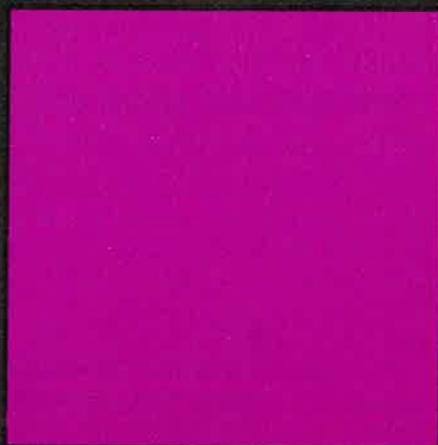
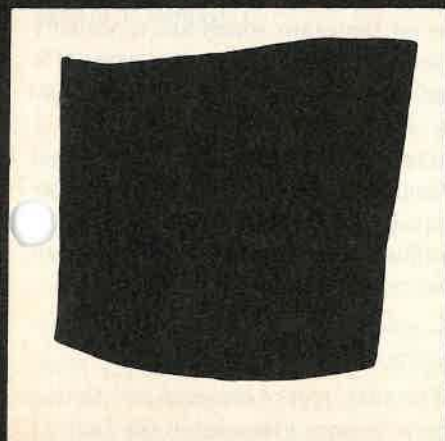
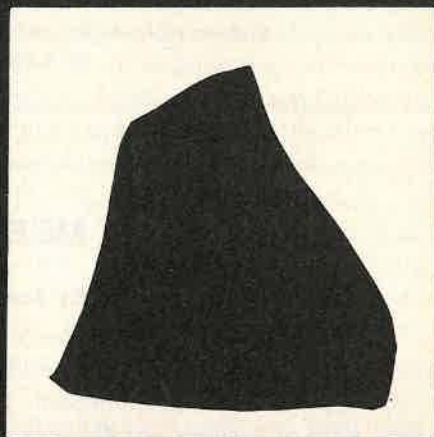


August

# Bulletin

82

*The  
Manitoba  
Professional  
Engineer*



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*Opinions expressed are not necessarily those held by the A.P.E.M. or  
the Council of the A.P.E.M.*

WINNIPEG, MANITOBA, AUGUST, 1982

## COUNCIL MEETING JUNE 14, 1982

**By Joe Lucas, P.Eng.**

The meeting was called to order punctually at 3:39 P.M. with the President and 8 members of Council present. The first order of business was the approval of the meeting agenda. With this out of the way, Council was treated to an oral recitation of the minutes of the May 10 Council meeting presented by President Jardine. This was required as copies of minutes were not made available to Council. Registrar Rogers noted, at this point, that the fact that he had not fulfilled his responsibility in this matter would probably be reported in the Bulletin, but this reporter would not lower the professional standard of this publication by noting such a trivial item.

After the dissertation and small discussion, the minutes were approved as read.

The next order of business was approval of licences and engineering graduates which led to a rather lengthy discussion concerning the A.P.E.M. exam. Registrar Rogers indicated to Council that during his tenure he has noted that there are a number of questions on the exam which are repeatedly answered incorrectly by applicants. He noted that perhaps the "problem" problems should be reworded to present a clearer question to writers. It was decided by Council that the Registrar should prepare a list of the questions he felt could be redone and also possible rewording of these questions.

Council proceeded with accepting registrations as presented.

The next item of business was setting a figure to be put forward at the June 15

special meeting as a ceiling for fees. It was agreed that a figure of \$150.00 would be presented. It was at this point in the meeting that the agenda for the June 15 special meeting was reviewed and Council members were advised to "beat the bushes" to ensure a quorum be in attendance.

President Jardine next reported to Council on his Quebec OIQ annual meeting. He reported that he was very impressed with the overall quality of the meeting and the group participation. He also noted that the meeting was sponsored and product displays were maintained in the area of the meeting.

After a large amount of pushing, prodding and pleading, Councillor Morris grudgingly addressed Council on the University of Manitoba Faculty of Engineering Reunion. He remarked to Council that he felt that there was not much local reaction to the upcoming reunion and expressed his appreciation for the support of the Council and the Bulletin.

The next item was President Jardine's report on the recent C.C.P.E. meeting, and he closed with the comment that the 1985 C.C.P.E. Annual Meeting will be held in Winnipeg.

President Jardine next expressed his thoughts on a possible registration ceremony. After a lengthy discussion the general consensus was perhaps "gradually increasing stature of event" would be the most likely way to achieve the level of a formal registration ceremony but no concrete decisions were made on the item.

At this particular point in the proceedings, a cookie break was called to revitalize and nourish members of Council (and one freeloading reporter).

With cookies out of the way, Council turned its discussion to the appointment of an alternate signing officer. It was pointed out, however, that this particular item was to be amended at the June 15th meeting and, therefore, should be tabled at the next Council meeting.

President Jardine next gave his report to Council on the recent A.P.E.O. meeting. The significant item he noted was the handling of discipline cases by the Association. Unlike our Association, they are handled by a Committee and not Council. Our President also reported that the meeting had a very large turnout with Association Presidents from all western provinces, Newfoundland and Quebec in attendance. In general, the meeting ran well and was well orchestrated.

The final order of business was our President's report on the Brandon area meeting. With some prompting from Registrar Rogers it was noted that most of the questions and discussions were identical to items covered at the Thompson meeting. It was also pointed out that the attendance was really very good when it was realized that they were competing with a hockey game.

At 6:30, the meeting was adjourned.

## **IRON RING CEREMONY**

It has been the usual procedure to have a fall ceremony of the iron ring usually in mid November. Engineers who are desirous of being obligated at that ceremony are invited to contact the Secretary of Camp #8 at the address below for further details. W. G. McKay, Secretary c/o Underwood McLellan Ltd. 1479 Buffalo Place, Winnipeg, Manitoba R3T 1L7 Tel. 284-0580.

# THE MEETINGS

## BY-LAWS

The Special meeting called Tuesday, June 15 at the Montcalm Gordon Motor Hotel met initially to discuss the changes to the existing By-Laws. All the By-Laws were passed either as presented, with amendments, or with amendments to the amendments. As the changed By-Laws have now been sent out for membership approval by ballot, there seems little reason to define the changes or dissect the final form of the By-Laws.

Memorable quotes of the evening would include, "So what if there is no Vice-President as long as there is a chairman of the meeting."

In considering By-Law 13- Secretary — the male pronoun is used, "He shall see that all —". Comment "What if there is a female member, or a member of the opposite sex?" There's a difference?!

Further on this subject's duties — "ensure that correct accounts are kept." Does he destroy the incorrect accounts?

In considering Amendment 14 "Care of Funds" it was passed that monies shall be deposited in a chartered bank, or other deposit gathering institution which is a member of the Canadian Deposit Insurance Corporation so that the funds would be insured. As the CDIC only insures up to \$20,000 per account, this would appear to entail the Association's having accounts in several banks, at certain times of the year. The Credit Unions in Manitoba are guaranteed through the Stabilization Fund for any amount on deposit. This has been confirmed and backed by the Provincial Government. Thus only one account would be needed if deposits were

made through the Professional Financial Services and Credit Union Ltd. An amendment pointing out this element of security and time-saving was not approved.

Other than Paul Shane's amendment changing "guideline" in By-Law 35 to "guide", there was not much else noteworthy, except to record the visual sartorial elegance of Rudy Isaak.

The second discussion was on the Report on Competence and Continuing Education, as the meeting changed from a Special category to a General meeting. This subject is being reported on by Roger Kane, Editor elsewhere in this Bulletin.

— E.A.S.

## Continuing Competence

"Most of the things that are really worth knowing cannot be taught."

Ignoring this the A.P.E.M. embarked on a mission which some people class as impossible; to review the need for a formal policy in the A.P.E.M. for members, to maintain, on an ongoing basis, a training program to assure a level of technical proficiency. To borrow the words of Ken Jardine this is a Motherhood issue.

A new committee has been struck chaired by Gary Swan to review and monitor the efforts being made by other engineering bodies and other professional societies such as dentists, lawyers, accountants, etc. In their ad hoc stage they had already looked at some, which Gary reported on at the Special meeting attended by 56 interested members.

Many members got up and expressed their ideas and concerns about such a

committee as to its need, how it could be implemented, etc. The concept seemed to be generally acceptable, but the mechanics of such a program are elusive. Some spoke in favour of a mandatory system whereby each member of the A.P.E.M. either records a personal diary of technical training taken, which could then either be reviewed upon demand, or actually registered with the A.P.E.M. annually as a means of retaining standing. Others felt a less dogmatic approach seemed more feasible whereby the A.P.E.M. would (presumably using the committee as a vehicle) encourage each member to voluntarily take courses which would cause that member to remain technically proficient. Still others felt that the need for the committee was redundant in that the Practice and Ethics committee would catch the incompetent members, thereby imposing a backdoor-type encouragement to remain competent.

The meeting broke up around 11:30 at night with a request that those wishing to become a part of this committee should bring their names forward. As you can see, the opinions of this small sample were diverse and the work load of this committee is large. The consequences of the work being done could have long term repercussions because, as many people noted, if we don't do something then there are people who hold quite a bit of power who are quite interested in this facet of various professional bodies and they might take charge unilaterally if we cannot or will not.

To end as I began;

"No difficult job gets done until someone tackles it right now."

— R.A.K.

## Results

At 11:00 a.m. on July 15, 1982, the ballots on the proposed by-law amendments were counted with the following results:

Total number of ballots, mailed out to members — 2682

Total number of ballots returned — 423

Spoiled ballots returned — 5

Percentage returned — 15.8%

By-law	% For
2	99.0
3	98.8
4	97.6
6	98.3
11	98.8
13	98.8
14	95.4
15	95.2
16	93.2
17	98.8
19	95.2
25	96.4
35	96.9
40	95.6

SCRUTINEERS — A.A. MacLeod, P. Eng., H. Rempel, P. Eng., J. Romeo, P. Eng.

## Ballot

In November 1981, 839 members (31%) returned their ballots in voting for members of Council. In December 1981, 588 members (22.2%) returned ballots on a vote for 6 by-law amendments. In July 1982, 423 members (15.8%) returned their ballots on a vote for 14 by-law amendments. What are the reasons behind this decrease in participation? The economy? Postal rates? Apathy?

During the most recent ballot counting the scrutineers had their task lightened by a note stuffed into an already full ballot envelope. The note read, "Now I understand what is meant by stuffing the ballot." Our thanks also to the voting member who caught the missing hyphen and apostrophe.



**Mrs. A. E. Macdonald and Prof. Andy Baracos at the reunion**



**Glenn and Donna Morris tripping the light fantastic**



**Barton Rossen from Winnipeg, Merv Mindess from Minneapolis and Martin Tannenbaum from Israel at the reunion**



Glenn Morris has coffee in the A.P.E.M. Oasis with Barton Rossen and Gail Isaak

## THE REUNION

They came from as far away as Israel to partake of the nostalgia, to drift back down memory lane, to remember when. It's the unique kind of sentimental journey that only a reunion can generate. Glenn Morris and the members of his committee worked and planned for a year to make it all possible. Glenn was ubiq-

uitous. He was the genial and witty master of ceremonies on several occasions. He directed traffic. He answered questions. He helped organize the volleyball and played on one of the losing teams. When someone from the class of '43 came into the A.P.E.M. Oasis to inquire where he could get copies made of some documents, Glenn was off and running to the nearest duplicating machine (which was in another building.) Although he had more than enough to do in his capacity as Associate Dean and Chairman of the Reunion Committee, he found time to take his turn with other members of Council in our Oasis. When fifty more people turned up for the Alumni lunch than had been expected, Glenn was off to the nearest chicken factory to gather up fifty chicken dinners, salads, rolls. We are going to have him cloned, several



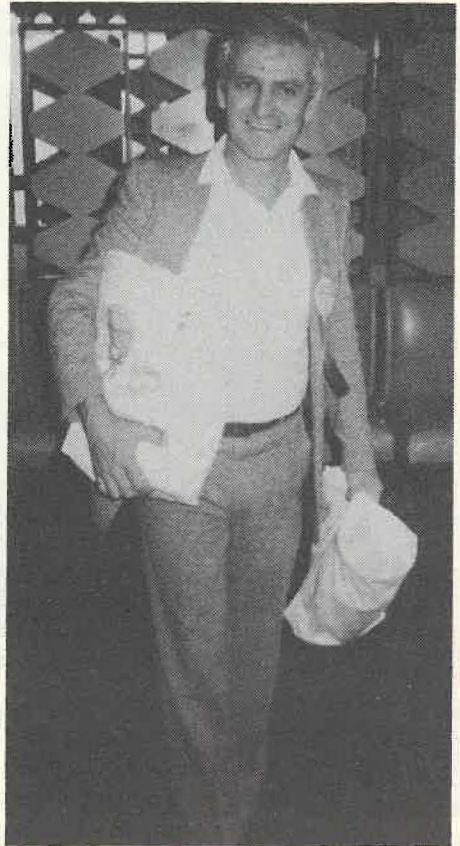
Glenn Morris grabs a quick nap at the head table at the reunion banquet

times, so there will be one Glenn Morris for the University, one for all his athletic endeavours, one for neighborhood and church activities, one for our Council, one for the Bulletin Committee and one for his wife Donna.

Registration began on Thursday, July 1 in University Centre. The Association's Oasis was in this same building and people began drifting in by mid-afternoon. Ken and Dolores Jardine were the first to sign the guest book, followed by Vern McGregor of Winnipeg and Gwen and Mac Curry of Revelstoke. Business cards and messages were posted on our bulletin board. President Jardine left the office Fixture (the title he gives to anyone who works for the A.P.E.M. for more than twenty-five years) in charge of the Oasis to direct people to the wine and cheese



Glenn Morris at registration desk



Glenn Morris delivers the chicken for the Alumni luncheon



Charlie McIntyre and Hilda and Tom Weber at the wine and cheese party



Jack Cahoon with pretty lady and empty glasses at the wine and cheese party

party down the hall. Chris Anderson is kind to stray animals and geriatric ladies and he kept the Fixture company.

The wine and cheese party was a great ice breaker. Hey, isn't that our old buddy? There's the guy who climbed the flag pole. Jack Hoogstraten was seen chatting amiably to the former residence students who



Jack Hoogstraten and Andy Antenbring at the 75th reunion



Glenn Morris and choristers at the wine and cheese party singing "We can we can we can drink forty beers," or "We could we could we could . . ."



May Macdonald, Margaret Hoogstraten, Loreen Dunklee at the reunion

soaked the place with hoses when Jack was Dean of Men. There were the students who wrote "It's a Boy!" on the blackboard when John Hoogstraten was born. When Jack came into the classroom and asked "Who did that?" the reply was "You did!"

After the wine and cheese party, it was on to the Oasis for some coffee and more reminiscing. Mike Schioler dropped bread crumbs and this time he found the right room. The McBains, Dyregrovs and Mrs. Al Francis welcomed Al back to Winnipeg from Montreal. Margaret Hoogstraten and May Macdonald (Dean A.E. Macdonald) chatted about events in the life of the wife of a dean. It was a very heart-warming evening. Just before midnight the Jardines and the Fixture closed the Oasis for Day One.

Day Two opened with the pancake breakfast and some apprehension about the weather. Ray Cruikshank and his wife and children were in from Brandon. Rob Waddell brought his wife and youngsters as part of his cheering section for the volleyball. People drifted in and out of the Oasis until it was time for the opening



Margaret and Jack Hoogstraten in the A.P.E.M. Oasis at the reunion

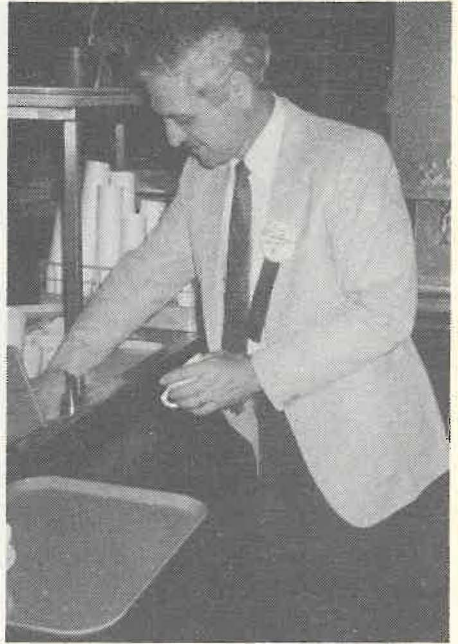


Ken Murray and Chris Anderson share a moment of comedy (clue: the button on Ken's shirt that is about to pop off into Chris' coffee cup.)

ceremonies in the east gymnasium. President Naimark and Dean Kuffel welcomed everyone. There was an historical slide presentation, put together by Art Carlson, that was a highlight of the reunion. Nick Diakiw gave the opening address. He moved the crowd from gales of laughter to moments of quiet reflection.



Ray Cruikshank and family came in from Brandon for the pancake breakfast



Glenn Morris at pancake breakfast



Glenn Morris at volleyball

After lunch the spectators waited in the Oasis while the athletes (this is a euphemism) got into their gear. We admit to a considerable amount of bias, but we did feel Past President Rudy Isaak had the classiest attire. It was hard to keep track of the uniform of Ray Van Cauwenberghe — he kept peeling. Ed Pentland brought his own cheering section, his wife. There were winners and there were losers, but there was no match for Jack Cahoon's Spikers, who won the tournament.

The beer garden was open, and those who preferred coffee were in the Oasis. Ed Schroeder couldn't find the showers after the volleyball so he went outside and stood in the big shower that washed out the outdoor barbecue. But Glenn Morris and his troops can adapt to anything. The food was cooked outside and eaten inside.



Honorary Alumni President S. J. Borgford makes a presentation to Jack Hoogstraten at the Alumni lunch

One of the joys of being on the committee is that you aren't sure if there will be any food left when your turn comes.

Bob Foster was our official host in the Oasis on Saturday morning, together with Glenn Morris who only had about a hundred other things to do. Ray and Linda McQuade were with us again. We were pleased to welcome Keith Ebborn and Dick Noonan, and Mr. and Mrs. Antenbring who were paying us another visit.

The Alumni lunch was scheduled for noon, and as the crowds assembled it became apparent that some sort of loaves and fishes miracle would have to occur. Glenn Morris received loud applause when he arrived with the instant chicken. Lowell Campbell, President of the Alumni group, moved through the agenda while the rest of us went from soup to dessert. Scotty Borgford, the Honorary

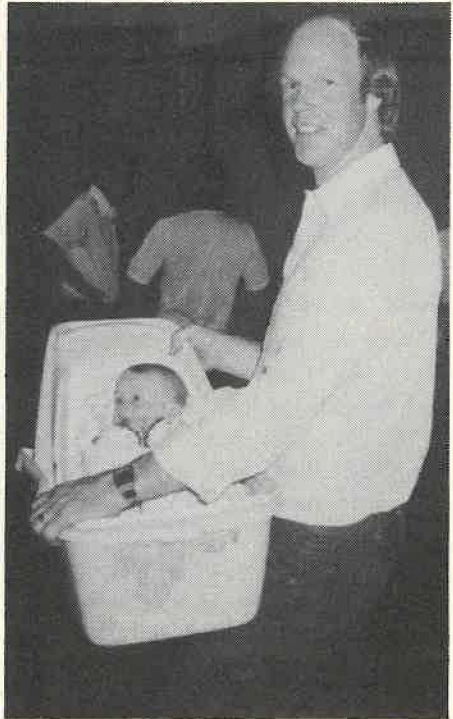
President, paid tribute to Jack Hoogstraten and made a presentation to him from the Alumni. Glenn Morris was the muscle and inspiration of the reunion and Jack Hoogstraten was its heart. Everyone wanted a visit with Jack.

Bud Christie was at the desk at the luncheon, taking tickets, selling tickets, counting heads, and as a result of this yeoman service he was appointed auditor.

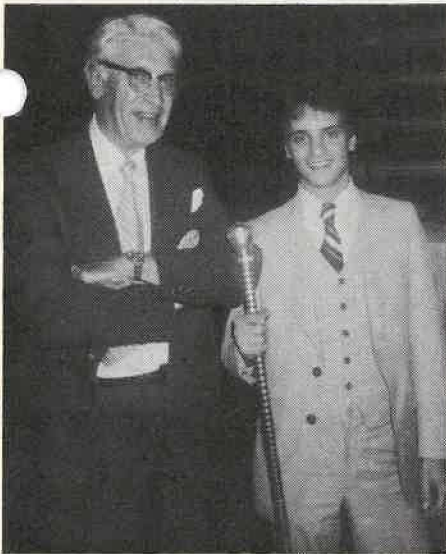
Dr., Councillor, Organizer, Chauffeur, Registration Clerk, Duplicating Machine Operator, Volleyball Player, Oasis Host, Committee Chairman, Head Table Marshall, Agenda Preparer, Miracle Chicken Man Glenn Morris once again became Master of Ceremonies at the banquet and dance. There was more visiting and some of the volleyball players were even able to dance (including Glenn Morris). People exchanged autographs



**Glenn Morris and daughter at the barbecue**



**Rob Waddell with the youngest person to attend the reunion barbecue**



**Jack Hoogstraten and current senior stick at the reunion**

and addresses. Al Burrows, who travelled from California, suggested there should be another reunion in five years.

Those who attended certainly had a memorable time. The program was well

balanced and varied. There were dozens of children on hand for the barbecue. The banquet and dance was laid out so that those who wanted to sit and visit could do so away from the music. Events such as this reunion happen rarely in any of our lives. We meet old friends, and surprisingly we make new ones. We discover in others qualities we had not seen before. We come away with something very special, with warm memories, our lives enriched. We were brought together for a little while, to share a common past, and to warm our hearts at each other's hearths. It came about because people like Glenn Morris cared enough to make it happen and because Herm Bassin came from Puerto Rico, Martin Tannenbaum

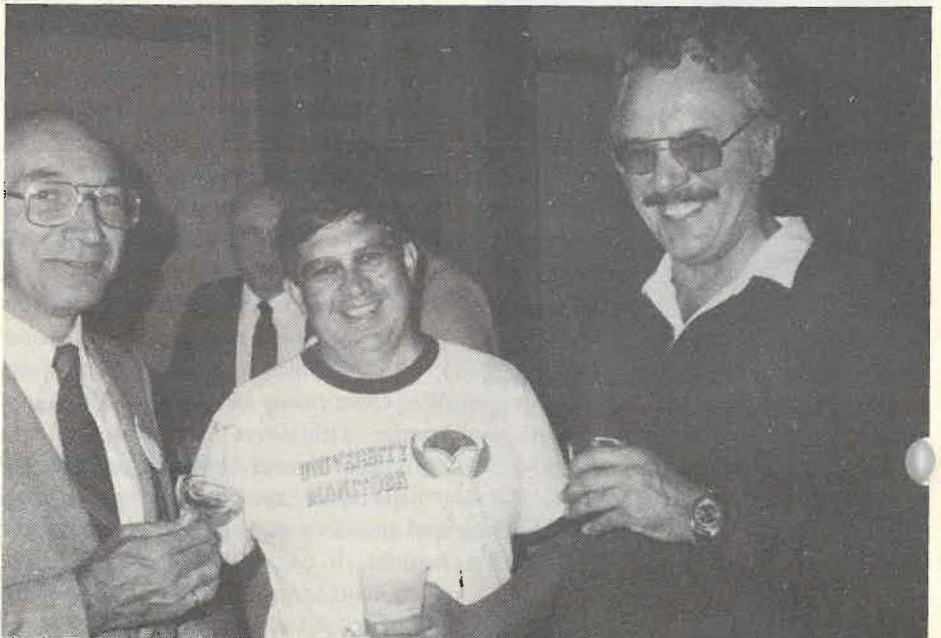
from Israel, Ron Stromberg from Vancouver, Ross Waldron from Islington, Ed Sawchuk from Deep River, Mac Price from Montreal, Kathie Gissing from Vancouver, Barry Lindler from Phoenix, Merle Brown from Ottawa, Ed Lundman from Burlington, Bill Bowman from Victoria, Al Melnick from The Pas, David Holloway (on crutches) from Vancouver, Grace and Lloyd Scott from Toronto.

We wondered if Linda and Ray McQuade, Hilda and Tom Weber, Kathy and Bob Stokes had changes of clothes in the car. They were there for everything, including the volleyball. Mr. and Mrs. Bill Hurst and Mr. and Mrs. Ben Striowski visited with us several times. Olive and Les Wardrop commuted back and forth from their farm. Mr. and Mrs. Charlie McIntyre, Prof. and Mrs. Richard Johnson, Mr. and Mrs. Doug Stephen, paid us several visits as did Barton

Rossen. Barton was so enthusiastic about the reunion we asked him to write a guest article.



President Jardine catches forty winks at the reunion dance while wife Dolores keeps watch



Grant Sims, Ed Sawchuk and Al Burrows at the reunion



Richard Johnson, Ken Jardine, Art Carlson in the A.P.E.M. Oasis



Hilda and Tom Weber at the volleyball game. Hilda is registering astonishment at some of the contortions of Ray Van Cauwenberghe, Len Domaschuk, Ed Pentland and John Shewchuk on the volleyball court

Glenn Morris was chairman of the organizing committee. His hard-working and able committee members were Art Carlson, Grant Sims, Garland Laliberte, Glenn Swift, Mahesh Chaturvedi, Ernie Bridges, Len Domaschuk, Janet Scholz,

Don Diakiw, Chris Rowan. They did a magnificent job.

The A.P.E.M. Oasis provided a haven for coffee, for visiting, for resting, for examining all the business cards on our bulletin board, for messages. Over a hundred signed the guest book. In many cases one signature represented a family. And they were many repeats. Had there been a turnstile it probably would have recorded about four hundred visits.

Members of our Executive made a big contribution to the event. Ken and Dolores Jardine, Rudy and Gail Isaak, who helped make our drop-in centre so successful, Glenn Morris who served as Faculty Committee Chairman and a member of our Executive, and Donna Morris who was supporting Glenn regardless of which hat he had on, and Vice-President Dave Cross who reminisced about the "super lunches in UMSU" and "the fun of six man football."

All who attended had their lives enriched. The visitors have gone back to their homes, the volleyball players are still rubbing linament on sore muscles, the Oasis is no more. But the enrichment, the

memories remain and those very precious moments of reminiscing, of remembering, form a special part of the mosaic of our ongoing lives. Our thanks to those who made it all possible.

## Oasis Visitors

Some reunion engineers visited our Oasis and didn't sign the guest book. Some signed the guest book and we are still trying to decipher the results. We are able to share the following names: Dolores and Ken Jardine (Our President and his wife); Loreen Dunklee (hereinafter referred to as The Fixture); Vern McGregor; Gwen and Mac Curry, Revelstoke; Elaine and Dick Johnson; Marj and Art Carlson; Cliff Brown, Queenston; Lowell Campbell; Chas. McIntyre and Mrs. McIntyre; D. K. Molard, Moose Jaw; Lloyd and Grace Scott, Toronto; Mr. and Mrs. Ben Striowski; P. J. Kelly; Russ Sharpe; Steve Stevenson, Victoria; Len Stevinson; E. A. Balchen, Edmonton; Bob Tivy, Montreal; Ross and Margaret Waldron, Islington; George Morison, Vancouver; Frank and Lily Roy, Burlington; Ed Sawchuk, Deep River; Al Greenberg; Mac Price, Montreal; Frank Hamilton, Vancouver; Ray and Brenda Cruikshank, Brandon; Heather and Al Dyregrov; Kathie Gissing, Vancouver; Hilda and Tom Weber; Mr. and Mrs. Lew Dahl; Marc and Michelle Fouillard; Barton and Sandra Rossen; Barry Linder, Phoenix; Stanley Kustra, Dauphin; Allan and Yvonne Trupp; Ed Schroeder, Toronto; Walter Saltzberg; Al Francis, Montreal; Bud Christie; Arthur Lang, Burnaby; Nigel Peter, Saskatoon; Jim Harris; Mr. and Mrs. S. J. Borgford; Ken Boyko; Merle Brown, Ottawa; Jack and Jean Dick, Anola; Dave Graham; Phyllis

and Mike Schioler; Rudy and Gail Isaak; Greg Stevens, Edmonton; O. Hawelshka; Mrs. A. E. (May) Macdonald; E. A. Grassby, Mexico; Bryan and Elsie Currie, Richmond; Glenn and Donna and Lesley Morris; Linda and Ray McQuade; Ken and Marilyn Adam; Audrey and Garland Laliberte; Ed Lundman, Burlington; Jack and Val MacAulay, Lockport; Bill Bowman, Victoria; Jack and Peg Hoogstraten; Olive and Les Wardrop, Selkirk farm; Wally and Alison Chinn, Taber; Robert Hobner, Victoria; John L. Adams; Bruce MacDonald, Islington; Paul and Pauline Shane; Lois and Grant Leslie, Glenview, Ill.; Ron Man, Beaconsfield; Mr. and Mrs. Morita, Weston; John Tucker, Agincourt; Reinhard Sprenger; A. Melnick, The Pas; I. Thomson, Fort Worth; Bob Corkal; Don Vokey, Delta, B.C.; Al Keating, Mississauga; Borys Shulakewych; Steve Korbutiak; George Dyck; John Adam; Mr. and Mrs. Doug Stephen; B. H. Wilson; Brian Johannesson, Waterloo; David Austen, In Transit; David Greatrix, Downsview; Gerry, Yvonne and John McKenzie, Regina; Al and Irene Hayman, Victoria; Ron Stromberg, Vancouver; Art and Helen Semmler, Chatham; Pete Warkentin, Brandon; Mr. and Mrs. Murray Guelph; Bob Stewart; Hilda and Tom Weber; Nick and Pat Garrioch, Brockville; Mr. and Mrs. Rob Waddell; Donald and Donna Hladun, Taber; Merv Mindess, Minneapolis; Herm Bassin, San Juan; Lionel Smith, Toronto; Al Bur-

rows, Arcata, Calif.; Keith and Liz Ebborn, Calgary; Bob Foster; Arnold Stewart, Victoria; R. L. Smith, Belleville; Mr. and Mrs. Andy Antenbring; Mark Noonan.

## THE DAY THAT THE RAIN CAME DOWN

By R. A. Kane, P. Eng.

Most golf courses are laid out in such a manner so as to ensure that at regular intervals the people wandering about are tested by such obstacles as sand traps, trees and water hazards. Generally speaking these hazards are located on the ground within the property of the course. May 31 at Elmhurst was an exception, the biggest hazard was overhead in the form of what was euphemistically called "scattered rain showers."

Undeterred by the poor weather conditions 128 members teed off starting at 10:00 A.M. in the A.P.E.M.'s annual golf tournament. Of this number 116 turned in their score cards, presumably the other 12 are: (a) victims of the weather (b) too ashamed of their performance (c) drowned (d) simply missing in action or (e) all of the above. Hopefully the group is more proficient at engineering than golf. Clearly the Sports Committee members are statistics buffs. They computed that of the 116 golfers who reported in there were 12,858 strokes counted. The most some accounting for the most were Fred Kemp, Ken Buhr, G. Knowles, and Ray Houston who totalled 521. Individually Reinhardt Sprenger took the award with a very honest 157. The pro at Elmhurst was overheard to say that Reinhardt could improve his game by taking

six months off and then giving up the game completely.

Some were not quite as enthusiastic in counting, with the low gross scores going to Kim Fries (79) and second to Don Duncan (83). Given the conditions, these are truly outstanding scores. Taking the award on the front nine was Peter Hrychuk (39) and on the home nine Gord Marshall (40). Using the wizardry of new math Bill MacKenzie had a net score of 59 with runner-up going to Dave Sharpe at 62.

Marv McKay proved to be the longest driver while Charlie McIntyre had the greatest finesse landing 2.5 metres from the cup to take closest to the hole honours.

Despite the weather, over which no one has control, the Sports Committee can take a deep bow. The day was good fun, the meal afterwards extremely good, and the facilities of Elmhurst top notch.

There is one unrecorded award. The worst jokes had to go to Glenn Morris whose foursome included Art Sparling, Art Carlson and Len Domaschuk, who followed Dave Cross and myself. At each tee box a new and worse joke was at the ready by these guys. Maybe it's timing but Glenn's were the worst, so he got the award.

As for Dave Cross and myself, it was refreshing being in the great outdoors. Unlike the A.P.E.M.'s offices, we were unable to find one "no smoking" sign on the course at Elmhurst. Even though, because of the weather, there were many back-ups on the tee boxes, no one objected to my cigarettes or Dave's pipe. It's the small things that give the simple folk pleasure.

See you again next year.

## President's Message

### Us Engineers Don't Need No Cliches

By K.M. Jardine, P.Eng.

Last fall when the Association held a dinner for the Engineering graduating class, the guest speaker was the Honourable D.L. Campbell, long-time premier of Manitoba. This spry young man in his mid 80's regaled his audience for 45 minutes, quoting extensively, never hesitating, and without any notes. His theme was the beauty and efficiency of the English language. His speech was a first class example of his theme.

I don't know how many of the young graduates responded to the theme having been fed — as so many classes before them were fed — on those tired old jokes; "Us Engineers don't need no English" and "Last year I couldn't spell Engineer — now I are one".

It is certain that those of us who have been practising in the profession understood far better than did the students, the need for a strong command of the language. We have been misunderstood, have failed to convince or to carry our point, have caused unnecessary doubt and have, in short, experienced the effects of our communication deficiencies.

I believe that Engineers have in general done well at resisting the buzz words, fad language and special jargon that have plagued other fields of endeavour. We don't need flowery statements, abstract reasoning or repetition in most of our work. What we strive for is clarity, brevity, order and directness.

Perhaps there is a need to promote specially designed Engineering English courses both for undergraduates and for

continuing education. It may be that if we, as a profession, recognize this need and promote measures for improvement, we could dispel the old ideas about language skills being good only for arts graduates and merely the butt of jokes when applied to Engineering.

If we could learn to get our ideas across to each other, to our clients and to the public with greater efficiency it, would greatly enhance the excellence of our professional performance.

## NOTICE CANCELLATION OF GREAT-WEST LIFE GROUP RRSP POLICY

The APEM has withdrawn from the Great-West Life Group Policy.

The RRSP marketplace has changed considerably since the Policy was introduced; the cancellation is a reflection of these changes. As RRSPs are now widely available with no loading charges, there is no longer the advantage in a group plan and the Association does not wish to spend the time and expense involved in the administration of a group plan.

**Current members** of the Group Policy will have already received notification of a conversion to an individual policy.

**Non-plan members** may of course participate in any individual RRSP policy.

Oulton A. Rogers, P. Eng.,  
General Manager & Registrar.

## Certificate of Engineering Achievement

A new award has been approved by Council, known as the Certificate of Engineering Achievement.

### Purpose:

The Certificate of Engineering Achievement is intended to recognize engineering excellence in, and major contributions to, the concept, design and implementation of engineering works by a member (or group of members) of the Association.

### Guidelines:

1. Awards will be made on an individual basis or on a group basis, in which case presentations may be made to key members of the group:

2. Merit for this award will be judged on one or more of:

- (a) engineering excellence, and/or
- (b) relevance and contribution to Manitoba in concept, design or implementation of engineering works. The location of the work may be outside of Manitoba.

3. Candidates shall be members or licencees of the Association of Professional Engineers of the Province of Manitoba. They need not be resident in Manitoba.

4. Names of potential recipients for review by the Awards Committee shall be solicited from members of the Association, including Council and its Committees and the members thereof.

5. Names of potential recipients will normally be in the hands of the Awards Committee Chairman by May 31st of each year.

6. Nominations for the Award will normally be made to Council by the

Awards Committee prior to July 1st of each year.

7. The Award will normally be presented at a meeting or portion of a meeting called for the purpose of presenting Awards, usually in conjunction with the Association Annual General Meeting.

## LETTER

R.A. Kane, P.Eng., Editor.

Dear Roger;

On behalf of the Organizing Committee for our 75th Anniversary Reunion, I want to thank you and all of the members of the Bulletin Committee for your support, in the form of the Reunion Edition of the Bulletin. We think that it was an excellent contribution to the Reunion and we certainly appreciate the effort that went into it.

Yours sincerely,

Glenn Morris, P. Eng.

## Blank Member

Dear Mr. Blank:

Your change of address card has been received in the Association office. Unfortunately you neglected to fill it out. We don't know who you are, nor where you have moved from, nor to. One of the girls in the office suggested we put it back into the postal system marked Return to Sender. The post mark is Canada Post, so that doesn't help much. Our address is printed on the card so we can't call in a handwriting expert.

Please send us another change of address card, giving us a few clues as to what you are really up to as soon as you figure it out yourself. Thanks.

## CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS

By R. A. Johnson, P.Eng.

The C.C.P.E. Board of Directors held its 1982 Annual General Meeting in Charlottetown, P.E.I. from May 25 - 28.

In addition to the 'business' symposium there was a major all-day symposium on Offshore Engineering, planned in advance of but clearly made even more timely by the disaster involving the Ocean Ranger. C.C.P.E.'s interest stems from the question of professional responsibilities in offshore areas where it is unclear that provincial jurisdiction over the professions, particularly Engineering, applies. Resolution of this must await, in part, the Supreme Court rulings on offshore jurisdiction and might also require a new and substantially more co-operative agreement by the Federal Government concerning registration of its professionals than has been recognized so far.

But the issues go well beyond that initial principal interest. If oil rigs are floating (and, if anchored, how?) are they ships or semi-permanent buildings? If they are to be treated like ships then there are internationally-accepted (but not used by all countries) certifying agencies such as the American Bureau of Ships and a special section of Lloyds that government agencies such as the Canadian Coast Guard use for evaluation of designs in addition to whatever professional jurisdiction is applicable in overseeing their construction. If they are not "ships", is there some additional (provincial) professional responsibility for their fabrication or erection?

Clearly, the certifying of ships or other floating structures will continue to be a very specialized field in which no one country, let alone a provincial jurisdiction, can be fully effective. But the role of the Professional Associations remains to be clarified.

The following items from the business meetings may be of interest to members in Manitoba: the Board

- endorsed a balanced, thoughtful and practical statement on the state of Engineering Education across Canada made by President Perron at the recent conference on the subject in Saskatoon earlier in May. Its recommendations are responsible and feasible.
- approved a Classification Rating Guide for use across Canada. Art Round was an active participant on the national Committee that recommended the Guide. It is very similar to the one we use in Manitoba.
- was advised of new clear definitions of confidentiality of Canadian Accreditation Board documents and activities and approved some modifications in the Board's Terms of Reference and Criteria.
- received and approved in principle the proposed budget for 1983, one bottom line of which would raise the full-member's dues to \$6.50 from \$5.90.

— discussed the use of confirmatory examinations for those applicants who have not completed accredited academic programs and of professional examinations for all applicants and, possibly, transfers.

This meeting marked the end of my term as Manitoba's Director on the Board. By dint of circumstance, I have served for a longer term than others from Manitoba and have appreciated the opportunity to do so. It is surely clear to any who have heard me at Annual Meetings that I am a strong supporter of

C.C.P.E. No province, large or small, can go it alone in pursuing the wide range of responsibilities thrust upon it by its Act. The C.C.P.E., like Canada itself, is a mixture of large (four constituents represent 80% of the membership) and small (the small, I have observed, are the 'gluons' that tend to keep C.C.P.E. together) and all must practise a good deal of give-and-take to make the whole work. We all need to remind ourselves of that fact.

Many thanks for your trust over the past two years.

## How Times Change

Some members of the Class of 1943 (E.E.) were once again staying in the Men's Residence. But they were a changed group. Instead of sneaking back into residence at 3 a.m., they were voluntarily trotting off for the night long before the witching hour. Jack Hoogstraten well remembered these problem chil-

dren from the days when Jack was Dean of the men's residence. There was some discussion about the night the fire hoses were brought out, as well as various other capers. "They certainly are a changed group," Jack Hoogstraten noted, as he laughed over some of the hi-jinks of forty years ago.



George Morison, Ross Waldron and Bob Tivy at the reunion.

## LYNN LAKE – LEAF RAPIDS

By: D. S. Taylor, P. Eng.

Well, it always seems to happen, the engineers keep on moving. This time your Lynn Lake – Leaf Rapids reporter has moved west and is now residing in Hinton, Alberta. So this will be my last report on Northern Manitoba.

The base metal mining industry in Manitoba is facing it's bleakest time in 50 years. Sherritt Gordon Mines along with Hudson Bay Mining and Smelting are shutting down from 5 to 7 weeks this summer due to poor metal prices and sales. Strikes at Inco in Sudbury and Canadian Copper Refineries in Montreal have shut down the production of all refined copper in Canada. This is about one-third of the world's copper production; and what has happened to world copper prices? At the beginning of May copper was 72 cents U.S. and in mid-June was 54 cents U.S. So much for increased prices due to Canadian shut-downs. The industry is in very serious trouble as most operations need at least 80 cents U.S. to break even. There may be continued holidays when the mining operations are scheduled to start up in the first two weeks of August. Hopefully the metals market will improve in late summer and the mines will start up as scheduled.

As for changes in engineers in the north, Moe Sing, P. Eng. has moved from the Ruttan Mill to become the Research Supervisor at the Fox Mill, Don Taylor, P. Eng., has left Sherritt Gordon mines and moved as process plant superintendent to Gregg River Resources in Hinton, Alberta.

I would like to thank the executive of the A.P.E.M. and the Bulletin Committee for their work dedicated to the practice of Engineering as carried out in the Province of Manitoba.

Wishing you all the best, and have a happy summer.

P.S. I am writing from our dining room table and the view of the mountains in the evenings is spectacular here in Hinton.

Don

### Ray McQuade Distinguished Service

The University of Manitoba has presented its first distinguished service awards to four people, one of whom was W. R. McQuade, P. Eng. The University honoured Mr. McQuade for his outstanding contribution both to the University of Manitoba and to the Province of Manitoba. When he received this Association's Merit Award at our last annual meeting it was noted in the citation that he brought reflected honour and prestige to this Association. When he received the University of Manitoba Distinguished Service Medal at the Spring Convocation, Ray McQuade had done it again.

## ENGINEERS SQUARE? — LET'S HOPE!

The comment was overheard at a recent council meeting that, generally speaking, Engineers are square. A rather shocked and rapid rebuttal was fired back (quote "You're right.")

This disturbing sentiment kicked the grey matter into gear and began a willy-nilly mental meandering toward the true meaning and relevance of this all-inclusive statement.

At first, there was a great reluctance to even consider this idea, but then the enquiring mind took over in search of a definitive answer — Is it really possible that there may be some hint of a shadow of some truth to this rumour?

Searching back into the basic training of each Engineer, it is obvious that we have all been groomed for squarehood-dom (or is it squaredomhood?) right from day one with a constant bombardment of T-squares and square roots.

As the years went by, many hours were spent with our square-dealing professors, many square meals had been consumed at U.M.S.U. and the square root problems had been replaced with square wave and root mean square problems.

At the end of it all, each graduate stood square shouldered before the Dean who looked us square in the eye, passed over our sheepskins and sent us out to brave the cold and cruel world, each prepared to give a square deal in exchange for a square meal.

After two years of training under a square-shouldered mentor, the Association presents the Engineer with a square seal and each subsequent year, upon squaring up of accounts, forwards a

square, dated, sticky thing which is stuck squarely on the Engineer's almost square certificate.

It is no wonder Engineers are thought to be square, considering the upbringing, training and treatment they receive in the course of their well-rounded lives.

A dictionary falls to hand and the following extraction presents itself; "SQUARE (SKWÂR), n., a person who is ignorant of, or uninterested in, current fads, ideas, manners, tastes, etc." If this definition is true, then being square is the saving grace of the Engineer. My experience with Engineers has shown them to be forward-looking, innovative people with very little interest in what everyone else is doing or has done. And it is probably true that this is the very attitude which should be fostered in all Engineers to maintain the vital and dynamic role Engineers play in our society.

Let's hope that these squares keep on being square because things would not be as they are if they were not around.

Squarely submitted,

Joe Lucas, P. Eng. (Alias Mr. Spot Grit)

### Fellows Elected

The Canadian Society for Civil Engineering has introduced the distinction of Fellow of the CSCE (FCSCE). At the annual meeting the following members of the A.P.E.M. were among the first members of the Society to be elected as Fellows: R. Hood, G. A. Morris and D. L. T. Oakes.

## Richard Johnson

At the annual meeting in 1976 our Outstanding Service Award was presented to Richard A. Johnson. He became registered in 1955 and was immediately appointed to the Board of Examiners. He served on the Board for six years, two years as chairman. For three years he was a member of the Advisory Committee on the Code of Ethics, and for two years he served on the Legislation Committee. He was elected to Council in 1976, was vice-president in 1978 and president in 1979.

In addition to his Association work, Dick Johnson has made a substantial contribution to the affairs of the Canadian Council of Professional Engineers. He served as chairman of the Committee on Acceptable Canadian Engineering Curricula from 1960 to 1962 and was a member of the Canadian Accreditation Board from 1964 to 1967.

He was this Association's director to C.C.P.E. for two years, during which time he also served on various C.C.P.E. committees. Richard Johnson is capable, fair, wise, diligent, thorough, in all his endeavours. This Association has benefitted enormously from these qualities of Richard Johnson's and C.C.P.E. reaped equal benefits. A.P.E.M. staff and observers could be justifiably proud of Richard's performance at the C.C.P.E. Directors meetings and beyond. When Richard Johnson is representing the A.P.E.M. we have our best foot forward, and we are going first class on all counts — performance, facility of language, courtesy, empathy, social graces. He was sometimes accompanied by his wife, Elaine, an added dimension of good humour and charm. The Association owes both Richard and Elaine Johnson a sincere expres-

sion of gratitude for the exemplary manner in which they represented this Association on the national scene.

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The University of Manitoba recently honoured 22 staff members "for their contributions to the community at large and their efforts to increase contacts between the university and the general public." Those selected for the award received silver "outreach" pins from the Chancellor and the President. Richard Johnson was one of the recipients, recognized "for his excellent service as senior university officer of the Inter-Universities North Program during 1981/82 and for his skillful and sensitive service as president of the Association of Professional Engineers of Manitoba during a period of intense interaction between the university and the engineering community in Manitoba and Canada." Once again Richard Johnson has brought laurels to this Association by virtue of his performance.

# ANNUAL MEETING

Holiday Inn

Friday, October 15th

1982