



The Manitoba Professional Engineer

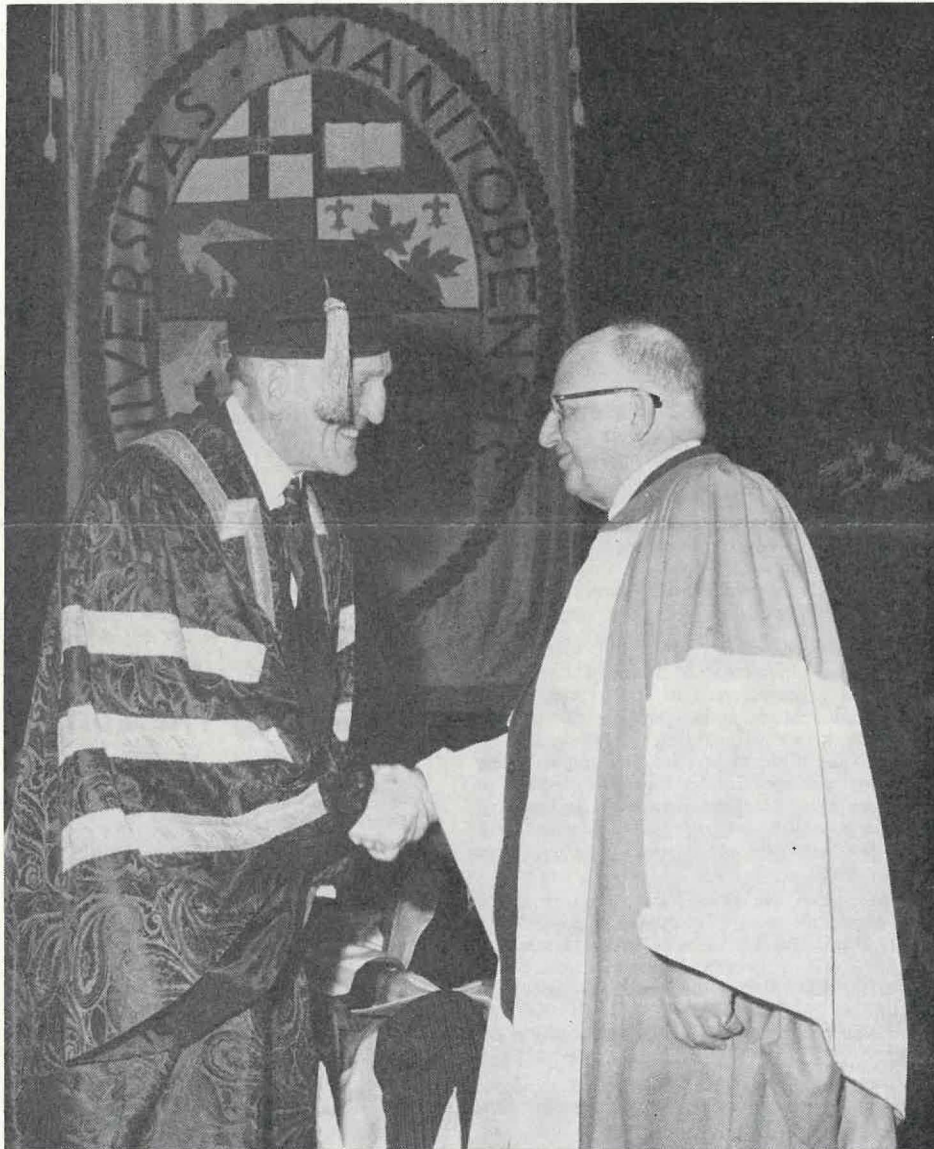
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VOL. 1

WINNIPEG, MANITOBA, JULY, 1957

No. 5

C. S. Landon, P. Eng. Receives Honorary Degree



It was a proud day in the history of this Association when the University of Manitoba conferred the degree of Doctor of Laws, *honoris causa*, on Charles Sidney Clapp Landon, P. Eng., at the convocation services held on May 22, 1957. The honour is a well-deserved one, for there is no one who has done more for the engineering fraternity in Manitoba with no thought of personal gain.

Dr. Landon was born at Wellington, Prince Edward County, in Ontario. He attended grade school, collegiate and Wesley College in Winnipeg. In 1907 he registered as an undergraduate in the first class of engineering at the University of Manitoba. He was the first

President of the University of Manitoba Students Union and the first President of The Engineering Society of the University of Manitoba.

Prior to serving overseas with the 12th Battalion Canadian Railway Troop, Dr. Landon was superintendent of street paving for the City of Winnipeg and Special Engineering Assistant to the Chief Engineer, Greater Winnipeg Water District.

Following the war he served with the Highways Branch of the Provincial Government, and later with the Dominion Government. Now that he is "retired," he is a member of the Board of Directors of the Manitoba Good Roads Association, Commissioner of the Great-

er Winnipeg Sanitary District and Commissioner of the Greater Winnipeg Water District. He is Secretary of the Winnipeg Branch of The Engineering Institute of Canada, Winnipeg Branch. He is Secretary, Registrar and member of Council of the Association of Professional Engineers of the Province of Manitoba, all of which positions he has held since 1934. His length of service on Council is unequalled in the history of this Association and is doubtless unparalleled in any other Canadian Association. He can be found behind his desk in the Association office every day but Sunday.

Dr. Landon has accepted this honour which has been bestowed on him with the modesty that is inherent in his nature. He feels that the honour has been paid to the engineering professional rather than to him as an individual. This is typical of the unselfishness of his character. However, those who know Dr. Landon, know that the honour was well merited. Dr. Landon is an engineer and a gentleman of whom this Association has long been proud, and it has brought a sense of gratification to his many friends and fellow engineers that he should have been so honoured by the University of Manitoba. It was also extremely fitting that Dean Macdonald, who is a personal friend of Dr. Landon, should have presented him to the Chancellor. The staff of this newspaper joins with the many others in congratulating Dr. Landon on this well-earned honour and in wishing him many more years during which he may enjoy it and continue to guide the affairs of this Association.

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CONGRATULATIONS

To Mr. and Mrs. E. V. Malmgren on the birth of a son, Edward Gordon.

To Mr. and Mrs. C. T. Kummen on the birth of a daughter, Madelón Barbara.

To Mr. and Mrs. K. C. Macaw on the birth of a daughter, Sidney Quest.

To Mr. and Mrs. Gordon B. Wiswell on the birth of a son, James Douglas.

To Mr. and Mrs. H. P. Brunger, on the birth of a daughter, Juliana Sylvia.

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COUNCIL APPOINTMENT

J. A. Ogden has been appointed to Council to fill the vacancy caused by the resignation of J. Hoogstraten.

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SOCIAL COMMITTEE

The Social Committee has been appointed as follows: K. Hallson (Chairman); M. A. Gange; E. F. MacKenzie; G.W.O. Newman; N. Diakiw; R. W. McKnight.

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Copies of the 1956 Survey of Salaries Earned by Professional Engineers in Ontario are available at the Association office at a cost of 25c each.

Published by the Association of Professional Engineers of the Province of Manitoba

418 — 265 Portage Avenue, Winnipeg 2, Manitoba

President — N. S. BUBBIS, P. Eng.

Vice-President — L. A. BATEMAN, P. Eng.

Secretary-Treasurer and Registrar — C. S. LANDON, P. Eng.

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

Editor — G. T. CHRISTIE, P. Eng.

Managing Editor — W. H. DICKINS, P. Eng.

Associate Editors — E. M. SCOTT, P. Eng.; C. R. YOUNG, P. Eng.

A Message from the President

The second quarter of the year was indeed a busy one for your council, who found it necessary to hold five meetings during the period.

Reports were received from all committees and very thoroughly discussed. Two reports in particular, from the "Plan for Unity Committee" and from the "Engineering Technicians Committee" were reviewed, referred back to the committees and the reports again considered and approved for presentation to Dominion Council. The Board of Examiners report for the revision of the joint syllabus was also discussed and accepted.

As you know, Council decided to present a brief to the Royal Commission on Flood Cost Benefit. A committee was appointed who, together with members of Council, prepared this brief, copies of which were sent to all members. This presentation was very well received and had two beneficial results. It rendered excellent public service to the community as a whole and to the Commission in particular and also achieved some excellent public relations for the Association.

The 20th meeting of Dominion Council again proved to be a very intense business meeting at which some 50 items of business were discussed. Your Association was honored by having your President elected Executive Member and thus one of the officers of the 1957-58 Dominion Council. Following this I was asked to represent the Dominion Council at the Annual Meeting of the National Society of Professional Engineers of the United States, which proved to be a most interesting and worthwhile meeting.

Council feels that with the expansion of industry throughout the Province, there is a need for closer contact with the members residing in other parts of the Province. Consideration is therefore being given to members of Council visiting some of the outlying centres such as The Pas, Flin Flon, Swan River, Neepawa, etc., possibly the latter part of August.

Your President, Vice-President and Registrar met informally with Premier Campbell to discuss problems of mutual interest associated with our profession.

I regret to say that our membership has not been increasing as rapidly as we had hoped. This, together with an increased demand for more service, means that we will, in all probability, operate this year at a deficit and that dues will have to be increased to avoid curtailment of association activities. Council will be giving this matter very thorough study before the next annual meeting. In the meantime, each individual member can assist by making sure that all qualified professional engineers are made aware of the desirability of becoming registered.

PRESIDENT BUBBIS ELECTED DOMINION COUNCIL OFFICER

At the 20th Annual Meeting of Dominion Council held May 22nd to 24th in Halifax, N.S., our President, N. S. Bubbis was elected Executive Member, one of the officers of Dominion Council for 1957-58. This is a tribute to

both our Manitoba Association and to Nat himself.

Following the annual meeting, he was asked to represent Dominion Council at the 23rd Annual Meeting of the National Society of Professional Engineers in Dallas, Texas June 7th to 9th. We understand that this was an outstanding meeting with over 1,000 engineers from the United States, Cuba, Porto Rico, Great Britain and Canada attending. Our good friend Tom Medland, Executive Director of the Ontario Association participated in one of the panel discussions and his presentation "Solving the Problems of Young Engineers through a Professional Approach," based on Canadian experience, was very well received.

Report on Dominion Council Meeting

By N. S. BUBBIS, P. Eng.

The 20th annual meeting of the Dominion Council of Professional Engineers in Canada was held in Halifax, N.S. May 22nd to 24th and proved to be a very busy and fruitful meeting. In attendance were the official representatives of all eleven Associations of Professional Engineers in Canada, observers from these bodies, as well as from the Engineering Institute of Canada, the Chemical Institute of Canada, Canadian Institute of Mining & Metallurgy, the Civil Service Commission of Canada, National Society of Professional Engineers and the National Council of State Boards of Engineering Examiners.

Altogether nearly 50 items were considered and thoroughly discussed. Many of these subjects had to be referred to special committees for detailed study and report and these sub-committees met at breakfast, during lunch and far into the night to prepare their reports. The meeting was therefore a business meeting in the true sense of the word and it is somewhat unfortunate that so little time was available to enjoy the very warm hospitality of our Nova Scotia hosts.

Space does not permit me to cover all of the important matters discussed, even in summary form, and I will have to confine myself to just a few of the most important items. However, the Canadian Professional Engineer will again be published shortly and all members will receive a copy which will review the meeting.

The proposed plan for unity was uppermost in everyone's mind and considerable time was devoted to the consideration of the minimum requirements for confederation submitted by the various associations. A hard working sub-committee, after much heart searching, argument and sweat, evolved a resolution which was finally acceptable to all the delegates present. While this unfortunately contained considerably more than the two basic requirements submitted by your council and while it will also probably not appear to be too favorable to the Engineering Institute of Canada, it does re-affirm Dominion Council's desire for and urges the necessity of hastening the achievement of unity and even more important, it sets out clearly Council's views and thus provides a realistic framework for immediate negotiations with the Engineering Institute of Canada. In line with this, Dominion Council's Committee on Confederation was also re-constituted and enlarged and it was hoped that

since most of the members of this committee would be attending the meeting of the E.I.C. at Banff that it would be possible for them to have some discussions at that time.

The salary schedule resulting from the annual salary survey made by Dominion Council, assisted by information obtained from industrial surveys made by several of the associations, has been receiving greater acceptance and recognition each year by both government and industry. Consequently, greater consideration and study is required before accepting the final salary schedule. This year additional consultation was required before the final schedule could be adopted. It is expected that this will be printed and available shortly.

Several other resolutions are indicative of the increasing activity of Dominion Council. One recommends the establishment of a permanent office in Ottawa and the engaging of a full time secretary, another recommends an amendment to the constitution to provide for an increase in the per capita assessment and another calls for a review of the entire constitution.

When one considers the fact that each of the 10 associations in the Corporation is completely autonomous and that Dominion Council has no inherent power of its own to act, it never ceases to amaze me to see how much has been achieved. To illustrate by mentioning just a few of the items, the uniform syllabus of examinations, the annual salary survey and schedule of salaries already referred to and which is endorsed by all of the associations and the great progress that has been made towards the realization of uniformity in registration requirements and the simplifying of the procedure and establishment of reciprocity in transfers and licenses.

Attending the Dominion Council meeting is indeed a stimulating and inspiring experience. In addition to the concrete results enumerated above, better understanding and discussion of mutual problems and the pooling of ideas has contributed considerably to the progress that has been made in enhancing the status and prominence of the engineering profession in Canada.

LETTERS TO THE EDITOR

Dear Sir:

Recent press announcements concerning the efforts of the Winnipeg Junior Chamber of Commerce towards the establishment of evening courses at the University of Manitoba have pointed up the widespread interest which exists on this subject. I believe that a course in Business Administration similar to that offered by the University of Toronto would have wide appeal among members of the Association. I have discussed this matter with several fellow engineers, and have found the majority to be interested in a course of this nature.

Briefly, the Toronto course consists of eleven subjects covering such topics as Economics, Accounting, Corporation Finance, Production, Personnel Relations, etc., and leads to the degree of Master of Commerce. The studies may be spread over a period of years and generally take 4 or 5 years to complete.

I have a syllabus of the above course in my possession and would be glad to furnish more information on the subject to anyone interested.

M. DIMENTBERG, P. Eng.,
Bristol Aircraft
(Western) Limited.

*** TRANSFERS

The following have been admitted to membership by transfer:

Samuel Harcus, Sask. W. C. Phillips, Sask.
D. G. McCrae, Que. A. C. Warrender, Ont.
D. L. Mackinnon, Que. K. T. Dick, Alta.

J. R. Shaw (Ontario)
J. W. Gunn (Quebec)



HECTOR HARDPAN, P. ENG., ON VACATION

J. B. Striowski, P. Eng.

NEW COUNCIL MEMBER

By W. A. CORBETT, P. Eng.

Born in Winnipeg in 1907, Mr. Striowski graduated in 1929 from the University of Manitoba with a degree in Civil Engineering. He twice returned to take post graduate studies in Advanced Theory of Structures (1929-30) and Advanced Hydraulics (1933-34). In 1927 he completed the Provinces Preliminary Land Surveys examination.

As an undergraduate, Mr. Striowski worked for the C.N.R. during the summer months on surveys and construction. The positions he held after graduating included that of demonstrator in Civil Engineering at the University of Manitoba (1929-30); designer with Northwestern Power Co. Ltd. on Seven Sisters Hydro Electric Power Development on Winnipeg River (1929-31); supervisor on Trans-Canada Highway Construction in Ontario east of Kenora, (1931-32); designer with the City of Winnipeg for Structural and Hydraulics projects (1935-37); designer and supervisor of water treatment plant at Portage la Prairie, (1937-38); reinforced concrete designer with Cowin & Company, (1938-39); Assistant Engineer on Structural and Hydraulic work for St. Lawrence Seaway Project (1939-44).

From 1944 to the present date Mr. Striowski has held the position of Engineer of Design for the City of Winnipeg. The Mid-Town

Bridge and the now famous, slightly mythical, Disraeli Bridge and Expressway were conceived on his draughting boards. Mr. Striowski has taken an active part in negotiations with the City Administrative heads on behalf of the City Engineers.

Mr. Striowski is a member of the Engineering Institute of Canada, Association of Professional Engineers of Manitoba, Canadian Standards Association, American Concrete Institute. He is past chairman of the Civil Section E.I.C., Winnipeg branch.

In the past, Mr. Striowski has engaged in such strenuous sports as tennis, skiing, swimming and was a senior leader with the Y.M.C.A. for a number of years. However, we have learned that interest in these sports is waning. Of late he may be found lofting a mean fishing rod at his summer camp at Lac Lu where he spends most weekends with his wife and two children.

A wish for Mr. Striowski. May we cross all the bridges he designs.

WINNIPEG

J. F. Boux, P. Eng., has been elected President of the St. Boniface Kiwanis Club.

G. H. Charlewood, P. Eng., is leaving his position as Chief Geologist for the Manitoba

Department of Mines and Natural Resources to join the firm of Heath and Sherwood Drilling Limited at Kirkland Lake, Ontario. Dr. Charlewood graduated with an Honours B.Sc. in Geology from the University of Manitoba and obtained his M.A. and Ph.D. degrees from the University of Toronto. During World War II he served with the Royal Canadian Engineers and saw service in the Far East. He has been Chief Geologist for the Department of Mines and Natural Resources since 1951. Both Dr. and Mrs. Charlewood will be missed by their many friends and associates in Manitoba. We extend to them our best wishes in their future endeavours.

J. Hoogstraten, P. Eng., with Mrs. Hoogstraten and their two children, Joanne and John, left by motor on May 23rd for Halifax, N.S., where Mr. Hoogstraten will take up his duties as President of Nova Scotia Technical College.

W. A. Dexter, P. Eng., has been transferred to Calgary where he has taken up his duties as Contract Manager with Haddin, Davis & Brown Limited. Mr. Dexter will be sorely missed by this Association. He took a keen interest in the affairs of the Association and was a tireless committee worker. Latterly he was associated with this publication as a reporter. We wish him every success in this new phase of his career.

Hugh R. Skinner, P. Eng., has been appointed Heating Equipment Sales Engineer of The Winnipeg Supply and Fuel Co. Limited. Mr. Skinner graduated in Mechanical Engineering from the University of Saskatchewan in 1949 and has spent the past 6 years in the mechanical contracting field. He is a member of the American Society of Heating and Air Conditioning Engineers.

G. A. Tough, P. Eng., our genial photographer, has been named Match Handicap Chairman of the Golf Section of the Winnipeg Canoe Club.

American Fabricators Ltd. have announced the opening of a new sales office to serve the Provinces of Manitoba and Saskatchewan. Roy G. Nizalik, P. Eng. has been appointed manager for this area.

BRANDON

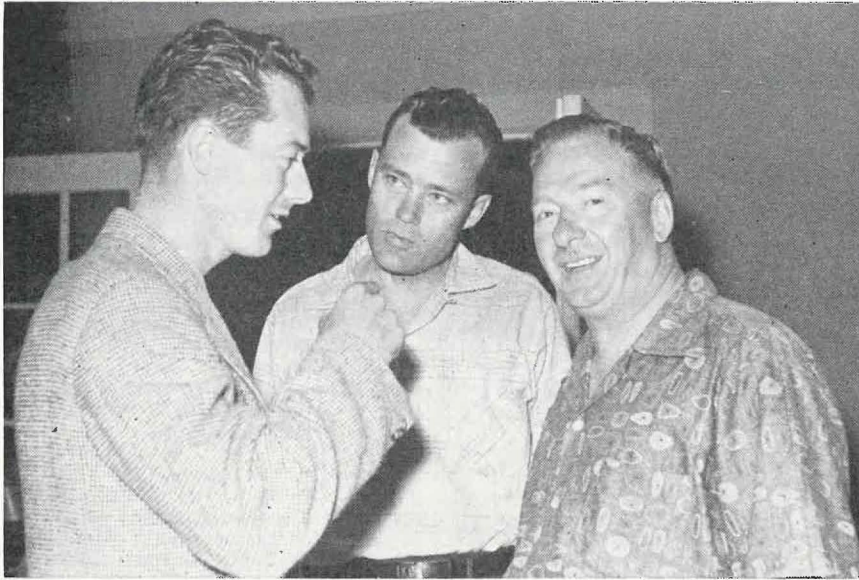
A. B. Cockshott, P. Eng., Brandon Manager of Welders Supplies Limited, has announced the opening of a new store and warehouse at 1000 18th St.

Arthur B. Cockshott, P. Eng., has moved from Montreal to become Manager of the Brandon branch of Welders Supplies Limited. Mr. Cockshott, who obtained his degree in chemical engineering from McGill University in 1950, was previously associated with Armstrong Cork Company of Canada Limited.

Following the acquisition by Pioneer Electric Ltd., of the controlling interest in C. T. Electrical Controls Ltd., a new company, Pioneer Controls Ltd. has been formed to carry on the marketing, applications engineering and servicing of all products previously distributed under the name C. T. Electrical Controls Ltd. W. K. Roots, P. Eng., is the Managing Director of the new Company.

TRANSFERS TO OTHER ASSOCIATIONS

- W. L. Montgomery (Ontario)
- Paul Prince (Quebec)
- G. H. Dash (Saskatchewan)
- W. J. Patton (Alberta)
- A. F. Knight (Ontario)
- R. W. Morris (Ontario)
- M. J. Warren (Ontario)
- G. H. Charlewood (Ontario)
- J. S. Edwards (Quebec)



Ed Welter (left) is shown explaining some of the fine points of the game to Bill Lynn (centre) and Ray Williams

WET GOLF TOURNAMENT

By G. C. CARTWRIGHT, P. Eng.

About 35 people, including Association members and their guests, turned up for the 1957 Spring Golf Tournament. The event was marred somewhat by rain which started about 4 o'clock in the afternoon. No foursome finished the full 18 holes and some only completed 6 holes.

Joe Sill, able chairman of the Golf Committee, was unable to declare a grand champion and instead presented prizes for low and high holes. The low prizes went invariably to

people who kept score and of course the high prizes went to their worthy opponents. Charlie Kelpin was high on the first hole; Boyd Clark was low on the third hole; George Tough was high on the third hole; G. MacLean was low on the fourth hole; Stan Butcher was high on the sixth hole.

Although rain marred the full 18 holes of golf, it certainly did not mar the 19th hole which took up 2½ hours to play, dinner not being served until 7:30. A good time was had by all and we hope no one got stuck in the mud on the way home.

PINE FALLS REPORTS

By A. R. TOWLER, P. Eng.

D. D. Munro, P. Eng., Resident Engineer with the Manitoba Paper Co. at Pine Falls, has recently added a new member to his family, becoming the father of a 9 lb. 10 oz. boy, Clark Robert. This brings Don's family total to 5, 2 boys and 3 girls.

Roy Towler, P. Eng., who is with the Manitoba Paper Co. at Pine Falls, will be a member of this year's Canadian Rifle Team at Bisley.

EDITOR'S NOTE: Reporter Towler has tempered his reporting with considerable modesty. To be a member of the Canadian Rifle Team at Bisley is indeed an achievement and this Association is certainly more than proud of the fact that one of its members will be at Bisley this year. We extend to Roy Towler our heartiest congratulations and every good wish in his future endeavours on the rifle range.

FLIN FLON

By M. N. COLLISON, P. ENG.

The disease particularly peculiar to the town of Flin Flon has spent itself and now leaves only its marks... depleted pocket-books, silver cups and engraved nameplates.

Hockey, the Memorial Cup final especially, is over, thank goodness. Even though Regina is over one thousand miles round-trip from Flin Flon, it was still worth driving to see one of the games there. One of the fans who came from Flin Flon was R. G. Crosby, P. Eng. Mr. Crosby flew down with several friends in his own plane and took in the first part of the series. The best part of the series, of course, was the final game.

As a result of the hockey series this month's

news is brief. Mrs. Collison, who usually keeps this reporter posted, took ten days off and went to Regina. She is still talking hockey. A. L. Parres, P. Eng., telephoned from New York City to find out who had won the final game. Lew was away at the time for about five weeks on a business trip to Toronto and New York.

W. A. Green, P. Eng., Vice-President of Hudson Bay Mining and Smelting Co. Limited has left Flin Flon and gone to reside in Riverside, Connecticut, and has taken up his new duties in New York City.

M. A. Roche, P. Eng., is now a resident of Winnipeg. A tip for the golfing engineers — he is a tough man to take nickels away from but makes it a lot of fun trying.

Going back to the hockey again, we had the pleasure of hearing at the home-coming reception for the Memorial Cup winners, a newly formed band from Lynn Lake. The praise given this band by the Musical Festival adjudicators was deserved. Lynn Lake engineers take a bow.

LETTER SENT TO EMPLOYERS

Your Public Relations Committee recently sent out a letter to all employers of Professional Engineers, asking them to co-operate in publicizing the work of the Professional Engineer. Specifically they were asked to:

- (1) Encourage the professional engineers on their staffs to display their licences.
- (2) Encourage the professional engineers on their staffs to use their registration seals on all engineering work for which they have been responsible.
- (3) Encourage the professional engineers on their staffs to use the initials "P. Eng.," after their names in signing letters or in addressing correspondence to known professional engineers.

(4) Refer to the work of professional engineers in their newspaper, magazine and other advertising and in their own company journals.

It was pointed out to them that, as well as aiding you and your association, these four steps would benefit the employer by demonstrating to the people with whom he does business that his engineering work is being handled by competent men.

You, as an engineer, are now urged to take advantage of this opportunity to display your license, use your registration seal and to use "P. Eng." after your name in signing letters if you are not already doing so. Your Public Relations Committee feels that this simple procedure is a fundamental step in publicizing the work of the Professional Engineer.

LICENCES

Temporary licences to practice have been granted by Council to the following:

P. M. Mathews, Great Britain	A. J. Dawe, U.S.A. R. R. Taylor, Ont.
H. W. Umphrey, Que.	W. S. Smith, U.S.A.
B. W. McCrae, Ont.	D. O. Osmun, Ontario
J. W. Brison, Ont.	J. T. Howley, Ontario
R. P. Steketee, Ont.	R. L. Harrison, U.S.A.
F. G. Pack, Ont.	G. E. G. Liesemer, Alberta
N. A. Beesley, Ont.	
K. E. Britain, U.S.A.	

NEW MEMBERS

The following have been registered as members of the Association of Professional Engineers of the Province of Manitoba:

A. G. Bicknell	G. W. Sander
J. D. Murphy	R. N. Sexsmith
W. R. Porter	J. P. Sheridan
N. L. Reid	W. G. Stenshorn
F. J. Ross	J. H. Arnason
J. B. Gordon	D. B. Bruce
G. W. Holmes	H. W. Grant
J. A. Klassen	G. N. Wedlake
D. S. Rothwell	

ENGINEERS IN TRAINING

The following have been enrolled as Engineers in Training:

H. A. Krentz	W. D. D. Christie
S. P. Baker	G. B. Babiy
A. Harms	J. D. Somers
R. G. Catlin	V. R. Price
R. E. Zelmer	G. L. Lapointe
L. R. Smith	D. B. Sinclair
F. H. Gunston	J. H. Paterson
T. D. Rooke	G. E. Burns
T. R. Masuda	D. M. Omysko
O. S. Roscoe	R. J. McRae
G. D. McKenzie	

STAFF APPOINTMENTS

Editor G. T. Christie has appointed W. A. Corbett and R. C. Galbraith as reporters for the Winnipeg area. Mr. Corbett is a well-known skin diver in the West Hawk Lake district, where he spends his summers ogling fish and searching for mermaids. Mr. Galbraith is presently engaged in an engineering problem, which, if solved, will bring him world-wide acclaim. The problem... how to engineer his wife into doing all the landscaping around their new East Kildonan home.

HELP WANTED

The Membership Committee is endeavouring to compile a list of all those who are qualified for registration in this Association who are not yet registered. This can only be done successfully with the help of the entire membership. If you know of anyone who is eligible please contact the office of the Association, WH 3-6745, or Mr. Williams, Membership Committee Chairman at SP 4-4521. Please do it today!