



THE MANITOBA PROFESSIONAL ENGINEER

November, 1964

Bulletin of the Association of Professional Engineers of the
Province of Manitoba

FORTY-FIFTH

Annual General Meeting

Thursday, November 26, 1964, 2.00 p.m.

FORT GARRY HOTEL

Reception and Dinner 6.00 p.m.

PROGRAMME

1.30 p.m. Registration Opens
2.00 p.m. Official Opening by President
Introduction of Guests
Minutes of Annual General Meeting of November 28, 1963
Minutes of Special Meeting of September 14, 1964
President's Address
Registrar's Report
Committee Reports
Auditors' Report
Discussion on Reports
Appointment of Auditors
Draft Budget
Declaration of Councillors Elected

RECESS—Coffee

Panel Discussion—Topic: In view of the effect that technical obsolescence can have on the profession as a whole, does the A. P. E. M. have a responsibility to promote professional and technical development of the individual member?
Panelists and Audience Participation.

Declaration of Officers Elected

6.00 p.m. Reception

6.30 p.m. Dinner

Presentation of Certificates of Life Membership

Guest Speaker: Hon. S. R. Lyon, Minister of Mines and Natural Resources, Province of Manitoba - "Parks for the Future"

Ceremony of Turning Over Gavel to Incoming President

Bring this with you to the Meeting

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President — B. Chappell, P. Eng.

Vice-President — S. J. Borgford, P. Eng.

Secretary and Registrar — T. E. Weber, P. Eng.

The Manitoba Professional Engineer is published under the direction of the Bulletin Committee

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President's Message

Progress in the affairs of the Association this past year has been reflected in the various reports of Committee Chairmen, as outlined in this issue of the Bulletin. It would be needless for me to review the contents now, but the information presented does indicate the extent of the committee assignments and the work entrusted to the many voluntary members.

An excellent insight and discussion of committee subjects was fully dealt with at a general meeting of all chairmen on 16 March. A report of this gathering was included in the July Bulletin. Although terms of reference need to be further enlarged and clarified for many of the groups, it was encouraging to feel the enthusiasm and the expression of ideas which were developed; but which require in the future a greater degree of direction than it has been able to provide within the scope of time by Council at its regular meetings. It is obvious that the coordination of 14 committees, assignments, and progress follow-up require a great deal of attention by someone who can devote more exclusively his time and knowledge within the day to day activities of the Association.

Having passed into the single role when taking office, to the attention of A.P.E.M. matters only, it was felt that, excluding the thought of E.I.C. meetings and problems, considerable more time would provide the opportunity for closer liaison with committees, many outside interests, and other commitments for development. This, however, was not as fully realized as had been hoped for; but agendas of all Council meetings required extension of al-

lotted schedules and completion of business was only made possible by the patience and loyalty of Council members.

You will have already received information as to progress of Canadian Council activities towards the completion of its accepted Charter; and in the final phases of the draft, many matters were referred to Councils of provincial associations for comments, discussion, and approval. It was a privilege to have attended the Annual meeting of Canadian Council in Regina, 13 to 15 May, in company with our representative, Tom Weber. The extent and scope of Canadian Council's activities, and the Dominion-wide benefits to all Associations can only be appreciated when the vast amount of subject matter is reviewed at such meetings. It is obvious to most of us, I feel, that travelling on our own to solve and standardize our plans can prove to be a difficult process; but the association with many others across Canada of similar objectives can provide headway and confidence to all. The united effort by Canadian Council is a strengthening force and medium of cooperation which brings benefits to the Engineer with far-reaching plans to upgrade the standards of practice, ethics, and the public image.

I attended the Annual meeting of the Ontario Association at Niagara Falls in February, and the Alberta Association in March, while Vice-President Scotti Borgford attended the Saskatchewan Association meeting in Regina during February. The full two day program at Niagara Falls was indicative of the growth and activity of Engineers in that Province;

extremely well publicized in newspapers, and record attendance at all sessions. The courtesies and help extended by officers of that association were deeply appreciated, and we are fortunate that their advances and operational material of activities related to the Technicians and Chapter groups are so readily available for our consideration and guidance. Emphasis on educational development plans for Engineers was strongly keynoted in general sessions and panel discussions.

It had been hoped this year to develop the interests of our Association to members outside the Winnipeg Metropolitan area, such as Flin Flon, Thompson, and Pinawa, but this regretfully has not been achieved. We had a spurt of interest from a group at Brandon; a supper meeting was held at that location on 15 April, where a few of our members from Winnipeg attended, along with some dozen members in that area. It was subsequently agreed by Council that a committee be set up at Brandon, to encourage interest over a substantial area, and provide the liaison between it and Council at Winnipeg. This group has not yet reported back to Council, but it is hoped that it will be among the committees to be set up early in 1965.

One major concern of Council this year was the development of the overall phases of the Association's activities and service to members. It was recognized that the continuing expansion of membership and a need for added permanent staff were essential to orderly and progressive development. Committees were appointed to look into all aspects of requirements; and with presentation of these reports, Council approved processing the necessary by-law amendments to increase fees commensurate with the estimated budget requirements of a fulltime Registrar. All members were made aware of the general meeting on 14 September which endorsed Council's proposal.

Letter balloting from members approved on 14 October the recommended registration and fee increases, which are now in effect. Other by-law amendments were also fully endorsed.

Advertisements were placed for broad newspaper coverage to request application for the position of a full time Registrar. A satisfactory appointment in due course, together with office space adjustments, should thereby highlight a point of development in the organization.

We have had some informal preliminary discussions with the Architects' Association and the E.I.C. Branch in Winnipeg, with respect to joint office accommodation; and I do feel that such an arrangement would bring

about an efficient and purposeful approach to good understanding and united strength of the professions. Extension of this idea to bring all professions more closely together in their common goals could be an aim to foster in the years ahead.

Some members continue to raise the point from time to time as to the possibility of the A.P.E.M. sponsoring technical meetings. If one were to review the opportunities within the activities of many technical societies today, it is evident that it has wide and full coverage in nearly all fields of Science and Engineering. Membership is available for all those who are eligible to participate and receive benefits.

Although the hopes and plans of the Confederation Committee were discarded by Engineers across Canada last year, I still feel a great opportunity for an integrated Engineering body has only been temporarily shelved. The function of your Association is clear cut, as there are those of technical groups, and the Engineer has the opportunity to contribute and assist at all times where possible to do so.

I attended a meeting on 20 October sponsored by the Manitoba Medico-Legal Society, where the British jurist Lord Devlin spoke. He charged that the greatest danger facing the professional man in today's changing world is the threat that the state will take away his freedom and decide how he does his job. He said, "We must submit to state control in many areas but we must never allow ourselves to be told how to do our jobs."

The Professional Engineers have been told what to do by the Act of the Legislature; and we, as a responsible body of elected members must decide best how to do it; and in this regard the Council must continue to do the best job with knowledgeable factors available at all times, and to continue the role of the Engineer on the highest plane indicative of his calling.

The scope of my remarks seems to be off-shooting into some broader realms of thought, beyond the point of conciseness, which was my first intention. The following therefore are a few additional thoughts I would like to add:

1. A closer tie of Engineers within the province needs to be progressed actively — possibly additional field committees, or a form of Chapter organization would be effective.
2. Constructive criticism is always acceptable to Council, and a broader knowledge of Engineers' desires or wishes would be beneficial to overall development. It is a matter of concern when fuller response is

not received to voting on by-law amendments, or other matters. For instance, only 38 percent of the membership responded to the recent by-law voting. The overall average of response in such an important matter as Confederation was even less.

3. Enrollment in Manitoba E.I.C., for example, is only approximately one-third our A.P.E.M. membership, and yet it is a medium for active participation in well organized technical meetings. Surely, it cannot be fee costs — when such are compared with other professions?
4. Contact with the University Engineering student is not always attained; and probably closer liaison should exist, particularly with the graduating class. Each year the very special calling of the Engineer into practice is solemnized in the Kipling Ritual. Yet the proportion of practising Engineers to new Engineers at such meetings is usually deplorably small. I am confident that the presence of the Association members in greater numbers — even equal to the graduating class — with the opportunity to mingle and give some words of encouragement during the last short meeting before examinations and graduation, would be appreciated and remembered by all concerned.

The yearly details of problems and planning require the concerted and conscientious efforts of all those who participate in the Association's activities. We must always keep foremost in our thinking, the broader and longer range plans to the betterment of a strong, co-ordinated provincial and national organization to attain the objectives and lasting benefits to the people in the profession.

One cannot help but have respect and admiration for all members of this Association who, in previous years, have brought new and progressive ideas to meet changing conditions. It has been an honor and privilege for me to play a part as your President for one fleeting year in time. But it is not a one-man effort, and I wish to express my appreciation to members of Council, committees, and other groups, for their work and assistance, which makes possible the orderly transition from year to year.

I would particularly like to thank Tom Weber who has carried out the duties of Registrar the greater part of the year. He has most capably handled the many details of his office, and is also a valuable representative of our Association on Canadian Council.

Each year many thanks go to our Executive Secretary, Mrs. Dunklee, for the assistance she gives all groups. This past year has dem-

onstrated again that her efforts were never over-emphasized; we are fortunate indeed to have someone with her capabilities, conscientious attention to duties, gainful advice, recording of all aspects of the Association's activities, and so dedicated to the highest objectives of our activities.

Respectfully submitted,

B. CHAPPELL, P.Eng.,
President.



Flin Flon News

By M. N. COLLISON, P. Eng.

Gordon Carss, P. Eng., spent his vacation with his wife and family at Greenwater Lake Provincial Park in Saskatchewan and, also, near Regina on his father's farm where he assisted in combining wheat. This certainly bears out the theory that a change is as good as good as a rest. Gordon also attended the Sewerage and Water Works Conference in Winnipeg at the end of September. Right now he is back, hard at work, looking after the affairs of the Town of Flin Flon.

Bob Bray, P. Eng., reports spending his vacation with his wife and family mostly at Beaver Lake, Saskatchewan, where he was busy breaking in a new boat and motor. Bob and his wife also spent a week in Winnipeg, which mostly went towards the support of the retail merchants.

Tony de Vette, P. Eng., is leaving on December 8th for a seven-week tour of Europe. This, says Tony, will be his second honeymoon. There will be more details (of the tour) on his return.

E. S. Austin, P. Eng., and W. A. Green, P. Eng., were both in town recently to attend the Board of Directors meeting of the Hudson Bay Mining and Smelting Co., Limited that was held here on October 22nd. At this time we were honoured by the presence of Premier Roblin, and four of his cabinet ministers, who presented each director with a replica of a Red River Cart as well as presenting Mr. Green with a Buffalo in appreciation of his service to the mining industry of Manitoba since 1926.

Ethel and I had a very fine three-week vacation trip a month ago, travelling to Washington, D.C., by train from Winnipeg and spending the time there and in New York City visiting relatives and friends, as well as three days at the New York Fair and taking in several Broadway shows, etc.

Harry Easton, P. Eng., was recently re-elected to the Flin Flon Town Council. Congratulations, Harry!

Salary Survey Report

As in the past, your committee has reviewed the statistical returns as of December 1, 1963, made available through the Manitoba Registrar, by the Ontario Association.

Manitoba's participation in the survey can be compared with that in Ontario, since the questionnaires were sent to all registered engineers in both provinces. In Manitoba, 448 registered engineers returned cards out of a total registration of 1,356 as at December 1, 1963, or a return of about 33 per cent. Ontario made almost twice this showing — about 62 per cent. Moreover, Ontario stated that this is somewhat lower than the previous year. In our case also, the number reporting was less than one year ago; 492 vs 448, which was closer to 38 per cent of the membership.

Regrettably, it is still not possible to analyse or portray Manitoba salaries in accordance with degree of responsibility, as is done in the Annual Salary Report by the Canadian Council of Professional Engineers. It should be better known than it is perhaps, that the Council's report is compiled from an entirely different source; via the returns of 172 organizations employing 11,312 engineers in four provinces: Alberta, British Columbia, Ontario and Quebec. There are no corresponding returns available for Manitoba.

Turning now to the charts accompanying this report, a few observations may be made.

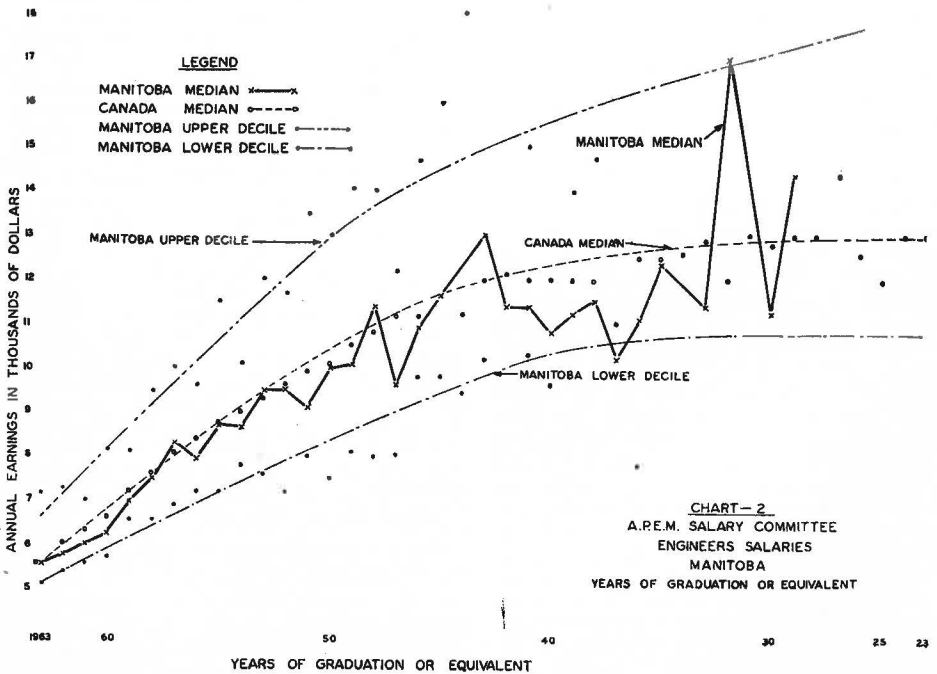
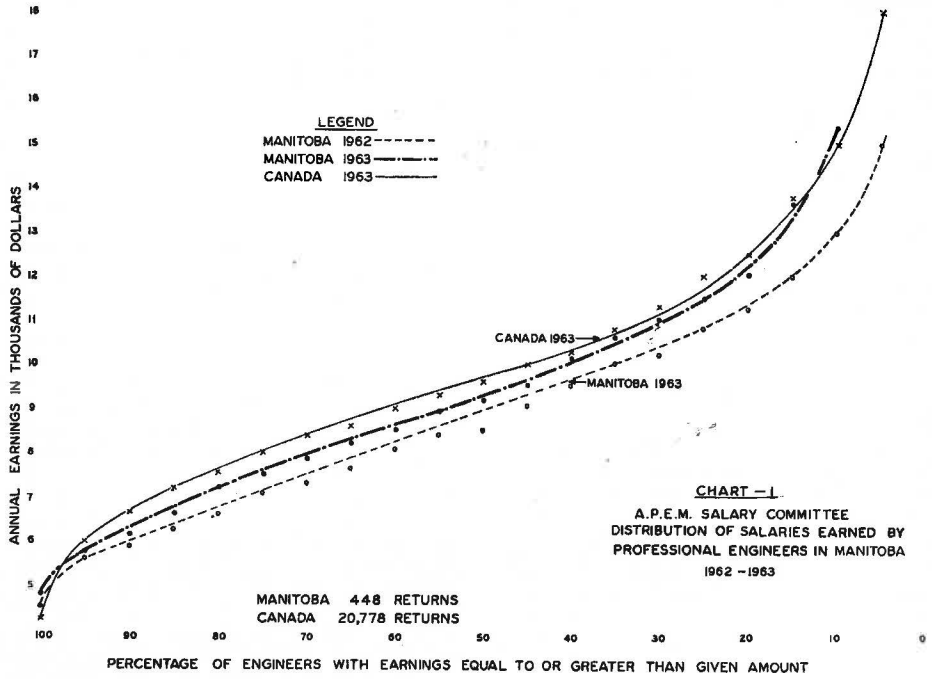
CHART No. 1

Chart number 1 compares distribution of Manitoba 1963 salaries earned with Canada, as a whole, and with the same Manitoba distribution in 1962. Almost predictably this family of curves reveals that the annual change, and the spread between salaries in Manitoba compared with those in the rest of the country, is least for the group with the lowest earnings. The earnings of those people is both more uniform across the country, and more stable. At the other end of the curves, these two characteristics show greater variation. But it is perhaps unnecessary to be reminded that this involves a much smaller number. There is, however, better conformity of Manitoba salaries with those for the country as a whole, which indicates some recovery from the disturbing trend revealed in the similar curves last year. This, however, is not uniformly applicable to all engineers as the following discussion points out.

CHART No. 2

Median Salaries in Manitoba by years of graduation are compared with the corresponding Medians for all Canada in this chart, but which also strikes curves for upper and lower deciles by graduation year for Manitoba Engineers reporting. It will be noted that the comparisons chosen for representation this year differ from those shown in previous reports. This year it was deemed more interesting to show three curves for Manitoba, i.e., Upper and Lower Deciles and Medians by year of graduation, rather than the same family for all of Canada compared with Manitoba Medians only. As has been observed in previous reports, there is considerable scatter in the salaries earned in relation to the years since graduation. But the fact that the amount of such scatter is more marked in Manitoba than for the all-Canada curve shown is surely less a matter of significance in regard to earnings, than to the intrinsic nature of the statistic itself. It would appear to demonstrate that the amount of scatter diminishes with the size of the group comprising the study; better correlation depends upon a larger population. With but few exceptions, however, it is apparent that the median salary in Manitoba is still generally somewhat lower than for the whole country, \$9,600.00 for all-Canada vs \$9,480.00 for Manitoba, or a differential of 1¼% (last year the difference was 4%). This seems to be the effect after an adjustment in Manitoba Median salary level during the year from \$8,508 a year ago — an increase of 11.4%. This put Manitoba ahead of the Maritimes, Quebec and presumably Saskatchewan as well, but this can only be inferred since no figures for Saskatchewan alone are available. (A puzzling comparison shows up in Quebec where reports indicate a reduction in Median salary from \$10,000.00 a year ago to \$9,360.00 this year. However, the Quebec Bulletin draws attention to this as a statistical anomaly in last year's report which gave an increase of 11.1% in Median salary over the previous year). In all comparisons also it should be noted that Ontario reports do not include the graduates for the preceding two years.

The following tabulation compares the per cent questionnaire returns from each graduating year, with the distribution of engineers by year of graduation in the 1962 Roster of Registered Professional Engineers in Manitoba, but in 5 year increments.



Years of Graduation	% Returns	% Registered
1923 - 27	1.6	3.6
1928 - 32	4.8	5.7
1933 - 37	7.0	8.3
1938 - 42	7.2	9.4
1943 - 47	10.0	8.9
1948 - 52	27.4	31.4
1953 - 57	20.8	20.4
1958 - 62	21.2	12.3

It is noteworthy that 42% of returns are from the group of recent graduates with 32.7% of number registered. Since this represents the most recent (10 years) graduates, with Median salaries of between \$7,000 and \$9,000 it is obvious that there will be a weighting effect upon the lower part of the chart. At the same time it corrects an impression that the more recently graduated engineers are less interested.

This year the Professional Manpower Bulletin of the Department of Labour is not available; thus further comparison with this other source is not possible.

Your committee would have liked to see behind the statistics, and evaluate the position of the registered engineer in the community, and his status within his own profession. This is beyond the scope of the committee with the fact-gathering means at its disposal. It is suspected that professional engineers have not taken up the challenge to improve their own status by working at their public image, by practising the tenets of their training in the management of their own human resources whenever they are in a position to do so, and by cultivating a more cohesive "esprit de corps" within their profession.

For it is abundantly clear that the present deficiency in the numbers of students entering some branches of the profession will result in aggravating the present shortage of qualified people. If we are to serve the best interests of the profession, of the province, and of Canada itself we must do what we must to build up the engineer. For our country, if it is to rise to the challenge of today, to fully develop its potential and capitalize its enviable endowment of human and physical resources, needs more and more highly trained people. Our engineers can and should not only be among them, but must be recognized as key factors in the coming struggle to achieve nationhood; and as a nation, prominence in the family of nations.

Respectfully submitted,
 F. G. Denson, P. Eng.
 Geo. C. Durham, P. Eng.
 D. S. G. Ross, P. Eng., Chairman

BULLETIN COMMITTEE

During 1964 four issues of The Manitoba Professional Engineer were published, three being of general interest and one being designed specifically for the Annual Meeting and containing committee reports.

The Bulletin continued to carry reports of Council meetings, Association social and sports events and news of general interest to members. Articles were published on engineering projects in the province that are of general interest to the members and the series of interviews with older members was continued.

The cost of publication has remained within the budget.

Members of the Committee are listed on the masthead and I would like to thank them for their contributions during the year. I would also like to acknowledge the valuable assistance received from Mrs. Dunklee during our many lunch hour meetings.

Respectfully submitted,
 C. R. McBAIN, P. Eng.,
 Editor and Chairman,
 Bulletin Committee.



COMMITTEE ON LEGISLATION

Council requested that two studies be made by the Committee on Legislation during 1964:

1. A study of proposed amendments to the Architects' Act.
2. Preparation of By-Law revisions for submission to the membership.

In the case of the former, our study had been completed and recommendations submitted to Council, when we were informed by the Manitoba Association of Architects that they had been forced to change their proposed revisions, but would keep us informed of any new proposals.

By-Law revisions recommended by your Committee were, with the exception of one which Council decided to postpone, submitted to the membership at a special meeting on September 14 where they received almost unanimous approval. On their subsequent submission by letter ballot to the membership at large, they were all approved by the necessary two-thirds majority.

The following members comprised your Committee on Legislation during 1964: Messrs. Barkwell, Magill, Noonan, Roper, Storey, and Young.

Respectfully submitted,
 R. T. HARLAND, P. Eng.,
 Chairman.

REPORT OF THE SECRETARY-REGISTRAR

To the President, Council and Members:
Gentlemen:

I present herewith the report of the Secretary-Registrar for the year ending October 31, 1964.

Professor Oscar Marantz who served as Secretary-Registrar since 1961 resigned in May when he received a leave of absence from the University to further his education in the United States. The writer was appointed to the position in May on an interim basis until such time as a decision had been reached as to whether a full-time registrar would be appointed. The necessary by-law change to increase the annual fees was approved by the membership and Council has advertised for a full-time registrar. It is hoped the new incumbent will assume his duties on January 1, 1965.

Council held thirteen meetings during the year with an average attendance of seven Councillors. A departure from the general rule was made this year as Council was required to meet during July and August in order to expedite the preparation of material in respect to the requirements of and the plans for the future of the Association under a full time registrar. The Councillors gave this matter a critical and thorough study as they have all other matters which have come before them in the past year.

In January Council set up an Executive Committee composed of the President, Vice-President, Past President and Registrar. The Executive Committee reviews the items for the agenda for each Council Meeting and brings recommendations to Council on each item. This procedure has helped to minimize discussions on routine matters at Council Meetings and allowed more time for consideration of major items and policy matters. As the programmes of the Association expand the position of the Executive Committee will become more important.

Registrations this year were 125 bringing the total membership to 1397. The net gain in membership for the year was 41 after deduction losses by deaths, transfers and resignations. There were 33 Engineers-in-Training enrolled bringing the total to 50. We had at the close of the year 10 student members.

The Association's scholarships and several slide rules were presented to exceptional students registered in Engineering at the University of Manitoba.

A number of legal-ethical questions were dealt with by Council. These included the improper use of the term engineer and the hiring of non-registered persons to do engineering works. The Council found it necessary following informal hearings to serve a reprimand to a member for a breach of the Code of Ethics.

The exchange of ideas between ours and other Associations was continued as in former years by President Chappell attending the Annual Meetings of Alberta and Ontario. Vice-President Borgford represented our Association in Saskatchewan. President Chappell and I were present at the Canadian Council meeting in Regina in May.

Our office continues to be active in assisting members and engineers-in-training to find employment as well as employers seeking the services of engineers. There has been a noted increase for information in respect to engineering opportunities in Manitoba from foreign engineers.

We regret to record the deaths of the following members during 1964: R. C. Brehaut, F. Eaton, D. Jack, J. L. McMahan and J. M. Morton.

I would like to extend my thanks to our Executive Secretary, Mrs. Dunklee, for her continued loyalty and devotion to the Association.

Respectfully submitted,

T. E. WEBER, P. Eng.,
Secretary-Registrar.



ENGINEER-ARCHITECT COMMITTEE

During the year the Engineer-Architect Committee met 10 times, and a good liaison was maintained by the Engineering and Architecture Association, which is the primary purpose of the Committee.

In addition, the Committee discussed and recommended to the respective Councils that approval of the draft "Inter-Professional Principles of Practice for Architects and Engineers" prepared by the National Joint Architect-Engineer Committee. This draft was subsequently approved by Council of this Association.

It is recommended that the work of this Committee continue in order to maintain the good relationship and mutual understanding now in existence between the two Professions.

Respectfully submitted,

R. C. SOMMERVILLE, P. Eng.

STUDENT LIAISON COMMITTEE**REPORT OF ACTIVITIES**

1963 - 64

This was a newly-formed committee initially comprised of the Engineering Senior Stick and Vice-Stick and APEM members.

Our approach this past year has been to concentrate on the third and fourth year engineering classes. With the co-operation of the Department Heads, a qualified professional engineer in the electrical and mechanical fields talked to the students on the general aspects of engineering practice in his respective field. The speaker was introduced by an APEM Student Liaison member who took the opportunity to acquaint the students with what the APEM is, what we are now doing in support of student activities and noting the various membership classifications. The talk was followed by a question and answer period.

The above format has worked out very well in so far as student interest is concerned. The electrical talk was followed by a trip to one of the Manitoba Hydro plants on the Winnipeg River. It is our intention to continue along these general lines again throughout the present university year, increasing the number of talks to take in the civil students as well as the electrical and mechanical students.

To date the Student Liaison Committee has spoken only to university engineering students. There is also a job to be done at the high school level, of course. This is being covered by the Public Relations Committee now and should remain a P.R. function. There are some side functions, such as the slide rule presentations, however (presented to the three top average students entering first year engineering), which could be handled by either committee or as a joint effort. We hope to resolve this matter in the near future.

A recent development to enable campus work to be properly co-ordinated and done more effectively, has been to make the Student Liaison Committee a sub-committee of the Membership committee. The Chairman of the Student Liaison Sub-committee will sit on the membership committee meetings and report to the Membership committee chairman. Campus visits can thus stress post-graduation registration as Engineer-in-Training as well as fully registered membership status.

There is a continuing need for student liaison work. It is difficult to measure the results to date and, as can be seen, we are still trying to determine various committee responsibilities. However, we believe that we are on the right track and that progress has been

made this past year. Student Liaison Committee Members: A. Priestley, A. G. Burrows, R. W. Haywood, E. F. Mackenzie (Chairman).

Respectfully submitted,

E. F. MACKENZIE, P. Eng.,
Chairman.

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**ENGINEERING TECHNICIANS
COMMITTEE**

Members — A. Penman, R. Hood, H. W. Grant, A. H. Pask, C. M. Hovey, A. C. Warrender, M. Del Begio, J. W. A. Godfrey.

Council in 1963 approved our Committee's suggestion that the APEM foster and participate in a registration program for technicians and technologists.

A study was made of the Technicians and Technologists Societies in B.C., Alta., Sask., and Ont. From the study we arrived at some basic principles for formation of the Manitoba Society of Engineering Technicians and Technologists. These were:

1. The technicians organization should be entirely separate from the association.
2. Voluntary application.
3. APEM should assist in fostering this organization in the early stages and possibly retain some degree of control over it.
4. Certification program to be guided by APEM.
5. All functions should be controlled by members of the organization.
6. Organization and certification to be as similar as possible to other organizations formed in other provinces (B.C., Alberta, Sask. and Ontario) — To facilitate formation of national body, if possible at a later date.
7. Ultimately the Technicians organization should be financially independent. During initial period the APEM should bear part of the cost.
8. APEM should be represented on the executive of the technician organization. These representatives to be appointed by council.
9. Shall not engage in collective bargaining, of any sort.

Based on this outline and following a discussion with Mr. D. M. Jones, the Association's lawyer, the committee drafted up the suggested objects, constitution, by-laws, and certification requirements of the proposed So-

ciety. This, plus a suggested growth rate and estimate of expenses and revenues for a 5-year period, was forwarded to council for approval and comment.

At the October 7th meeting of council, our submission was endorsed in principal and permission to proceed with discussions with the technicians and technologists was given the committee. The Society as proposed would be formed under the Company's Act and have legal status as such.

In this brief report it would be impossible to cover all the details of the material submitted to council. Copies of the proposed objects, constitution, by-laws, certification requirements, etc., may be obtained by contacting the Association office. A limited number of copies will also be available at the Annual Meeting.

Engineers knowing technicians or technologists who would be interested in this proposed Society are requested to leave the names of these technicians or technologists with the Association office or any member of this committee.

Respectfully submitted,

A. C. WARRENDER, P. Eng.,
Chairman.

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PUBLIC RELATIONS COMMITTEE

The Committee, under the chairmanship of Mr. G. Trotter had their first meeting on January 14th of this year; active members of the Committee were as follows:

Mr. G. T. Trotter
Mr. J. Iliffe
Mr. J. Lewis
Mr. A. Eshmade
Mr. A. W. Bell
Mr. C. Burgoyne
Mr. R. Dutka
Mr. R. Drysdale
Mr. R. Goodwin
Mr. R. McIntosh

Mr. W. H. Finnbogason attended the Committee's meetings as a representative from Council and gave the Committee much help and assistance.

The Committee Members have spent their time during the past year endeavoring to evaluate some of the problems confronting the Association and trying to obtain an understanding of the function of the Association in the Province of Manitoba.

A stated "Purpose of the Association" as compiled by the two Committee Members was

approved by the Committee as a whole at their meeting of June 29th, 1964. This has been forwarded to Council for their consideration.

It is the intention of the Committee now to compile a long range programme aimed at the fulfillment of this purpose. Once this has been done the purpose as seen by the Committee together with their proposed Programme will be submitted to Council for their comments and approval.

The Committee early in the year came to recognize the need for the Association to have a full time executive assistant or Registrar. A resolution to this effect was made and carried during the Committee's meeting of April 20th, 1964, and subsequently forwarded to Council. In view of this the Committee's Chairman was pleased to join other Committee Chairmen in endorsing Council's decision to take the action necessary to obtain the services of a full time Registrar.

The Committee continued their efforts in Career Guidance on behalf of the Association and were especially pleased to be a part of the Career Day Programme organized by the Beausejour Collegiate Institute. In this instance some fifty students attended an hour long, illustrated talk on the Engineering Profession.

The Committee once again and with the help of Professor H. North of the University of Manitoba arranged for the presentation of slide rules to the three top students entering the faculty of Engineering at the University this Fall.

These students are:

Mr. D. G. Chapman
Mr. I. L. Purdy
Mr. W. D. Adolphe

Mr. S. J. Borgford presented the slide rules to these students at the Freshmen's Banquet on behalf of the Association.

G. T. TROTTER, P. Eng.

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C. D. HOWE MEMORIAL FELLOWSHIPS

We are advised that three C. D. Howe Memorial Fellowships will be made each year, each award being normally tenable for one year. The value of each award is \$5,000 for single applicants and \$7,000 for married ones. The awards may be held by men or women who are Canadian citizens, or who are normally resident in Canada, and who hold a doctoral degree or the equivalent. For further information and/or application forms please contact Director of Awards, Canadian Universities Foundation, 75 Albert St., Ottawa, Ont.

AUDITOR'S REPORTWinnipeg, Manitoba,
November 9, 1964.

The President,
Association of Professional Engineers
of the Province of Manitoba,
Winnipeg, Manitoba.

Dear Sir:

We have examined the accounts of the

**ASSOCIATION OF PROFESSIONAL ENGINEERS
OF THE PROVINCE OF MANITOBA**

for the twelve months ended October 31, 1964, and submit herewith for your information the following financial statements:

- Exhibit A Comparative Statement of Assets and Liabilities,
October 31, 1964-63,
- Exhibit B Comparative Statement of Revenue and Expenditure,
Twelve months ended October 31, 1964-63,
- Schedule 1 Schedule of Investment Account,
Twelve months ended October 31, 1964,
- Schedule 2 Schedule of Changes in Members' Roll,
Twelve months ended October 31, 1964.

We report thereon as follows:

COMPARATIVE STATEMENT OF ASSETS AND LIABILITIES

Cash and Bank Balances: The cash on hand, \$14.91, was verified by actual count at date of audit. Transactions on the Bank Accounts were audited in detail for the year under review and the balances on deposit totalling \$7,527.25 were confirmed by certificate obtained direct from the Bank.

Investments: Direct confirmation was obtained from your Bank to the effect that Bonds totalling \$27,400.00 par value were held by them for safekeeping.

GENERAL

Your accounts continue to be well maintained by your Registrar and the Executive Secretary.

We shall be glad to be of service should any further information or explanations be desired in connection with the attached accounts.

Yours faithfully,

SILL, STREUBER, MEGER & FISKE;
Chartered Accountants.

CERTIFICATE

To the Members,
Association of Professional Engineers of the Province of Manitoba.

We have audited the accounts of the Association of Professional Engineers of the Province of Manitoba for the twelve months ended October 31, 1964, and have obtained all the information and explanations we have required.

Bonds totalling \$27,400.00 par value on deposit for safekeeping purposes with the Bank of Montreal, are in accordance with a certificate from the Bank dated November 6, 1964.

Satisfactory vouchers were inspected for all disbursements.

In our opinion the attached Statement of Assets and Liabilities as at October 31, 1964, and Statement of Revenue and Expenditure for the twelve months then ended, are properly drawn up so as to exhibit a true and correct view of the state of the Association's affairs as at October 31, 1964 and the results of its operations for the fiscal year ended that date, according to the best of our information and the explanations given to us, and as shown by the books of the Association.

All transactions of the Association that have come within our notice have been within the objects and powers of the Association, to the best of our information and belief.

SILL, STREUBER, MEGER & FISKE,
Chartered Accountants.

Winnipeg, Manitoba,
November 9, 1964.

EXHIBIT A

COMPARATIVE STATEMENT OF ASSETS AND LIABILITIES

	October 31, 1964	October 31, 1963
ASSETS:		
Cash and Bank Balances	\$ 7,542.16	\$ 7,317.13
Investment Account:		
Bonds, at par (Schedule 1).....	27,400.00	25,400.00
Travel Advance—Refundable from Canadian Council of Engineers.....	216.00	-----
Office Equipment, at nominal value.....	1.00	1.00
Total Assets	<u>\$35,159.16</u>	<u>\$32,718.13</u>
LIABILITIES:		
Deposits on Applications Pending:		
Registrations.....	\$ 513.00	\$ 602.00
Engineers-in-training.....	387.00	745.00
Engineering Pupils.....	20.00	68.00
Members' Accounts Paid in Advance:		
Examination Fees.....	1,120.00	1,035.00
Accounts Payable:		
Sundry.....	325.00	325.00
Total Liabilities	<u>\$ 2,365.00</u>	<u>\$ 2,775.00</u>
Excess of Assets over Liabilities	<u>\$32,794.16</u>	<u>\$29,943.13</u>
SURPLUS:		
Balance at beginning of Year.....	\$29,943.13	\$27,379.85
Excess of Revenue over Expenditure for Year (Exhibit B).....	2,851.03	2,563.28
Balance at end of Year	<u>\$32,794.16</u>	<u>\$29,943.13</u>

EXHIBIT B

COMPARATIVE STATEMENT OF REVENUE AND
EXPENDITURE

Twelve months ended October 31

	1964	1963
REVENUE:		
Annual Dues—Current Period.....	\$19,828.50	\$19,308.00
Licenses.....	275.00	320.00
Registration Fees.....	2,560.00	2,320.00
Examination Fees.....	300.00	200.00
Miscellaneous Income.....	212.00	248.00
Investment Account:		
Interest on Bonds.....	\$1,045.98	1,045.98
Interest on Debenture.....	121.95	-----
Interest on Savings Accounts.....	236.31	155.64
	1,404.24	
	\$24,579.74	\$23,597.62
EXPENDITURE:		
Retiring Honorarium—Dr. C. S. Landon.....	\$ 650.00	\$ 900.00
Honorarium—Registrar, Prof. O. Marantz.....	600.00	1,200.00
Honorarium—Registrar, Mr. T. E. Weber.....	600.00	-----
Honorarium—Substitute Registrar, Dr. C. S. Landon.....		125.00
Salary—Executive Secretary.....	4,725.00	4,680.00
Salary—Temporary Office Help.....	375.00	-----
Pension and Unemployment Insurance.....	387.96	402.96
Office Rent.....	1,111.55	1,105.44
Storage Space.....	10.00	123.50
Printing and Office Supplies.....	3,602.94	3,110.63
Telephone and Light.....	383.92	361.22
Postage.....	1,034.50	748.89
Canadian Council Levy.....	2,699.86	2,414.00
Council and Committee Meeting Expenses.....	335.36	413.95
Annual Meeting (including Bulletin).....	952.84	869.18
Audit Fees.....	285.00	285.00
Legal Fees.....	187.00	67.00
Certificates and Seals.....	941.70	837.00
Publication— “The Manitoba Professional Engineer”.....	1,532.20	1,609.50
Travelling.....	207.47	732.75
Miscellaneous, including Safekeeping Charges, Flowers, Telegrams, etc.....	231.44	359.48
Special Activities:		
Spring and Fall Dances.....	204.69	55.85
Roster Printing Costs.....	20.71	Cr. 66.00
Golf Tournament.....	38.82	16.45
Student Activities, including Graduating Class Dinner, University Scholarships, Slide Rule Awards, etc.....	610.75	682.54
	\$21,728.71	\$21,034.34
Excess of Revenue over Expenditure for Year (Exhibit A).....	\$ 2,851.03	\$ 2,563.28

SCHEDULE ONE

SCHEDULE OF INVESTMENT ACCOUNT

Twelve months ended October 31, 1964

	Par Value	Market Value			
Investments held					
November 1, 1963.....	\$25,400.00	\$24,249.00			
Add:					
Purchase of Province of Manitoba Parity Bonds, 4¾-5½% due June 1, 1974.....	\$ 4,000.00				
	\$29,400.00				
Deduct:					
Sale of Huron & Erie Mortgage Corporation, 5% Debenture due March 1, 1968.....	\$ 2,000.00				
Investments held					
October 31, 1964 (Exhibit A).....	\$27,400.00	\$26,308.25			
INVESTMENT PORTFOLIO					
as at October 31, 1964:					
	%	Maturity	Par Value	Market Value	Interest Income
Government of Canada.....	2¾	1968	\$ 500.00	\$ 470.00	\$ 13.74
Government of Canada.....	4¼	1972	500.00	476.25	21.24
Government of Canada.....	4½	1983	13,200.00	12,177.00	594.00
Province of Manitoba.....	5	1971	1,000.00	1,000.00	50.00
Province of Manitoba.....	4¾	1972	1,200.00	1,200.00	57.00
Province of Manitoba.....	4¾	1974	4,000.00	4,000.00	-----
Province of Manitoba.....	3	1965	3,000.00	2,985.00	90.00
Manitoba Hydro Electric Board....	5½	1982	4,000.00	4,000.00	220.00
			\$27,400.00	\$26,308.25	
Interest Income transferred to General Account.....					\$ 1,045.98

SCHEDULE TWO

SCHEDULE OF CHANGES IN MEMBERS' ROLL

Twelve months ended October 31, 1964

Members on Roll, November 1, 1963.....	1,356
Add:	
Reinstatements.....	15
Registrations.....	125
Transfers—In.....	20
	1,516
Deduct:	
Written off for non-payment of dues, etc.....	43
Members Deceased.....	4
Transfers—Out.....	59
Resignations.....	13
	1,397
Members on Roll, October 31, 1964.....	1,397
Regular Members.....	1,391
Life Members.....	6
	1,397

CONSULTING ENGINEERS COMMITTEE

The Consulting Engineers Committee has been occupied with drafting revisions to the Fee Schedule relating to Consulting Engineering Services provided to Owner-Clients. The recommended draft of the revised Fee Schedule is to be submitted, before the Annual Meeting, to Council for their review and action and it is anticipated that after such review, that it will be adopted and in operation for 1965.

The Committee has not made any recommendations for revision of the existing Fee Schedule for Consulting Engineering Services provided to Architects and it is assumed that this Fee Schedule will be reviewed and revised by the 1965 Committee.

The Members of the Consulting Engineering Committee are: S. Buckler, A. O. Dyregrov, J. L. Greer, R. Hugo, R. E. Scouten, A. A. Laughlin, G. McClure, A. G. Moffatt, M. Mindess; and I wish to acknowledge their contribution to the work of this Committee.

Respectfully submitted,

A. G. MOFFATT, P. Eng.,
Chairman.

♦ ♦ ♦

BOARD OF EXAMINERS

The members of the Board at present are:

S. G. Anderson
C. R. Bouskill
A. J. Carlson
G. C. Davis
E. Dolhun
M. J. Lupton, Secretary
H. A. MacDairmid
A. H. Pask, Chairman

Eight new applications have been reviewed this year, compared with five last year and six the year before.

Thirty-two examination papers were written in April, at the University of Manitoba. There were twenty-one passes and eleven failures. Three candidates passed the last of their examinations and since have been registered.

To organize and arrange for examinations, and to prepare and mark papers, involves a great deal of work, for which thanks must be given to Mrs. Dunklee, Prof. O. Marantz, Department Heads and members of the Faculty of the University.

A continuing study for Board members is the revision of the Syllabus of Examinations. This was originally adopted by all Provincial

Associations in 1959 and is now being revised. This Board, through Council, proposed changes early in the year, as did most of the other Associations. The first draft of the proposed Syllabus has been returned from the Canadian Council and is now under discussion.

The Board wishes to express appreciation of Mrs. Dunklee's continuing care for the details to be followed for applications, examinations, and the work of the Board generally.

Respectfully submitted,

A. H. PASK, P. Eng.,
Chairman.

♦ ♦ ♦

SPORTS COMMITTEE

The Sports Committee activities for the year 1964 were again confined to the presentation of the Spring and Fall Golf Tournaments. Enthusiasm was again high for both tournaments and we would like to thank those members who turned up in spite of the rather difficult weather conditions. The tournaments were run on the same pattern as previously except for one innovation at the Fall tournament. At this tournament the golfers were divided into two categories. All those golfers who had a regular handicap were grouped together and the remainder were scored under the Gallaway System as before. Prizes were awarded to both sections and it was felt that in this manner the lower scoring golfer was put on a more equal basis. This proved to be quite popular at this tournament and it is recommended that this procedure be continued in future tournaments.

A total of 101 golfers participated in the Spring tournament and a total of 73 braved the rain and wind in the Fall tournament. The Sullivan Cup was awarded to Doug Stewart with a low net score of 67½.

We would like to thank all the various companies and firms who donated prizes for these tournaments. The prizes have been of a generally high calibre and I am sure well appreciated by the recipients and their friends.

I would like to take this opportunity to thank the members of my committee, Siggie Goodbrandson, Harold Wilson and Lloyd McGinnis, for their able and willing assistance. I would also like to extend, on behalf of myself and the committee, a hearty vote of thanks to Mrs. Dunklee for her very capable assistance and guidance throughout the year.

Respectfully submitted,

R. J. BYERS, P. Eng.,
Chairman.

DAVID JACK

We regret to record the loss of a member, Mr. David Jack, aged 58 years, who passed away on Monday, August 10, 1964, at Misericordia Hospital. Mr. Jack is survived by his wife, Florence.

Born in Dundee, Scotland, Mr. Jack came to Canada in 1916 with his parents and took up residence in Hamilton, Ontario. In 1930 he received his Bachelor's Degree and in 1932 his Master's Degree from Queen's University. He was employed for 10 years as City Engineer at Kingston, Ontario and then for 18 years as Sanitary Engineer with the Federal Government.

Mr. Jack was a member of both the Association of Professional Engineers Province of Manitoba and Province of Ontario. He was a member of the Professional Institute of the Public Service of Canada, the Western Canada Water and Sewage Conference and the Water Pollution Control Federation.

David Jack will be missed by all who knew him.

ANNUAL REPORT — 1964 MEMBERSHIP COMMITTEE

In accordance with the normal practice of this committee, a meeting was held in February of this year with the 2nd and 3rd year engineering students of the University of Manitoba and Mr. C. Sommerville, P. Eng., was guest speaker. A disappointing student turnout of 17 out of a possible 250 at the meeting indicated a disinterest in the professional aspects of Engineering at this level. Your committee considered that a study should be made of the whole student-Association relationship and it is hoped that this study will be continued by the incoming membership committee.

During the month of April, the committee organized a "smoker" with the intention of encouraging constructive criticism of the operation of the A.P.E.M. and to give members an opportunity to meet the council. The committee wishes to thank all members who attended (approximately 100) for their support and Messrs. Hoogstraten, Bateman, Chant, Moffatt

and McBain for their preparation and participation in the panel. This function was financially self-supporting and it is the opinion of this committee that more activities of this nature should be encouraged. Any suggestions as to format and content should be made to the Association offices.

The membership committee was represented at a special meeting held with members from the Brandon area. As 10 per cent of the membership of the association lives in rural Manitoba, the committee considered that special attention should be paid to the needs of these members and council has taken action to form a Brandon District committee.

The fourth edition of the Association roster was issued during the year. The support of the membership at large in this matter was indicated by the return of 912 questionnaire cards and this made it possible to bring most of the information in the roster up to date. This committee has recommended to council that the roster be published without any advertising and that it be revised regularly every 2 years.

This committee was requested by council to assist in the collection of information pertaining to the possible appointment of a full-time registrar.

Registration figures for the current fiscal year, with those for 1963 in brackets, are:

125	(116)	Members
33	(39)	Engineers in Training
1	(16)	Engineering Pupils

Respectfully submitted,

R. HOOD, P. Eng.
Chairman.

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SOCIAL COMMITTEE

During my term of office as Chairman, your Social Committee has handled the arrangements for the Annual Spring Dance, the Fall Frolic and we are currently assisting in the preparations for the Annual General Meeting. Twelve meetings were held to date to accomplish this.

The Spring Dance was held at the Royal Alexandra Hotel on February 7, 1964. Since the arrangements for 1963 proved so popular they were repeated this year with similar success. Dancing was held in the Crystal Ballroom and the Banquet Room from 9:00 p.m., followed by a buffetstyle supper at 12 midnight in the Colonial Room and the Tea Room. This year there were no complaints received and a few commendations. Your committee presumes that this indicates general satisfaction with the arrangements.

In the absence of any other larger accommodation offering service we propose to continue with these arrangements.

352 people attended this function which resulted in an \$83.00 loss on a \$1,500.00 budget.

The Fall Frolic was held on Friday, October 9th, 1964, at the Royal Alexandra Hotel in the Alexandra Room. This function was also a success for those who attended. It was originally intended to hold this function at the Copacabana; however, this establishment went out of business one month before our reserved date so some late re-arranging had to be done.

The evening commenced at 8:00 p.m. with dancing continuing until 12 midnight when a buffet supper was served. During the evening some awards were presented to deserving members and some light entertainment was provided by your Social and Bulletin Committees. This took the form of a "Shakespearean Festival".

One hundred and eighty people attended, resulting in an approximate loss of \$90.00 on an \$800.00 budget.

The attendance at this function has never been good and has fallen off further in recent years, the reasons for which are not apparent to your Committee. This year the final attendance figure was about the same as last year but many tickets were made available at the function, this was felt necessary by the Com-

mittee in order to avoid a considerable financial loss. This arrangement of late sales makes planning very difficult and is only possible with the excellent co-operation of the Royal Alexandra Hotel. It is recommended that this practice be avoided in the future.

I should like to thank all the members of the committee for their efforts on your behalf: R. S. Crawford, Vice-Chairman A. G. Burrows; L. S. Earp; J. E. Scotten; D. R. Grimes; C. A. Roylance; J. Calverly; R. Zimmerman, and B. Menlove.

All these members join me in thanking Mrs. Dunklee, your Executive Secretary, for her able assistance throughout the year.

Respectfully submitted,

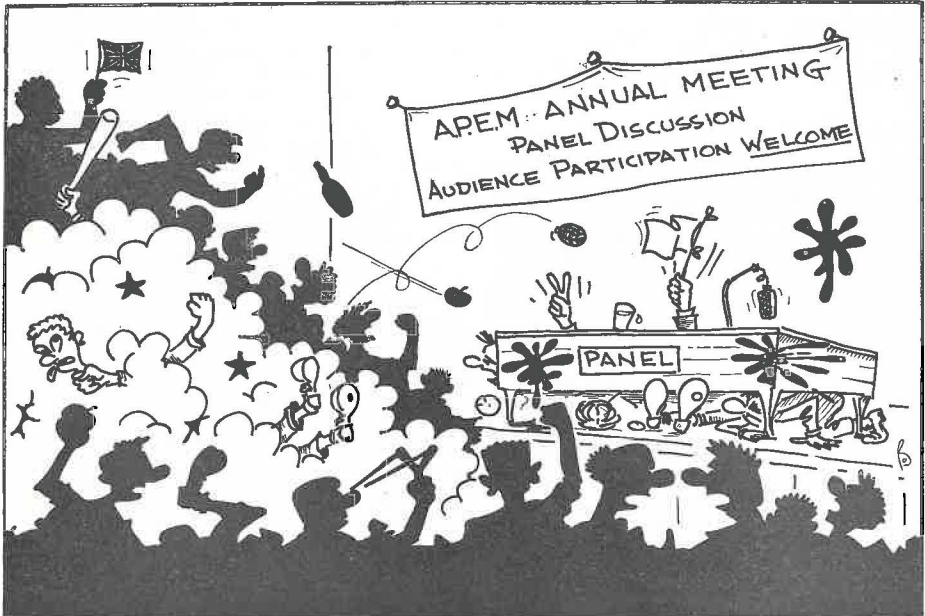
V. W. CHORLEY, P. Eng.,
Chairman.

♦ ♦ ♦

USE OF SEAL

Section 19 of The Engineering Profession Act reads as follows:

Every person registered under this Act shall have a seal, the impression of which shall contain the name of the engineer and the words "Registered Engineer, Province of Manitoba," with which all estimates, specifications, reports, working drawings, plans and other documents issued from his hand shall be sealed.

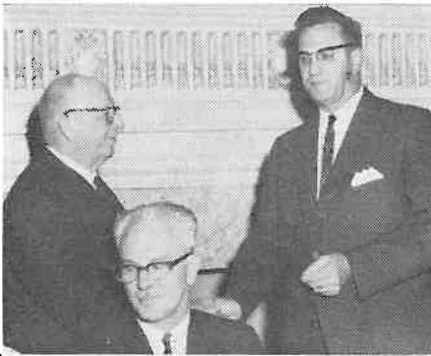


FORMER PRESIDENTS OF THE ASSOCIATION

1920—M. A. Lyons	1942—C.V.Antenbring
1921—M. A. Lyons	1943—H.S.Rimmington
1922—D. A. Ross	1944—H.S.Rimmington
1923—A. A. Young	1945—G. E. Cole
1924—A. J. Taunton	1946—J. W. Battershill
1925—C. H. Fox	1947—B. A. Johnston
1926—D. L. McLean	1948—B. A. Johnston
1927—Wm. Aldridge	1949—T. E. Storey
1928—W. G. Chace	1950—W. D. Hurst
1929—C. H. Attwood	1951—W. D. Hurst
1930—C. H. Attwood	1952—C. L. Fisher
1931—R.W.McKinnon	1953—J. L. Charles
1932—J. W. Sanger	1954—G. B. Williams
1933—J. W. Sanger	1955—J. Hoogstraten
1934—H. M. White	1956—J. Hoogstraten
1935—J. N. Finlayson	1957—N. S. Bubbis
1936—A. L. Cavanagh	1958—L. A. Bateman
1937—E. V. Caton	1959—W. L. Wardrop
1938—P.Burke-Gaffney	1960—W. L. Wardrop
1939—W. Youngman	1961—C. S. Landon
1940—F. S. Adamson	1962—R. E. Chant
1941—G. E. Cole	1963—T. E. Weber



Life Membership



C. S. Landon, P. Eng., receiving Life Membership in the Western Canada Water and Sewage Conference (seated H. Hooge of Edmonton, incoming president; standing, D. Graham of Saskatoon, Past President).

Retirement



W. F. RIDDELL, P. Eng.

Professor W. F. Riddell, Chairman of the Department of Civil Engineering, and Acting Dean of the Faculty of Engineering at the University of Manitoba, retired on August 31st, 1964.

Born in Smith Falls, Ontario, his family moved to Manitoba in 1899 where his father developed a contracting business in Dauphin. In 1916 he joined the 196th Western Universities Battalion of the Canadian Militia, later transferring to the 46th Saskatchewan regiment. He served in France until receiving his honourable discharge in 1918. During his service he was both gassed and wounded. Returning to Canada, he became an engineering student at the University of Manitoba in 1919, winning the Joseph Doupe Gold Medal for highest aggregate mark in the third and fourth years of study. Obtaining his B.Sc. (C.E.) degree in 1924, he won the University Gold Medal for highest standing in his senior year. A University of Manitoba M.Sc. degree was conferred on him in 1931.

Joining the Civil Engineering Staff of the University of Manitoba as a demonstrator in 1924, he was appointed Assistant Professor in 1928. He has had a long and distinguished career at the University. An officer of the University C.O.T.C. from 1921, he resigned from this Corps having been Officer Commanding

from 1939 to 1941 with the rank of A/Lt. Colonel. From May, 1941, to September, 1942, he was stationed at Camp Shilo as Camp Engineer Officer with the rank of Captain of the Royal Canadian Engineers. A member of both the Association of Professional Engineers of Manitoba and the Engineering Institute of Canada, he took an active part in the affairs of each of these bodies.

An understanding friend and a fine gentleman, all of his friends, associates and former students, wish him well in his retirement.



BEATNIK GOOSE AT FALL FROLIC

The Social Committee went to a lot of work to put on a dance for the 90 couples who turned out to the Annual Fall Frolic, held this year at the Royal Alexandra Hotel. On the Wednesday before the dance, the day the Committee must commit to the hotel on food quantities, twenty-one tickets had been sold. Reasons for not attending this function ranged all the way from "The notice was sent out too early," to "The notice was sent out too late."

At the dance the orchestra was good, the food was excellent and the entertainment provided by the Bulletin Committee was well

received by the audience and they justly deserved to win the prize for the best skit. The wardrobe mistress for the Social Committee performed well but the sound system faltered and most of the dialogue was lost in limbo. What was quite evident, however, was that although they performed Hamlet's death scene in modern version and almost all the cast died, none of them was suffering any pain. However, medical bulletins issued next morning indicated that Dieflet Grimes was suffering some sort of delayed action from the stab wounds.

In any event, this impartial critic suggests that the Social Committee rectify its sound system, speed up the pace of its efforts and lower the modelling fees before it issues any more challenges. Lou Earp made a fine Lesage and Jim Scotten was flying high as Pearson's Pennant. Fidel Burrows emceed through considerable foliage. Ted Speers, suitably garbed, made a very excellent narrator of the Bulletin Committee entry.

It is said that behind every good man is a woman and the members of Council certainly chose some fine specimens. These lovely ladies acted as judges of the festival.

The presentation of awards this year was complicated by a problem with which the Social Committee had little experience. It had been intended to present a live goose to Bill Lynn, who was receiving the Status Award





on behalf of his boss, Ray Williams. The goose was brought to the dance in a box and immediately began to hemorrhage. The Social Committee held an emergency meeting. They

couldn't apply a tourniquet because they couldn't discover the source. And there wasn't a doctor in the house. Members of Council who were present were of little assistance in

this crisis. So rather than present Bill Lynn with a goose that had bled to death, a cab was called and the goose was rushed back to its original owner in Charleswood. We are now awaiting comments from the auditors when they come upon the item: "Cab for bloody goose, \$3.70."

Mrs. Chorley learned what the wives of earlier Social Chairmen discovered before her — what it is like to go to a dance alone. The Chairman is always too busy with arrangements with the orchestra, bar, entertainment and sick geese to spend much time with his wife. Vic did deserve the award as the best actor of the evening for his performance as the Canadian engineer who submitted the prize-winning flag design. We understand that it is now one of the designs being considered by Ottawa.

George Russell made a very witty impromptu 3-hour acceptance speech of the leotards which he received as his Culture Award. His only complaint was that the leotards were empty.

Those who didn't attend the dance will make their own little contribution when they help write off the deficit.

Thanks to Social Committee members Chorley, Grimes, Earp, Burrows, Scotten, Crawford, Roylance, Alexander, Zimmerman, Caverly and Menlove, and to Bulletin Committee members McBain, Whitfield, Stokes, McKibbin, Speers and Schilling.

Jeff Caverly learned something from the function. The next time Jim Scotten tries to pass the buck to him and get Jeff to take a live prize to the dance on the back seat of his car, Jeff is going to insist on a saliva test before he embarks on such a venture. Seat covers are expensive.

A late medical bulletin just received indicates a completely erroneous diagnosis of the problem on the part of the Social Committee. The goose had simply been eating beets. Now what do we tell the auditors? . . . S.J.A.



Being challenged to put on a play in an anniversary Shakespearean Festival is one thing but to win is a triumph well appreciated by the participating Bulletin Committee members. To be clapped to a curtain call and the call for "Encore" and "Author" by that most appreciative capacity audience really crown the months of anguished preparation.

In presenting "The Seven Ages of Man" in ten minutes with principals Brian Whitfield and Clyde McBain taking the odd and

even scenes respectively, with Brian, for instance, going from diapered infant mewling and puking in his nurse's arms through lover, judge, and senility in 30 second scenes, with Ted McKibbin and Bob Stokes ably and attractively playing supporting roles as nurses, waitresses, bathing beauties, and "friends of man", meant a fantastic total of fifteen player costume changes. In their spare time between scenes, they astutely assisted the narrator in rearranging the set for the next act.

The attractive backdrops for each scene were beautifully executed by the eminent Mr. Ed Dolhun and highlighted the latest Playboy pretties in the "street" scenes, and exotic blooms in the natural settings. The backdrop for the soldier scene, having a Colonel Bogey — River Kwai aura, was a skilfully designed and effective bridge structure of montage and patchwork.

Mr Rudy Schilling looked after props and lighting. Messrs. Al Bell and Bob Kirk gave of their grease paint and moral support.

Mr. George Tough is a sound man who skilfully blended the Purcell introductions, the staccato burp, the Bulletin Committee Glee Club, and liquid refreshment to ensure the success of the presentation.

All the fun and action was not on stage on the big night, however. Bob Stokes' children thought Hallowe'en had come early when they glimpsed the dress rehearsal. And finally, after viewing Brian Whitfield's sterling performance, his girl friend, Edith Anderson, couldn't hold out any longer and said "yes", and they were married on November 2nd. (You have an excellent player there, Edith, and our best wishes go out to you both).

The narrator/director was/is the author of this unbiased glowing report.

MOVING?

PLEASE let us have your change of address.

Please fill this out and mail it to the Association office, 418 — 265 Portage Avenue, Winnipeg 2.

Name.....

Old Address.....

New Address.....

Proposed

PURPOSE OF THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF MANITOBA

AS SUBMITTED TO COUNCIL

NOTE—This is as proposed by the P.R. Committee only and has not as yet been considered or adopted by Council.

1. Administer the Engineering Profession Act.
2. Service to Members
 - (i) Educate Members of the Association in the meaning and significance of the Engineering Profession Act and the Code of Ethics.
 - (ii) Encourage the professional development of members by way of meetings, Association publications, technical and/or business courses.
 - (iii) Encourage a sense of fellowship among Members by all possible means such as social events, formation of an Engineers' Club, sports days, etc.
 - (iv) Make available the rules and regulations governing the Engineering Profession to employers of Engineers.
 - (v) Conduct periodic salary surveys.
 - (vi) Provide an employment service. (This should be handled on a continuing and strictly confidential basis by a small committee or a permanent full time Registrar).
 - (vii) Build a reference library which would serve the technical and non-technical needs of the Members. (This library should, as well as books, contain publications issued by other engineering societies. It is felt that a reproducing service is an essential part of a reference library).
3. Service of the Profession
 - (i) Maintain a close liaison between the Engineering Profession and the Universities or other facilities for training engineers to assure continued high academic standards.
 - (ii) Conduct periodic reviews of the Engineering Profession Act.
 - (iii) Make known the benefits of Professional Engineering service in
 - (a) Using engineers for engineering and not technician type positions
 - (b) Using engineers and not technicians to provide engineering services.
 - (iv) Establish and maintain a favourable public image of the Engineering Profession.
 - (v) Encourage the establishment, enforcement, and periodic review of the Schedule of Manitoba Fees.
 - (vi) Encourage registration in the Association of all qualified engineers.
 - (vii) Establish close liaison with other Provincial Associations.
 - (viii) Develop and express opinions on behalf of the Profession on matters of engineering interest or on matters which affect engineers or their profession.
4. Service to the Public
 - (i) Protect the public by careful administration of the Engineering Profession Act.
 - (ii) Encourage members to actively participate in community affairs.
 - (iii) Provide information to the Public on items of an engineering nature of concern to them.
 - (iv) Support community development programmes including such things as the performing arts, redevelopment schemes, etc.

Draft Budget for Discussion

This Draft Budget is prepared for discussion only, so that the incoming Council may be guided by your wishes.

REVENUE	Actual 1964	Suggested 1965
Annual Dues	\$19,828.50	\$32,500.00
Licences	275.00	400.00
Registration Fees	2,560.00	2,100.00
Examination Fees and Misc. Income	512.00	500.00
Investment Income	1,404.24	1,400.00
	<u>\$24,579.74</u>	<u>\$36,900.00</u>
EXPENDITURE		
Salaries, Pensions, etc.	\$ 7,337.96	\$15,910.00
Office Rent (incl. storage space)	1,121.55	1,900.00
Printing and Office Supplies	3,602.94	4,200.00
Telephone and Light	383.92	500.00
Postage	1,034.50	1,300.00
Canadian Council Levy	2,699.86	2,700.00
Council and Committee Meeting expenses	335.36	500.00
Annual Meeting, including Bulletin	952.84	1,000.00
Audit Fees	285.00	300.00
Legal Fees	187.00	300.00
Certificates and Seals	941.70	700.00
Publication	1,532.20	1,800.00
Public Relations (incl. high school booklet)		750.00
Travel	207.47	1,500.00
Miscellaneous and Special Activities	474.95	900.00
Student Scholarships, etc.	610.75	800.00
Engineering Technicians		900.00
Roster	20.71	900.00
	<u>\$21,728.71</u>	<u>\$36,860.00</u>
Excess of Revenue over Expenditure for 1964	2,851.03	
Excess of Revenue over Expenditure for 1965	40.00	

REPORT OF ADVISORY COMMITTEE

This is presenting a progress report from your Advisory Committee.

This Committee received two assignments in 1964:

1. To study and recommend to Council:

- (a) the composition of and references for the Nominating Committee and Scrutineers.
- (b) the number of persons to be nominated to Council in relation to the number of vacancies and to consider branches of engineering, fields of employment and area representation.

2. To study the "Public Buildings Act" and

report to Council whether changes would be desirable in the interests of the Association, and if so to develop recommendations for Council's consideration.

We have made some progress:

- (a) received reference regulations from Ontario, Saskatchewan and British Columbia Professional Engineers and from the Manitoba Association of Architects to study.
- (b) identified that a statistical count of Manitoba Professional Engineers under various headings would be needed: for example branches of engineering, fields of employment and location of employment.

COMMENT: A simple result is not evident

from this as engineers trained in one branch of engineering may be presently employed in various fields of engineering or in other fields such as university or M.I.T. teachers, sales, management not directly in charge of engineering, etc., and area representation may need different ground rules again.

- (c) Believe that a full time Registrar and budget considerations may have a bearing on these matters particularly the degree of provincial area participation.

COMMENT: The results of the permanent Registrar activity and the associated readiness for change which these results might suggest the general membership would be ready for, were followed closely.

The Committee is grateful that Council has not pressed for a quick report because the many ramifications require deliberate judgment with time for second thoughts as required.

We wish the general membership to be aware that Council did make a prompt assignment of this matter to our Committee after the discussion at the 1963 annual meeting and that the delay in not having a more defined result for your consideration at this time is largely ours.

We ask your forbearance in this matter and more positively would appreciate any positive recommendations regarding proposed Council make-up from any interested professional engineer or group be forwarded to the Secretary, attention of the Advisory Committee.

In the matter of review of the "Public Buildings Act" we were advised at the time of assignment that the Government had no immediate plans for reviewing this Act. We have therefore not yet acted on this assignment.

Respectfully submitted,

J. D. ADAM, P. Eng., Chairman,
Advisory Committee.

Article 27 of The Engineering Profession Act reads as follows:

SUSPENSION AND EXPULSION

Disciplinary Powers of Council

27. (1) The Council may, subject to the by-laws, reprimand, censure or suspend or expel from the Association any member guilty of unprofessional conduct, negligence, or misconduct in the execution of the duties of his office, or convicted of a criminal offence by any court of competent jurisdiction, but shall not take any such action until a complaint under oath has been filed with the registrar and a copy thereof forwarded to the member accused. The Council shall not suspend or expel a member without having previously summoned him to appear to be heard in his defence, nor without having heard evidence under oath offered in support of the complaint and on behalf of the member, if any. The Council shall have the same powers of taking evidence compelling the attendance of witnesses, the production of books, papers and documents and the punishing for contempt or the failure to comply with the orders of the Council as a commissioner appointed to hold a public enquiry has under "The Manitoba Evidence Act." All evidence shall be given under oath and taken down in writing by the registrar or by a reporter duly sworn.

Appeal

(2) Any member so suspended or expelled may, within thirty days after the date of the order of resolution of suspension or expulsion, appeal to a judge of the Court of Queen's Bench from such order or resolution, giving seven days' notice of appeal to the Council, and may require the evidence taken to be filed with the proper officer of the court, whereupon such judge shall decide the matter of appeal upon the evidence so filed and confirm or set aside the suspension or expulsion, without any further right of appeal; and, if the suspension or expulsion be confirmed, the cost of the appeal shall be borne by the member suspended or expelled.

Prohibited from Practice

(3) Unless the order or resolution of suspension or expulsion is set aside on the appeal or the judge or the Council otherwise orders, the member so expelled shall not engage in the practice of professional engineering in Manitoba or the member so suspended shall not practice until expiry of the period of suspension.

No Practice Pending Appeal

(4) Pending an appeal the member so suspended or expelled shall not practise. S.M. 1935, c. 13, s. 27 am.