

Illinois Tech Developed Wire Recorder Sees Action During Invasion of France

The IIT wire recorder developed by Armour Research Foundation and invented by Marvin Camras a former IIT student, has recorded the invasion of France, landings at Bougainville and action at Saipan, according to Harold Vagtborg, director of the Foundation.

The wire recorder—a small, compact machine, which records sound magnetically on steel wire finer than the human hair—is also employed to promote health and hygiene programs in Middle Eastern refugee camps. The camps at which the recorders are used, are now sheltering more than 35,000 Yugoslavs and Greeks escaped from Nazi-captured homelands.

Providing sound accompaniment to films depicting conditions and activities in the refugee camps, will be another duty of the wire recorder. These films will soon be made by camera crews of the British Ministry of Information. Later, upon the liberation of the Balkan nations, the recorder will be used to spread information and instructions among the liberated peoples. In addition, through interviews with prominent government and military figures of allied nations, the machine is expected to increase friendly relations among the refugees.

The wire recorder will be taken to the Middle East by Louis P. Birk, director of public information for the UNRRA's Balkan mission.

The recorder, which is now being exclusively manufactured for the armed forces, will soon be loaned to other government agencies. These include the Foreign Economic Administration, Department of Agriculture and the Library of Congress.

V-12 Subscribes to Papers, Magazines

A total of \$85 worth of subscriptions to newspapers and magazines have been purchased from the Illinois Tech welfare fund for trainees in the various quarters.

Every quarters will receive three magazines and one daily newspaper regularly. Other items to be purchased from the fund include 20 irons which should arrive early next month. The welfare fund is assembled from profits collected from the candy and soft drink vending machines in the quarters.

Lt. E. R. Webster Makes Second IIT Inspection

An inspection of the Illinois Tech cafeteria was conducted by Lt. (j.g.) E. R. Webster, assistant district supply and mess officer, last Friday.

This is the second inspection Webster has made in the last two months, according to Lt. Wayne A. Hamilton, commanding officer of the Illinois Tech V-12 unit. Hamilton stated in commenting on the cafeteria that the unit changed last week from bulk milk to bottled milk because of the lack of sanitary enough facilities for handling the bulk milk.

Armour Eye to Initiate 12

A group of pledges will be initiated into the Armour Eye on Friday, August 11. The initiation will take the form of a written examination in order to determine whether the pledge knows the fundamentals of photography. They will be given certain photographic problems and will be expected to offer solutions to them. According to President Leonard Brown, that is all the pledges have to do in the way of initiation, except of course sweeping and scrubbing the floors of the club rooms.

The pledge period lasts about three weeks. The Monday after this group is initiated, another group of pledges will be accepted. It is still possible for those who are interested to pledge, according to Brown.

The club will continue its policy of hanging prints in the lobby of the Student Union building. In order to do this, the members and pledges are required to submit at least one salon print during the first week of each month. Then the club will choose those that are to be displayed.

They are also planning to have a special salon, but as yet the plans are indefinite.

Due to the fact that it is very difficult to get new equipment, the club is not going to expand very much. However, plans are being made to fix up the studio. Artistic props and scenic backgrounds are also being sought.

The students to be initiated are John Enander, Albin Mikolaitis, William Donbrowski, Shirley Sexson, Robert Pogoff, Hugh Knobloch, Don Gipple, James Holland, Donald Albert, Herbert Schoen, John Conklin, and Robert Buckius.

The fellows in the new pledge class so far are John White, Sherman Weitzman, Grant Medin, A/S J. Byron Fanselow, Henry Hawrylewicz, Belle Kaplan, and Raymond Stryzek.

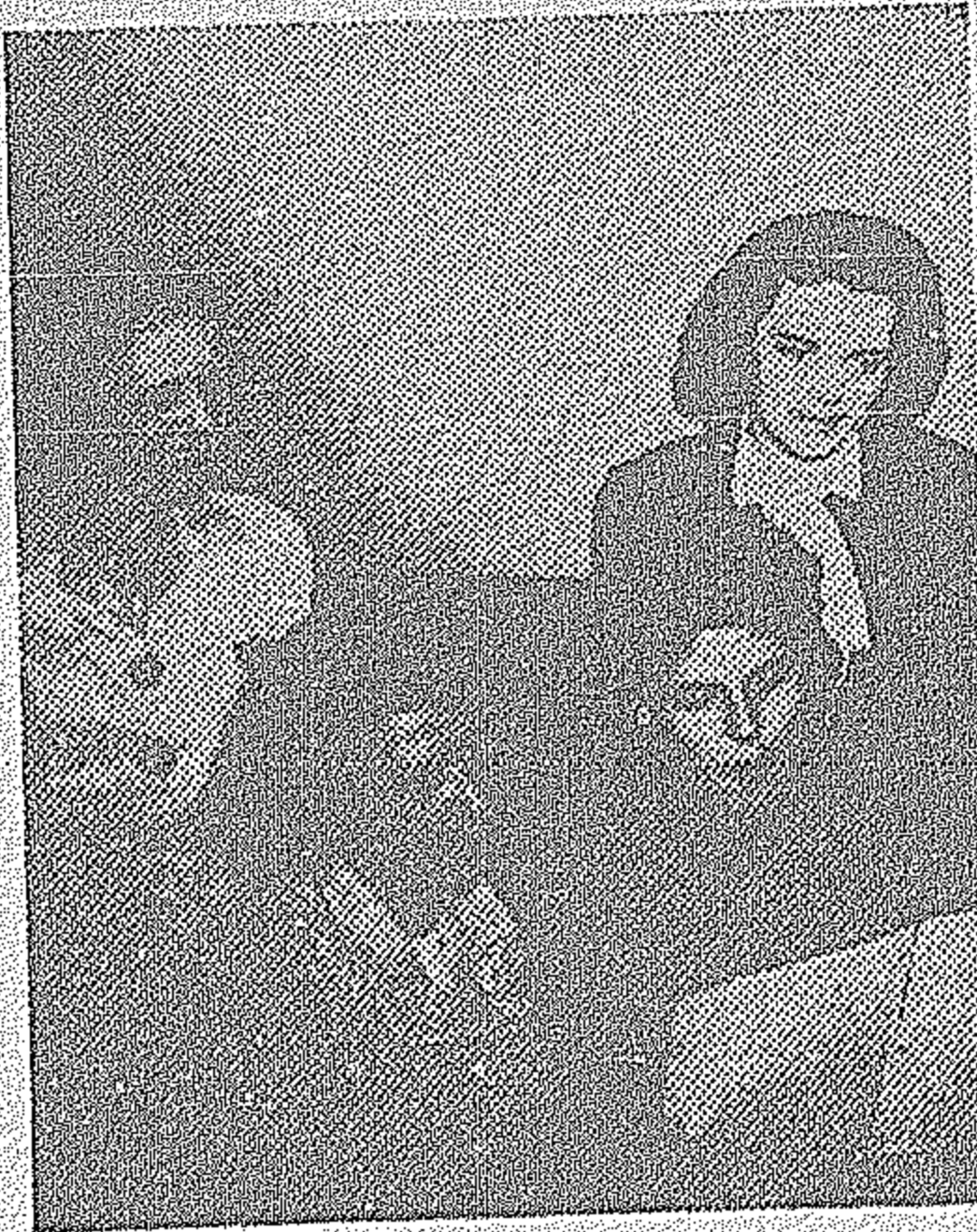
IAES to Hear Executive Speak on Aero Problems

Homer J. Merchant, eastern regional sales manager of the United Air Lines, will speak to the IAES at their meeting on Wednesday at 11:10 a.m. in 211C. Merchant will speak on "Problems of Airline Traffic Control."

Merchant's lecture will be non-technical. All aers, mechanicals and civils, as well as freshmen and sophomores who intend to take the aeronautical option are invited to attend. Milton Schwartz, chairman of the group, said that the IAES is accepting frosh and sophs for membership.

Schwartz said that the group will elect a secretary as well as discuss plans for the coming semester.

Lounge Committee



SECRETARIES ORGANIZE—Four of the five members of the executive committee for the women's lounge are looking over one of the proposed ideas for the room. Standing are Emily Muuss, left, and Ruth Leitch. Ethel Hammill, left, and Yvonne Kustudich. The fifth member of the committee, Agnes Burge, was not present at the time.

Secretaries to Obtain Lounge

The executive committee for the lounge now being built for women at Illinois Tech was recently chosen by IIT secretaries. Members of the committee are Agnes Burge, Ethel Hammill, Yvonne Kustudich, Ruth Leitch, and Emily Muuss.

Committee members were chosen in a general election in which no nominations were made but where each voter placed her five choices for office on the ballot.

Furniture and paper have been selected for the new lounge and decorating should be completed early in September. In the mean time a constitution and by-laws are being drawn up and will be submitted for the club members at their first meeting which will be held after the lounge is finished.

Activities for the club will be discussed at the first meeting. Because many secretaries are now on vacation, the club plans for no social events in the immediate future.

New P-Mate Saw Combat in Pacific

First Class Pharmacist's Mate Charles D. Speer is the latest addition to the ship's company of the V-12 unit stationed at Illinois Institute of Technology. He is a veteran of the South Pacific, being attached to the famed first marine division.

Speer has seen action in the battle of the Russel Islands. He was in the thick of battle on an island which is located thirty miles from Guadalcanal. This battle took place last Christmas morning.

While in the South Pacific he was stationed in Australia, New Zealand, and New Guinea.

He has been in the service four years and three months.

His home is in Johnstown, Ohio. Prior to his enlistment he was a clerk. He also attended Bowling Green College.

Speer claims that he regrets that he had to leave Australia because the women there meet a man's expectations much more so than American girls do.

Vesconte Will Operate A. C. Calculating Board

Dr. Hobson, director of Illinois Tech's electrical engineering department, recently announced that L. B. Vesconte will operate the new A. C. Calculating Board which will be installed in the near future.

Vesconte is a graduate of the University of Minnesota and has had extensive experience in A. C. power systems and the operation of the A. C. Calculating Board.

He recently served as consultant to several power companies which are participating in the purchase and installment of the calculating board at IIT.

John I. Yellott, Head of Gas Institute, Speaks About Utilization of Manpower

John I. Yellott, director of the Institute of Gas Technology, spoke on the "Effective Utilization of Manpower in Industry, Agriculture Through Training," in Madison, Wis., on Friday, August 4. He spoke at a training institute sponsored by the Manpower Commission's State Education Training Council.

Rifle Club Will Conduct Class

C. E. Martin will instruct a class in rifle technique provided he can get enough interested students. As yet, there aren't enough fellows interested to form the class. One class is almost organized, lacking only about two or three students. This one will probably be given on Wednesday from 9:00 to 12:00 in the morning. If there is great enough demand, Mr. Martin will teach another class on Thursday morning. It is not necessary to belong to the club to take this course.

The club is now organizing a round robin in order to determine the best marksmen and to provide intra-club competition. The results of the round robin will be posted.

A/S James Ransom has been elected president of the club and Shirley Sexson now holds the office of secretary-treasurer. John Burns was elected range officer.

A committee for revision of the constitution will be elected shortly. The purpose of this is to delete outdated portions and bring the constitution up to date.

Lt. M. P. Andersen Receives Promotion

Lt. M. P. Andersen, executive officer of the Illinois Tech V-12 unit, has been promoted to a lieutenant senior grade according to statement released from the navy office.

Lt. Andersen has been the executive officer of the unit since its beginning last July.

Honor Board Rules Will Soon Be Issued

A detailed explanation of the honor system, its aims, and its regulations, will be presented in a pamphlet soon to be issued to all students of Illinois Tech.

This fact was revealed today by A/S Tom Kilgariff, chairman of the board. Kilgariff further stated that the pledge cards that all students should have signed upon entering IIT are being revised and those who have not signed the forms will be requested to do so.

A meeting of the Honor Board will be held on Tuesday at 5 p.m. in the ITSA office, Kilgariff added.

Yellott was designated as the standing young man of 1942 by the Illinois Junior Chamber of Commerce and was formerly named standing young man of Chicago the Junior Association of Commerce of Chicago.

He was given these awards IIT's director of war training. He has supervised the training of more than 48,000 persons for war work. More war technicians have been trained in this program at IIT than any other privately operated college in the country.

Yellott, besides all his other work, finds time to pursue from cover to cover all the important newspapers and periodicals in a study of news and to commute between Washington, D. C., and Chicago to keep himself on the inside of the latest developments in the nation's capital.

Another of Yellott's achievements was to set up at IIT the nation's first specific, technical courses for women to prepare them for war jobs.

Since these courses have been opened, women have taken drafting, chemistry, metallurgical techniques and industrial engineering. There have been 6299 women entered in the courses up to the present.

President Roosevelt's Committee for the Conservation of Manpower in War Industry requested Yellott to take the responsibility of being in charge of the industrial safety school in Chicago.

Yellott directed the organization of IIT's explosives safety school, the first and to date, the only one of the nation. The students are safety experts in their own right before they begin this advanced training plants throughout the country to prevent all kinds of accidents in the plants.

Civil Society Elects Hiramoto as Leader

John Hiramoto was elected president of the American Society of Civil Engineers at its first meeting on Wednesday, August 2.

Other officers elected were A/S Earl Danielson, vice-president; A/S Oscar Anshicks, secretary; A/S Murray Percival, treasurer. A/S George Slaughter and A/S William Horn were elected as representatives to the Western Society of Engineers.

Twenty-one members attended the meeting.

Fraternities

Sigma Alpha Mu To Have Stag Party

A stag party is to be held August 19, by Sigma Alpha Mu, according to Daniel Mittman, social chairman. Among the entertainment will be movies about the other chapters of Sigma Alpha Mu.

William Heller '41, an officer on a B-29, visited the chapter last Wednesday.

Free subscriptions for *Technology News*, will be given to all fratres who have left for the service since February, 1943.

Pi Kappa Phi Pledges One Man, Don Albert

Another pledge has been added to the newcomers to Pi Kappa Phi. He is Don Alberts and was pledged last week.

At a meeting on Wednesday, the Pi Kaps planned a picnic for August 20. The location as yet is undecided. According to Archon Doug Snyder a pledge meeting will be held today at 5 p.m. in 405M. A general meeting of the fraternity will be held on Wednesday.

Alpha Sigma Phi Will Meet on Wednesday

Alpha Sigma Phi will hold its monthly business meeting in the Old Town room at the Hotel Sherman on August 9. In the past refreshments have been served and this meeting will be no exception, according to A/S Don Hedeon.

The nine new members are still undergoing the process of being pledged into the fraternity, and they will not become official members until the end of the current term.

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