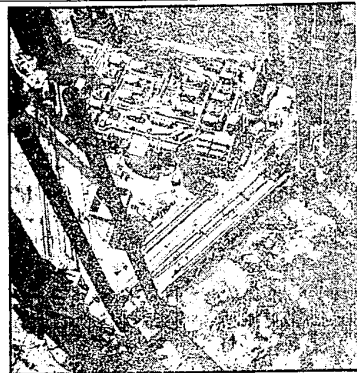




**BASEBALL BALLET**—Split-second action of the camera shutter stills these frantic Birmingham, Ala., baseball fans in poses as stylized as those of the ballet, as they all reach for a coveted foul during the Southern Association's annual All-Stars game.



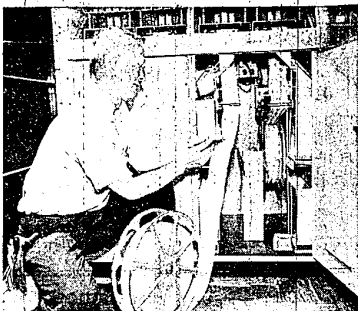
**"EYES OF TEXAS" ARE UPON THEM**—This is a helicopter-eye view of a "Texas Tower" being floated into position near Georges Banks in the Atlantic Ocean off the coast of Cape Cod. It will serve as a main radar station to house radar equipment as part of the nation's air-raid warning net. Developed originally for use in drilling for oil-shore Texas oil, the island is secured in position by jacking the smokestack-like tubes at each corner of the triangular island down to the sea floor.



**THEIR DREAM'S ARE COMING TRUE**—Dr. Werner von Braun, right, German-born rocket expert who is now chief of the Army's Guided Missiles Division, and Wally Ley, world-renowned exponent of space travel, meet in New York City as it becomes known that the United States plans to put the first man-made earth-satellite into the sky by the end of 1959. They are shown demonstrating how, by 1958, man may place in the skies a space station large enough to carry human crewmen and equipment for their survival. The station, a possible jumping-off point for moon and man's "last great adventure"—the conquest of space—would orbit indefinitely around the earth at an altitude of 1075 miles.



**HE'LL HAVE TO BE QUICK**—This Iowa State Conservation Department officer had better not waste any more time scratching his head over his department's assignment—a census of the state's rabbit population. While he's adding up totals, the bunnies, experts at multiplication, may well have census takers outnumbered before they acquire enough data to determine new dates for the hunting season.



**SWITCHMAN** Louis Finzel of the Michigan Bell Telephone Company plans to automate message accounting machine tape which will be used after August 21 to record charges for long distance calls dialed by one and two party Farmington telephone users. The machine, located in the new Farmington exchange building at Powers Road and Grand River, automatically registers all essential information formerly obtained by operators.

## Michigan Mirror

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like \$1.15 per hour (for an 84 hour week).

CPA figures also show that the gas station operator actually loses money on the gas he pumps and must count on income from service and sales of TBA (tires, batteries and accessories) to make a living.

Hub of the trouble, retailers feel, is that they are tied up too tightly by gasoline companies. The large companies, in most instances, own the station and lease it to the "owner." Lease provisions permit periodic increase in rent, so if the proprietor does a good job, his lease payments are increased.

Station operators are not free to handle TBA of their choice. They must deal with brands approved by gasoline suppliers and within terms set down by them. Station proprietors feel sure the large companies benefit financially from this arrangement. They are also sure they could do much better if gas companies left them a free hand to buy and sell tires, batteries and accessories under open market conditions.

**FRIED TURKEY?** That's right. This is another way of preparing one of Michigan's fancier fowl foods. Donald C. Miller, secretary of the Michigan Turkey Association, says fried turkeys have been served for four or five years, and are now getting more and more popular attention.

Miller might be called "Mr. Turkey" in Michigan. In addition to his work with the state's 1,000-plus growers, he is a poultry professor at MSU.

Incidentally, he says that consumers will be paying more this year for their Thanksgiving turkey than in 1954. "There was an oversupply last year," he explains. "People who bought turkeys then for 37 or 39c per pound were paying less than it cost to produce them." There will be fewer birds this year and demand is expected to be higher, he predicts.

Miller always the promoter of turkey. Miller hastens to add: "Birds produced this year will be better than ever before."

**Looking Ahead**  
By DR. GEORGE S. BENSON  
(Continued from Page 2A)

...and their 5,000,000 fellow conspirators in the 60 nations outside the Iron Curtain, that this central objective of Communism has now been abolished. It is the great goal that ties the Communists together. Of course, no Communist leader, in Khrushchev or elsewhere, has any desire to abolish it. Their present pose of "live and let live" is a strategy forced upon the Moscow bosses by internal troubles within Russia.

Herbert Philbrick, the always-loyal American who served for years as a secret FBI agent in the highest ranks of the Communist underground, fears that a great many Americans will be fooled by the "friendly" mask which the Red leaders are wearing these days. Philbrick, who writes a weekly column for the New York Herald Tribune, maintains direct contact with the Red underground through secret sources. In a recent column he reported:

"At secret meetings last week, the Reds were being told: It is impossible for capitalism to compete with Communism. Red instructors quoted the Cominform as declaring: 'The two world social systems—the world system of Communism and the world system of capitalism—are represented by two diametrically opposed courses of international policy—peace cannot be won without struggle.' To a Communist," explained Philbrick, "the meaning of the word 'struggle' is very clear: revolutionary overthrow of capitalist regimes and the establishment of 'Soviet Socialism' Republics."

## Distance Dialing

(Continued from Page 1A)  
out an available circuit when a call is dialed into it and rings any telephone in most of the nation's major cities in a matter of seconds.

Automatic accounting equipment will register each step of a customer-dialed long-distance call for billing purposes.

Finzel explained the accounting system works like this: information needed for accounting is automatically stored up, as calls are made, on reels of paper tape with equipment located in the telephone exchange. Holes are automatically punched in this tape in a coded pattern which can later be read and interpreted by accounting office machines.

These reels are taken daily to an accounting center where a battery of machines assembles, translates, sorts, summarizes and prints the information, thus making it ready for use in preparing subscribers' telephone bills.

The equipment, housed in neat metal cabinets with plastic windows, would appear to the layman to be a baffling mass of springs, magnets, switches, wires and more. There are, indeed, millions of precision-made component parts.

The "electrical brain" of the central office switching system recognizes, on each local call, whether the subscriber making it has flat-rate or message-rate service, or—if the call is for a more distant point in the metropolitan area which he can dial under the new system—whether the call is to be billed as a toll call. Thus it knows whether any record has been made of the call and, if so, in what detail.

All of the information to be recorded is first translated into numbers, which are in turn represented by tiny holes punched in varying patterns on a three-inch wide paper tape. In this way a record is kept, when required, of the calling and called numbers, and the month, day, and exact time to tenths of minutes at which the conversation begins and ends. Each of these entries is made on the tape in a fraction of a second.

Thus, immediately after dialing, both the calling and the called numbers are punched into the tape. These entries are controlled by the "electrical brain" of the switching system, which has memorized "imprinted" these numbers to set up the connection. Later, after the called subscriber has answered, the starting time of the conversation is recorded, and finally, as soon as the parties have finished talking, the time of disconnect is entered.

The tapes are cut daily and taken to the accounting office, where clerks feed them into the first of five successive machines. The first machine locates and groups together the various items of information on any single call—an ingenious operation required because the entry denoting the end of a conversation may appear on the tape at a point several yards distant from the starting entry. Between the two there may be many other items—records of hundreds of other calls.

Other machines in the series rapidly go through the basic mathematical processes of addition, subtraction, multiplication, and division. Certain relatively complex calculations are also made in converting the elapsed time of a call into chargeable units. A single machine can be set to deal with as many as eight formulae and will select proper one automatically in order to solve the problem.

The equipment also performs a variety of other office tasks.

## Invited To Hear Noted Florist

Members of the Farmington Club and others interested in flowers and gardening are invited to be guests of the Grosse Ile Garden Club on Wednesday afternoon, August 17.

The club has obtained Carl Starcker of Oregon, a nationally known flower arranging expert, to speak at the meeting. The talk will be presented in the Grosse Ile High School auditorium on East River Road starting at 1:45 p.m.

Starcker, a noted author and speaker in his field, owns his own flower shop in Oregon. He is now making a tour of the country to lecture before garden clubs and others interested in floristry.

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| HATS, Men's Felt | 60c                   |

| SPECIAL            | Week Ending August 29 |
|--------------------|-----------------------|
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**BOSTON BUTT**  
**Pork Roast . . . . . 43<sup>c</sup> lb.**

**SMALL LEAN BAR-B-Q**  
**Spare Ribs . . . . . 49<sup>c</sup> lb.**

**LEAN BUTT**  
**Pork Steaks . . . . . 49<sup>c</sup> lb.**

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