

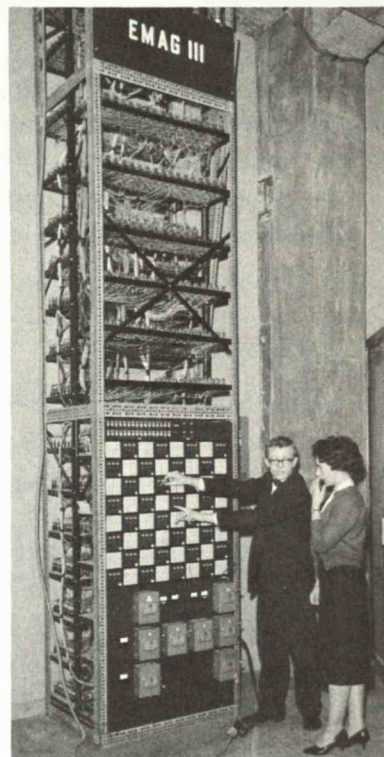
EMAG AGAIN

In November '59 Tech Talk described the wanderings of a fourteen-foot-high, 1,200 lb. digital computer, the National Science Fair brainchild of David Ecklein ('63) of Cedar Falls, Iowa.

EMAG III (game, backward) had played checkers in Iowa, New York and Connecticut -- winning both prizes and scholarships for David. But last year it was shipped, homeless, to Cambridge. Not only was it too big to store anywhere, but it had also developed the disconcerting habit of cheating -- making impossible moves and playing with pieces that didn't exist.

It finally came to rest in the Museum of Science and this past vacation David got time to fix it. Now it is set up just inside the main door of the museum. Starting this Friday at 7 p.m., he's going to demonstrate EMAG III for an hour each week.

"The only trouble is," says David philosophically, "You can't guarantee when it's going to break down." Even at EMAG's most temperamental, though, it's fascinating. And the Museum of Science is trying very hard to find a sponsor for the computer, so that they can buy it for permanent exhibition.



EMAG and David -- entertaining

ACCOUNTING RECOUNT

For MIT the matter of paying its people and bills has become big business. Each year the Accounting Office sends over 60,000 checks to vendors and handles over 144,000 invoices. To report earnings for everyone, it uses over 14,000 W-2 forms.



Miss Marian Ainley discusses new Bldg. 5 quarters with RFO's Dick Sears

Since 1940 the picture has been made more complex by the many research contracts which MIT holds, and for which there exists an elaborate system of contract cost accounting in the Research Fiscal Offices.

This week the Cambridge RFO (Rm. 5-330) and the Institute Accounting Office (Rm. 24-211) combined their work activities -- to simplify the process and set the way for the use of more sophisticated data processing machines.

Rm. 5-330 will now be called the Comptroller's Accounting Office and 24-211, the Comptroller's Payroll Office. Physically, there's still a very long walk between. To consolidate as much as possible, the 12 people involved with Accounts Payable, Accounts Receivable and General Ledger activities, with all their machines, will move over to Bldg.5,

and their places in Bldg. 24 will be taken by the DSR Payroll section. In addition a small group will move from Bldg. 5 to the DSR office.

Associate Comptroller John A. Little says that preparations for the move have been far from calm. One of the biggest jobs was making more space by cleaning out the RFO files. They finally managed to condense them to 110 cabinets. (Not including four rooms of dead files in the Metropolitan Storage Warehouse). Only unfortunate victim to date was Abe Foster (Physical Plant moving crew) whose broken foot will testify to the weightiness of accounting files.

The Budget Section and the section accounting for Investments, Pensions and Insurance will stay where they are. Travel Tickets can still be obtained in 5-330.

New routes for paper work:

Payroll sheets to 24-211; all approved invoices and requests for payment to 5-330; checks for all payments, including the research weekly and 15th of the month checks will be available in the Bursar's Office.

On Monday new telephone extensions were effective for most people involved in the switch. If you haven't received one in the mail, they are available by calling Miss Loeb on Ext. 4494.

FOR TBS: FM

Sure-footed workmen on Walker's roof, last week, attached the new antenna for WTBS/FM. At 88.1 megacycles, they'll be broadcasting from new quarters in Rm. 50-030.

Except where Bldg. 16, et al, get in the way staff members calculate they'll have a transmitting radius of four miles. Effective radiating power will be 17 watts, transmitting--10 watts.

Manned by a group of some 70 students, TBS will continue to broadcast AM to dorms. Earliest program tests will probably be on March 24. Also on that day the station will hold an open house to show off its new studios to old and new listeners.

WITH GOOD CAUSE

This week the Red Cross Bloodmobile is over at Kresge. If you haven't made an appointment, you can still sign up on the spot. Hours are from 9:45 to 3:45 and it takes about a half-hour to donate. Miss Grace of the Cambridge Red Cross reminds that it's better not to eat fat or starchy foods before giving blood -- juices and light foods are best.

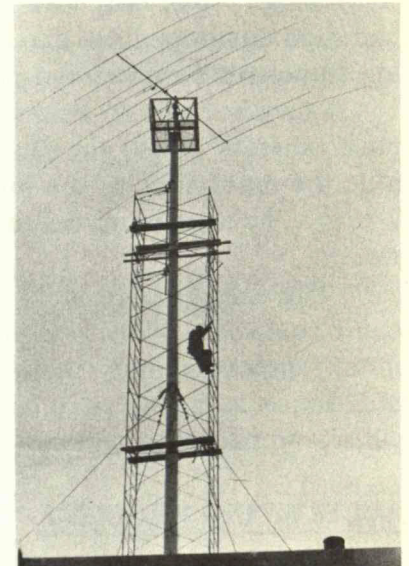
MIT people used more pints of blood than they gave last year, and our account is somewhat overdrawn. If we can't contribute substantially, this service to us can't be continued. And this is the season when supplies are lowest; need, greatest.

. . . AND LEAVE THE DRIVING TO US

All speculation to the contrary, the Pierce Arrow truck in the parking lot between Bldgs. 1 and 3 does not belong to a spartan professor. But for three weeks it has been readied to haul some heavy MIT goods across country.

It was decided last summer that the old steam lab in Bldg. 3 must be used for classrooms, and Prof. Wadleigh (Mech. Eng.) was delegated to find a new spot for its antique steam engines. He wrote to the Museum of Steam and Marine Engineering in St. Louis, and their secretary, Hans Hinrichs, was overjoyed with the idea of having them.

Only trouble was transporation, which the Museum (whose main assets are relics) just



Uncle Elmer's?



The old, compact model

couldn't afford. At the suggestion of Ed Nealand (MIT Purchasing Director), collector Hinrichs wrote to the New York Central Railroad. They, unfortunately, were all booked up for free freight -- and trying to settle a strike.

MIT was getting anxious to be rid of the engines and start on the classrooms. Mr. Hinrichs suggested that perhaps we could dismantle and organize the equipment for shipping, but there were neither men enough nor sufficient apparatus.

Finally a friend of Hinrich's in Boston came up with the solution -- an antique Pierce Arrow truck, vintage 1914, which would be a fine addition to the museum. Why not load it with engines and drive to Missouri?

So for the past three weeks he and his riggers have operated on 23,000 lbs. of engines. Total load will be

divided between the truck and a trailer -- a Corliss steam engine, Otto gas engine, Daimler Benz and Liberty aircraft engines.

The trip to Missouri, however, will be postponed until fall, when Hinrichs will try to find a driver. If no one volunteers, he'll have to do it himself. It will be a long trip: Pierce Arrow's top speed is 17 m.p.h; her tires are solid, and there are no springs in the driver's seat. Also needed is a place to stow the whole operation -- truck and engines -- from now until September. Does anyone have room?

CENTENNIALLY

To batten the hatches for Centennial week will take a good month. Physical Plant has already started their machinations.

Under construction in the Cage, scene of the largest activities, is a speakers platform to hold the 450 delegates who will be present at Sunday's Convocation (April 10). It will stay up until June, replacing the 11-year-old Commencement platform. On April 18, it will be lowered for tables for the Faculty Ball, and it will also be used for the Science Fair later in the spring. Steelwork has gone up for a TV camera platform above the audience and a band platform will be constructed for the MIT Symphony.

Secretary of State Dean Rusk will be the principal speaker on Friday afternoon at 3 p.m. Station WGBH will broadcast most of the sessions on TV and FM, and closed circuit TV in Kresge and the Armory will provide for overflow crowds on Friday.

Enclosed is a program of Centennial Week activities, and a letter will go around soon, describing the ticket situation. With the hundreds of guests and alumni who will be attending, however, not all the Institute family will be able to go.

HERE AND THERE

Tech Charter Flights announce their summer schedule of European trips for students, staff, employees and their families. For \$283 round trip: June 12-Sept. 12; June 26-Sept. 5; July 5-Aug. 2; July 10-Aug. 14; July 16-Aug. 4; July 24-Aug. 14 (jet). For further information contact Vijay Shah, CO7-4610 (after 7 p.m.)

PRELIMINARY PROGRAM * * * THE CENTENNIAL CELEBRATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY * * * APRIL 6, 7, 8 and 9, 1961

FRIDAY, APRIL 7

10:30 a.m., Rockwell Cage, First General Assembly. Summaries of the International Conference on Scientific and Engineering Education.

Max F. Millikan, Professor of Economics and Director of the Center for International Studies; Martin Deutsch, Professor of Physics; Elting E. Morison, Professor of Industrial History; Walter A. Rosenblith, Professor of Communications Biophysics.

3 p.m., Rockwell Cage, Second General Assembly. Address by Dean Rusk, Secretary of State.

8 p.m., Rockwell Cage, Third General Assembly. Address by The Right Honorable Harold Macmillan, Prime Minister and First Lord of the Treasury, United Kingdom of Great Britain.

SATURDAY, APRIL 8

10 a.m., Rockwell Cage. How Has Science in the Last Century Changed Man's View of Himself? Jerome S. Bruner, Professor of Psychology, Harvard University; Aldous Huxley, Visiting Professor of Humanities, M.I.T.; J. Robert Oppenheimer, Professor of Physics and Director of the Institute for Advanced Study, Princeton; Paul J. Tillich, Professor of Systematic Theology, Harvard Divinity School.

10 a.m., Kresge Auditorium. The Future of the Arts in a World of Science. Lukas Foss, Professor of Music, University of California (Los Angeles); Howard Mumford Jones, Lowell Professor of Humanities, Harvard University; Louis Kahn, Chief Critic of Advanced Architectural Design, Yale University.

10 a.m., Compton Lecture Hall. The Future in the Physical Sciences. Sir John Cockcroft, Master of Churchill College, Cambridge University; Richard P. Feynman, Professor of Theoretical Physics, California Institute of Technology; Rudolf Peierls, Professor of Mathematical Physics, University of Birmingham, England; Chen Ning Yang, Professor of Physics, Institute for Advanced Study, Princeton.

2:30 p.m., Rockwell Cage. Arms Control.

Paul M. Doty, Professor of Chemistry, Harvard University; Herman Kahn, Physicist, The Rand Corporation; Richard S. Leghorn, Founder and President, Itek Corporation; The Right Honorable Philip J. Noel-Baker, Member of Parliament, London.

2:30 p.m., Kresge Auditorium. The Life of Man in Industry.

William O. Baker, Vice President — Research, Bell Telephone Laboratories; Edwin H. Land, Chairman of Polaroid Corporation; Frank Pace, Jr., Chairman of General Dynamics Corporation; William H. Whyte, Assistant Managing Editor, "Fortune" Magazine

2:30 p.m., Compton Lecture Hall. The Future in the Life Sciences.

George W. Beadle, Chancellor of the University of Chicago; Peter B. Medawar, Jodrell Professor of Zoology and Comparative Anatomy, University College, London; Hermann J. Muller, Distinguished Service Professor of Zoology, Indiana University; Dr. Jonas E. Salk, Commonwealth Professor of Experimental Medicine, University of Pittsburgh.

SUNDAY, APRIL 9

3 p.m., Rockwell Cage. Academic Procession and Centennial Convocation. Address by Julius A. Stratton, President.

8:30 p.m., Kresge Auditorium. Centennial Concert. Haydn's "The Creation", M.I.T. Choral Society and soloists, Klaus Liepmann, Professor of Music, conductor.