



Established 1887
Semi-weekly Journal of the University of New Brunswick
Member of the Canadian University Press
Office: Memorial Student Centre, U.N.B. Campus. Phone 8424
Subscription \$2.50 per year
Opinions expressed not necessarily those of the Students' Representative Council
Honorary Editor in Chief: Rt. Hon. Lord Beaverbrook
Faculty Advisor: Albert Tunis

Editor-in-chief J. BARRY TOOLE
Business Manager TED CORBIERE
Assistant Business Manager SHIRLEY MacPHEE, DICK STEEVES
Circulation Manager MARJORIE MILLICAN
STAFF THIS ISSUE
Editor BARRY W. RITCEY
Assistant Editor GENE MOTLUK
Feature Writers BARRY MOFFATT, EDWARD STEPHENSON,
DON McLEAN
Reporter FRED DIAMOND
Typing SHEILA CAUGHEY

VOL. 89 FREDERICTON, N.B. FEBRUARY 15, 1957

Dean E. O. Turner

Dean E. O. Turner was born at Harvard Mass. where he received his public and high school training. In 1910 he entered the world famous M.I.T. where he gained his degree in Civil Engineering. After graduation he held positions with Boston-Maine Railway, The Public Service Commission of New York and the Mass. Highway Commission. The first world war intervened and he entered the U.S. Army Airforce as Second Lieutenant in 1917.

Dean Turner first came to New Brunswick and U.N.B. in 1919, when he assumed duties as head of the Civil Engineering Department. He was granted the degree of honorary Doctor of Science in 1940 and became Dean of all Engineering in 1945.

The activities of our Dean have been bright and varied. He has served as Vice-President of the E.I.C., President of the Association of Professional Engineers for New Brunswick, Member of the American Society of Engineering Education, Members of the Newcomen Society of North America and President of the Royal Canadian Golf Association. To add to all these interests Dean Turner has been consultant for several large Montreal firms.

After thirty-eight years at U.N.B. our Dean is retiring. His term is the second longest in the history of education at U.N.B., however his contribution and inspiration to Engineering on this campus will always rank as a first. The faculty and students will long remember his work at U.N.B.

We the engineers wish to thank our Dean for his untiring interest in our welfare and we join in wishing him fond farewells and a happy future. B.W.R.

Looking Ahead . . .

This year there is a famine of Engineering Graduates. Our campus is besieged with employers with a thirst for our services and we tend to have an exalted opinion of our skill and ability. This is a good situation for all Engineers. It boosts our profession and speaks well for the kind of training we have received. Indeed, Engineers are enjoying unprecedented good times and the future looks extremely bright.

As Engineers we assume certain obligations which increase in intensity as years go by. Business expects more and more technical "know how" from the graduate and we are obligated to meet that demand to uphold our profession. Secondly we owe it to ourselves to increase our knowledge and keep pace with the technological advances in order that we may hold our position as leaders in science.

There is an ever increasing tendency to assess our future in terms of dollars. Upon graduation we take the job paying the most and the contribution we make to engineering, to society and to our own development as Engineers is lost.

Surely there is more than just the financial reward. Have we spent five years at college for this alone or will our chosen profession become as it should—a way of life? Every man graduating will agree that his ability to go forth and revolutionize is indeed limited, however we do have the nucleus in our training. True success is within the grasp of every man who will continue to study and further his knowledge in a field of endeavour for which he is best able and suited. With this success will come the reward we now seek and have not yet earned. B.W.R.

THANKS!

I would like to take this opportunity for expressing my most sincere thanks to those who contributed to the production of this Engineering Brunswickan. The help of each has been invaluable and without it, the editing of this issue would have been impossible. B.W.R.

You are Always Welcome at the

Paradise Restaurants

SAINT JOHN — AND — FREDERICTON

Boost the Society

Each student engineer at U.N.B. has the opportunity of becoming a member of the Engineering Society. Here he may find a place for testing his skills of leadership and his ability to shoulder responsibility. He can work to build the strength of the Organization and reap its rewards. This then is the purpose of our Organization, where we can unify the efforts of the engineers and let our cause be heard.

Many times we have suffered rebukes and chiding but yet we stand. These ill words usually stem from within our organization in an unrelentless effort to renew the vigor and interest in the Society. Therefore if this has held you back do not concern yourself as other people seldom care about the status of your Society. They are more likely to laugh at you if it dies, however your efforts to build it, no matter what the outcome, will stand rewarded.

Here at U.N.B. the engineers represent almost half the student population. With this we can be strong, demand voice, and be of great service to the faculty as a whole, but to gain the necessary effect there must be unity. Each member must deem it his own responsibility to partake in Society activity and to create new ones. Let us talk no longer of greatness, let us attend meetings and work toward it. B.W.R.

Nominations

Nominations for the 1957-58 Students Council close tomorrow. At that time, presumably, all those students who wish to nominate representatives will have done so. The elections are slated for the end of the month, and that is the time when we must exercise the most important prerogative of democracy, the right to vote. These persons will be your representatives. The council, will, in effect, be the students of UNB.

Many students have had pet peeves, and suggestions, which, they have felt, in the past, should have been brought to the attention of the legislators. This is the time to assure that they will be introduced. The only way to achieve this is to elect representatives who will simply and effectively present your ideas to the council.

A Good Step . . .

At their recent meeting, the Students Council adopted a motion without precedent in the history of student affairs at UNB. The proposal, made in the form of a suggestion, came from Mr. Ron Pearsall, WUSC Corresponding Secretary at UNB, and former local president. It allows for a levy of \$2.00 on the student fees, the money to be equally apportioned to WUSC and NFCUS. In the case of WUSC, the dollar would be divided into various component parts, including the money now raised through the annual WUSC Campaign. Part of the money would be allotted to Refugee assistance. This would mean, in effect, that there would be no more WUSC Financial Campaigns in the future, and that the present 10 cent per student granted by the Council would be dropped. NFCUS would divide its share in two, sending .50 to the National Office in Ottawa as part of UNB's contribution to the Federation. The remaining .50 would be established as a Canadian University Student Scholarship. In this way, for example, the local committee could conceivably have about \$700.00 for scholarship purposes next year.

The idea is an excellent one. It provides the National Federation on the campus, with an opportunity to illustrate what it can do to help Canadian University Students. It will silence that energetic minority who stubbornly maintain that we should help our own students before Foreign students. There can be no doubt that there do exist Canadians who, for one reason or another, cannot attend college. This will help; help, especially in a province which is not, to say the least, wealthy. The setting up of this fund, will also bring home to more students, the vital work NFCUS can do, if it has the opportunity. It is our hope that the committee handling this tremendous responsibility is a little more efficient than this past year's group.

In both WUSC and NFCUS, the student has an expression of his interest in Canada and the World. By making the money readily available at the beginning of each year, the respective organizations can more easily carry out the program for which they were designed.

DON'T MISS
THE BIG DANCE
TONIGHT



THIS IS
SPERRY

No more rock'n roll aboardship.

A new gyro-controlled, electronically-operated stabilizer produced by Sperry can now reduce a vessel's roll by as much as 90%. The SPERRY GYROFIN operates below the waterline like the ailerons of an aircraft and rules out the danger of cargo shift in heavy weather — to say nothing of seasickness. S.S. Mariposa, Matson Line, the first ship so fitted, is now at sea.

Development of the GYROFIN adds to the already formidable list of Sperry contributions to safe, dependable sea travel — contributions such as the Gyro-Compass, Gyropilot, high-resolution radar and direct reading Loran.



Young engineers who seek a career in the field of electronic research or mechanical development, with freedom to think and act along original lines, should contact Sperry.

SPERRY GYROSCOPE COMPANY OF CANADA, LTD.
P.O. Box 710 Montreal, Que.

E. I. C. STUDENT MEMBERS

The Engineering Institute of Canada established in 1887 is an organization wholly directed to the advance of the engineering profession in Canada. Its objectives are varied and detailed, supporting technical, professional and social functions, beneficial to its members and the profession it serves.

There are approximately sixteen thousand members, each entirely voluntary. Every person as a member is associated with one of fifty branches, and branch sections located from Newfoundland to the Yukon. Here either as student or graduate you meet the men of your profession. You hear papers given, enter discussions or just enjoy a social evening.

As a member, student or otherwise, you will receive the monthly publication of the Engineering Journal. The magazine is up to date on all major advances in engineering. It carries many technical papers, articles of professional interest, news of industry, reviews of technical books and news of branch and association activities.

The status of the Institute directly affects the status of the individual engineer. As a member of the Institute one adds unity to the profession and gains prestige for himself. As a student member you adopt the right to add S.E.I.C. after your name. Being a member of the E.I.C. can add strength to the profession and dignified professionalism to your character. B.W.R.

'WASSAIL'

LORD BEAVERBROOK

HOTEL

MARCH 2nd

Whether or not this will become, in fact, law, is up to the students. A plebiscite in conjunction with the SRC elections will be held towards the end of February. On that ballot, the student will be faced with a number of options: whether he wishes the whole two dollar levy, whether he wishes either \$1 for NFCUS or WUSC, or whether he is against the whole principle. Let us hope that we all show common sense and decency to others!