

MERRIMACK VALLEY WORKS NEWSLETTER



Vol. 2 No. 5

A Western Electric Publication

March, 1969

D2 Channel Bank Production To Begin At MVW In '69

BE SURE TO VOTE!

Towns in Massachusetts and New Hampshire will conduct their Annual Elections this month. Most Massachusetts towns will hold their elections on March 3. New Hampshire voters will cast their town ballots on March 11.

Do not neglect your duty as a responsible citizen, please—be sure to vote in your town election.

Dedication To Be Televised

The dedication of Western Electric's Corporate Education Center on June 10 will highlight observances of the company's centennial year, which began on January 1.

The ceremonies will be beamed live to major WE locations over closed circuit television. Later, a time capsule fashioned from an undersea repeater will be buried on the Center's site, near Princeton, N.J. The capsule will contain a TV tape of the ceremonies, tapes of talks on the latest WE products, and items of historical interest.

The company plans to take note of its "Century of Progress"—the centennial theme—through various communications media throughout the entire year.

Initial production of a new Bell System transmission system known as D2 Channel Bank will get underway at the Merrimack Valley Works during 1969.

The D2 Channel Bank is designed to combine and convert as many as ninety-six signals into four separate "messages," transmit them a distance up to 500 miles, then reconvert them into separate messages.

The D2 Channel Bank will add to the existing T-Carrier products currently being manufactured at the Merrimack Valley

Works, such as the D1 Channel Bank and T1 Repeater.

Whereas the D1 Channel Bank is intended for short distance or telephone exchange use, the D2 Channel Bank will provide long distance or toll use capacity.

The D2 Channel Bank will enable the operating telephone companies to eventually transmit over 8,000 simultaneous conversations over coaxial wire.

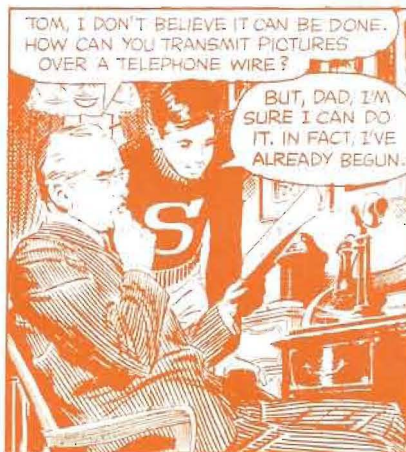
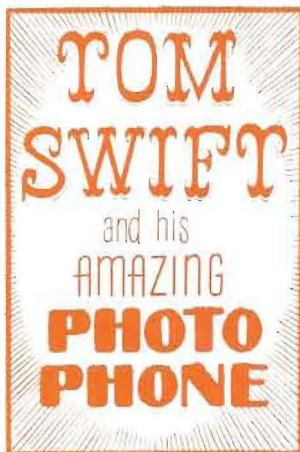
The Integrated Bay Shop, Department 1163, is currently assembling and wiring the first of the bays which will house the electronic circuitry for the first D2 Channel Bank.



NEW PRODUCT—Thelma Stewart, assembler in Department 979, and Calvin Yeaton, Senior Engineer, Department 143, look over the complex wiring of a Timing Generator Circuit Pack for the D2 Channel Bank, a new product which is soon to go into production at the Merrimack Valley Works.

TOM SWIFT AND MVW

Inasmuch as the Merrimack Valley Works is preparing for the production of Picturephone (R) equipment for the Bell System, employees at this WE location may be interested in this issue's presentation (see each page) of Victor Appleton's "Tom Swift and His Photo Telephone," one of about forty Tom Swift stories published between 1910 and 1940.





N. R. Mulick



H. W. Thorn



M. D. Walsh

Retirements

Nicholas R. Mulick, Department Chief, Department 428, will retire from Western Electric on March 16, 1969. Mr. Mulick, who resides at 26 Cutler Road, Andover, has more than thirty-nine years of company service.

Harry W. Thorn, West Pine Street, Plaistow, N.H., will retire from Western Electric on March 31, 1969. Mr. Thorn, a production analyst in Department 415, has over twenty-five years of service with the company.

Mrs. Marion D. Walsh, a layout operator in Department 974, will retire from the company on March 31, 1969. Mrs. Walsh, who has more than twenty-four years with Western Electric, lives at 24 6th Avenue, Haverhill.

JOIN BLOOD BANK TODAY

The exciting adventure of Tom Swift and his Photophone



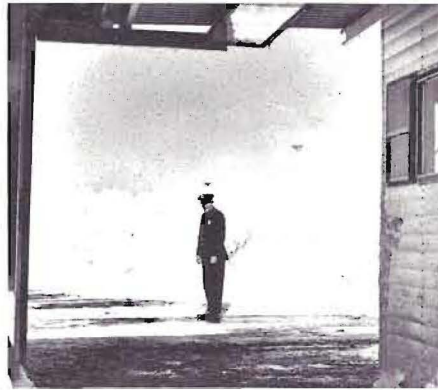
THE NEXT DAY...
THE KIDNAPPERS CALLED LAST NIGHT, TOM. THOSE FIENDS WANT MR. DAMON'S LAND AND INVENTIONS. THEY'VE DEMANDED ALL HIS PAPERS.
THEY'LL NOT GET A ONE. I HAVE A SCHEME TO FOIL THEIR EVIL PLAN.



LATER...AT TOM'S LABORATORY...
MRS. DAMON SAID SHE HEARD A BUZZING IN THE BACKGROUND WHEN THE KIDNAPPERS CALLED. THEY MUST HAVE CALLED FROM SOMEWHERE AROUND THE SAWMILL.
GREAT LUMBERJACKS! TOM, YOU'RE RIGHT!



WE'LL PLACE A PHOTO PHONE IN EVERY BOOTH IN THAT AREA. I'M SURE THE TELEPHONE COMPANY WILL GIVE US PERMISSION!
HOLY DEVELOPER! WE'LL GET A PHOTO OF THEIR DEVILISH LEADER.

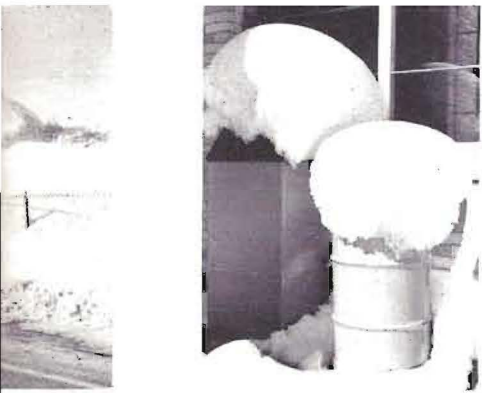


THE BIG SNOW

For the first two months of this winter, the Merrimack Valley area enjoyed a relatively sheltered life. The snowfall was hardly more than a slight salting, the temperature—except for one fiercely frigid spell—was seasonable, and nobody worried much about the groundhog.

But then came the fateful February 9, and with it came a howling, snow-furied





Northeaster, so violent that it buried the area in twelve to seventeen inches of snow, with drifts up to nine feet deep. Cities choked, towns strangled, and transportation foundered. Hardly had New England dug itself out when the Big Snow struck again on February 24 with equal ferocity.

These photos were taken at the Merrimack Valley Works in the aftermath of the winter's wildest storms.

*If winter comes,
can spring be far
behind?
—Shelley*



H. A. Riggin
40 Years

W. A. Conroy
30 Years

H. L. Gurley, Jr.
30 Years

Anniversaries

Name **Dept.** **Mar.**

FORTY YEARS

Riggin, Horace A. 493 4

THIRTY YEARS

Conroy, Walter A. 451 5
Gurley, Howard L., Jr. 8100 30

TWENTY-FIVE YEARS

Clocher, Ernest J. 423 1
Dirago, Mary P. 925 1
Anzaldi, John J. 974 2
Cuomo, Leonora V. 974 2
Whitmore, George E. 494 2
Saliba, Alice F. 923 3
Wooles, Rose 960 4
Goldthwaite, Mark 923 6

Name	Dept.	Mar.
Lavallee, Donald A.	973	6
Stoehrer, John	533	6
Wedgwood, Frances E.	973	6
Harrington, John	534	8
Ladebush, Leola S.	973	8
Murphy, Daniel J.	533	8
Chatigny, Alfred	973	12
Catanzaro, John	973	13
Thorn, Harry W.	415	13
Welch, Hannah M.	973	13
Iuele, Anthony J.	493	15
Smith, John F.	961	15
Giard, Andrew G.	925	16
Hartford, Charles W.	423	23
Ciardello, Ernest D.	423	29
Allen, Ralph L.	961	31

TWENTY YEARS

Johnson, Arnold G.	741	18
Gosselin, Leo J.	926	23
Dobbin, Rose M.	960	27
Parsons, Florence C.	979	27

FIFTEEN YEARS

Baker, Fred H.	377	8
Beland, Pauline G.	230	13
Cloutier, Thelma E.	562	18
Wagner, Norma H.	561	19
Giarrusso, Lucy M.	562	26
Gates, Edith G.	960	30
McDonald, Evelyn V.	562	31

GAS STATION SAFETY BOOSTED BY NEW LAW

A new law aimed at boosting safety in gas stations is now in effect in Massachusetts. Under the new statute, motorists stopping at Massachusetts gas stations for refueling must turn off the ignition and must not smoke.



*For the
exciting
conclusion
of
Tom Swift's
Photophone
adventure
see page 4*

Names, News & Notes

Thomas D. Mahoney, 1142, has earned a Suggestion Award of \$320 for proposing a change in a manufacturing procedure . . . Frank O'Donnell, Merrimack Valley Club coordinator, has been appointed to the Industrial Advisory Committee of the Massachusetts Red Cross Blood Program; he has been active for some time in scheduling and coordinating Red Cross Blood-mobile visits for the Merrimack Valley Club Blood Bank Program.

Asked "Which of these products or services do you think give you the (most) (least) value for your money?" half of the respondents in a recent Opinion Research Corporation survey said telephone service gives the most value; of the products and services listed, only electricity was given a higher value rating than telephone service.

Tired of snow and snow and snow? The 1969 New England Spring Garden and Flower Show will be held March 15-23 at Suffolk Downs . . . Ben Ardizzone, son of Mrs. A. Basso, Department 973, was a captain in the recent 1969 Spring-

field College Gymnastic Team Exhibition.

Britons who may be stumped as to what to have for dinner solve the problem by dialing a Dish For A Day service to get recipes; the service gets two million calls a day . . . A new open-air outdoor phone booth with a translucent dome, doorless and with a safety glass side will soon make the Bell System scene; it is intended primarily for use in public malls, cultural centers, and comparable areas.

Mass. Changes Auto Licenses

Massachusetts is about to change to the new four-year photo license statute which requires applicants to appear in person for an eye test and a photograph, according to Registrar Richard E. McLaughlin. To facilitate the new law, all Registry branch offices and the main office in Boston will be open on Monday nights until 8 o'clock, beginning on Monday, March 3.

Renewal Procedure

Renewal licenses will be issued as follows:

A form will be sent to each licensee by mail from the Registry of Motor Vehicles prior to the expiration date of the present license. The fee will be noted on the renewal application form. The form must be filled out with all questions answered and signed in ink by the applicant, who must then take it in person to a Registry office. An examiner will inspect the application and if it is in order, he will conduct an eye test. If the applicant passes the eye test, the examiner will process the form. The applicant's photo then will be taken and will appear on the license which will be presented to him on the spot. The whole renewal process will require about five minutes at the Registry counter.

Report Any Changes

Licenses are advised not to make any alterations in the printed information on

Did You Know That . . .

As we increase the miniaturization of our products, we also increase the value of our apparatus and equipment vastly. For instance, a tray of electron tubes in the not so distant past may have been worth about \$150. Today, however, a tray of transistors or diodes could be worth about \$15,000.

This emphasizes an important matter: we must be very careful that we treat these items with extra care to avoid substantial dollar loss in damage or actual loss of the miniature components. A transistor, worth about \$3, can very easily be dropped to the floor and be lost, as can tiny diodes or other very small items. Needless to say, such delicate components also can be easily damaged. Please use care, and help us to reduce our costs.

Promotion

Michael Swift, formerly Management Associate, Program Specialist, has been promoted to Section Chief, Personnel, Placement, and Security, effective February 1, 1969.

the face of the application they receive in the mail. They should report any needed changes to the Registry when they appear. However, changes of address should be noted on the reverse side and on the stub of the application.

Applicants who are not now restricted to wearing eyeglasses, but who know that they do need them, should wear them for the examination.

MERRIMACK VALLEY WORKS NEWSLETTER

Published By



Western Electric
MANUFACTURING AND SUPPLY UNIT OF THE BELL SYSTEM

For the information of employees of the

MERRIMACK VALLEY WORKS

North Andover, Massachusetts

Dept. 240-1 Area Code 617-686-0600 Ext. 2594

BILL COLLINS, Jr., Editor

Photographers: JAMES P. CHASSE
DANIEL R. BALSLEY

Tom Swift
and
his
Photophone

