

ENGINEERING EDITION

NOMINATIONS CLOSE
SATURDAY, FEB. 14, NOON



S.A.C. FLAG DAY
FRIDAY, FEB. 13

CANADA'S OLDEST OFFICIAL STUDENT PUBLICATION

Vol.73, No. 14

FREDERICTON, N. B., THURSDAY, FEBRUARY 12th, 1953

Price 9 cents per copy

LADY GODIVA RIDES AGAIN

ENGINEERS WELCOME PATRONESS AT FORMAL

Dainty, gilt-clad toes peeking under soft soft, glamorous gowns. Well disciplined curls shaken by undisciplined laughter. Bold, ambitious men with gay, laughing ladies. This was the scene last Friday night at one of the most distinguished social events of the year—the Engineer's Formal.

As the guests arrived they were received by Dr. E. O. Turner, Dean of Engineering and Mrs. Turner; Mr. D. J. Brewer, president of the Fredericton Branch of the Engineering Institute of Canada, and Mrs. Brewer; and Mr. E. L. Bryenton, president of the Engineering Society, and Miss Irene Turnbull.

The entertainment soon struck a lively tempo to the pleasing orchestrations of the Criterions. The Ball Room of the Lord Beaverbrook was appropriately decorated for the occasion, displaying the crests of the three glorious legions of Engineering—Civil, Electrical and Mechanical and their common symbol—the slide-rule. There was also a practical demonstration of the Engineer's genius. A red and white light-weight canopy covered the orchestra (many of the more sceptical expected this to become true, literally, before the evening was over).

Between the dances four or five couples gathered about each of the tables placed around the dance floor. During intermission the orchestra obligingly accompanied the celebrants in a sing-song. It was about this time that the boys gave themselves a resounding introduction to the residents of the hotel by singing their International anthem "We Are The Engineers".

After that rollicking old time everyone agreed that "The Engineer has no peer" when it comes to entertainment. Anyone who doubts the authority of those words should take a quiet peek in a Castle Hall window along about Saturday night (Wassail Time).

HANDBOOK PUBLISHED

The Engineering Society, has this year, published an Engineering Handbook. This is the first handbook that the Society has ever published and it is hoped that it will be published every year in the future.

This handbook is designed to familiarize engineering students with the organization and activities of the Society. It contains the revised constitution of the Society, the executive of the Society, messages from the Dean of Engineering, the General Secretary of the EIC, the president of the Professional Engineers of N.B., and the President of the Society. Information about the Joe Kaiser Memorial Loan Fund, requirements for the technical paper contest and a list of important engineering events of the year are also included.

This publication will be distributed to the Engineering Societies of other Universities with whom the Society is affiliated through the EIC Engineering students may obtain their copy of this handbook during Engineering Week.

PROFESSIONAL DEVELOPMENT

Last Thursday evening, in the Civil Engineering building, Mr. Bill Randall instructor for the Dale Carnegie courses, presented a lecture on Public Speaking to a group of professional and student Engineers. Mr. Randall stressed the important points necessary to an effective address. His easy style of talking to his audience made himself his own good example.

After Mr. Randall's address the meeting divided into three discussion groups. The lecture was reviewed and the group leaders referred the questions which arose during the discussion to the speaker.

This was the first in a series of lectures designed as a professional development course covering non-technical subjects which vary from Public Speaking to Municipal Affairs. The course

ART CENTRE NOTICE

This Sunday's programme is being presented by Ken Pepperdene and will include:

Schubert—Trio in B Flat.
Elgar—Cockaigne Overture.
Rachmaninoff — Rhapsody for piano and orchestra on a theme by Paganini.

ELECTION NOTICE

Elections will be held on Wednesday, February 25th. Nominations close on Saturday, February 14th at noon.

being sponsored by the Fredericton Branch of the Engineering Institute of Canada is similar to those being given by other branches in Canada, and is as recommended by the Engineer's Council for Professional Development (E.C.P.D.).

U.N.B. AIDS EUROPE DUTCH DIKES

EDITOR'S NOTE: The following article describing some of the engineering and economic aspects of the Dutch dike system is presented in the hope that students may realize how much the recent flood disaster will affect Holland's economy.

Nature has not been kind to Holland. Nature endowed her with few natural resources, and the elements wage a continual battle with her inhabitants. For existence and sustenance Holland has therefore, had to rely upon human resourcefulness, and in this Dutchmen have not been lacking.

Holland's natural resources are limited to twelve coal mines in the southe-eastern province of Limburg, an oilfield in the north-east of Holland, and salt deposits along the eastern coast; and although the country has many rivers their fall is so slight that they are of no importance for generating power. Yet, despite these drawbacks, industry in Holland absorbs nearly forty percent of the working population. It is due to Dutch engineering skill that this is so. Holland is crossed by a maze of canals which enable raw materials to be cheaply imported, and the products from its industries to be easily exported.

The main problem which faces Holland is, however, the feeding of its people. Holland, less than half the size of New Brunswick, has to support a population twenty times as large as that of the Canadian province, and this with almost half of the Netherland country lying below sea level. The Dutchman's most persistent enemy is then the sea, which continually seeks to deprive Holland of some of its most precious agricultural land. For centuries Dutch engineers have successfully met the challenge of its most powerful enemy, and, with pressure of increased population, have, in recent years, carried the attack into the enemy's camp.

Since the tenth century dikes and locks have been constructed to curb nature's attack, and render the low lying areas of Holland inhabitable. On June 29th, 1920 defence was turned into attack. On that day began one of the greatest reclamation projects ever conceived in Holland. The Zuiderzee, formed in 1300 when terrific storms washed away a line of protecting sand dunes and inundated a low-lying marshland, was to be enclosed and the underlying land reclaimed.

The plans for the enclosing and partial drainage of the Zuiderzee, drawn up by a Dutch engineer Dr. C. Lely, entailed the construction of an enclosing dam from North Holland to the island of Wieringen, a distance of one-and-a-half miles; and a second enclosing dam from Wieringen to the Frisian coast, a distance of twenty miles. With the closing of the last gap on the dam, in May 1932, the Zuiderzee had been transformed into a freshwater lake. With the Zuiderzee enclosed, now began the work of drainage and land reclamation. After six-and-a-half months of uninterrupted pumping by two pumping stations, a new polder, that of Weiringermeer, was dry and habitable Holland had been enlarged by some 49,000 acres of arable land. In 1942, the drainage of the North East Polder added a further 119,000 acres. With the completion of the Easternpolder, the arable land of Holland will be increased by ten percent. An area of 310,000 acres of the Zuiderzee not reclaimed will serve as a freshwater reservoir.

In recent weeks, however, Holland has received, at the hands of her old enemy, a set back in her ambitious plans; a setback which, perhaps, cannot be fully sustained by the Dutch people.

WIDE OPEN DOORS

If great clouds of dust were seen arising from the Engineering Buildings on Wednesday let us explain the situation. We were only beating the dust out of the "Welcome" mat in preparation for the grand Open House which was held last night. It was an all-star revue staged by the Civil, Electrical and Mechanical departments to demonstrate the Engineering facilities available at

the University. For the benefit of citizens of the city and of students in other courses the members of the classes of the three Engineering branches worked in the labs to illustrate the various equipment and to answer questions for the visitors.

The Open House was planned as part of the Engineering Week programme and was a very important attraction.

Campaign Opens

A European Flood Relief campaign has been initiated on the campus by the Students' Activities Commission. Plans were laid for the fund raising drive at the weekly meeting last week. The SRC endorsed the drive and it is now in full swing.

The full details of the campaign were not available at press time, however, they may be found on the posters in any of the University buildings. Plans have been completed for holding a flag day tomorrow, Friday. Letters have gone out to all campus organizations seeking their financial assistance. An attempt to receive gate receipts from last week's basketball game was rejected by the SRC on Thursday. The financial crisis of the Council led them to reject any support other than moral, of this cause.

The SAC has attempted to publicize the campaign widely by use of posters and by direct approach, in an attempt to assure the financial success of the drive. A provisional goal of 1000 dollars has been set. Negotiations are underway for a dance as well as several other ventures which are expected to give a boost to the campaign. The drive, however cannot succeed unless all organizations and individuals give their wholehearted support.

The funds will be disbursed through the facilities of the International Red Cross, who have been officially delegated as Canadian agents for relief by the Prime Minister.

Actors Unsuccessful

The new Brunswick Regional Drama Festival ended in Saint John last Saturday night with the presentation of Fortune, My Foe, by the UNB Drama Society.

Following the performance and adjudication, Saint Joseph University was awarded the trophy for the best presentation of the festival. Their entry was Moliere's celebrated comedy, *Le Bourgeois Gentilhomme*. The award for the best actor also was taken by the French-speaking players. Miss Jean Wood, of Saint John, was awarded the best actress distinction.

In his adjudication of Fortune, My Foe, Mr. Allen had few specific criticisms. The players were at times inaudible, he said, and more effect could have been reached with varied lights. The remainder of his adjudication consisted of a discussion of the play itself, which Mr. Allen had difficulty in understanding — due more to Robertson Davies than UNB. He seemed to doubt the wisdom of the choice of play rather than the standard of its presentation.