

REPORT OF THE PRESIDENT ON AFFAIRS OF THE SOCIETY FOR 1961-1962

ARTHUR J. MCNAIR
President

It has been a distinct honor and a real pleasure to serve as President of your Society during the year 1961-62. The Society has continued its growth and there are several directions of progress which this report will amplify. As pointed out at the time of my election in March, 1961, this is the first year in twenty-eight that you have elected an educator to the presidency. Every effort will be made so that this report does not sound like a pedagogical thesis.

COMBINED REPORT OF CENTRAL COMMITTEES:

Your officers and directors have been a dedicated group, who have cooperated with the president in every way and who have served the Society in a distinguished manner. The *Executive Committee* has met six times during the year with an attendance approaching 100%. The *Board of Direction* has also met six times during the year with an attendance approaching 90%. These Board meetings produced a total in excess of seventy pages of single-spaced typewritten minutes. However, this volume of paper alone does not reveal the scope nor importance of the wide-ranging problems which were handled and the actions which were taken. During the year the policy was established of forwarding copies of Board minutes to all of the Local Region presidents so they would be better informed as to the action of the National. To a preponderant extent actions of the Executive Committee and of the Board of Directors are reflected in results which will be reported by each individual committee, consequently no more time will be taken here to elaborate on their activities. Suffice it to say that the Society has made continuous progress. Several projects were initiated by the Board this year, some of which will not see fruition until next year.

The *Publications Committee* under Dr. Richard G. Ray, Chairman, and Deputy Chairman, Earl J. Rogers, together with Editor T. W. Norcross have produced in *PHOTOGRAMMETRIC ENGINEERING* a superior quality magazine. Our *Journal* is read and recognized throughout the world as a technical magazine, par excellence. The committee has had the cooperation of several technically competent reviewers to advise them. The

Board has authorized the publication of an additional issue of *PHOTOGRAMMETRIC ENGINEERING* so that six issues per year will be published henceforth. This will not be implemented until the first issue appears in January, 1963 and thereafter bi-monthly. A part of the January, 1963 issue will be in the form of a Buyer's Guide. The balance will be technical. This will be the first time the Society has ever prepared anything in the format of a buyer's guide. It should be an excellent promotional publication assembling a great deal of information about photogrammetry, equipment, methods, and sources in one convenient issue. The portion of the special issue devoted to technical papers and information should be of widespread interest and assistance to many non-photogrammetrists in related fields. Work is already proceeding on the preparation of the buyer's guide. The contents of the special issue (January 1963) are described more fully in the *Editors Report*. The *Newsletter* which assumed its present form at the beginning of this year under Richard G. Ray and Henry Dill has proven to be an effective means of communications with our membership. The *Newsletter* brings timely items and personal notes to the attention of the members.

The *Manual Sales Committee* has not carried out an active sales campaign this year. It appears that sales of the Second edition of the *MANUAL OF PHOTOGRAMMETRY* will exhaust the supply before the Third edition is published. The *MANUAL OF PHOTOGRAPHIC INTERPRETATION* is selling strongly even without an active sales campaign. During the year the *MANUAL OF PHOTOGRAPHIC INTERPRETATION* started selling its second 5,000 copies and the Board authorized the printing of a final 5,000 copies. At the present rate of sales, the stock of copies will be exhausted about the time it should be possible to produce a revised edition of the book.

The *Membership Committee* of the Society reports that the total of corporate and student members has reached an all-time high of almost 4,000. At this Annual Meeting the largest number of Ford Bartlett membership awards—given by Ford Bartlett of Lockwood, Kessler and Bartlett, Inc.—ever earned in one

year is being awarded. The Society also now boasts the largest number of sustaining members that it has ever had.

The annual budget of the Society is approximately \$93,000 per year. The Secretary has reported the net worth of your Society at present to be about \$135,000. The report of the certified public accountant will be found elsewhere in this Yearbook.

The *28th Annual Meeting* of the American Society of Photogrammetry has been an outstanding success. It has been a concurrent meeting with the American Congress on Surveying and Mapping, 22nd Annual Meeting, as has been the custom during the last seven years. The meetings this year were bigger and better than ever with a combined attendance of 2,500 registrations. There were 90 exhibitors and 133 exhibit booths. The Director, Granville K. Emminzer Jr., and the Assistant Director, Rupert B. Southard, Jr., have coordinated the talents of dozens of workers in the many sub-committees necessary for the effective production of the annual convention. The *Program Committee* under Joseph T. Pilonero, Chairman, and Hubert C. Cain, Deputy Chairman, prepared an excellent technical program. It is expected that most of the papers from this program will be published throughout the year in PHOTOGRAMMETRIC ENGINEERING magazine.

For the first time in three years a *semi-annual meeting* of the Society was held. This was sponsored by the North Atlantic Region of which Mrs. Clarice L. Norton was President. The meetings were held October 4, 5, 6, 1961, at the Biltmore Hotel in New York City with Kenneth E. Reynolds as General Chairman. In every way, technically, educationally, socially, and financially, the meeting was a success. Chairman Reynolds and the North Atlantic Region are to be highly commended for this meeting. A 1962 semi-annual meeting will be held September 9-15, 1962, in St. Louis, Missouri, sponsored by the St. Louis Region of ASP cooperatively with the St. Louis Section of the American Congress on Surveying and Mapping. Glenn A. Harper is the General Chairman.

During the year the membership voted a change in the Constitution and By-laws enlarging the permissible number of *honorary members* from 15 to 18. Under this stipulation, one additional honorary member was elected this year. During the annual meeting honorary membership was conferred on Dr. Talbert Abrams.

The *Local Regions Committee*, under the chairmanship of First Vice President, James P. Webb, has been developing better liaison

with the National Society. The officers and Board of Directors are making every effort to strengthen the Council which is comprised of the representatives from each region. Better and more frequent contacts with the local region officers are expected to strengthen the Society from the grass-roots level upward. In this connection, your President regrets that it was not possible for him to visit each of the local regions as was done by the president during the preceding year. He was able to attend meetings at half of the regions and read with great interest the annual reports of all of the regions. The meetings held were many, varied, and they definitely fulfill the objectives of the American Society of Photogrammetry.

All members received ballots from the nominating committee so know that this committee was active. The report of the Teller's committee is given elsewhere in this issue.

COMBINED REPORT OF TECHNICAL COMMITTEES:

The Research Committee under Chairman Robert E. Altenhofen has kept in contact during the year with research on photogrammetry, photo-interpretation, photographic and cartographic research and both instrumental and computational photogrammetry. As complete a survey as possible of research being done in the U.S. is on file in the Headquarter's Office. The committee's report is in this Yearbook. It should be noted again that, as in past years, considerable research of a classified nature is being performed so that complete reporting is not possible.

The *Nomenclature Committee* under Professor Robert D. Turpin, Chairman, and Everett H. Ramey, Deputy Chairman, have taken on a large task. As many photogrammetrists will recognize, our vocabulary is growing rapidly which necessitates careful definitions and nomenclature analysis. Furthermore, it often happens that two different offices or agencies working on the same kind of equipment may develop entirely different names for the same operations or equipment. The Nomenclature Committee is clarifying all of these words and obtaining standard definitions acceptable to all photogrammetrists where possible. This work is being done in anticipation of and will become a part of the chapter on nomenclature of the third edition of the *MANUAL OF PHOTOGRAMMETRY*.

The *Photo-Interpretation Committee* under Dr. Ta Liang has had its usual busy year. Several new projects have been initiated which should bear fruit in 1963.

The *Technical Information Committee* is one which is called upon frequently by the Society

to answer questions of a technical nature which come to it from both members and non-members. The Chairman this year, Leon J. Kosofsky, has had many inquiries referred to him requiring the expenditure of many hours looking into the background and assembling information for answers to questions of a technical nature about photogrammetry. These replies constitute a real service of the Society both to the public at large as well as to related technical societies and to members of our own Society who seek information. This service is one of the factors which makes us truly a technical and scientific society.

Although the American Society of Photogrammetry does not purport to be a professional society, but rather a scientific and technical society, we still must make our position clear with regard to professional matters. The Chairman of the *Committee on Professional Stature*, Marshall S. Wright, Jr., was called upon several times to interpret the position of the Society.

Next is the report of the *Education Committee*, which has developed what well may result in the outstanding achievement of the 1961-62 year of the Society. Under the Chairmanship of Professor Kenneth S. Curtis, and Deputy Chairman, Fred J. Doyle, and with Professor H. M. Karara and a committee as authors, the Education Committee has prepared a brochure "*Careers in Photogrammetry*." For many years, the Society has needed a descriptive brochure telling about photogrammetry, describing its opportunities and indicating the broad scope of its activities. The brochure, produced by Professor Curtis and the many members of his committee, is aimed primarily at high school students and for use by high school guidance counselors. However, it will be equally adequate for college students and descriptive of photogrammetry for many other purposes. The Board of Directors has authorized the printing of an initial 10,000 copies. The Production manager, Chris Mares, has the copy and the artwork nearly ready for the printer. Copies should be available to members, by request to the Secretary's office, sometime in May. Since interest in Education in Photogrammetry in the U.S. is at such a low ebb at present it is hoped that this brochure "*Careers in Photogrammetry*" will stimulate an interest on the part of students in the pursuit of more knowledge on the subject. Already the Society headquarters has had hundreds of requests for this brochure largely from high schools.

The *Photogrammetry for Highways Committee*, chaired by Jon S. Beazley and assisted

by Fred B. Bales, Deputy Chairman, has established direct contact with each of the 50 state highway departments as well as with the U. S. Bureau of Public Roads. (See page 324 for the committee's report) For the first time at an annual meeting, a space was set aside where state highway engineers and their representatives could meet to discuss mutual problems. Also a definite highway engineers session was held during the annual meeting. This was attended by a large number of highway officials from many states and from the Bureau of Roads. Problems of contracting, negotiation, specifications for photogrammetry, testing of topographic maps, and new methods for using photogrammetry in highways were discussed. As these subjects are discussed during the year and new problems are attacked, it would appear there will be much growth in understanding between photogrammetry and highways.

Articles relating to photogrammetry appearing in U. S. Publications have been abstracted for inclusion in the *International Abstracts* published at the International Training Center, Delft, Netherlands.

Lastly, we come to the preparation of the Third Edition of the *MANUAL OF PHOTOGRAMMETRY*. Morris M. Thompson, Editor in Chief, has this project far along the road toward production. The organization of the chapters has been arranged. The author-editors of the twenty-three chapters together with their assistants have been established. Outlines for each of the chapter headings have been submitted, coordinated, and returned to the author-editors. Writing is now progressing on each of the chapters and some material is already flowing in to Editor Thompson. This very large task will require one to two years of effort but will serve as a real promotion of photogrammetry by the Society.

INTER-SOCIETY COMMITTEES:

The ASP holds regular society representation with a number of other societies and their committees. In addition, ASP is called upon for advice and counsel in several other inter-society relationships. During the past year, the interests of our Society and the representation of our members were watched over as follows: For the *American Association for the Advancement of Science* (AAAS), Dr. Paul Rosenberg maintained contact. For the *American Standards Association*, William P. Tayman of the National Bureau of Standards was the contact. The *District of Columbia Council of Engineering and Architectural Societies* had a difficult situation to handle

and had a particularly busy year especially in the area of counseling high school students pointed toward engineering, science and architecture. David Landen and Gomer T. McNeil, both registered professional engineers, ably represented the Society at the numerous meetings held in the District of Columbia.

The International Liaison Committee of the *International Society for Photogrammetry* with Mr. William C. Cude as Chairman and with U. S. Reporters for each of the seven commissions of the International Society is planning for international meetings in 1962. The international meeting of Committee VII—Photo-Interpretation at the Delft, Netherlands, will be held August 30 to September 5. The meetings of Commissions I, II, III, and IV, (and hopefully also of Commissions V and VI) will be held at Milan, Italy, October 1-6, 1962. These meetings will be for the purpose of planning for the 1964 quadrennial meeting of ISP at Lisbon, Portugal. The U. S. has prime responsibility for Commission II—Plotting Theory and Instruments. The president, Albert L. Nowicki, and secretary, Chester E. Kowalczyk, are doing an excellent job of coordinating the work of the national Reporters throughout the world. Four national societies of photogrammetry were admitted to the ISP during the year.

Professor Laurence H. Lattman has represented the Society on the *Earth Sciences Division of the National Research Council* and Charles Theurer has provided similar representation for the *Cartography Division of NRC*.

In addition to the above regular representation committees, ASP has been called upon to consult on other scientific and engineering problems. The *National Register of Scientific and Technical Personnel* is undergoing extensive revision this year. For the past several years, this roster has not reflected the specializations or capabilities of the members of the American Society of Photogrammetry. The next time (presumably in 1962) members are circularized to determine their specialties in scientific and engineering endeavors, it is expected that they will be able to designate their areas of work much more accurately.

The *American Society of Civil Engineers* committee on *Professional Practice* has established a sub-committee to prepare guide lines for the professional practice of surveying and mapping. This committee has sought and obtained liaison with other surveying and mapping societies including ASP.

This year exploratory meetings were held in October, 1961 and in March, 1962 to determine what could be done by way of inter-society liaison amongst related societies. Second Vice President Robert S. Quackenbush Jr. has served as delegate to this *Inter-Society Liaison Committee* assisted by Revere Sanders as Alternate. Admittedly, progress has been slow, but discussions have been held with representatives of the following: Society of Photographic Scientists and Engineers, Society of Photographic Instrumentation Engineers, Society of Motion Picture and Television Engineers, and the American Congress on Surveying and Mapping. Informative contacts have also been established with the American Society of Civil Engineers, the Photointerpretation branch of the Geological Society of America, and the International Society of Stereology.

GROWTH AND PROBLEMS:

As the horizons of photogrammetry expand the need is apparent for further growth in the Society. All photogrammetrists are aware of the increasing part being played by computational photogrammetry. The Board of Direction has approved the establishment of a committee in the Technical Committee framework to embrace the interests of our members on *computational photogrammetry*. The exact title and the scope or objectives of such a committee have not been selected by those members interested in its establishment but this should be accomplished soon. The establishment of at least *two other technical committees* to keep pace with the expanding uses of photogrammetry is anticipated.

In the meantime, our membership is growing, our records and files are expanding all the time, but our *office space* has not expanded. The Society headquarters is faced with some immediate problems with regard to space. Even though our efficient and hard working secretary, C. Earl Palmer and his staff are continually improving and modernizing the handling of records at the headquarters, they have reached a limit and need help. The Society receives each year many books, magazines and articles which should form the basis of an excellent *library* for the use of all of our members. There is no longer any space at the Society headquarters to store these materials much less to have them cataloged and available for study and research by such committees as the technical information, research, education or abstracts committees.

The Society is in a strong financial position with a budget in the black. However, it is no longer realistic for us to maintain *the dues at an annual* rate of \$6.50 which it has been for ten years. The services provided to the members by the Society, including the subscription to PHOTOGRAMMETRIC ENGINEERING, costs considerably more than \$6.50 per year. The Society is continually taking funds received from sales of the Manuals and from profits of the annual meetings to subsidize the membership, whereas these funds should be used for better service to the members and for the promotion of photogrammetry and development into new areas. It might be noted in this respect that all of our sister societies

have higher annual dues. One or two of them have dues up to \$20 and \$25 per year.

It would not be proper to close this report without acknowledging the debt of gratitude which the Society owes to such men as C. Earl Palmer, the Secretary who holds the threads together throughout the year, to T. W. Norcross, our beloved editor who champions the cause of photogrammetry and maintains a respected and sought-after publication, and to the dozens and hundreds of contributing loyal members of our Society.

It has indeed been a pleasure to serve your Society as President. The task would have been impossible without the assistance of many willing hands.

PRESIDENTIAL ACCEPTANCE SPEECH

JAMES P. WEBB

MARCH 16, 1962

It is indeed an honor to be elected to the Presidency of our Society. I feel deeply the responsibility of attempting to fill the shoes of those who have occupied this post before me. I am aware of my responsibilities and the magnitude of the job you have given to me. I do not expect it to be easy, and it cannot be done alone. The tasks are too numerous, the interests of the membership too broad, and the judgments too important for one individual, or even a small group of individuals, to be wholly satisfactory. We are quite fortunate in having a large and versatile leadership that is constantly bringing in new blood. I hope to be an effective member of this team.

If we are to survive as an active, virile organization, each of you, or at least most of you, must be willing to contribute some of your time and talents to the advancement of the aims established by the founders of our Society. These aims range from the training of our youth, to the scientific development and application of techniques for securing, using, and measuring photography. Our objectives remain the same—to attract youth to this science and to collect and disseminate information of value to those who are concerned with its aims and activities.

I will not impose upon you by dwelling on the objectives for 1962 or the plans for their execution. If you are interested in the area assigned to one of the Central or Technical Committees, you are encouraged to contact the appropriate committee chairman. A positive program for each of these committees exists. Definite projects, goals, or objectives have been recommended or established and schedules set for their completion.

Many committees are establishing more-or-less permanent working groups to provide continuity lacking at present due to the annual turnover of committee members. I am fairly certain one of these permanent working groups is engaged in an activity of interest to you. I encourage you to seek it and to become a part of that endeavor. The work can be most stimulating and the results personally gratifying.

There is much to be done. I believe it to be worth the effort, and its success depends on you. This is your Society. Advancement of these sciences is to our common interest, for it is our profession and our livelihood. I consider the ensuing year an opportunity to serve you to the best of my ability. Thank you.