

The Manitoba Professional Engineer

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NO. 6

FLIN FLON NEWS

By M. N. COLLISON, P. ENG.

Congratulations and greetings to Mr. E. S. Austin, P. Eng., who is now a member of this association. Eric, as he is called by everyone here, is General Manager of Hudson Bay Mining & Smelting Co., Limited, having replaced Mr. W. A. Green, P. Eng., about a year ago, and is a graduate of the University of Alberta. He has been employed by the H.B.M. & S. since 1933, where he started in the Zinc Research Dept., rising through the Zinc Plant to Superintendent in 1949. Golfing and curling are his two main outside interests, although his shooting eye must be pretty good because he almost always is able to come home with ducks and chickens whenever he goes after them. Eric is also a five pin bowler and a 16mm. movie fan.

Another one of the Zinc Plant boys is R. F. Pearson, P. Eng. Frank, not too long ago, was transferred to this department as Swing Foreman, having previously been in the Smelter Research Group. He is now spending his spare time building stone fences but this pastime will end just as soon as square dancing gets underway, which will be very soon.

Mr. W. A. Green, P. Eng., was in town for about 10 days around the first of October, mainly on business; but seemingly enjoying himself, visiting his many old friends here in town.

Another "do-it-yourself" (besides RFP) fiend is R. L. Price, P. Eng. Ron, this past summer, by means of an addition, just about doubled the size of his cabin at Baker's Narrows on Little Athapapuskow Lake. This addition, along with the picture windows which were added, has given Ron a cabin he should be proud of. Of course the big trouble with this type of pastime is that the little woman has new ideas faster than the old ones can be executed.

There is another home movie fan here in the person of A. L. Parres, P. Eng. Lew tells me that he has some pictures, not edited as yet, which he took this summer. These pictures were taken on a 2-month trip which he and his wife, Billy, took to Europe. While essentially this was to examine a copper property in County Cork, Ireland, with business calls to be made in Paris and Geneva, it turned out to be a very pleasant sight-seeing trip. They flew from New York to London and visited throughout the British Isles. The trip to Paris of course included the Follies and the Lido night club which is the largest night club in the world; as well as the Eiffel Tower. In Switzerland they rode the cog railway near Berne up Mt. Gornergrat and also had a look at the Matterhorn. Lew says you "haven't seen mountains until you see the Alps". He reports that they saw no kilts in Scotland, but they do have some movies of Queen Elizabeth and Prince Phillip, taken at the World Scout Jamboree, held in England this summer.

Engineers in Civic Affairs

BIRD, DUCHARME AND KNIPER ELECTED

It was indeed gratifying to note that members of this Association had been nominated



W. J. DUCHARME, P. Eng.

as candidates in the recent civic elections. It was even more gratifying that three of them were elected. Edward Kuiper, P. Eng., was elected to the School Board in St. Vital; Robert A. Bird, P. Eng., was re-elected to the School Board in Fort Garry, and W. J. Du-

charme, P. Eng., making his first bid for office, was elected to Council in Fort Garry. The results are a personal tribute to these engineers, who have already made a substantial contribution to their community affairs, and they are also an indication of the growing awareness on the part of the public of the need for able, qualified men in civic administration. These gentlemen are to be highly commended for their willingness to give of their time and effort to the administration of community affairs. On behalf of Council and members of this Association, we offer them our heartiest congratulations and wish them success in their endeavours.—M.L.D.

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WINNIPEG

W. Dubesky, P. Eng., has been appointed Supervisor of Refineries for North Star Oil Limited.

K. N. Bayne, P. Eng., has been appointed Sales Manager of the Winnipeg office of the Canada Cement Company.

C. L. Davies, P. Eng., has been appointed district engineer for the federal works department at Winnipeg. Mr. Davies is a graduate of the University of Manitoba and joined the department at Winnipeg in 1945. He has been in Ottawa since 1954.

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G. T. Christie, P. Eng., Editor of The Manitoba Professional Engineer, is pleased to announce the appointment of Jay D. Murphy, P. Eng., as reporter in the Lynn Lake area.

FALL FROLIC

Copacabana Club — Lot 35 Old Kildonan

Friday, November 1st, 1957

9:00 p.m.

\$6.00 per couple — this includes full course meal for 2.

Refreshments available at the "bar".

Order your tickets now from the Association office, WH 3-6745.

Don't miss the highlight of the social season!

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.; R. C. Galbraith, P. Eng.

What Is There In It For Me?

It was not to be expected that last year's phenomenal increase in membership could be duplicated in 1957. Last year was an unusual one in the history of the Association and many of its achievements were of a singular nature.

The Membership Committee, under the Chairmanship of R. S. Williams, P. Eng., has been just as active this year as it was in 1956, and although the results are not as spectacular, they are none-the-less encouraging. One hundred and four new members have been registered to date; approximately half of this increase has been offset by transfers and resignations.

One of the questions that has sometimes been asked of the Membership Committee is "What is there in it for me?" All members of the Association should be prepared to answer this type of question.

We do not often hear anyone ask the question "What is there in it for me?" in connection with the acquisition of a license to drive a motor vehicle in Manitoba. It is generally accepted that the law requires such a license. It is, unfortunately, not as widely known that one is legally required to be registered or licensed by this Association in order to practise professional engineering in Manitoba. It might also be pointed out here that Section 20 of The Engineering Profession Act states: "Except as herein otherwise provided, no person shall knowingly employ as a professional engineer or for any work which requires the services of a professional engineer, any person who is not a member of the Association or who is not the holder of a license issued pursuant to the provisions of this Act."

Members could do the Association a service by studying The Engineering Profession Act and by creating an awareness of the Sections of the Act relating to the practise of professional engineering. Copies of the Act are available at the Association office.

There are, of course, certain people who will drive a motor vehicle without a license, thinking perhaps that they will not be apprehended for this evasion of the law. Such people who have no respect for the law are generally regarded as irresponsible by law-abiding citizens. It is disturbing to find a similar attitude toward the law among graduate engineers. Fortunately the incidence is small, but it does exist.

We could point out that those who have achieved the greatest measure of success in the engineering profession are registered professional engineers. This is not to say that an engineer will be successful merely by obtaining registration in this Association. An engineer joins this Association because he recognizes that it is his duty and his responsibility to do so, and he is successful because he applies the same principles in his business.

"What is there in it for me?" This is not a fraternal or professional organization which one may join in order to make friends, meet new people, attend smokers and dances, an organization offering pie in the sky in order to lure prospective members into its fold. This

is a legal organization, membership in which is a privilege granted to a qualified few, giving a person the legal right to practise professional engineering in the Province of Manitoba AND THIS IS WHAT THERE IS IN IT FOR YOU.

There are, of course, many intangibles incidental to membership. There are smokers, and dances, and good fellowship, there is pride of profession and of membership and an opportunity to further the interests of the profession. As with most organizations, this Association is many things to many people, and Council is indeed gratified to note the active interest in Association affairs that is being taken by a great many of our members.

The members of this Association have reason to be proud of the profession they have chosen and of their Association. It should not take a member of this Association long to give a ready answer to such a question as "What is there in it for me?" —M.L.D.

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A Message from the President

I see that it is again time for me to report on the activities of Council, which has continued to meet regularly throughout the summer months, despite their pre-occupation with the usual hectic program of summer work and the holiday period.

The various committees have also continued to work on their assignments. The constitution of the Canadian Council of Professional Engineers is being reviewed and a special committee has been set up to study this for our association.

You have all received a copy of a questionnaire on night school classes in engineering. The Junior Chamber of Commerce has been investigating this problem in Winnipeg, as a result of which it was found that a considerable number of people desiring post-matriculation education were interested in engineering. Council has also had numerous applications for registration from people who were not fully qualified. While our Act provides for written examinations and a uniform syllabus is available, it is obvious that it must be extremely difficult for most of these applicants to prepare themselves adequately on an individual basis. It is felt that night school courses in engineering might greatly assist in solving this problem, just as it has in many other centres in North America and, I believe, in Great Britain.

Council therefore considered this question very carefully and decided that as the professional engineering body in Manitoba, it should definitely interest itself in this problem and decided to co-sponsor the issuing of a questionnaire in order to survey the actual requirements of night courses in engineering. While replies are still coming in, the response to date has indicated that over 300 people are

interested in evening courses, 60 of whom desire post graduate studies. In addition to those already mentioned, there have been a considerable number of requests from members of our Association for a night school course in Business Administration. It is Council's intention to assist in pursuing this matter further with the hope of seeing such courses established at our University.

Council has also, within the last year or so, considered the question of a modified type of group insurance for our members, similar to that now in effect in the Ontario, British Columbia and Alberta Associations. It was decided at our last meeting that a brochure be sent out to the members giving detailed information on this plan which could be implemented if sufficient interest is shown. It is requested that the members consider the plan and if interested, complete the application and return it promptly so that Council will be able to take appropriate action.

Action has also been taken by the Registrar in the last few months on several cases which were drawn to Council's attention by members, where both individuals and firms were using the terms "engineer," "engineering" or "professional services" in such a manner as to imply that they were practising professional engineering. In each of these cases replies were received promptly advising Council that the required action would be taken to desist. Council would very much appreciate it if all members would call any such similar cases to the attention of the Registrar so that similar action can be taken. It is only in this way that Council will be able to properly administer and enforce our Act.

Social activities have not been neglected. Following the spring golf tournament which was reported on in the last issue, Mr. J. Sill, who had been Chairman of this Committee for many years, retired. A new committee consisting of Harry Benditt, Chairman, George Flavell and Bill Lynn, made arrangements for and carried through a most successful fall tournament. You have also received an invitation to the annual fall frolic which it is hoped will be bigger and better than last year's. Preparations are also being initiated for the annual meeting which will take place on January 16th, 1958. It is proposed to follow last year's procedure, which proved so successful.

May I conclude by welcoming all the engineering students back to the campus for another year of work, study and university life.

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TRANSFERS

The following have been admitted to membership by transfer:

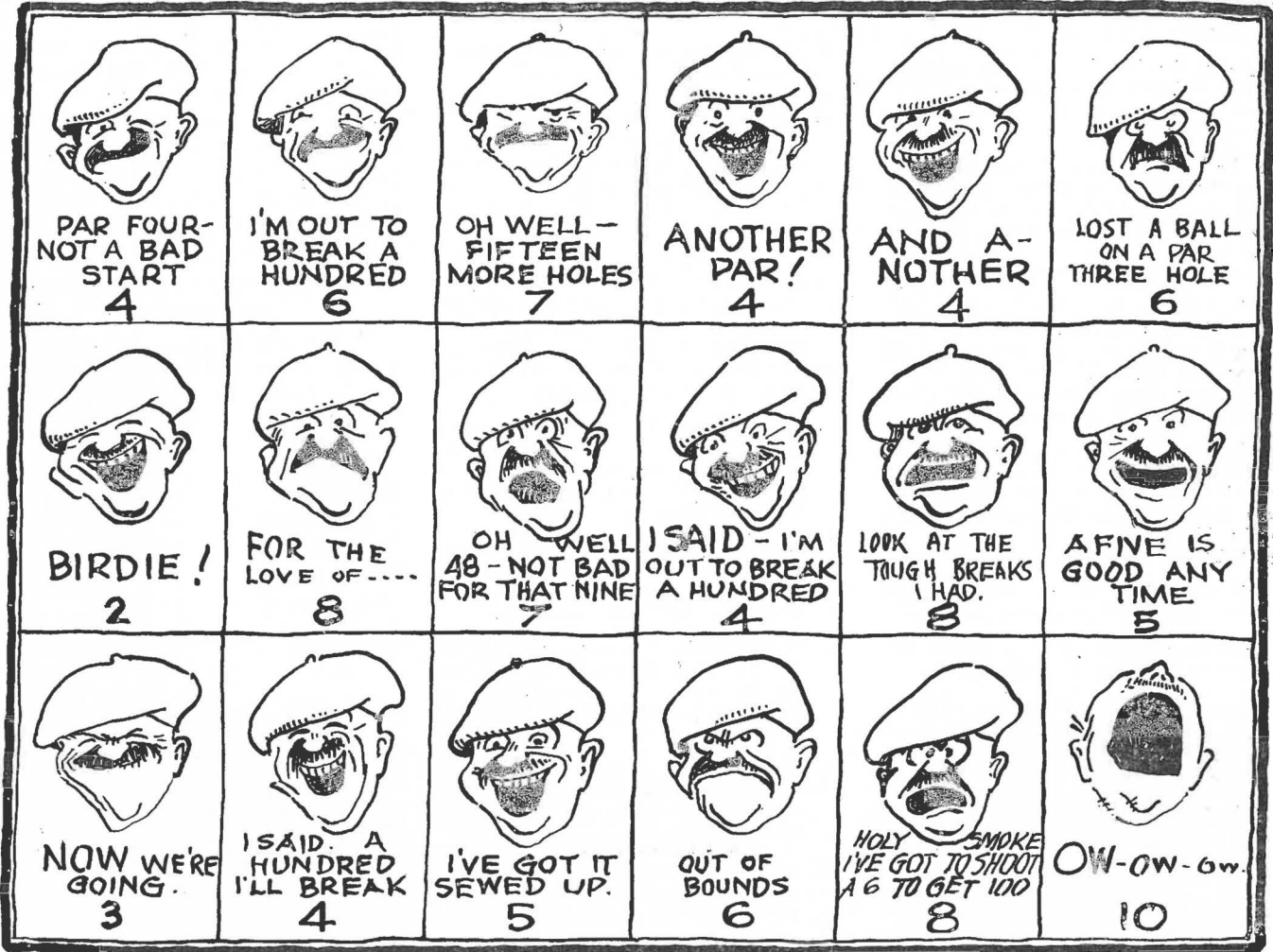
E. M. Foo, Alta.	C. G. Kirby, N.S.
J. L. S. Ross, Ont.	R. F. MacMillan, Ont.
W. L. Saunders, Sask.	C. W. Reade, Que.
	C. L. Davies, Ont.

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VISITOR

It is difficult to put W. A. (Bill) Dexter in the category of visitor. While he was in Winnipeg Bill was active in committee work with the Association. The old adage, "If you want something done and done well, find a very busy man and ask him to do it," could certainly have been applied to Bill Dexter. Bill called in at the office the other day to say "Hello" and report on weather and football conditions in Calgary, where he is now residing.

YOU at Our Fall Golf Tournament



NICK - AFTER BRIGGS

Ken Truman Wins Sullivan Cup

By G. T. CHRISTIE, P. Eng.

Battling the stiff odds of a cool day, tough competition, and the Calloway system of handicapping, Ken Truman made use of a good back nine to lay claim to the Sullivan Cup at the annual fall golf classic held by the Association of Professional Engineers.

While the day presented itself as a fairly chilly and gloomy one, it was surprising to see the very good turn-out. Obviously, we duds figured the weather would keep fellows like Truman back at the office, but evidently all engineers have an intestinal fortitude second to none when it comes to getting an afternoon's entertainment legitimately. "Legitimate"; that means the boss would be a bum if he turned down the request.

After the expected divot-digging, over-putting the short ones, hooks and slices, the members generally collected in the "19th hole", a special haven of culture and refinement. Here we found Bert Muir, Len Bateman, Doug Haig and Alex Holland discussing the technical aspects of a particular fluid. Emphasis was placed on the thermal reaction obtained and, while at first the subject was discussed in a subdued manner, the results were as spectacular as sputnik, making it necessary for the originators to no longer hold back their secret. They advocated that one and all add a pat of dairy fat to a well known Jamaican product, cover

with boiled water, and use to lubricate the inner workings. It is particularly recommended for fast, smooth, starts on cold days. It works: we got into the discussion.

After a filet mignon, with all the trimmings, each one present at the dinner introduced himself and mentioned his place of work.

Harry Benditt ably chaired the meeting. Len Bateman presented the Sullivan Cup to Ken Truman for his low net 69 score. T. P. Smith received second prize with a low net E.I.C. member score of 66; moral of this story... belong to the A.P.E.M. and get the cup. Smith, however, picked up the Manville bottle????

The master player was T. Maftchuk with a low gross of 73 followed by R. Robb, a 78, and B. Fast. Jack J. Winship played the smartest game of all by jockeying into the high gross position and thereby winning back some lost balls. Other champions were C. Fritz, R. Jeske, A. K. Goodmanson, H. Lewis, G. H. Currie, K. Hand, and Frank Cavers.

Bill Lynn, George Flavell, Doctor Charlie Landon and Chairman Harry Benditt, are to be congratulated for having things so well organized.

C. R. YOUNG, P. Eng.

The Editor has reluctantly accepted the resignation from the staff of this paper of Bob Young, who was one of the Associate Editors. Bob has severed his connection with the R.C.A.F. and has joined the staff of Catalytic Construction Company in Sarnia, Ontario. During his brief stay in Manitoba, Bob took an active part in Association affairs and was an effective committee worker. Besides his work on this paper, Bob served on the Social Committee and assisted with the 1957 annual meeting. We wish him well in his new venture and hope that he will take with him as many pleasant memories of us as we hold of our contacts with him.



APPOINTMENT

G. T. Christie, Editor, is pleased to announce the appointment of R. C. Galbraith to the position of Associate Editor. Mr. Galbraith may be regarded as somewhat of a youthful prodigy. He joined the staff of this paper as a cub reporter only three months ago and showed such outstanding ability that he has already made his way half way up the journalistic ladder of success. This remarkable achievement will no doubt serve as a beacon of encouragement to others who may want to combine the professions of engineering and journalism.

One Man's Family

By W. A. CORBET, P. Eng.

The other day the Editor called us up with an assignment.

"Reporter, there's a fellow in the organization, name of Stewart Barkwell, over at C.G.E. trying to make a name for himself. He just had a baby daughter..."

"So, he rates headlines because he has a daughter?" we thrust in cleverly, knowing all along of course, that there must be more to it than that. But Editors like these little interjections, feeling you must be on your toes, sifting through the material, smelling out a story.

"Wait a minute. He just had a baby girl, who is a nice ordinary baby girl in every way, but here is the point. They, that is, he and Mrs. Barkwell, have already a family of five boys. Think of the way they must feel... boy after boy until finally a little girl."

We didn't say it but we were thinking about how they would have felt if it had been girl after girl until finally an heir! Would have made a better story too. We were even toying with the idea of asking the parents if we might twist the facts just a little bit but...

"Well, hop to it — get some sort of a story on him — and make it humorous, you know."

"Okay", we said, and hung up. Editors like abruptness at this point in assignment letting.

However, we weren't all too sure of what we could write about an Engineer called Stewart Barkwell and his six children and do it humorously. Should we, in the course of an interview say, "And now, Mr. Barkwell, you have a basketball team and one cheerleader!"

But we are getting ahead of ourselves. First we must have the interview.

We 'phoned the Barkwells. Mr. Barkwell was out delivering communion cards. Mrs. Barkwell confirmed the arrival in September of the sixth addition to the family, a girl of approximately 8 pounds. We also learned that six is the magic number, a half dozen is just right. Sounds pretty good to us too.

To this we will only add our congratulations to the parents of five potential Engineers and a potential Engineer's wife.

CONGRATULATIONS

To Mr. and Mrs. A. L. Schlanger, on the birth of a son, Joseph William.

To Mr. and Mrs. K. R. Ebborn on the birth of a daughter, Laura Jean.

To Major and Mrs. R. H. Walker, on the birth of a daughter, Cynthia Ann.

To F/Lt. and Mrs. J. L. Widdis, on the birth of a daughter, Pamela Jean.

To Mr. and Mrs. O. R. Thorsteinsson, on the birth of a son, Grant George.

To Mr. and Mrs. J. G. Broda, on the birth of a son, Russel Joseph.

To Mr. and Mrs. S. Barkwell, on the birth of a daughter, Janet Ruth.

To Mr. and Mrs. S. C. Suggett on the birth of a son, James Alan.

To Mr. and Mrs. W. Frederiksen on the birth of a son, John Duncan.

To Jack Iliffe and Barbara McIntosh Iliffe on the occasion of their marriage.

TRANSFERS TO OTHER ASSOCIATIONS

L. A. Pearce, Alta. R. C. Wharton, Ont.
C. R. Young, Ont. J. W. Liddle, Que.
F. J. Scott, Ont. R. P. Holmes, Ont.

LETTER SENT TO ALL EMPLOYERS OF PROFESSIONAL ENGINEERS IN MANITOBA

Dear Sir:

As an employer of professional engineers, you are well aware of the contributions they have made to the economy and progress of Manitoba and Canada. Unfortunately all Canadians are not as cognizant of this service as you are. The Engineering profession has not been accorded the same public recognition as have our sister professions of medicine and law.

With this in mind, the Association of Professional Engineers of the Province of Manitoba has undertaken, in conjunction with the other Associations across Canada, to publicize, in certain ways, the work of the professional engineer. Your co-operation in this program is invited. You may help as follows:

1. By encouraging the Professional Engineers on your staff to display their licenses. These licenses are required by law before an engineer may practice his profession in Manitoba.
2. By encouraging the Professional Engineers on your staff to use their registration seals on all engineering drawings for which they have been responsible.
3. By encouraging the professional engineers on your staff to use the initials "P. Eng." after their names in signing letters or in addressing correspondence to known professional engineers.
4. By referring to the work of professional engineers in your newspaper, magazine and other advertising and in your own company journals.

In addition to according the professional engineer his due recognition, these four simple steps will demonstrate to the people that you do business with that your engineering work is being handled by competent professional engineers.

May I take this opportunity of thanking you for your co-operation. If you have any questions or comments to make with regard to this program, please direct them to Mr. C. S. Landon, P. Eng., Registrar, at the Association office, 418 Avenue Bldg., Whitehall 3-6745

LICENCES

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

N. W. Dubois, Alta. G. E. Midgley, Alta.
R. W. Powell, Ont. G. A. Rohlich, U.S.A.
G. G. Cooper, Ont. N. Fodor, Ont.
G. J. O'Sullivan, Ont. B. M. Ellis, Sask.
R. C. Wharton, Ont. T. Koulomzine, Que.
E. R. Cutlan, Sask. J. C. Sproule, Alta.

ENGINEERS IN TRAINING

The following have been enrolled as Engineers in Training:

H. S. Garrioch R. Diamond
W. Saltzberg E. M. Pashniak
G. C. Fabro D. H. Ross
M. Z. Tarnawecy A. C. Trupp
W. J. Akins W. J. McQuay
J. D. Mishtak

Editor's Note: We are pleased to welcome R. Diamond as an engineer in training. Mr. Diamond did a very capable job as University reporter last year, prior to his graduation in the Spring of 1957.

It is with deep regret that we record the death of one of our members, Frank Davenport Shepherd. At the time of his death Mr. Shepherd was vice-president and executive secretary of the Mid-West Metal Mining Association. He was a past president of the Canadian Institute of Mining and Metallurgy and of the Manitoba Science Alumni Association. Mr. Shepherd was widely known in mining and engineering circles and will be greatly missed by a host of associates and friends.

NEW MEMBERS

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

E. S. Austin	H. Westmore
L. Bookbinder	E. B. Nicholls
C. Burgoyne	D. J. Berry
D. K. Burke	G. L. Johnson
D. R. Dawson	A. McGregor
J. W. A. Godfrey	W. A. Morrice
P. M. Greenwood	J. K. Hart
J. Klassen	W. H. Kasperski
A. J. McDonald	R. V. Tomkins
H. R. Skinner	K. Peaker
A. T. Sloane	E. H. Birnie
H. E. Thiessen	G. Sagi

Engineers Hobbies JUDO, ANYONE?

The replies to the questionnaire which was sent to members have been gratifying and interesting. For those who volunteered their services for committee work, we wish to advise that new committees will not be set up until early in 1958, and the response has been so good that it is possible all the volunteers may not be put to work immediately. However, the co-operation of the members in this connection is certainly appreciated.

The Bulletin Committee is also most appreciative of the returns regarding hobbies. Some of the hobbies of our members came as a surprise to the Committee. Who would have thought that an engineer would take up judo as a hobby? Another member stated that his hobby was "Kids!" The most common hobbies are golf, photography, fishing and hunting. A few of our members collect stamps and only one claimed his hobby was reading. Two members are apparently too busy to have any hobbies at all. Some odd combinations have come to light. For instance, who would have thought that sports cars and classical records would be compatible? There were no ballet dancers, star gazers or pin-up-girl collectors. The questionnaire produced only two artists — one a painter and the other a cook. Engineers apparently shy away from strenuous sports and lean more to curling, golf and lawn bowling.

Actually, we were rather surprised at the general trend of the hobbies. One might be led to believe that engineers were a rather staid, quiet group of citizens — if one didn't know better. We did notice that one of our senior members listed photography and fishing as his hobbies and we happen to know that he is one of the best story tellers in the province, so perhaps the replies are not all as honest as they might have been. We hope that in future issues, we will be carrying articles by members on their particular interests.

G. T. Christie, P. Eng., is pleased to announce the appointment of L. W. Blackman, P. Eng., as reporter for the Dauphin area.