

TEK RETIREE NEWS

Tektronix
Retiree
Volunteer
Program



Web Page: www.tekretirees.org

A Newsletter for and by Tek Retirees

NOVEMBER 2005

Ex-Tek Engineers Volunteer in Community Radio

By: *Jim Richardson and Louis Sowa*

Jim Richardson sent an email suggesting that an article on volunteering in community radio might make a good article for the TRN. I agreed, so in this issue there is information primarily about three ex-Tek engineers who have become an important part of KBPS radio. KBPS is a classical music radio station. There are also opportunities in several other stations, two others I am aware of are KBOO and public radio KOPB. It is possible to become an "on air personality," radio engineer, or provide computer support, as well as other functions at the station. This is a great way for technical people to stay involved, especially those with an interest in radio broadcasting.

Preamble

Jim's history below starts with the history of the major update to KBPS. This station originated at Benson Polytechnic. Stations tend to evolve. Interestingly KBOO started as a classical music station, and is currently a pretty eclectic station with no classical music. A bio of the three ex-Tekies, Jim, Pete and Phil is included below. They provided a great number of pictures and far more material than can be presented in the TRN. There are some pictures on the web version. However, for those of you with technical interest in KBOO's new digital transmitter, combiner and antenna installation I will put more information and photos under "Photos" on the Website.

History

The history of the KBPS signal improvement project dates back to before the "turn of the century", when it was decided that the channel 6 TV tower, which supported the KBPS FM transmitting antenna, would be replaced with a new structure to accommodate Digital Television Transmission. At that time, a new transmitter building was designed to house the various transmitters that would eventually move to the new tower. The moves have been ongoing since the tower was completed in 1997.

When it became time for the FM's to move, many scenarios were explored, and it was decided that the requirements of three non-commercial FM (KBVM, KMHD and KBPS) stations could be best met if they were to share a common antenna. Plans were made, agreements drawn up, requests for quotation sent out. After the equipment was selected, orders were submitted, and the "bits and pieces" started to arrive.

See www.tekretirees.org under "Photos" to see a "photo essay" with some steps involved in putting the KBPS radio transmitter update on the air.

Jim Richardson ("JR")

Jim retired from Tektronix in June of 2001 after a 36 plus year career as an engineer, working for the most part in CRT-related activities. These include: phosphor research, CRT design and production support, color shutter design and production support, and production support of the monitors assembly group. Jim was issued one patent and one trade secret, while at Tektronix.

(See **Community Radio** on Page 2)

TRVP Office Hours
Monday, Wednesday and Friday
10:00 a.m. to 3:00 p.m.

Annual Gathering at Elks

The annual no-host gathering at the Beaverton Elks is coming up on December 9th. Be sure to mark your calendar. All previous Tek employees are invited to come and bring their husbands, wives or friends. It is a time to reminisce and enjoy fellowship with everyone. This gathering was originally started by Bill Tescher and his Tool and Dye group and later changed to include everyone. We hope you will come and enjoy a great time with us.

Place: Beaverton Elks
Address: 3500 SW 104th
(North of Highway 8)
Date: December 9, 2005 (Friday)
Time: 11:00 a.m. to ????

Al Foleen is in charge of arrangements again this year. If you have any questions he may be contacted at:

Phone: 503-651-2031

PLEASE NOTE

ADDRESS CHANGE PROCEDURE MODIFIED

Effective 9-1-2005 all address changes must be reported as follows:

Anyone who is a post employee with Retiree Medical and/or Life Insurance or who participate in the Cobra Plan will need to report their changes in writing to A & I. You must include your signature and Social Security Number

Tektronix Post Employment Services
c/o A & I Benefit Plan Administrators, Inc.
1220 SW Morrison St., Suite 300
Portland, OR 97205-2222
Phone: 503-222-7700
Toll Free: 1-800-778-7956
Fax: 503-228-0149

Anyone who has a pension and/or 401K benefit must contact Mercer HR Consulting to change their address directly with them.

Phone: 1-866-867-6860

If your newsletter label includes the notation "SUPDIST Subscriber" notify the Tektronix Retiree Volunteer Program staff of a change of address, address corrections, etc.

Tektronix Retiree Volunteer Program
M/S 58-037
PO Box 500
Beaverton, OR 97077
Phone 503-627-4056

Community Radio (continued)

Radio related hobbies have nearly always been a part of his lifestyle, from collecting and restoring vintage radios to "DXing" (listening to weak distant signals), to enjoying classical music such as that broadcast by KBPS All Classical 89.9.

Involvement as a volunteer at KBPS began in June of 2002, after some gentle arm twisting to join the Technical Committee, by long time Tek friend Peter Keller.

Since then Jim has been involved in many aspects of the technical performance of the station, including the efforts on the construction of the new transmitter facility.

"It was very rewarding, and a lot of fun to work with engineers and contractors to improve the KBPS-FM signal and bring classical music into the "digital age" through the installation of a "HD radio" digital transmitter.

Pete Keller

Pete started at Tektronix in 1963 and retired in 2001 after almost 37 years. He began in CRT engineering doing electro-optical characterization of screens. He later held engineering positions for displays, photometers, digital voltmeters, and portable digital oscilloscopes.

Pete was issued two patents while at Tek, wrote numerous technical articles and has had two solo photo exhibits in Portland and Eastern Europe. He also is the author of two books, *The Cathode-Ray Tube* about CRT history and *Electronic Display Measurement*. Since retiring from Tek, he has presented a series of classes on display technology for Sony plant managers in San Diego.

His interests include astronomy, photography, amateur radio (W1CRT), and classical music. The latter led to becoming a member, and eventually chairman, of the KBPS Technical Committee. He was elected to the board of directors of the station in 2002. Pete also did daily FCC transmitter inspections for another non-commercial station, KBOO, during the 1970s.

"Technical committee members were able to perform much of the installation work on the new transmitters and antenna system at a level of quality that is the envy of Portland's commercial broadcasters. Pete says "The cost of such a high quality installation would have otherwise been prohibitive for a listener supported station."

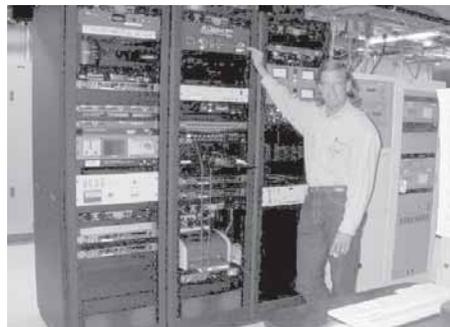
Phil Bieh

Phil started with Tektronix (Wilsonville) starting in 1983 as a digital designer for the Engineering Computing Systems group. He worked on display engines and the micro-code software that ran this engine, as well as a 3D version. After ECS was shut down, he worked on other versions of the display engines for various projects, as well as digital design, PCB and ASIC for networked display terminals. Since leaving Tek in 1989, he has held positions at several technology based operations in the area (such as Planar). He recently accepted a Position with Infinity in Portland as chief engineer for KUFO/KVMX.

Phil has been interested in electronics, radio and computers since early childhood when a Radio Shack kit provided an early introduction into the field. Phil holds an amateur Radio license.

Phil has been involved as a KBPS Technical committee volunteer since Nov. 2002.

Phil played a major role in the construction of the KBPS transmitter facility, including the construction and installation of innovative I/O panels, and the installation and programming of the extremely complicated Davicom Mac+ remote control system.



Ever Consider Elderhostel?

By: Neil Robin

If you enjoy traveling, there's a way to get lots of enjoy it with people of retirement age like ourselves. It's called Elderhostel. The objective is to mix travel with education and provide adventures all over the world at a reasonable cost

Marsha and I just returned from our second trip which was to Southern Utah and Northern Arizona. We visited many of the National Parks and studied the geology and native people along the way. There were forty one of us, we had a great time. A quick picture snapshot can be seen at: <http://robin-wood.com/Powell/utah.htm>.

More on Elderhostel can be found at: <http://www.elderhostel.org>. Try it, you may find it's just the ticket for post-career

learning. It's also an opportunity to volunteer.

Living to be 100

Jim Manuel gave me an article from the Harvard Health Letter that he thought would make a good article for the TRN. My intention here is to review this article. If you wish to read the whole article it is available at:

www.health.harvard.edu

It is helpful to have the importance of life style and diet reinforced. I do not expect to live to be 100, but would like to remain reasonably healthy for as long as I do live. I would like to quote a part of the article that describes my feeling, in Oliver Wendell Holmes's poem "The Deacon's Masterpiece." he describes "The shay as a carriage built so carefully by the deacon that no single part breaks down for 100 years. Then it all collapses at once, and nothing first. Just as bubbles do when they burst."

There are some specific traits that are prevalent in those that live a longer than average life, some of these are:

Calendar

Marconi's Cronies

Meet the 2nd Wednesday of each month:
12:00 a.m.
at J.J.North's Buffet Restaurant
Northeast Halsey at 105th
Portland, OR
Contact: Jack Riley for details
Phone: 503-235-5267

CRT Luncheons

Meet the 3rd Tuesday of each month
11:30 a.m.
at Home Town Buffet
13500 SW Pacific Highway
Tigard, OR
Contact: Jack Neff for details
1301 East Fulton St., Apt. 241
Newberg, OR 97132-1870
Phone: 503-554-7440

PCB Design Old Timers Luncheon

Meet the 3rd Wednesday of each month.
Time: 12:00 a.m.
Where: Peppermill Restaurant
Farmington Mall
Corner of Farmington and Kinnaman Rd.
17455 SW Farmington Rd # 26B
Aloha, OR 97007

Web Page: www.geocities.com/pcboldies/

Retiree Deaths

Date: Aug, Sep, Oct, 2005

Armstrong, Leona – d. 10/4/2005

At Tek: 9/20/1974 to 11/25/1988

Bannick, Marie – d. 8/20/2005

At Tek: 10/14/1974 to 8/8/1980

Banta, Ruth – d. 8/29/2005

At Tek: 12/10/1973 to 5/28/1990

Bartlett, Wilma – d. 10/20/2004

At Tek: 5/2/1977 to 5/31/1985

Bonifacio, Edilberto – d. 7/17/2005

At Tek: 2/20/1978 to 7/28/1992

Brinegar, Tiffany – d. 6/27/2005

At Tek: 9/18/1972 to 7/11/1986

Buckley, Bok – d. 9/28/2005

At Tek: 1/12/1976 to 1/16/1985

Cathery, Marlyse – d. 7-3-2005

At Tek: 11/1/1976 to 7/23/1919

Cronkrite, June – d. 10/23/2005

At Tek: 11/14/1977 to 6/22/1990

Curtis, David – d. 8/12/2005

At Tek: 5/23/1960 to 7/21/1978

Daniel, Roscoe – d. 8/7/2004

At Tek: 3/26/1951 to 6/25/1982

Dungan, Glenda – d. 9/11/2005

At Tek: 12/12/1983 to 5/30/1997

Eager, Ronald – d. 8/3/2005

At Tek: 5/3/1965 to n/a

Erickson, Leola – d. 5/12/2005

At Tek: 4/22/1974 to 4/29/1994

Glanz, Emma – d. 9/12/2005

At Tek: 7/16/1958 to 3/11/1977

Hahn, James – d. 7/27/2005

At Tek: 8/26/1965 to 7/20/1993

Hardman, Gerald – d. 9/20/2005

At Tek: 5/16/1966 to 5/31/1991

Hart, Norma – d. 9/10/2005

At Tek: 8/14/1974 to 5/30/1986

Hemmerling, Rosalie – d. 8/15/2005

At Tek: 4/18/1966 to 5/31/1991

Hinsbeeck, Rudy – d. 7/29/2005

At Tek: 12/19/1960 to 8/28/1981

Johnson, Evelyn – d. 10/17/2005

At Tek: 4/23/1951 to 1/30/1981

Knight, Truman – d. 8/4/2005

At Tek: 11/10/1958 to 8/15/1975

Leeto, Vilma – d. 9/6/2005

At Tek: 8/6/1952 to 4/29/1983

Meeker, Helen – d. 10/18/2005

At Tek: not available

Moriyasu, Hiro – d. 7/17/2005

At Tek: 6/14/1956 to 6/13/1986

Mull, Grover – d. 7/10/2005

At Tek: 12/18/1967 to 8/22/1986

Murray, Charles – d. 4/14/2005

At Tek: Not Available

Packard, Patricia – d. 6/23/2005

At Tek: 4/3/1978 to 6/21/1992

Porter, Charles – d. 9/28/2005

At Tek: 1/30/1959 to 11/30/1973

Prohaska, Lorraine – d. 8/27/2005

At Tek: 7/16/1962 to 1/9/1976

Rash, Duane – d. 9/23/2005

At Tek: 12/9/1958 to 5/14/1982

Revier, Eugene – d. 8/24/2005

At Tek: 1/26/1970 to 8/12/1988

Roberts, Lori – d. 10/17/2002

At Tek: 10/12/1977 to 9/15/1998

Rodenbaugh, Leonard – d. 5/30/2005

At Tek: 11/6/1967 to 10/28/1983

Roniatch, Pamela – d. 9/18/2005

At Tek: 6/3/1974 to 4/4/1986

Sage, La Vere – d. 3/7/2005

At Tek: 8/16/1966 to not available

Sharp, Dorothy – d. 8/19/2005

At Tek: 1/4/1960 to 6/4/1981

Shefchek, Paul – d. 8/15/2005

At Tek: 8/15/1966 to 7/9/1999

Sorensen, Isabella – d. 8/19/2005

At Tek: 6/10/1962 to 8/6/1973

Strickland, Barbara – d. 7/27/2005

At Tek: Not Available

Thornton, Doris – d. 8/4/2005

At Tek: 4/11/1976 to 4/4/1996

Tucker, John – d. 5/25/2005

At Tek: 9/12/1960 to 4/29/1983

Vasquez, Sandra – d. 7/18/2005

At Tek: 2/21/1966 to 4/13/1988

Waldkirch, Virginia – d. 9/4/2005

At Tek: 10/20/1975 to 7/9/1985

Wilkes, Rose – d. 9/8/2005

At Tek: 1/21/1957 to 3/21/1980

- Having a positive outlook, managing stress well. Those that do not manage stress well have higher rates of memory loss and heart disease.
- These people are friendly and have close ties to friends and family.

Then there is the question of genes. Not all traits that run in families are genetic, some are cultural, such as eating habits. Some of these eating habits are:

- Eating many fruits and vegetables.
- Getting regular physical activity.
- Challenging their minds. (This one, I believe, is very important).
- Not smoking or drink heavily.
- Gaining little or no weight as an adult. (This is a tough one for most of us).

Our culture encourages over-eating and the consumption of way too much fat, sugar, and salt. In studies it has been documented that people from cultures that did a better job following the above philosophy are healthier and live longer than Americans. When individuals from these cultures moved here and adopted our eating habits and life style their health deteriorated.

TEK TALK

Tek-Talk September 1964

TEKNEWSREEL

About 15 Tektronix oscilloscopes are being used in exhibits at the New York World's Fair, according to George Muckenstrom, Long Island field engineer.

Major exhibitors with Tek scopes are the Bell System, RCA, National Cash Register, International Business Machines, Visual Electronics (Hall of Education), Automedic and General Electric.

A Type 564 Scope is being used in General Electric's Nuclear Fusion demonstration as a monitoring device to display to the public the neutron yield in their deuterium gas plasma experiment. A 564 is in use as an operating room instrument in the Automedic display.

Tek Talk February 10, 1956

THE F.BIN

Shipping department took the challenge from Scott Foster of Purchasing. Scott

didn't think they could ship 800 scopes in January, and bet them a box of candy and a box of cigars, on the strength of it. Tuesday, January 31st there was a cloud of cigar smoke floating all through the shipping area and Bufferin doled out for the toothaches. Front office enjoyed the box of candy very much too. Dick Schmidt has made an offer of some more candy for next month. Watch those calories, fellas!

Tek-Talk September 1964

TEKNEWSREEL

Acquisition of Pentrix Corporation, Brooklyn manufacturer of spectrum analyzers, was announced in April. The small company became part of Tektronix through transfer of 30,002 shares of Tektronix, Inc. stock.

In June 8330 shares were issued. The remaining 21,672 shares will be issued in installments over the next four years, contingent on spectrum analyzer sales.

Three Pentrix owners – Arnold Frisch, Larry Weiss and Morris Engelson – joined Tektronix Engineering in June to continue their work on spectrum analyzers.

(See Tek-Talk on Page 4)

Tek Retiree News

Editor: Louis Sowa Publisher: Peggy Jo Berg

Editorial Staff

Dick Braniff • Judy Watkins • Millie Scott
Jennie Lou Werlein • Ray Arnett

TRVP Development Team

Warren Collier Jess Gard
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Evelyn Marsh Ed & Roz Srebnik

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Office Telephone: 503-627-4056

TRVP Email: tek-retirees@exgate.tek.com

Editors Cell Telephone: 503-320-0440

TRVP Web Page: www.tekretirees.org

Tektronix Retiree Volunteer Program
M/S 58-037, PO Box 500
Beaverton, OR 97077-0001

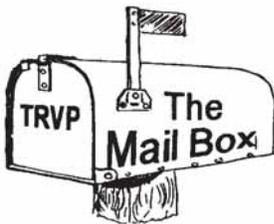
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TekTalk (cont.)

Pentrix product was designed as a plugin unit for several Tektronix oscilloscopes, converting them to frequency-based instruments.

According to market researchers, the spectrum analyzer market is in the neighborhood of \$8 – 10 million per year.

“Pentrix fits well into Tektronix’ manufacturing and marketing organization and offers new markets for both its present and acquired products,” Bob Fitzgerald (vice-president, Operations) stated when making the announcement.



Gary A. Hazelton—Is trying to locate the film of the construction of Bldg 50. At a Tek reunion five or so years ago, a fellow told me that Howard Vollum wanted a film record of construction of the Tech Center. so I had a 16mm camera mounted nearby and set to expose a frame occasionally to create a slow-motion record of the erection of this unique building. I have forgotten the name of the fellow that told me he had the film. I would be delighted if this person would contact me, so I can perform conservation on the film and perhaps exhibit it at a future Tek Reunion. If anyone

is aware of who has this film please contact me at: 503-244-6049

Evelyn Marsh – Many friends, family and previous co-workers attended an 80th Birthday Party for Evelyn Marsh given by her daughters. Good times, good food and lots of reminiscing transpired. There were approximately 70 in attendance. Evelyn wants to thank all who came and tell them how much she appreciates their friendship and attendance. Pictures are included with online TRN.

Editorial

By: Louis Sowa

There is a great article about KBPS radio in this issue. Jim Richardson provided a lot of material, far more than enough for the TRN. To do justice to the subject, there are pictures on the Web site, www.tekretirees.org. Also, for those of you who are really interested in the subject there is a picture essay of the KBPS upgrade project under the “Photo” section of the Web site. It is my expectation that the material presented in this issue is adequate for most people. I anticipate that almost everyone with specific interest in the KBPS radio project will have internet access. If you have comments, positive or negative, feel free to let me know.

We were not enthusiastic about the need to contact various entities to change your address (see page 1). Unfortunately we have no influence in the matter.

Notice under the calendar items on page two that there is an added item, PCB Design Old Timers Luncheon.

Due to copyright issues it is difficult to present some articles in the manner desired. The “Living to be 100” article is a case in point. On the other hand original material from retirees such as the Community Radio article and the Elder hostel article are preferred. We have been very fortunate to have received quality articles from you – so keep them coming.

The 55 Alive classes have been very popular so we are planning another class in April. The February issue of the TRN will have more information.

Get your Newsletter Online

A number of retirees are now getting their newsletter from our Web site.

www.tekretirees.org.

If you would like to join them send an email to Millie Scott at:

mlscott@easystreet.com

Evelyn Marsh's 80th Birthday Party





Photos of the KBPS Project

See Photos page on this site for more

