri

Award: Three volume set Merrill's

"Atlas of Roentgenographic

Positions" and plaque

2nd Place

"Subluxation of the Patella"

Gerald Kimberlin, R. T.

Office of Dr. E. Lansche

St. Luke's Office Building

St. Louis, Missouri

Award: Kodak camera and plaque

3rd Place

"Cholangiography"

Stanley Eisen, R. T.

Mallinckrodt Institute of Radiology

St. Louis, Missouri

Award: \$25.00 and plaque

Student Technologist Competition

1st Place

"Views of the Acetabulum"
Deborah Huber
Baptist Memorial Hospital
Kansas City, Missouri
Award: Clark's "Radiographic Positioning"
and plaque

2nd Place

"Special Views of the Skull"
Wanda Percival
Baptist Memorial Hospital
Kansas City, Missouri
Award: \$25.00 and plaque

3rd Place

"Special Views of the Shoulder"
Lisa Ann Cook
Baptist Memorial Hospital
Kansas City, Missouri
Award: AM Radio and Plaque

MISSOURI SOCIETY OF RADIOLOGIC TECHNOLOGISTS

TREASURER'S REPORT

1970-1971

Balance brought forward November 18, 1970 \$1761.02

INCOME:

ASRT refund		\$ 17.50
Associate Member dues and renewals		373.00
Student Member dues and renewals		189.50
Active Member dues and renewals		980.00
Unspecified dues		<u>57.00</u>

Total Income \$1617.00

\$3378.02

EXPENDITURES:

	Voucher	
Norman Cartwright	209	\$ 53.07
Clair Smith	210	13.90
Ruth Hess	211	15.67
Darrell McKay	212	53.83
Robert Rein	213	150.00
White Insurance	214	20.00
Returned check		6.00
ASRT Journals	215	75.00
ASRT Legislature	216	100.00
Richard Hammer	217	6.19
Lois Young	218	31.86
Mississippi Valley Printing	219	39.25
Central Missouri Medical Service	220	178.42
Cash Stamps (Post Office)	221	60.00
Darrell McKay	222	53.18
Elkins Swyers Office Supply	223	40.17
Henry Cashion	224	13.20
Cash Stamps (Post Office)		80.00
Ruth Hess	225	53.15
Returned check		9.00
Mississippi Valley Printing	226	71.00
Wehmeyer Printing Company	227	57.25
Darrell McKay	228	150.00
Cash Stamps (Post Office)	229	20.00
Darrell McKay	230	58.15
Marjorie Tolan	231	250.00
Central Missouri Medical Service	232	190.30
Returned check		6.00
Returned check		<u>5.00</u>

Total Expenditures \$1859.59

Balance on hand September 25, 1971 \$1518.43

The President's Address was presented by the President, Darrell McKay, R. T.

Stanley Eisen, R. T., St. Louis, Missouri, proposed that technologists joining district societies be members of the Missouri Society of Radiologic Technologists. It was brought to the attention of the assembly by Leslie Wilson, R. T., Columbia, Missouri, that this type of proposal would require amending the by-laws. This proposal was tabled until the next business session.

The first business session recessed at 4:30 PM, October 1, 1971, Fenton, Missouri.

The second business session of the MSRT was called to order by the President, Darrell McKay.

The chair requested a credentials report. A quorum was established. The voting members again being instructed to be seated to the left of the platform.

Mr. Dalmer Blankenship give the audited treasurer's report. This report will be printed in the next issue of the "Missouri Minutes". Balance on hand as of September 25, 1971, \$1,518.43. Motion was made and seconded to adopt the report. Motion carried.

MISSOURI PROPOSAL:

Mr. Richard Hammer presented correspondence from Dr. Edwin Ernst, Jr., President, Missouri Radiological Society, and correspondence from Carl A. Virgein, President, Missouri Hospital Association. Mr. Hammer reported that a meeting date has been set up with the Missouri Hospital Association on October 23, 1971, at

1:30 PM, Ground Floor, Springfield Baptist Hospital,
440 S. Market Street, Springfield, Mo.

Mrs. Marjorie Tolan proposed a resolution stating: "I resolve that the Board of Directors and officers of the Missouri Society of Radiologic Technologists be empowered to continue to implement the MSRT socio-economic program and take whatever further action necessary following the meeting with authorized hospital administrator representatives." Mr. Leslie Wilson seconded. Discussion. Motion carried.

The Board of Directors and state officers of the MSRT will represent the MSRT at such meeting.

Marjorie Tolan moved that nominations be reopened. Seconded. Motion carried.

Nominations from the floor:

President-Elect Phyllis McEnerney, R. T.

Motion was made that nominations be closed. Seconded. Motion carried.

The chair disclosed the names of the tellers:

1. Orvil Sikes, R. T., Head Teller
2. Lela Halmich, R. T.
3. Ed Shepp, R. T.
4. Jean Detering, R. T.

Election Results:

Report submitted by Orvil Sikes, R. T. , Head Teller:

54 ballots distributed. 1 ballot not counted as it listed only one candidate with no office being given. 53 valid ballots.

President-Elect	Phyllis McEnerney, R. T.
Vice-President	Jerry Casey, R. T.
Secretary	Sharon Eisterhold, R. T.
Treasurer	Ron Ott, R. T.
W. Counselor	George Johnson, R. T.
E. Counselor	Sr. Mary Francita, R. T.
Regional Director	
(Missouri Nomination)	Ulysses Murray, R. T.
Delegate to ASRT	
Annual Meeting	Robert Rein, R. T.
Alternate	Jerry Casey, R. T.

At the last state convention of the MSRT, in Columbia, Mo., the membership unanimously voted to write the American Society resolutions and by-laws committee for the purpose of amending Chapter 4, Section 2 on membership. This section reads:

"Active members hereinafter designated as members shall be technologists in good standing with the American Society of Radiologic Technologists. A candidate for membership shall support a formal application accompanied by the required application fee."

Amended proposal read:

"Active members hereinafter designated as members shall be technologists certified by the American Registry

of Radiologic Technologists. A candidate for membership shall submit a formal application accompanied by the required fee."

We substituted "certified by" for "in good standing with!"

At the national convention this was modified to read:

"Active members hereinafter designated as members shall be technologists certified by and in good standing with the American Registry of Radiologic Technologists. A candidate for membership shall submit a formal application accompanied by the required application fee. "

The chair asked for guidance of the assembly as to whether this amendment should be resubmitted at the next annual convention of the ASRT.

Mr. Clair Vincent moved the proposal to amend the by-laws of the ASRT as submitted by the MSRT at their annual meeting in October 1970, be resubmitted at the next annual meeting of the ASRT.

Marjorie Tolan went on to explain why the amendment was defeated at the last annual meeting of the ASRT.

Discussion ... There was a second made to the motion to resubmit the amendment proposal of Chapter 4 Section 2. Motion carried.

Mr. Wilson asked for a vote to be taken of those supporting the amendment to be resubmitted. There were 50 voting to support the resubmission. Fifty

members were present.

Mr. Stanley Eisen withdrew his motion that technologists joining district societies be members of the MSRT.

Mr. Warren Dixon, Chairman of the Board of Directors, gave the annual report with the Board of Directors making the following recommendations:

1. Election of officers shall be by mail ballot.
2. Enlarge Board of Directors from the present 3 to include the current president, and a qualified representative from each of the six districts. These representatives be recommended by the membership of the MSRT by the districts in which they reside, and voted on by the membership at its annual meeting. Directors representing the districts shall serve for a period of one year and shall not succeed to board chairmanship.
3. Proposed that counselors and committee chair - men shall be continued to be invited to Board of Director meetings.
4. Proposed that the board of directors shall select from their number three members to approve the disbursements of the societies monies by placement of their signature on MSRT vouchers.

Item #1: Discussion ... Michael Hughes, R. T.

"I move that the election of officers for the MSRT be by mail ballot beginning with the 1972 annual election and to empower the Board of Directors of the MSRT to implement the mechanics thereof." Seconded. Carried.

Item #2: Discussion ... Leslie Wilson made a motion to say,

"I move that the Board of Directors be enlarged to 7, to include the three past presidents, president, vice-president, treasurer, and secretary. "

Discussion Marjorie Tolan amended the motion to read,

"I move that the Board of Directors be enlarged to 13 to include the three past presidents, president, vice-president, treasurer, secretary, and duly elected qualified representatives from each district. A quorum for such meetings shall constitute not less than seven directors to include two officers. Seconded. Motion carried.

Item #3

Item #4 Discussion: Both Items #3 and 4 withdrawn by the Board of Directors.

Item #1 Discussion: Richard Hammer moved that the district representative must be elected only by active members of the MSRT.

Discussion: Phyllis McEnerney amended the motion to read:

"that the district representative must be elected only by active members of the MSRT within that district!"
Seconded. Motion carried.

Gary Brink, R. T. has been appointed as the Editor of the "Missouri Minutes".

Mr. Hammer asked that anyone having difficulty in receiving membership cards, the national publication, or MSRT membership certificates, please contact Ron Ott, Treasurer, MSRT, Department of Radiology, University of Missouri Medical Center, Columbia, Missouri.

The chair recessed the assembly at 4:30 PM to be formally adjourned after the installation of the new officers and awards of the evening session.

Sharon L. Eisterhold, R. T.
Secretary, MSRT

PROGRESS REPORT, MISSOURI PROPOSAL

On November 23, 1971, the Officers and Board of Directors of the Missouri Society of Radiologic Technologists met with three representatives of the Missouri Hospital Association for the purpose of discussing the "Missouri Proposal". As you know, the "Missouri Proposal" consists of various job criteria, conditions of employment, minimum starting salaries, and job benefits which have been drafted by the MSRT for the purpose of elevating the socio-economic status of the radiologic technologists employed in the State of Missouri.

Recently a similar meeting took place only instead of meeting with the representatives of the MHA, the Officers and Board of Directors met with the representatives of the Missouri Radiological Society. The results of that meeting with the radiologists can best be understood by reading a small section from the reply sent on July 8, 1971 to the MSRT by the Missouri Radiological Society: "... Resolved: That the ancillary benefits such as paid vacations, paid holidays, call pay, sick

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Technical Representative

leave, and so forth as suggested by the Missouri Society of Radiologic Technologists and approved by the Missouri Radiological Society be implemented by all radiologists, and that hospital administrators be encouraged to do likewise. "

By receiving approval from the radiologists, the next step was to meet with the hospital administrators to find out whether this proposal met with their approval also. Thus, the stage was set for the meeting which took place on October 23, 1971 between the MSRT and the MHA concerning the "Missouri Proposal".

The outcome of the meeting, although not in itself monumental, was nevertheless a giant step toward the betterment of radiologic technologists since this was the first, but probably not the last, time that our society has approached the hospital administrators concerning implementation of the proposal.

The representatives of the MHA, in an attempt to clarify their position, made several statements to the effect that even though most of the hospitals in the state were members of their organization, the MHA, as an association, did not have the authority to actually do any bargaining for the individual hospitals and that the x-ray society would have to confront the hospitals individually for implementation of the proposal. Nevertheless, the MHA representatives did agree to take this proposal back to their organization in order to solicit comments from its members. It was noted that this would be presented to the members of the MHA at their December 1971 meeting, and that the MSRT would subsequently receive a report of the outcome of the proposal whether it be rejection or approval.

It is, of course, the hope of the MSRT that the "Missouri Proposal" receive official approval by the Missouri Hospital Association as well as the Missouri Radiological Society, because with such backing the chances of seeing its implementation in the near future would be very promising.

SECOND DISTRICT NEWS

Technologists and students from the Departments of Radiology of St. Elizabeth's and Levering Hospitals in Hannibal, Mo. recently attended an interesting meeting at St. Mary's Hospital in Quincy, Illinois.

A lecture and demonstration on the use of ultrasonics in today's medical world was presented by Dr. F. M. Martin, a staff neurologist at St. Mary's Hospital. Mr. Loren Holm, representative for the Picker Corporation, demonstrated ultrasonic equipment as it functions during a brain scan. Examples of several other examinations were presented.

The regular business meeting of the Illinois District followed, and the Hannibal group was invited to participate in several forthcoming events. Refreshments were served and all had a chance to visit before returning home.

CURRENT TRENDS OF THE AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS

Condensed from a Report by Donald Grace, R. T. ,
ASRT Representative to MSRT Annual Meeting
Given on September 30, 1971

PROFESSIONAL AFFAIRS

"In June 1968, at the Los Angeles National Convention, the prime purposes of our Society were amended calling for not only improved education and better patient care, but also to improve the welfare and socio-economics of radiologic technologists. This we have done; and we shall continue to work for improvement."

Thus began Mr. Donald Grace who was addressing the members of the Missouri Society of Radiologic Technologists at their annual meeting September 30 to October 2, 1971. Mr. Grace discussed, among other things, the collective bargaining right of radiologic technologists and told of several "success stories" where technologists did organize and gain recognition and are in the process of signing contracts. Those areas which he alluded to are: Akron, Ohio; West Virginia; and New Orleans, Louisiana, and he went on further to state that the National Labor Relations Board has recently made a ruling in the New Orleans' case stating that registered technologists have the right to form separate units from other technical and professional employees. This ruling was felt to be of great significance since it came from the national office and was a precedent setting event.

LEGISLATIVE ACTIVITIES

On January 26, 1971, an amendment to the Public Health Services Act was reintroduced in the Senate by

Senator Randolph and this bill is numbered S426. The Bill encompasses the principle of Federal Minimum Standards as espoused by the ASRT.

Because organized medicine is in opposition to the Bill at this time, it is felt that we radiologic technologists are in need of allies to join with us to promote this legislation. Osteopaths, PTA's, Urban Leagues and Labor Unions, as well as other allied health groups all represent potential support and a simple phone call to one of these could be beneficial to our cause. It is also recommended that ten letters per month be sent to each state senator stating reasons why this type of legislation is necessary.

Mr. Grace spoke also of the "model legislation bill" presented by the Bureau of Radiological Health which was intended to serve as a guideline for state licensing throughout the United States. Many registered technologists have expressed opposition to this model legislation and their dissatisfaction centers around the following three general categories:

1. The members of the Board of Examiners ,
2. standards of education, training, experience, and
3. provision for limited licenses.

It is felt that the "model bill" does not truly represent the best interest of either the population at large or the radiologic technologists. Although the ASRT is in a somewhat neutral position, the Society does recommend that if state licensure is being considered, it should include reference to the education, certification, and experience standards now acceptable to the ASRT.

BOARD OF DIRECTORS

Mr. Grace continued with his presentation by reminding us that the Board of Directors of the ASRT was now composed of 15 members to include the officers, immediate Past-President, and the ten Regional Directors.

DISTRIBUTION OF ASRT MEMBERSHIP

In the 10 regions which represent the entire United States the following is a breakdown of the percent of registered technologists with ASRT membership:

Region #1	27%
#2	32%
#3	24%
#4	23%
#5	28%
#6	25%
#7	18%
#8	21%
#9	26%
#10	24%
Average	24%

JOB DESCRIPTIONS

In answer to the expressed will of the members, the ASRT, in conjunction with the ACR, developed a set of job descriptions which were published for the first time in the March 1969 issue of our "Journal". In addition to the job descriptions, the ASRT assumed the sole responsibility in recommending a minimum annual starting salary in each of the six levels described. The

figures which were recommended were the result of a study made by the Industrial Relations Staff Services, which was the same organization that made out two wage surveys in 1967 and 1968.

Mr. Grace pointed out further that in order to attract new talent into our field it must be made more attractive economically, and that it was not enough for registered technologists to keep pace with the economy, but rather it was necessary for them to improve their status at "more than the overall increase rate of the other occupations in the health field. The question is "why can't we?"

ASRT GROWTH

The Society has employed a full-time Director of Educational Activities, Robert Coyle, and his efforts are directed toward preparing and up-dating our 24 month curriculum, adapting necessary guidelines for a baccalaureate and associate arts degree with the intention of inclusion into our Junior Colleges and Universities.

This year there are six educational conferences scheduled throughout the country with such themes as Management Men, Machines, Education, Administration and Evaluation. These conferences will be given in February, May, and September, and the probable locations for them are Philadelphia and Atlanta (Feb.), St. Louis and Chicago (May), San Francisco and Los Angeles (Sept.). For more specific information regarding these conferences it was suggested that we watch the Scanner for details.

CONCLUSION

A few years ago the ASRT had numerous committees with hundreds of members, each of which was working "part-time" for the Society besides their regular job requirements. Now, because of our ability to hire full-time professional people due to the reorganization of the Society, the organization "is now in a better position to further its major goals to improve and maintain high educational and technological standards".

FOURTH DISTRICT NEWS

In the October meeting of the Fourth District of the MSRT held in St. Louis, the members adopted a proposal whereby membership in the Fourth District will be contingent upon membership in the Missouri Society of Radiologic Technologists.

This adoption is to become officially effective beginning with the 1971-1972 fiscal year. It was noted by the membership, however, that such practice was already being done "unofficially" and that it would continue to be carried out in this way because, to date, there have been no problems with this method.

It is the expressed intent of the Fourth District to prove that mandatory membership in the State Society being a prerequisite for membership in a District Society actually works no hardship on the members, and that even the students will support this system if given proper explanation for its enactment.

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NOTICE

In an attempt to up-date and correct any oversights which the MSRT has made regarding its membership, the Officers and Board of Directors ask that anyone who is a paid up member of the MSRT, but who has failed to receive all three of the membership credentials; namely, a certificate of membership, an annual seal to be applied to the certificate, and a membership card, please contact our Treasurer at the following address:

Ron Ott, R. T.
University of Missouri Medical
Center
Department of Radiology
Columbia, Missouri 65201

TECHNICAL TALK

Radiographic definition, as defined by Fuchs¹, is the sharpness with which the radiographic detail is recorded on the final picture. The ability to visualize very small or very closely spaced objects is characteristic of good definition.

In contrast to this is the radiograph which does not allow visualization of tiny details and because of excessive penumbra, does not allow the recognition of two very closely spaced objects as being separate entities. It is this last ability, namely the ability to record closely spaced objects as distinct and separate images that is generally used to quantitate radiographic definition. Therefore, when discussing the definition qualities of a particular system the phrases "line pairs per inch" or "line pairs per millimeter" are most often used. This method of describing definition is more accurately termed "resolution" because it quantitatively tells one the number of small lines per inch that can be accurately resolved on a radiographic film. Thus, a system that can yield a resolution of 100 lines/inch is superior to one which yields only 75 lines/inch. It is essential for technologists to understand thoroughly the quantitative method of describing radiographic detail because it is virtually impossible to pick up a recently written article about intensifying screens, radiographic film, or image intensifiers without discovering that continued reference to the resolution ability of the system is described in terms of lines/inch.

Realizing that a resolution figure of 100 lines/inch means very little without a standard for comparison, a chart has been prepared below which lists the typical re-

solution abilities of different recording media. It is intended that the reader will gain at least a comparative knowledge of the resolution abilities of some of the more commonly encountered recording media, as well as a "feel" for the actual resolution figures which are used in describing these media.

**Approximate Resolution Capabilities of Commonly
Encountered Recording Media²**

Non-screen film	approx.	2500 lines/inch
Slow speed screens	approx.	350 lines/inch
Par-speed screens	approx.	250 lines/inch
High-speed screens	approx.	200 lines/inch
Image intensifier	less than	80 lines/inch

References:

1. Fuchs Principles of Radiographic Exposure
 and Processing. Charles C. Thomas,
 Publisher, 1964.

2. Ter-Pogossian The Physical Aspects of Diagnostic
 Radiology. Harper and Row Publishers,
 1967.

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