



By Albert M. Lane

THE HEAVY INCREASE in the volume of export business shown by reports of October foreign shipments is significant. An examination of the report revealed that the total gain is to be credited to Italian government orders for materials to be used for military purposes and that American shippers have generally disregarded President Roosevelt's warning against trading with belligerent nations in commodities which might be so used. The report substantiates earlier predictions that exporters of oil, steel scrap and copper would test the strength of the president's warning rather than gracefully accede by spurning the lucrative Italian market; and it explains, in part at least, the activity and enthusiasm with which the producers are bidding against each other for Italian contracts.

ALTHOUGH THE government has issued during the last few days a series of demands that the shippers recognize the warnings as indirect embargo orders and has threatened the owners of subsidized carriers with financial reprisals, there is considerable doubt that the trading will be terminated unless more specific and more drastic action is taken. It seems that the government will have to enact specific and drastic embargo regulations if the traffic is to be stopped. Under ordinary circumstances of volume demand for materials with which to prosecute a war the profits are temptingly large, but the conditions that will obtain in the Italian situation by virtue of the implied limitations of supply, resulting from the invocation of League sanctions, will so materially enlarge the trading margin that the temptation will graduate to an obsession. The hunger for so great a return will nullify whatever little aversion to gambling may now exist with corporation directors. However weak the financial position of the Italian government may be, whatever the action of League members toward enforcement of a blockade, the lure of disproportionate returns will be the inspiration for defiance of governmental restraints.

VIEWED ALONE in the light of the current state of industry, the situation might be considered rather fortunate, for it is obvious that the Italian demand is of sufficient magnitude to substantially relieve employment. But there is present in the pack the usual joker. The financial standing of the Italian government three months before war was declared was more than merely satisfactory. British shippers had been at that time sufficiently aggravated by the enormity of unpaid Italian credit as to refuse to make further allowances. They were then refusing to accept even short time Italian paper. All coal shipments to Italy were made on the cash on delivery basis.

SUBSEQUENT PREPARATIONS for war, along with its prosecution, have further depleted the treasury. The gold reserve, which in July had sunk below the forty per cent low limit, is rapidly reaching the point of exhaustion. No figures are available which would reveal the extent to which Italy is now indebted to

Wieting Is Delegate to Scarab's Conclave

W. S. Wieting was delegated to represent Edfou, the Armour temple, at the regular annual convention of Scarab, professional architectural fraternity. The convention met in Kansas City last Sunday and made a tour of the city before convening yesterday. Later in the day the group visited the University of Kansas. The convention adjourns today.

Progress Made on Cooperative Plan

Whether or not Armour is to install a co-operative mechanical engineering course in conjunction with industry will probably be decided before Christmas. A final report will have been presented to the Board of Trustees by that time.

General Hammond, who is the driving force behind the plan, is now sending invitations to manufacturers in the Chicago area for a meeting of the Metal Trades Association and Illinois Manufacturers Association to be held at the Palmer House on December 12. Mr. Hammond will be the next president of the latter group. A complete resume of the problem will at that time be offered to the group. The purpose of the meeting is to determine if there are enough eligible employers to make the plan practical.

City Tunnel System to Be W. S. E. Topic

For the W. S. E. meeting December 6, Mr. J. F. Peterson of the Chicago Freight Tunnel Transport Company has been obtained as speaker. He will talk on the tunnel system in Chicago.

A general assembly will be held at 10:30 Friday morning, December 13, at which time Major G. F. Lee, police magistrate of Maywood, Illinois, will give a strictly informal talk on his war experiences.

The Armour branch of the W. S. E. will hold its semi-annual smoker Friday evening, December 13, at the Triangle fraternity house.

Pledge Nine Men to Musical Fraternity

As a result of an examination held at the Pi Kappa Phi house in conjunction with a smoker on November 14, nine new members have been pledged to Pi Nu Epsilon, the honorary musical fraternity. The present members of the society are: M. B. Stevens, president, A. J. Rehling, secretary-treasurer. The pledges, J. J. Doudera, R. H. Knabe, E. A. Kreft, F. Jost, R. M. Lundberg, P. Martin, P. R. Schultz, A. J. Strazz, and E. J. Wolniak were pledged at a meeting held in the Salamander rooms on November 18. They are now working on 3000 word themes, on a musical subject, which are required for their entrance.

Sophomores Discuss Selection of Jacket

Several jackets were modeled and suggestions for a style of class jacket were made at a sophomore class meeting last Friday.

A variety of styles were suggested; some wanted suit coats, others corduroy jackets, while some preferred the regular campus coat. Because of a misunderstanding only one company submitted samples at this meeting. A representative of A. G. Spalding and Company was present at a meeting held during the lunch period yesterday to show several models of jackets.

Armour Campus Club Initiates Twelve Men

Twelve new pledges were initiated into the Campus Club last Friday night at their annual fall smoker which was attended by several of the alumni. After the pledges had completed their assignments and had been duly paddled, they read themes, which they had already prepared, before the assembly.

The men who were initiated were T. P. Doheny, K. A. Fiala, C. B. Folkrod, B. H. Griesbach, R. Harwood, E. Kreisel, J. A. Kubik, R. F. Napier, E. J. Simek, W. M. Underwood, T. H. Waldron, E. J. Wolniak, and R. W. Young.

SENIOR INFORMAL TO BEGIN PARADE OF SOCIAL EVENTS

Music to Be Provided by Emil Flindt's Orchestra

ONLY A FEW BIDS LEFT

According to present indications the first major social event at Armour this year, the senior informal, which will be held on the evening of November 29 in the Grand Ball Room of the Medinah Club, will be one of the most successful staged in recent years.

Success Doubly Assured
R. M. Paulsen, chairman of the senior social committee, attributes this to two main reasons, the first that the senior class is offering a \$2.00 dance for \$1.50; the other that Emil Flindt's orchestra ranks among the best of the orchestras that have played at recent Armour dances.

Sponsors of the dance are Professor and Mrs. H. Ens, Dean and Mrs. H. T. Heald, Professor and Mrs. H. L. Nachman, Professor and Mrs. C. E. Paul, Professor and Mrs. W. L. Suter, and Mr. W. N. Setterberg.

Bids Going Fast
Only 225 bids are being sold for the dance, most of them having been purchased. Bids may be obtained up to 5 p. m. tomorrow, if any remain. Since there is no school Thursday and Friday due to the Thanksgiving recess, it will be necessary to obtain them by Wednesday. Reservations will be made today for the tables.

Through a special arrangement with Emil Flindt the Armour fight song and the Alma Mater will be played by the orchestra during the evening.

Ample parking space is available on Michigan Boulevard, Grand Avenue, and on the level directly below the Michigan Avenue entrance.

A.I.Ch.E. to Have Two Speakers at Meeting

Two speakers will be featured at the A. I. Ch. E. meeting scheduled for Friday, December 6. Mr. W. N. Setterberg, Institute placement officer, will deliver a short talk on the various aspects of vocational adjustment and job getting so pertinent to graduating seniors, while John H. Johnson, a senior, will speak on "New Light on Film and Dropwise Condensation."

The latter talk is also to be presented at the joint meeting with the local senior chapter on December 11, and will serve as a guide for other men on the program. H. P. Milleville, chairman, announces that the organization for the joint meeting is complete. Men who will appear on this program as speakers have been selected and are getting their material in shape.

"Dust of the Road" Is To Be Next Play

In contrast to their recent comedy, "The House of Juke" given last week, the Armour Players are planning to present "Dust of the Road" just before the Christmas holidays. Try-outs for parts in the forthcoming play will be held tonight under the direction of Professor Hendricks. According to Richard Lischer, the president of the Players, any student may participate in the group and everyone is invited to try for a part in the next play.

Richard Lischer said, "The student body seemed to thoroughly enjoy 'The House of Juke', and we are going ahead with our plans for a balanced play season. Our Christmas play will be one in keeping with the holidays and will portray the struggle between conflicting emotions in a modern setting. A large group of new men have joined the Players and we will welcome any more who wish to join."

W9YW to Contact College Amateurs

Plan Radio News Service for Armour

Should the efforts of the Radio Club materialize, the Armour Tech News will soon be able to get news of other schools via the ether. In an effort to bring about regular communications between the Armour group and radio organizations at other schools, the Radio Club has made contacts from which it is hoped a radio news relay system will be established.

That the news will cover a good part of the world is evident from the contacts and cards received from all parts of the country as well as Canada and Mexico.

To enable the Radio Club to be on the air consistently, the transmitter committee has erected a new 279 foot transmitting antenna, adding greatly to the range of the station. In addition a 2 kw., 2,200 volt motor generator set is being installed. At present the Radio Club's equipment is such that allows for successful reception of distant stations. Low frequency equipment is being installed and will enable local reception.

According to L. Holmes, president of the club, thirteen licensed amateurs keep station W9YW on the air practically every hour of the day. Several new members have been admitted to the club and will be given code and theory instruction to enable them to obtain a government radio operator's license.

First Dance of Year Held by Frosh Class

After an active sales campaign the freshman social committee announced last Friday that their dance ended well in the black. A general vote of approval went to the clever green and gold program. The dance at the Trianon went smoothly, starting at 8:30 and continuing until 12:00 o'clock.

B. Anderson, social chairman, is intending in the near future to make arrangements for a freshman smoker.

Rifle Club Schedules Meet for December

Five meets have been scheduled by the Rifle Club, and contacts with other schools are being made to secure some others, it was announced last week. These contests are carried on through the mail, each team sending its results to the other at a certain date. At a meeting of the club last Thursday, the meets were discussed, and it was announced that practice would be held in the Wentworth Armory at one o'clock on Saturdays.

The first match is with the University of Akron, results having been mailed on November 14. Then follow three meets with the Jefferson City Pistol and Rifle Club during the weeks ending Feb. 8, Feb. 15, and Feb. 22. The other contest is with the University of Iowa during the week ending March 14.

Evening School Has Large Registration

With the Evening School courses well under way, the enrollment shows an increase of 178, or 22% over last year. The total enrollment October 24 was 802, while at the same time last year it was only 624. Mr. Kelly reports that the increase is due partly to the improved business conditions, the continued demand for the college trained men, and partly to the offering of college credit courses. Over 100 of the enrolled students are carrying two or more college credit subjects, which are given the same credit as the corresponding courses in day school.

Day school registration, on the other hand has shown a slight decrease. The comparative enrollment by departments is tabulated elsewhere.

A. T. A. A. CONSTITUTION IS TOPIC AT NEXT ASSEMBLY; NEEDS STUDENT APPROVAL

Changes Made to Benefit Student Body; Sections of Old Constitution Inapplicable

BASKETBALL PEP MEETING SHARES PROGRAM

Because of the Thanksgiving holidays, there will be no issue of the Tech News next week. The next issue will appear Tuesday morning, December 10.

Revised and brought up to date, the constitution of the Armour Tech Athletic Association, first adopted in 1922, will be submitted for the approval of the student body at a general assembly in the near future. The occasion will probably be a pep meeting before the first varsity basketball game of the season, to be played in the 108th engineers' armory on Thursday, December 5, against Arkansas.

Published last week in its complete form in the student handbook and directory, the new A.T.A.A. constitution has yet to be accepted by the student body, but by the time of the meeting most Armour students will probably be familiar with it.

The text of the new constitution follows closely that of the old, most of the changes being of an accommodating nature, prompted by changes at the Institute which made the old constitution inapplicable.

Revision by D. J. Neal
In great part, the work of preparing the revised form of the constitution was done by Donald J. Neal, president of the A.T.A.A. The new form has been approved by the Board of Athletic Control.

Difference between the constitution as given in the handbook and the form now in effect are, in detail, as follows:

Name is Changed
In Article I, the name of the association has been changed from "Armour Tech Athletic Association and Student Union" to "Armour Tech Athletic Association."

The section under Article II—"Object," reading "Passing and enforcing such acts as it may deem advisable for the government and regulation of the student body providing that such legislation is approved by the Executive Council of the Institute," has been omitted, since the Executive Council is no longer in existence, and without the section, the Board of Athletic Control, representing the student body and including in its membership the president, the dean, and the treasurer of the Institute, is given the other powers listed under "Object" without recourse to any other group.

Alumni Omitted
Under "Membership," in Article III, the new form of the constitution leaves out alumni as being eligible.

Article IV of the new constitution is entirely new.

In Article V of the new constitution the term "advisory council" is no longer applied to the Board of Athletic Control.

Also, in Section 2 of this article, the listing of members of the Board of Athletic Control replaces one which included, beside the student members, the Executive Council, no longer in existence, and three faculty members.

The other two sections of this article were not included in the old constitution.

Nominating Committee Detailed
Under Section 2 of Article VI, the old constitution merely stated that the nominating committee shall consist of five students.

Section 5 of this article formerly

Postpone Math Club Meeting to December

Due to the unexpected sophomore class meeting and the special meeting of the A.S.M.E., the Math Club postponed the talk scheduled to be presented last Friday at 10:30 a.m. Roy Kercher, who was to have spoken on "Statistics" will address the next meeting.

Date Chosen for Junior Informal

Friday, December 20, is the final date chosen for the annual junior informal, which will be held this year in the Boulevard room of the Stevens Hotel. After hearing a number of orchestras, Oreste Tomei, junior social chairman and the social committee selected Roy Lind and his orchestra to supply the music.

In keeping with the student demand for better dances at lower prices, the social committee has kept the price of bids down to a minimum of \$1.50. The dance floor is one of the best available in the Chicago district and since there will be no tables there will be plenty of foot-room for the dancers. Connected with the room are adequate lounging facilities and a spacious check room.

The junior social committee consists of the members of the junior commission who are E. H. Brink and W. A. Chapin, F. Hackman, E. Kreml, F. L. Leason, R. J. Magnuson, C. Saletta, J. C. Stern, O. A. Tomei, and L. E. Zwissler.

Bids will be on sale after the Thanksgiving vacation and may be secured from any of these men.

A. Lane Analyzes Automatic Drive

Acting as consultant for a group backing a new invention, A. M. Lane, a senior in the department of mechanical engineering, has recently completed an analysis of an automatic transmission for automobiles. The transmission, invented by a former coal salesman lacking in engineering knowledge, was presented to several engineering companies for analysis, although none were able to complete it. About a year ago the transmission was given for analysis to Lane, who completed it last summer. Professor Mangold of the mechanics department checked Lane's calculations and agreed with him as to the feasibility of the idea.

Model in Operation
A model of the transmission has been completed and was in operation last week. Professor Nachman when asked his opinion concerning the apparatus said that if the transmission proved to be economical and efficient, it would be very desirable in view of the ease of operation of an automobile. It is not yet at a stage of construction and testing to say whether or not the transmission will prove successful. Further work on it is being continued by Lane, who plans to make larger models for testing.

All patents on the automatic transmission are being handled by Charles W. Hills, Jr., an Armour graduate and member of the board of trustees.

Helped Design Pullman Drive
Lane was connected with the design of a model drive successfully used on the Pullman Railplane. He also appears as inventor and co-inventor of several types of automatic transmission, the patent having been assigned to the Automatic Transmission Company of Rockford, Illinois.

At Armour, Lane is president of the student branch of the A.S.M.E., a member of Tau Beta Pi, and Pi Tau Sigma, and writes "Sidelines" in the Armour Tech News.