

POWERFUL WIRELESS STATION IS PROPOSED FOR VANCOUVER

Construction of a high-powered wireless station, which when completed will be the most powerful radio station in the British Empire, is proposed for the vicinity of Vancouver, B. C., by the Canadian Marconi Wireless Co.

The station, which will cost, it is estimated, in the neighborhood of \$2,000,000 is designed to handle commercial business between Canada and the Orient, and a station of like power and cost will be built in Japan.

AERIAL DEPARTMENT DESIRED

Five American aces, credited with having brought down more than 50 German airplanes, advocated today before a House sub-committee the creation of an aeronautical department of the government to coordinate all aerial activities.

The group included Capt. Eddy Rickenbacker, officially credited with 27 air victories in France; Major Charles J. Biddle, Philadelphia; Capt. F. Gindly, Gravette, Ark.; Major J. A. Meissner, Brooklyn, N. Y., and Capt. J. A. Hensley, Washington. All asserted that the air forces in France would have been much more efficient if administered by a department of aeronautics.

SPRINKLER STARTED DUE TO OVERHEATED VENTILATOR

An overheated ventilator hood caused a cap on the sprinkling system to fuse and to flood a student with a deluge of water last Tuesday morning in room 2-025, a part of the Chemical Engineering Department.

The chemist was busy with his work, which had to do with two buckets of hot coal tar. While not actually on fire, these heated the ventilator hood sufficiently to melt the sprinkler fuse and catch the unsuspecting student in the back with a large quantity of cold water. Several other men nearby brought Pyrene extinguishers into action and prevented any further mischief on the part of the coal tar.

AMERICAN METRIC ASSOCIATION HOLDS MEETING AT ST. LOUIS

Plans are complete for the annual meeting of the American Metric Association to be held in St. Louis December 29-30. A Metric Special will carry members of the Association from New York to St. Louis, and a stop will be made in Buffalo in order that members of the party may attend church. The World Trade Club of San Francisco and the Metric Association of New York, in co-operation with hundreds of other influential organizations throughout the United States, are urging the adoption of metric standardization for the uniformity of weights and measures.

COMPETITIONS OPEN AFTER SHOW SMOKER

(Continued from page 1)

Competition for assistant publicity manager of Tech Show is open only to freshmen.

Fourteen men are now at Technology who have had experience in the Tech Shows. F. S. Britton '20 has been in the cast for the last three years. E. W. Booth '21 was in the 1918 and 1919 casts. G. Doolley '20 in 1917 and 1918, E. E. Schofield '20 in 1917 and 1919, C. B. Nelson '21, R. M. Felsenthal '21, P. Nelles '21, K. F. Akers '20, T. O. Davidson '21, and J. J. Wolfson '21 in 1918 and P. D. Appel '22, W. J. Amburger '21, A. D. Harvey '21 and J. Horn Jr., '22 in 1919. It is decided, however, by the management to announce that all competitions this year are open and the final choice will not be influenced by former participation in the show.

The number of members of choruses past shows still at the Institute is large, there being fifteen who were in the 1918 and fourteen who took the parts in the 1919 shows. S. J. Hill '21, W. Church '21, D. E. Stagg '21 and J. Clark '20 were girls in the 1918 show, while those who took corresponding parts in the Show last year are L. P. Whitten '20, A. I. Bradley '20, S. Brown '20, W. M. Saunders '20, R. I. Bradley '20, W. A. Hoops '22, C. Kudlich '22, R. L. Lewis '21 and E. Sherbrooke '22. Former chorus members who took the parts of boys who are now at Technology are A. Robbins '21, who was in the 1918 and 1919 Shows, E. R. Hermann '20 and A. W. Norton '21 of the 1918 Tech Show, G. P. Anderson '22, E. Barry '21, L. B. Davis '21, H. C. Taebler '21, C. A. Dutton '21, C. Greenwalt '22, E. L. Harlin '20, E. Jackson '21, A. C. Jensen '21, S. Eland '21 and J. M. Zoller '21 from last year.

W. Bugbee is the only member of the 1918 and 1919 who is now at the Institute. Men available for this year's ballet who had experi-

ence in that of 1918 are Waldo Adams '21, V. Dixon '21, W. L. Chaffin '20, R. A. Lewis '21, L. W. Bugbee '21 and P. S. Brown '20. Of the ballet last year R. E. Ferdinand '21, F. M. Kurtz '22, D. W. Randolph '21, L. H. Connell '22, R. L. Turner '21, L. W. Bugbee '21, F. O. Rickers '22, B. F. Rogers '21, P. A. Nelles, Jr., '20, Stanley Chmiel '22, A. W. Skilling '21, F. W. Wyeth '22, C. C. Miller '22, C. O. Avery '21, E. W. Hammond '22, A. F. Rogers '21, R. H. Skinner '21, G. W. Spaulding '21 and J. A. Grimmons '21 are still at the Institute. A. L. Silver '21, W. C. Gray, Jr., '22 and T. Riegel '22 who filled the leading parts in the ballet last year are also expected to dance again this year.

As usual it is expected that the M. I. T. orchestra will furnish the music at the performances of Tech Show this year. The M. I. T. orchestra is an altogether separate organization from Tech Show, but it has been the custom for several years that they play at the performances. The orchestra began its rehearsals earlier this season than usual.

The management of Tech Show 1920 consists of Percy Bugbee '20, General Manager; R. J. Spitz '21, Business Manager; J. G. Lee '21, Publicity Manager; O. G. Williams '22, Assistant Publicity Manager and Stewart Nixon '21, Stage Manager.

Music and lyrics for this year's Tech Show are under the direction of a committee composed of E. D. Ryder '20, W. T. Hedlund '20 and F. D. Garge '21. Ryder was general manager in 1919 and stage manager the year before. Hedlund is noted as the writer of most of the music and lyrics in last year's Tech Show. Garge wrote for 1918 only, but his production of "Love Is Just a Burlesque After All" made him famous about Technology. J. H. Coyle '20, L. T. Carpenter '21, E. S. Whitman '20 and J. G. Lee '21, who wrote lyrics last year, D. M. Minton '22 who wrote music and S. H. Chamberlain '20 who wrote both last year, are notables working on music and lyrics for Tech Show 1920.

S. H. Chamberlain '20 is directing the scenery for the coming show. He had experience in the season of two years ago. Scenery is submitted in the form of models done in color on the scale of one to ten. The actual property is made by a scenery studio. Competition for the scenery will open at the time of the smoker January 9, since no definite work can be done until after the scenario has been announced.

Those in charge of the finances of Tech Show will make no public statement this year. It will be remembered that something over \$1,000 was given to the American University Union in Paris in 1918 and as a partial result most of last year's profits will go toward financing this season's plans.

Concerning scenarios, theatre and coach, little can be said until after the coming smoker. The management, however, has given out the information that of the seventeen scenarios submitted this year none were impossible. Last year there were twelve submitted and the year before the number was seven. Much of this year's success, it is claimed is due to the talk given to prospective writers by Professor Rogers during the first weeks of the term.

ENDOWMENT FUND STEADILY APPROACHES \$4,000,000 GOAL

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be necessary to get a little less than \$46,000 a day.

The next issue of THE TECH will contain a complete detailed statement of the standing of each alumni class during the campaign. This statement will be in somewhat of a similar form to that published for the past several weeks concerning the standing of the undergraduate classes.

It is not expected that very much progress will be made during the vacation by the undergraduates, although it is known that many students are expecting to approach their parents, relatives and friends while home over the Christmas holidays.

The Undergraduate Committee expects immediately on its return for the second term that an intensive four or five day campaign will be run to secure a subscription of at least a dollar from every one of the remaining undergraduates who have not subscribed.

T. C. A. ALWAYS BUSY

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scriptions to the budget of the Association are solicited.

The T. C. A. has at its head an Alumni board, a general secretary and an assistant to him. Both of these men are paid by the alumni board from a fund raised by popular subscription. The present general secretary is Wallace M. Ross, Dartmouth '09. His experience along this line of work has been very varied. Ross was general secretary of the Dartmouth Y. M. C. A. for five years. During the Mexican border trouble in

1916 he was secretary of the "Y" building for the National Guard on the Rio Grande. He was secretary of the West Side "Y" in New York, and in the recent war, he went overseas as a secretary for the Y. M. C. A. "Wallie" came to the T. C. A. early this fall.

The T. C. A. began its work this fall by solving the serious question of providing rooms for the students. The need of lodging was more acutely felt than ever before. The Institute had twice as many students, and to make matters worse the other schools around Boston started a week before the Institute. The Dean appealed to the T. C. A. to do all in its power to help alleviate the situation.

The citizens were appealed to through the local papers, and the response was so hearty that the men were located with less friction than ever before. The room list has now been brought up to date and may be seen at the office.

Under the leadership of E. W. Davis '21 the Tech Bible was printed and put in the hands of the undergraduates.

E. R. Clarke '21 as leader of the book exchange has done about \$450 worth of business. The exchange attempts to sell all books and drawing instruments left with them. The price is usually 60 per cent. of the original cost. In this way the owner of the goods can get back part of the purchase price and the buyer is saved a percentage on his side.

The Employment Bureau seeks to fill all positions that come in from outside. Students who apply at the bureau are either given references to look up or if no job is yet available the student fills out a reference card and as soon as an opening turns up he is notified. Up to date the bureau has placed men in positions to earn a total of \$5,000.

The department of Boys' Work, under P. H. Bray '22, has been very active. Twelve men are doing boys' work at the East End Union, Cambridge, Cambridge Y. M. C. A., Boston Y. M. C. A., and at the Dorchester House.

H. F. Frease '21 is at the head of the department dealing with foreign students. There are 221 foreign students at the Institute from thirty-five different countries. Mr. Lee of New York city addressed the Chinese group October 30; Wallace Ross, the Cosmopolitan Club on the same day; Mr. Hussey of New York city, the Latin-American club November 1 and Mr. Lee, the miscellaneous foreign students on November 4.

Elections were held December 10 and 11 for three officers. After keen competition the following were elected: Harold Kepner '20, president; L. S. Vadner '21, vice-president and C. B. Stanwood '20, treasurer. These men are to hold office until the regular elections in the spring.

DELEGATION DEPARTS NEXT WEEK FOR WEST

(Continued from page 1)

lems which the world has to face it promises to be greatest and most important gathering of students ever held. A great many able speakers from all parts of the world will address the meeting at the five evening sessions which will be held. These addresses will bring forcefully before the student bodies represented at the Convention the social, moral, and religious needs of the world today. Such questions as the promotion of the interest of all students in foreign missions as well as in the position of the Church at home will be considered. During one afternoon simultaneous conferences will be held on the openings for missionary activities in such countries as China, India, Africa and Turkey as well as the different types of missionary activities such as medical, educational and preaching.

A great many foreign student delegates are expected to attend the convention and this will give the delegates a chance not only to meet students from different parts of the world but to talk over questions of social, industrial and religious importance in various countries.

The final list of the members of the delegation from Technology is herewith printed: N. G. Abbot, Jr. '20, W. R. Barker '21, H. C. Button '21, W. L. Ccfren '20, J. L. Dodson '21, E. C. Farrand '21, S. W. Freese '22, A. D. Harvey '21, I. D. Jakobson '21, A. L. Jonson '22, J. Kawai '22, H. R. Kepner '20, H. N. Landis '21, W. N. Lang '22, D. R. Lindsley '22, W. R. McKenney '20, A. W. Norton '21, W. H. Noyes '22, M. H. Pai '20, J. A. Plimpton '22, Professor H. G. Pearson, W. B. Purinton '22, J. S. Raffety '22, H. M. Ramsay '22, C. H. Reed '20, K. J. Roman '20, W. M. Ross General Secretary of the T. C. A., R. A. St. Laurant '21, R. H. Smithwick '21, F. C. Spooner '20, A. F. Taylor '22, S. H. Wells '20, W. L. West '23, W. K. White '22, M. M. Whitaker '20 and P. S. Wilder '23.

Of the 534 delegates from New England colleges, 371 are from Massachusetts, 18 from Rhode Island, 18 from Vermont, 32 from New Hampshire, 30 from Maine and 65 from Con-

necticut. The numbers registered from each college are given below: Amherst 7, Massachusetts Agricultural College 10, Boston University, College of Liberal Arts 9, Emerson 2, Jackson 3, Technology 34, New England Conservatory 2, Simmons 12, Tufts 4, Harvard 54, Radcliffe 8, Boston University 12, State Normal 5, Smith 21, Wheaton 2, Mt. Holyoke 12, American International College 20, Wellesley 20, Williams 9, Clarke 4, Worcester Polytechnic Institute 9, B. U. Medical 9, Harvard Medical 7, Massachusetts General Hospital 3, School of Nursing of the Children's Hospital 1, Peter Bent Brigham Hospital School of Nurses 2, Boston Uni-

versity Theology 21, Andover Theological Seminary 2, Newton Theological Institute 7, Boston University School of Religious Education and Social Service 20, Gordon Bible College 11, Y. M. C. A. College 24, Bowdoin 6, Bates 4, Maine 14, Colby 5, Bangor Theological Seminary 1, Rhode Island State Normal 3, Brown 12, Brown (Women's Col.) 3, New Hampshire State 11, Dartmouth 17, Exeter Academy 2, Colby Academy 2, Vermont University 10, Johnson State Normal 2, Middlebury 5, Norwich 1, Welsleyan 8, Yale 40, Connecticut 3, Hartford Theological Seminary 12, Berkley Divinity School 1, and Kennedy School of Missions 1.

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