



# The Manitoba Professional Engineer

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NO. 4

## The 37th Annual General Meeting

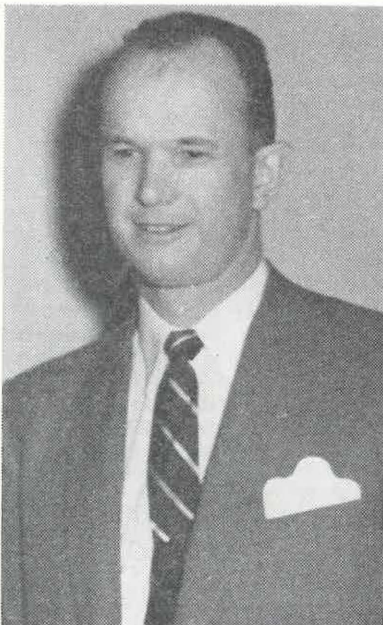
By C. R. YOUNG, P. Eng.

The 37th Annual General Meeting of the Association of Professional Engineers of the Province of Manitoba was held Thursday, 17 January, 1957, at the Marlborough Hotel, Winnipeg, Manitoba.

Refreshments served in the banquet hall provided a gusset between the afternoon and evening sessions. Members rubbed shoulders with old and new acquaintances. Many verbal bridges were constructed in a relaxed atmosphere. Immediately prior to an enjoyable meal our 1956 President, Professor Hoogstraten, demonstrated true TV talent in a televised interview where he replied to queries on the purpose of engineering associations, engineering achievements, and the shortages of Professional Engineers.

Following dinner the members were privileged to hear Professor A. S. R. Tweedie of the Faculty of Adult Education and Extension of the University of Manitoba discuss the ominous problem of obtaining suitable university facilities to meet student enrolment. He covered lighter subjects such as the hydraulic apologue of Engineers consuming forty beers but dwelt mainly on the theme that no single panacea existed today for the university's shortage of qualified staff and faculties. The financial barriers to a proper national education were well established in the minds of those present.

The Consulting Engineers' report presented by George C. Davis outlined the following studies:



M. N. COLLISON, P. Eng., of Flin Flon, who attended the Annual Meeting of the Association



A scene of much activity at the Annual Meeting.

- The discouragement of free Engineering Services which were not considered to be in the best interest of the public.
- A standard form of agreement for use by all Consulting Engineers and their clients.
- Funds be provided by council to support a public relations service through releases to public news channels.

Gordon Christie presented the Annual report of the Engineering Bulletin. Reporters attending the meeting from out of town were Mac Collision of Flin Flon and Roy Towler of Pine Falls. Each reporter spoke briefly of his participation in support of the Bulletin.

President Hoogstraten's address optimistically covered future Professional Engineering opportunities. He also spoke of shortages and how the Manitoba Association was supporting the policies established at the St. Andrews Meeting. He outlined the successful social activities of 1956 and spoke highly of the work accomplished by sub-committees during his term of office. In particular he acknowledged the good fortune of the Association in obtaining a proficient, permanent member of the Association staff in Mrs. L. Dunklee.

Mr. Ross of the Advisory Committee reported on a study on the current and anticipated Engineering shortage. The findings were quite in line with those previously covered by Professors Tweedie and President Hoogstraten. The following resolution was recommended to council for study:

Whereas the University of Manitoba graduates more than sufficient engineers to fill provincial requirements, nevertheless there is a shortage of engineers in Manitoba which will seriously retard the economic development of the Province and will impair the maintenance of essential public services.

Therefore be it resolved: that the following

steps be taken to retain engineers in the province:

Firstly to make the field of engineering more attractive professionally and financially by implementing the recommended minimum salary schedule of the Associations and Corporation of Professional Engineers of Canada.

Secondly, to encourage employers of engineers to provide a program of diversified training for professional development:

Thirdly, to press for the application of these principles to the staff of the University in order to develop and improve educational standards.

Fourthly, to provide assistance to suitable students with the object of ensuring that those qualified are not barred from a professional education by a lack of finances.

Mr. N. S. Bubbis suggested that university evening classes could answer a need for continued training of graduate Engineers.

Considerable discussion took place on the present method of investigating members who sought membership in the Association.

The handing-over ceremony of the out-going President, Professor Hoogstraten, to the incoming President, Mr. N. S. Bubbis, was conducted by our permanent registrar, Mr. C. Landon. Mr. Landon outlined a brief history of the gavel which is a buffalo horn mounted in silver. The gavel was presented to the Association by Mr. W. M. Scott who was President of the Provincial Council prior to the first elected body in 1920.

On taking over the Presidency for 1957, Mr. Bubbis noted that all Members of Council who stood were re-elected. This was interpreted as a real mark of achievement.

Council members for 1957 are N. S. Bubbis, L. A. Bateman, C. S. Landon, J. Hoogstraten, R. N. Sharpe, J. B. Striowski and W. L. Wardrop.

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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.

## Among the Oldsters

By G. E. COLE, P. Eng.

Looking over the gathering at the 1957 Annual Meeting of the Association one could see some members each of whom appeared to be saying:

"Though I look old, I am strong and lusty." They were of that group who had joined the Association in the 1920's.

The group included J. W. Baldock, J. H. Battershill, W. W. Dines, Professor N. M. Hall, O.B.E.; C. S. Landon, J. W. Porter, Wm. Walkden and H. M. White, whose membership dated back to 1920, and Major J. L. Charles, D.S.O.; E. W. M. James and D. L. McLean of 1921, and Dean A. E. Macdonald of 1924.

To cite the services that these members gave to the Association in its formative years will be of interest at this time. D. L. McLean was a member of Council from 1925 to 1928 and was president in the year 1926. H. M. White was on Council from 1931 to 1934 and was president in 1934. J. W. Battershill was a member of Council from 1943 to 1946, was vice-president in 1944-45 and president in 1946. Major J. L. Charles was a member of Council from 1951 to 1954 and was president in 1953. Professor Hall and J. W. Porter were members of Council in the years 1924 and 1925.

In the lists two names are deserving of special commendation. E. W. M. James was on Council from 1928 to 1935 and was secretary-treasurer and registrar in the years from 1928 to 1933. Possessed of a remarkable memory, apart from his being a delver into the mysteries of mathematics, "Jimmy" can recall to this day many members of the Association by their Christian names, be they single or tripartite like his own.

And there is C. S. Landon, plain "Charlie" to all and sundry. In modern parlance it is customary to refer to such people as C.S.L. in the more stately affectation of "Mr. A.P.E.M." — a person explicit (in) many mysteries — but this would be unfair to his predecessor in office who had but three initials to his name.

"Charlie" Landon has been on Council from 1934 to the present. One of England's great poet Laureates had a way of saying things at once apt and brief. He could have just as well written of C.S.L.'s term of office in the words, "Councils may come and Councils may go, But I go on forever."

A master of the many details in the work of the Association we owe much to men of C.S.L.'s ilk.

And mindful that the 1957 gathering of the engineering clans was the largest in the Association's history some of us who look old could say

"... our age is a lusty winter,  
Frosty, but kindly."

and add that we did miss having with us two oldsters of the vintage of 1920. Reference should be made to the absence of P. Burke-Gaffney and A. J. S. Taunton who, at many meetings in the past, were wont to add unusual zest to the debates. "Pat" B-G was on the Association's first elected Council and served for two years, 1920-21, and again in 1924-25, when he added the office of secretary-treasurer

and registrar to his duties. "Pat" was again on Council in 1937-38 and served as president in 1937.

His friend in controversy, "John" Taunton, served on Council in the years 1923-24, being president in the latter year. And while we are talking of past presidents it may be said out loud that "Harry" White who was present at the 1957 Annual Meeting did not have a word to say, thus depriving the younger members the treat of a critical analysis of the Association's financial statement. "Harry" in his days at the University of Toronto had a magna cum laude pinned on his parchment signifying that he was qualified to perform in the role of a critic especially when arithmetic was concerned.

However, the youngsters in the presence of the oldsters acquitted themselves with honour. The oldsters went away from the 1957 Annual Meeting seized with the feeling that the Association's affairs will continue to be capably carried on. The Annual Meeting of 1957 will be something to remember.

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## UNIVERSITY NOTES

By R. DIAMOND

The Engineering Power Prom was held at the Royal Alexandra Hotel on February 8. High-powered campaigning was featured in this year's election which resulted in the election of Don Kasianchuk as Senior Stick and Frank Metcalfe as Athletic President. The Grads' Farewell was held on March 14 at the Royal Alexandra Hotel. The Kotchepaw trophy, which is given to the faculty with the highest number of accumulated points for athletics was won this year by the Engineering Faculty.

The engineering building featured an open house to commemorate the 50th anniversary of the faculty. The new Fetherstonhaugh High Voltage Laboratory was officially opened that evening and it is estimated that over 1000 people attended the function.

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## INCOME TAX NOW PERMITS DEDUCTION OF PROFESSIONAL FEES

As a result of representations made by Dominion Council and other professional bodies, the Minister of Finance has announced the following amendment to the Income Tax Act:

"That for 1956 and subsequent taxation years, in computing income from an office or employment a taxpayer be allowed to deduct annual professional membership dues the payment of which was necessary to maintain a professional status recognized by statute, even although he is not required to maintain that professional status by his contract of employment."

This should now make it possible for association dues to be deducted when filing income tax.

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## SNOW LAKE

The few professional engineers in the Snow Lake District were further depleted by the transfer of K. J. Kutz to a mining company in Idaho, U.S.A. C. S. Crocker, P. Eng., succeeded Mr. Kutz as Mine Superintendent of the Snow Lake Division of the Britannia Mining & Smelting Co. Ltd.

## A Message from The President

The thirty-seventh meeting on January 17th was an auspicious start to our 1957 activities. The form of the meeting was a departure from that of recent years in that it commenced with an afternoon session, followed by a reception, a dinner and the completion of the business meeting in the evening. The fact that some 100 members attended the afternoon session and that some 200 were at the dinner, as well as the discussions, testifies to the interest which our members are showing in Association affairs.

In this regard I might repeat the statement which I made in acknowledging the honor done me in being elected President of the Association. "I feel and I believe that the others would agree with me, that the fact that all four members of Council who stood for re-election were re-elected is indicative not only of their personal qualifications but is also an endorsement of the policies and activities undertaken by Council in the last two years."

Council is definitely proceeding on this basis. You will note elsewhere in this issue that the various standing committees have been re-appointed and are actively proceeding with their assignments. Three additional committees have also been set up, the Professional Practice and Ethics Committee, a Plan for Unity Committee and an Engineering Technicians Committee.

Professional Practice and Ethics Committee will be a standing committee which will enable Council to see that certain provisions of our Act can be properly enforced when necessary. The other two committees have been assigned the specific task of studying and advising Council on two special and very important problems which will be dealt with by Dominion Council at their annual meeting in May. While these committees are composed of prominent engineers, who are exceedingly busy, they are meeting frequently to study their particular problems intensively in order that the Manitoba delegates may be able to make an intelligent contribution.

The annual dance, attended by over 300, was the largest ever and certainly was a most successful social event. The Social Committee is certainly to be congratulated.

Our Association has certainly made considerable progress. The increase in both membership and activities has given rise to certain problems which can only be solved by an increased membership and possibly an increase in dues. Securing an increase in membership is not only a task for the Membership Committee and for the office. It is incumbent on every Association member to assist in seeing to it that every eligible professional engineer in this Province becomes a member of the Association and I feel sure that everyone will be pleased to assist.

One interesting feature of the annual meeting was the fact that we had out-of-town engineers from Flin Flon and Pine Falls present. The few remarks made by these members were very well received and I feel sure that this is an augury of things to come since it indicates that with the development of industry through the Province, more and more of our members will be located away from Greater Winnipeg and that the Association will have to take this into consideration when making future plans.

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## BRANDON

W. K. Roots, P. Eng., Managing Director of C. T. Electrical Controls Limited reports that in December, 1956, C. T. Electrical Controls Limited opened a field office in St. Petersburg, Florida.



THE ANNUAL "DANCE"

## Professor Jack Hoogstraten Leaving Province

*Accepts Presidency of Nova Scotia Technical College*

By W. A. DEXTER, P. Eng.

We were sorry to learn that Jack Hoogstraten will be leaving Manitoba in May to assume his new position as President of Nova Scotia Technical College.

Manitoba's loss will certainly be Nova Scotia's gain, as Jack Hoogstraten has been one of the finest and most capable Professional Engineers in Manitoba. Although sorry to see Jack go, we are certainly pleased about his new appointment.

Jack Hoogstraten's outstanding work for the Association is well known and appreciated by all members. He served as President of the Association for two years from 1955 to 1957. During this period the membership increased from 544 to 835, a remarkable achievement in itself. In addition the Association obtained well-equipped offices in the Avenue Building and engaged a permanent secretary. In the fall of 1956 the Association began publication of its own newspaper and a great deal of credit for its initiation goes to Jack Hoogstraten.

We asked Jack for his opinions with regard to the future work of the Association.

He feels that the greatest problem to be faced is the shortage of technically trained personnel and that it is a responsibility of the Association to participate in steps to alleviate this situation. A recent development is the proposal to train "engineering technicians". These men, rather than taking the full four years engineering course, would receive intensive training in a narrow range or phase of a particular engineering field for a much shorter period. Jack Hoogstraten supports this proposal and feels that the Engineering Associations will have to take the lead in establishing curriculums and controls since only Professional Engineers will know the training required.

Jack is a native of this province and graduated from the University of Manitoba in 1929. He was a lecturer and demonstrator in the Faculty of Engineering from 1930 to 1933. He attended the first class of the School of Education at the University of Manitoba and received his Bachelor degree in 1934. In 1930 Jack won second prize for a bridge design in a competition of the American Institute of Steel Construction.

Jack taught Physics and Mathematics at Brandon Collegiate in 1934 and 1935 and returned to the University of Manitoba as a

lecturer in 1936. He is now a full professor in the faculty of engineering. Jack received his Master's degree from the University of Michigan in 1940.

With Jack Hoogstraten leaving, the greatest loss will be experienced at the University where he is admired and respected by both students and faculty. It was through Jack's efforts that the engineering curriculum was revised to include Arts courses and thus broadened the engineers' training. Although a very busy man Jack served as President of the Academic Staff at the University in 1953. He was also chairman of the Alumni Fund Committee of the Alumni Association.

Speaking of his future work Jack says he will miss his many friends but feels that "Education is really big business and I'm looking forward to taking a bigger part in it".

Canada and the engineering profession are indeed fortunate to have a man of Jack Hoogstraten's calibre guiding the education of our technical men.

The entire membership will want to sincerely thank Jack for his contribution to the Association's progress, congratulate him on his new appointment, and wish him and his family success and happiness in their future endeavours.

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### FLIN FLON

By M. N. COLLISON, P. ENG.

G. H. Dash, P. Eng., formerly of Hudson Bay Mining and Smelting Company's research department, is now located at Island Falls, Saskatchewan, where he is working with Churchill River Power Company Limited.

M. A. Roche, P. Eng., and A. L. Parres, P. Eng., were among the guests attending the Flin Flon Chamber of Commerce sponsored "Northern Night." This friendly get-together covers the northern area from The Pas, Snow Lake, Lynn Lake and Flin Flon with a once-a-year gathering affording ample opportunity to "shoot the breeze." Among the guests usually attending, but absent this year, was D. M. Stephens, P. Eng., so you see this affair is well represented.

It has also come to your reporter's attention that L. G. Guglielmin, P. Eng., who was one of the volunteer laborers who worked on a new church here in town, had to stand during the opening services recently. We understand he was quite put out but it seems one must arrive on time, or early, to be sure of getting a seat.

M. A. Roche, P. Eng., is now Assistant to the Vice-President of Hudson Bay Mining and Smelting Co. Limited (since last November).

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### LYNN LAKE

By ANGUS G. MACKENZIE, P. Eng.,

All Professional Engineers in the Lynn Lake area are curling this season. If we could have all practising engineers in this area registered with the Association we would be in a position to place several good rocks next season. With such experienced Skips as Doc Gallie and Ralph Mitchell, we could provide some senior competition.

Angus Mackenzie, P. Eng., moved into his new home at Lynn Lake just before Christmas. Mac was also elected President of the Lynn Lake Branch of the Canadian Legion for the current year.

Doc Gallie has finally succumbed to the 35 m.m. camera fans and has invested in a very nice outfit. Others in Lynn Lake interested in 35 m.m. work are Al Gregory and Angus Mackenzie. Maybe we could drum up an annual exhibit for Professional Engineers in the province, similar to that held annually in Quebec — after all, Engineers *do* exhibit their paintings. Any one interested?

## Letters to the Editor

Dear Sir:

### Subject: Hospital and Medical Insurance

It occurs to me that there must be many members of the Association who, because they are self employed or are employed in only a small office, are not eligible for group membership in the Manitoba Medical Service or the Blue Cross.

Such people, if they wish to have medical insurance, must subscribe as individuals, at considerably higher rates than those which are available to a group. I wonder if it would be possible to form such a group within the Association. Other interested members might respond to this letter as an indication of the level of interest.

Yours very truly,

W.H.D., P. Eng.

### CONSULTING ENGINEERS' MEETING

"The Association of Consulting Engineers of Canada is holding the second phase of its annual meeting at Banff on June 13th next at 2:30 p.m. which time and place is coincident with the Annual Convention of E.I.C. It is thought that all Consulting Engineers of Western Canada should be interested in this Conference as it is the first meeting of the Association to be held west of Toronto.

Further information may be obtained by calling the office of the Association—93-6745, but in any event, if you propose to attend this meeting, R. A. McLellan, 402 Grain Building, Saskatoon, Sask., should know on or before 15th of May, 1957."

### WINNIPEG

G. C. Cartwright, P. Eng., has joined the staff of Bepco Canada Limited in the capacity of Sales Engineer.

Angus A. Laughlin, P. Eng., has joined the firm of Haddin, Davis & Brown Limited as Consulting Engineer.

W. L. Garvin, P. Eng., is now associated with the Winnipeg Office of the firm Haddin, Davis & Brown Limited. Mr. Garvin will be specializing in the design of heating, air-conditioning, refrigeration and electrical distribution systems.

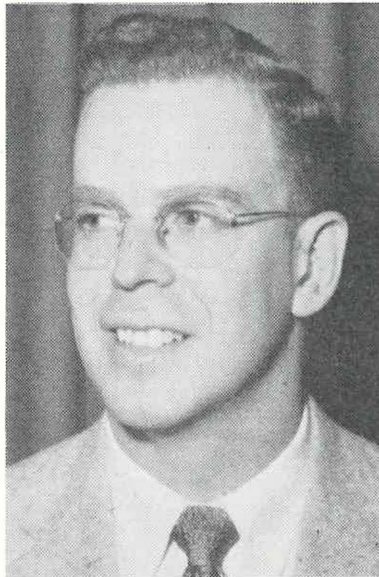
J. Scotten, P. Eng., has recently been promoted to Winnipeg district manager of the Canadian Allis Chalmers Company.

Mr. and Mrs. W. A. Dexter have returned to Winnipeg from a three-week vacation at Daytona Beach, Florida.

### NEW MEMBERS

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

A. J. Carlson	W. A. R. Johnston
M. Lasko	A. C. Livingston
W. J. Spain	Q. E. McNaught
F. M. Fowler	W. B. Mackenzie
T. N. Carter	F. S. Maconachie
S. C. Irving	A. G. Mensforth
H. R. Akehurst	J. C. Parlee
J. T. Atchison	A. T. Robertson
R. M. Bailey	G. A. Stone
A. C. Blue	J. L. Widdis
S. B. Carroll	J. F. Church
A. B. Cockshott	C. Vogel
E. H. DeJarnette	N. J. Campbell
A. Dubnie	H. A. Cann
A. F. Ford	J. E. Gold
G. T. Forsyth	H. N. Hill
K. A. Hand	F. F. Todd
J. E. Hudson	D. W. B. Wright
W. N. Isberg	A. E. Foster
P. Kawulka	R. M. Hearst
M. R. Keys	P. A. Benn
R. W. Kelly	G. R. Johnson
R. F. Linklater	



G. A. TOUGH, P. Eng.  
Photographer for the Manitoba  
Professional Engineer

### VISITORS TO COUNCIL

On March 18, Council was fortunate in having Mr. John M. Fox, P. Eng., President of the Ontario Association, as well as Mr. P. M. Weis, P. Eng., of Calgary, as visitors. Council took advantage of Mr. Fox's presence in discussing a number of problems with him.

### ENGINEERING PUPILS

Walter Saltzberg has been enrolled as an engineering pupil.

### TRANSFERS TO OTHER ASSOCIATIONS

A. R. Underhill, Alberta  
T. J. Halme, Ontario  
G. R. Durnin, Ontario  
J. D. Anderson, Quebec  
A. H. Sunley, Alberta  
R. A. Gyles, Saskatchewan  
J. S. Anderson, Saskatchewan

### TRANSFERS

The following have been admitted to membership by transfer:

H. D. Berry (Alberta)  
M. Block (Saskatchewan)  
R. F. P. Bowman (B.C.)  
K. A. Truman (Alberta)  
R. C. Wharton (Alberta)  
W. T. Van Deventer (Alberta)  
E. E. Robinson (Quebec)

### LICENCES

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

H. A. Milne, B.C.	R. A. Pillman, Ont.
D. L. Angus, Ont.	J. H. Ross, Ont.
P. J. Norris,	G. E. Crippen, B.C.
Inst. C. E. Britain	C. N. Simpson, Ont.
D. C. Coode, Ont.	E. B. A. Lemaistre, Ont.
G. J. Toman, U.S.A.	S. G. Wolszakiewicz,
K. F. Tupper, Ont.	Ont.
N. J. Allison, Alta.	G. M. Beaumont, Ont.
R. G. Brown, Sask.	E. O. Chisholm, Ont.
P. A. Benn, Que.	R. Rich, B.C.
W. P. London, Ont.	R. A. Crysler, Ont.
R. A. H. Hayes, Ont.	R. M. Dillon, Ont.
R. D. Parker, Ont.	J. L. Mitchell, Ont.
H. L. S. Guille, Alta.	F. E. Drake, N.Y.
K. R. Rybka, Ont.	K. A. Oakley, Sask.
R. E. Squire, Alta.	J. H. Nicholls, Sask.
K. W. Bash, Ont.	O. D. Maurice, Que.

### ENGINEERS IN TRAINING

The following have been enrolled as engineers in training:

J. N. Riddle  
O. E. Deslaurier  
A. Priestly  
L. R. McGinnis

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### GUESTS

The following members have visited the office and signed the Guest Book:

W. L. Garvin	E. J. Hebert
N. W. Diakiw	W. R. C. Taylor
T. H. Kirby	E. W. M. James
V. A. McGregor	W. W. Dines
O. Marantz	J. D. Ruttan
H. A. Mackay	C. P. Haltalin
(Selkirk)	J. A. Flatt
H. B. McLenaghan	M. A. Gange
L. A. Bateman	G. H. Herriot
G. A. Tough	E. Lundman
G. C. Davis	H. E. Neufeldt
S. Hayden	A. R. West
J. Marowitch	W. J. Perdue
W. J. Ayres	J. W. Baldock
W. C. Fingland	W. A. Corbett
(Montreal)	H. Willms
J. Hoogstraten	W. G. Dyer
H. N. Gawley	R. O. Jonasson
R. E. Chant	U. Raabe
L. A. O'Morrow	J. W. Yellowlees
(Brandon)	A. Koropatnick
A. H. Corbett	M. Block
(Swan River)	R. G. Nizalick
K. N. Bayne	Dick Galbraith

## Congratulations

To Mr. and Mrs. C. L. Fisher on the birth of their daughter Elizabeth Maria.

To Mr. and Mrs. G. W. Patterson on the birth of their son, Thomas William.

To Mr. and Mrs. C. E. Pontifex on the birth of their daughter, Heather Anne.

To Mr. and Mrs. D. G. Riecken on the birth of their son, Jon Douglas.

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### COMMITTEES FOR 1957

#### Public Relations Committee

R. H. Russell (Chairman); A. G. Courtney; W. Shane; R. C. Sommerville; W. Hutchinson; A. A. Park; W. Nesplak; G. R. Reshaur; K. R. Ebbert.

#### Engineering Technicians Committee

J. Ogden (Chairman); B. Chappell; B. W. Torrell; T. E. Weber; D. C. Brydon; D. E. Costantini; A. Penman.

#### Plan for Unity Committee

A. M. Tallman (Chairman); R. T. Harland; G. A. Muir; J. Hoogstraten; L. A. Bateman.

#### Advisory Committee

R. H. Walker (Chairman); A. H. Pask (Secretary); D. S. G. Ross; W. Abell; G. E. Cole; A. M. Tallman.

#### Bulletin Committee

G. T. Christie (Chairman); W. H. Dickins; E. M. Scott; C. R. Young.

#### Membership Committee

R. S. Williams (Chairman); J. D. Adam (Secretary); A. F. McLaughlin; W. H. Watt; H. M. White; M. G. Smerchanski; M. W. Howe.

#### Consulting Engineers Committee

G. C. Davis (Chairman); T. A. Crosier (Secretary); W. J. Adams; F. L. Van Allen; W. A. Dexter; S. Hayden; J. Sumner; C. H. Templeton.

#### Board of Examiners

O. Marantz (Chairman); S. J. Borgford (Secretary); A. Baracos; E. S. Magill; W. F. Riddell; R. A. Johnson; H. MacDiarmid; E. Bridges; R. E. Chant; W. A. Nelson; N. M. Hall; G. A. Russell; F. Shepherd.