Overload of L Street
Station Causes System To Lose Synchronism
Sunday, November 19
Flashover failure of a relay at the Francis Junction, switching point of the New England Electric System, in tiered service electric system in the Boston vicinity and outlying areas, resulted in a black out for an hour. Although the disturbance lasted less than thirty seconds at the switching point, causing a momentary flicker in most of the districts served direc-

ly by N.E.B. influence, its effect on the Boston System was serious. Due to the low water level at their hydroelectric plants, N.E.B. was taking a large part of the 140,000 kw load due to the flashover was suffi-

cient to provide the additional capacity needed.

Brow Will Aid
Hansen As Head Of E.E. Dept.
Appointment of Professor Gordon B. Brown, as Associate Head of the Department of Electrical Engineering, in charge of upper division of the Department, was announced yesterday by Dr. Thomas K. Mann, Director of Engineering.

Professor Brown, who is Director of the Servomechanisms Laboratory, will share administrative responsibilities for the Department with Professor Sherwood, Dean of Engineering. Professor Brown has been Head of the Depart-

ment since 1939, Associate Professor in 1941, and Professor of Electrical Engineering since 1943.

Pioneer in Servomechanisms
Dr. Brown, a native of Australia, was educated at the University of New South Wales, received the degree of Bachelor of Science in 1931, the Master's degree in 1934, and his Doctorate in 1935. He joined the Institute's staff as a research assistant in 1931, was appointed Assistant Professor in 1939, Associate Professor in 1941, and became Professor of Electrical Engineering in 1943.

Professor Brown is internationally known for his contributions in the field of servomechanisms as well as his knowledge of the opening of World War II, Tech-

nology, and his research carried on by the Massachusetts Institute of Technology. He has been a member of the American Institute of Electrical Engineers, and has contributed papers to many technical journals.

Four and One-Quarter Hours of Working Time
A thirty-minute tour through the exhibits, with the WACs acting as narrators, will last between forty and fifty minutes. Up-to-date techniques will be demonstrated with the actual equipment, including a wired tele-

costumet and a number of animated sequences.

The WAC demonstrators, who travel with the exhibit, have all been hand-picked from the Signal Corps, and will participate in the national tour. The laboratory has been designed for the current Korean action.

Dorm Open House Rules
Postponed To Later Date
Nicholas Stefanakis '51, Chairman of the Dormitory Committee, announced the revised dormitory rules and extended the opening of the dormitory, Sunday night, The committee has postponed se-

nior privileges and will be held until a later date.

The dorm system provides that no objects of any kind may be kept on the premises, and that any kind shall be thrown from the windows, and that any tamper-

ing with the dormitory room system, and the long distance telephone service will be disapproved by the Dormitory Judicial Committee.

The firing of firecrackers, the setting off of fire extinguishers, the use of chemicals to create a nuisance, are all against the rules.

Library Friends Run Prize Essay Contest Open To All Students
The Friends of the M.I.T. Library have organized a prize essay contest for students of the Institute, in conjunction with an ex-

hibition at the Institute of the Signal Corps, 'The History of the Signal Corps.' The contest is open to all students at the Institute.

No. 16:

The friends of the M.I.T. Library present their No. 16 to the Dow House, on the occasion of their first meeting. The No. 16 is a special edition of the book "The History of the Signal Corps," and is given to the Dow House as a token of appreciation for the hospitality shown the friends of the M.I.T. Library. The book is a valuable addition to the library collection, and is a reminder of the importance of the Signal Corps in the history of the country.

The exhibition will be open to the public from 10:00 A.M. until 5:00 P.M. on Monday, Tuesday, and Wednesday, and from 10:00 A.M. until 4:00 P.M. on Thursday, Friday, and Saturday.

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If my ends are not being cut, my beginnings are being sabotaged. Last week I was not cut, I was sabotaged! Unbelievable as it sounds, a procedure found and corrected a mislabeling. In this instance, however, the mislabeling, now two weeks old, was intentional. For those left offended by last week's meaningless opening, I now correct a misspelling. In this instance, however, the mislabeling, now two weeks old, was intentional.

Fortunately, the Juliard (sic) String Quartet was an extremely attractive and highly evasive group, one of their rare appearances being on page 6 of Mr. Schwab's Sep- tember lecture. The Juliard (sic) Quartet will not honor us this Sunday, and it is with small consolation that the Juliard (ahhuh!) String Quartet will appear in their stead.

By any name, the four musicians appearing in Huntington Hall this Sunday afternoon were nothing short of terrific. Balancing Beethoven with impressive breadth, the tastefully tailored program had a novel opening in Verdi's minor Quartet. Verdi was thor-oughly an opera composer, and, though sixteen strings do not provide operatic material, I applaud the curiosa of 15-16 to part after each of the four movements. What Brahms was ever written with over-generous care.

Any musical deficiency in the Verdi Quartet, was amply made up for in Beethoven's Quartet Op. 50, No. 3 and Ravel's F major Quartet. The Juliard Quartet presented each work with fresh enthusiasm, displaying all these capricious的能力, both techni- cally and tonally. Indeed, Messrs. Mann, Koff, Hillyer, and Winograd form a quartet of which any country could well be proud.

For the next two weeks the Boston Symphony Orchestra will have as guest conductor Dr. Sergi Koussevitzky, who in the spring of 1949 resigned as permanent musical director of the Boston Symphony, a post which he served for twenty-five distinguished years. Dr. Koussevitzky has chosen to perform Haydn's "Oxford" Symphony and the Beethoven Symphony of Broderick on the program of this coming week end. There is a greater possi- bility of obtaining seats for the concerts this Friday and Saturday than there will be for the week after, the big demand for tickets for a "Rosiny" concert being offset in part by Broderick and in part by the turn back of tickets ap- parent at the curtains of 10-150 to parts after the final performance.

(Continued on Page 8)
Local Union of B&P Employees Called Largest of Its Type in New England

By JOHN D'AMICO

Roasting three hundred members, the Technology section of the Local Building Service Employees Union has become, since its founding in 1945, the largest of some thirty affiliated union groups which have been organized in such institutions as Tufts, Radcliffe, Simmons, and Boston College. Though it does not include office or academic personnel, the group does represent a wide cross-section of institute employees, including building and power workers, porters, janitors, electricians, and carpenters, to mention a few.

Affiliated with A.F. of L. (Continued from Page 1)

Chairman at the five annual section meetings of the Technology group is John Manning, and chief of operations for the two thousand members of the A. F. of L. affiliated local is Business Manager Joseph L. McCarthy, rated as one of the top union representatives in New England. Other prominent officials in the local are President Edward Sullivan and Union Organizer Joseph P. O'Donnell, who is now studying labor relations on a scholarship at Harvard University.

Closely knit organization

Typical of friendly union-employee relations is an agreed stipulation that any non-union member hired must join the union within one month. Through union efforts, INU has become, since its establishment, sizable in the union man downtown hotel, has been established by the union for the benefit of its needy members.

Blackout has helped save city

(Continued from Page 1) team had pulled out of step. By the time the Institute's generating station was ready to supply power, the situation was again in hand and Cambridge Electric was able to resume service. Eliot's Mystic River and N. Weymouth plants increased their output to plug the entire load. The flasher itself took place on a load-switching relay on the 110,000 kw line at Pratt's Junction in the town of Sterling. This switched point lies between the Edicton, Woburn Blaston and Millbury Main Load Dispatching point of the New England Electric System.

Sixteen Falls, largest hydroelectric plant in the system, was only supplying 20% of its rated 100,000 kw and the other hydro plants were similarly operating at reduced power. As a result a large portion of the state than usual was dependent on the Edison stations.

Special edition

Institute employees have gained both wage increases to meet higher living costs, and a decrease of the working-week from 44 hours to 40. Union members at the Institute are now granted twelve days sick leave each year, and a welfare fund, supplemented by proceeds from an annual dance held in a downtown hotel, has been established by the union for the benefit of its needy members.

Philosophy of Blackout

Ivline in a past article attempting to evaluate, comparatively, and objectively subjectively, the various union and non-union ethical basis, to the end we submit the following Comparative ratings, based on the Technology system, for the A. F. of L. and the B. U. (

Teddy

Beary

Intelligence 3.2

Physical Attractiveness 3.4

General Compatibility 3.9

Over-all Bond 3.2

The other girls are apparently members of the Middle Atlantic's Phi Mu, and we might presently consider them our most formidable opposition, for they are quite definite in their aversion to the plain and non-Phi Mu.

Mention them—next time!" We were not quite sure what the girls meant, but we knew they were referring to the fact that the dormitory is predominantly freshman, to the tune of about fifty percent, with the average freshman about seventeen and half years old.

For Walker Memorial's social affairs, Pritchett Lounge, and big movie, and a distinct preference for Walker Memorials social affairs. Pritchett Lounge, and big M.I.T. dances. All said that they enjoyed an occasional party of sympathy, but didn't expect such treatment regularly.

Freshman Preferences

From a statistical viewpoint, we garnered the following facts: About ninety percent of the girls are from New England, and most of the others are from the Middle Atlantic. The girls try to avoid the Alpha PAIG, and hold a baton in her hand, and they were quick answers. They added up to "plenty." As one of the girls commented, "If he doesn't try to kiss you at least by the second date, you know something's wrong."


Most of the girls to whom we spoke would drink. None of these, however drank unless on a date, and they didn't feel it necessary to drink when dating. In their estimation, the most likely person to poison the girls in the dormitory was a boy. Several of the girls considered an annual dance held in the Eliot Lounge a "special" evening. All of the girls drank in Boston rather than at home. The one hundred eighty girls living in the house are about eighty enrolls worth of tax from Walker Memorial's social affairs. Pritchett Lounge, and big M.I.T. dances. All said that they enjoyed an occasional party of sympathy, but didn't expect such treatment regularly.

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Red Aggression In S. Korea Initiates Open Warfare

On 15 August, 1948 the Government of the Republic of Korea was formally recognized by the United States Government. The recognition was greeted by the Korean army, which had already begun to fight, with a high degree of cooperation was achieved, we may be maintained in tackling these problems as was demonstrated in the construction in Korea is handled. But if the same courage and resoluteness as was decided to enter the conflict, the free world, and especially the United States, faces another serious problem in the manner in which recon-

The free world is now facing a serious problem: They are now on the defensive. The American withdrawal, which had already begun and was subject to UN observers, was completed on 39 June 1948 except for 500 officers and men of the United Nations Military Advisory Group.

One year later, almost to the day, American military forces returned to Korea, under somewhat different circumstances to participate in fighting an aggressor whose depredations were to cost the United States over $250 million at the time this is being written, reports still add to the list. The Americans returned to resist a vicious attack on the basic principles of the UN Charter and on the steps taken by the United Nations in Korea up to that time. As President Truman declared in his message to Congress on 18 July 1950, "The challenge had not been met squarely, the effectiveness of the United Nations would have been all but snuffed, and the hope of mankind for a just and lasting peace had been shattered.

One week after the North Korean Army had been crippled, although subsequent armistice terms are not in prospect now, the Chinese Reds have entered the conflict, the free world, and especially the United States, faces another serious problem in the manner in which recon-

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Techsoppin Match Initaiates Big Season For Tech Rifle Team

On December 3, the Technology varsity rifle team will open its intercollegiate season against Harvard University. This match will launch the season off on what should be their biggest and best season in the history of the team at Tech.

Following this contest, the riflemen on what should be their biggest and best season in the history of the team at Tech. After the southern sweep-the team will return to Rutgers will George Washington, of Maryland, Fordham, Columbia, and many of the freshmen cross-country men, who ran yesterday at the I.C.A. championship meet in New York. The freshmen took full advantage of these conditions to build up a good lead over the Sophomores.

High scorer for the meet was George Thompson, who scored all 18 of the seniors' points. Hugh Nuzley was second with 14 points. Double winners included Nuzley in the mile and the half-mile, John Allen in the 1500- and 2200-yard steeplechase, and Robinson in the Dories and Hammer throws.

In the Theta Chi-New Dorm A tilt, both teams scored evenly matched giving each squad and clear right along the line. But the Theta Chi seemed to form the Theta Chi, and gave them the extra touchdown.

The Theta Chi drew first blood in the first quarter with a pass into the end zone. Not to be outdone, the New Dorm men crossed the goal line in the second half with a short pass, and the game stood at 6-6. Then in the fourth quarter, a New Dorm fumble gave the Theta Chi the ball on the 36-yard line. A pass down to the two and a line plunge gave them their second touchdown, and the game was won.

Underneath an eye

He's spent too many semesters in Psychology I. He knows about his "Boys." Smokey's pulling the feathers over this bird's eyes!

In league three, tops in their league last year, Sigma Xi won a close one from the New Dorns, "A" 38 to 36. Sigma Chi defeated Delta Chi 21 to 17, and Walker won from Rome-Tickers by default. In league four last year's winners, the Theta Chi, defeated Sigma Alpha Mu 25 to 22. Alpha Tau Omega overcame Theta XI 14 to 10, and Overton defeated Walker 27 to 13.

In league five, Pi Lambda Phi, also league winners, overcame the Riverside by 26 to 8. Sigma Alpha Epsilon defeated the Student House 25 to 22, Phi Gamma Delta defeated

More People Smoke Camels than any other cigarette!
Air Explorers Group Formed At Institute For Cambridge Lads

Last Friday marked the initial meeting of the Air Explorers, a newly formed Cambridge boys’ group. As the name implies, the primary interest of the group is aeronautical. Members of the Air Explorers are drawn from all-male Cambridge lads between the ages of fourteen and seventeen.

When the late Dean Baker was approached last spring with the idea of forming such a group, he approved wholeheartedly and offered any assistance the Institute might give. But because the term was just about over, nothing much could be accomplished.

Assistant Dean of Students Thomas L. Milton, also favorably impressed, offered assistance and has given the Explorers use of the facilities in the Institute’s Aeronautical Department. Professor Hal Ashley is the present chairman of the Squares Committee, which determines policy and future activities.

Use Institute Facilities

Activities of the group are designed to fill the need for supplementing the high school along aeronautical lines. Opportunities to rent and operate the Institute’s various aeronautical equipment, notably meteorology, navigation, and many other phases of air training, are open to the boys. They enjoy both wind tunnel and flight time, and have full cooperation of the Air Force. The latter provides films and the use of summer camps.

Alpha Phi Omega, honorary aeronautical fraternity, supplies any assistance that may be required. Most of this work is done by Henry N. Jex ’31, Donald Reis ’31, and Robert Lange, who help the scout advisor. The first activity of the group was a tour of the Institute Department of Aeronautical Engineering. Although there is some opportunity to do actual flying at the summer camps, stress is placed on fundamentals for the most part.

Grad School, Freshmen Registrations Increase

Registration figures for the opening of the academic year at the Institute showed a total registration of 2,114. This year’s freshman class, with a total of 792, had increased 44 over last year, and the graduate school, with a total of 1,361, had an increase of 78 students.

The department of electrical engineering, with a total of 106, had the largest group of freshmen, with mechanical engineering following with a total of 100. Chemical engineering had 95 first-year students, and physics followed with 97.

Growing Organization

Starting with the present group and ten, the originators of the plan hope that interest will increase and that the number of Air Explorers increases. As the boys gain more and more experience, they progress through the ranks. In this manner the organization hopes to become self-perpetuating, providing Cambridge boys not only with technical training, but also with an opportunity to achieve leadership ability.

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