

TEK RETIREE NEWS

ExTek

Tektronix
Retiree
Volunteer
Program



Web Page: www.tekretirees.org

A Newsletter for and by Tek Retirees

February 2014

Globus Parks Tour

Exploring America's Great Parks

(continued from Nov issue) by Judy Watkins

Monument Valley has been the setting for more Western movies than any other site in the U.S. and it is one of the most impressive large-scale landscapes anywhere in the Southwest. Movies such as Stagecoach, The Searchers, Easy Rider, Forrest Gump, Dr. Who, and many more have been filmed there. There are 29 named formations that resemble familiar images such as Bear, Rabbit, Elephant Butte, Rain God Mesa, the Thumb, and Stagecoach. We stayed at the Goulding Lodge that was established in 1928 and was the place where John Wayne stayed when he made the movie Stagecoach. Every room in the lodge looks out over the monuments and the sunrises and sunsets are special.

On our second day in Monument Valley we took a 4-wheel tour through the monuments. The drive was 17 miles long and 13 miles was on a dirt road. Our three-hour tour was rocky and bumpy but the scenery made it worthwhile. The cluster of vast sandstone spires and buttes, and the contrasting smooth orange sand of the empty dessert was picture perfect.

Arches National Park contains over 2,000 natural sandstone arches and formations, including Balanced Rock, Park Avenue, Double Arch, and the Delicate Arch. The Delicate Arch is the most famous and most photographed in the park. We hiked up a trail about half a mile to get the perfect photo, and it was worth the hike. Although some of the arches can be seen from the road, some walking is required to get the full benefit of the park.

Custer State Park, SD is South of Mt. Rushmore, and at 71,000 acres is one of the largest and most unique state parks. It is the home of 1,300 buffalo and Harney Peak, the tallest peak in SD is found there. While at Custer State Park we stayed at the State Game Lodge, President Calvin Coolidge's Summer White House before he

approved the construction of Mt. Rushmore. Our stay at Custer State Park included a "Buffalo Safari". Our group was taken by open jeeps far into the hills where we witnessed a large herd of buffalo stretched across the plains and drove into their midst. Our guide spoke to us about the history of buffalo and their protected status in the park. Next we traveled to a chuck-wagon cook-out in the hills and while driving we spotted bighorn sheep, wild turkeys, whitetail deer and elk. A western group played instruments and sang for us while we ate our dinner.

Crazy Horse Memorial is 17 miles from Mt. Rushmore in the South Dakota Black Hills. The mountain sculpture was started in 1948 by Polish designer and sculptor, Korczak Ziolkowski (pronounced: jewel-cuff-ski) and the project currently remains incomplete. When the carving is finished it will be the largest sculpture of its type in the world, measuring 641 ft. long and 563 ft. high. The project is being built totally with private funds with no donations nor help from the government and that accounts for the slow progress. Ziolkowski died in 1982 (he worked 34 years on the project) and the work is being carried on by his widow and five of his seven children. Blasting continues on this project. Crazy Horse's face was finished in 1998 and since then work has focused on the horse's head.

Mt. Rushmore: Mt. Rushmore in South Dakota is a National Park and a symbol of our nation's freedom and independence. The presidents, George Washington, Thomas Jefferson, Theodore Roosevelt and Abraham Lincoln are carved into the mountain, each face is 60 ft. high. In 1927 Calvin Coolidge approved the project and work continued until 1941. The artist, Gutzon Borglum, spent the last 14 years of his life on this sculpture, but due to the artist's death and the country's entry into WWII, the project ended, leaving it incomplete. In the "Sculptor's Stu-

dio" at Mt. Rushmore, the artist's scale model of the planned project is displayed. The presidents were planned to be busts to the waist. The monument now has lapels on George Washington's jacket but nothing more has been done below the heads.

Our visit to **Deadwood, South Dakota** is worth mentioning. Deadwood today has a population of 1,270 and has been restored to its once historical city of the West. During the gold rush of 1876 people like Wild Bill Hickok and Calamity Jane roamed these streets. City tours today tell of the town's rich history and the buildings have signs where the significant gun fights occurred. Today Deadwood has more than 80 gaming halls to complete the old-time atmosphere and legalized gambling began in Deadwood in 1989. We had lunch in the Midnight Star, owned by Kevin Costner and took time to enjoy the town.

Devils Tower in northeastern Wyoming, is about 33 miles NW of Sundance on US 14. It is 1,267 feet tall with a summit of 5,114 feet above sea level and has 1.5 acres at the top. Devil's Tower was named a National Monument in 1906 by Theodore Roosevelt. The park includes 1,347 acres and has 400,000 annual visitors. About 1% of the visitors climb the rock's crevices.

Cody, Wyoming and Buffalo Bill Center:

Cody, WY is the eastern gateway to Yellowstone Park, and in Cody we visited the Buffalo Bill Center of the West. The museum is very unique and interesting place. It is made up of five separate museums and each one is a wonder on its own. The museums include: Buffalo Bill Museum, Draper Natural History Museum, McCracken Research Library, Plains Indian Museum, Whitney Western Art Museum, and the Cody Firearm Museum with more than 3,000 guns. On the grounds around the museum is Wm. Cody's boyhood home and a beautiful sculpture garden.

TekWeek 40 Years Ago

condensed by Gary Hoselton

Total Arab Oil Boycott! *OPEC nations stopped oil deliveries to The Netherlands, which is the distribution point for Europe, and to the United States and some other parts of the world last November. The United Kingdom imposed a 3-day workweek due to dwindling coal supplies, though Guernsey plants continued five days but turned out all lights during breaks and meals. The Netherlands banned Sunday driving and rationed gasoline, and Howard Mikesell, Tek Benelux manager, said Tek facilities have reduced fuel use by 25% by "being smarter and going slower". K. S. Liu, sales engineer in Taiwan, beats the fuel shortage by carrying three instruments at a time on his Lambretta 175 Scooter. In Beaverton, Tek commenced hourly shuttle service around the industrial park and to the Sunset plant, Tri Met started running commuter buses from Forest Grove and downtown Portland to Bldg 45 cafeteria, and Tek set up a carpool matching service with Cal Hongel picking up people en route from Battle Ground in his Citroen.

Tek Grows! *Information Display Division at Sunset plant absorbs Calculators, which are growing, and Machine Control Group, which Tek is withdrawing from market. Two temporary buildings were assembled at Sunset for ex-

pansion of Calculator engineering and IDD engineering. TEK 21 and TEK 31 Calculators were introduced at a London press conference, demonstrating linkages to digital processing oscilloscope, 4010 Display Terminal, and the 31/10 Graphic Calculator System; all were lauded by an editorial in London Financial Times and inquiries poured into Beaverton House. *Grass Valley Group in California, premier maker of television switching systems, merged with Tektronix's Communications Division. Tom Long, general manager, says GVG will stay where it is and will expand. Tek and GVG exhibited and gave papers at the World-Wide Television Conference in Rio de Janeiro, Brazil, where Tek products were seen in nearly every booth. *Measurement Systems Division has shipped several S-3260 Automated Test Systems which average \$175k each, with more in production. Jim Fischer, Marketing Development Manager of MSD, said Tek shipped its first automated systems in 1964, consisting of a sampling scope and some Tek-made boxes for \$20k, and device complexity and market demands have increased tremendously in ten years. *Intel options 20 acres in Aloha for a semiconductor plant in Oregon, and Tek options 265 acres in Wilsonville for a new plant location; both options contingent on regulatory approval of industrial use. *Tek 3Q, ending March 2: sales up 32% from last year at \$80.4M, earnings up 16% at \$5.7M or 66¢/share, unfilled orders up 44% at \$70.4M, and total employees up 24% at 12,346; all restated to include Grass Valley Group.

Yellowstone Park was the first national park and was established in 1872. The majority of the world's geysers are found in Yellowstone Park, the most famous being Old Faithful. The park is the home for grizzly bears, wolves, elk, and a herd of about 3,000 buffalo. Our first night in Yellowstone Park was spent at Mammoth Hot Springs. The main attraction there are the many hot springs terraces where mineral-laden hot water runs over the stones. Many terraces can be seen from the road and there are walking trails for closer viewing. A large herd of elk lives at Mammoth year-round and they roam freely around the cabins and camp grounds, down the streets, and they congregate in what was once the Parade Grounds of the old Fort Yellowstone (fort existed from 1872 to 1886). While there we stayed in individual small cabins with front porches complete with rocking chairs. Twelve cabins formed a circle with a lawn in the center where a community of ground squirrels lived...what fun it

was to watch as they scampered in and out of their holes.

There are many things to see in Yellowstone and although we didn't have the time to see everything, our visit was memorable. Among the things we saw were:

* Soon after we entered the park we saw a huge black bear walking into the trees near the road.

* Our second night in Yellowstone was at the Old Faithful Lodge. From the window of our room we could watch as Old Faithful performed. That was very special.

* Yellowstone Lake is the largest high-elevation lake in North America. The lake has 141 miles of tree-lined shore and many variations of animals, birds and other wildlife live in and around it.

* The Grand Canyon of the Yellowstone is a breathtaking sight that shouldn't be

missed. The Yellowstone River runs 20 miles through the canyon and two beautiful waterfalls are found there, the Upper and Lower Falls are 109 and 308 ft. respectively.

* Hayden Valley is best known for the buffalo, swans, geese, elk and deer that live in the valley along the Yellowstone River.

* West Thumb Geyser Basin is one of the smallest geyser basins in Yellowstone (there is a one-mile walk around it) yet its location along the shore of Yellowstone Lake ranks it as the most scenic. West Thumb, for its size, has it all-hot springs, pools, mud pots, fumaroles and lake shore geysers.

Grand Teton National Park and Jackson, WY: How does one describe the Tetons Mountains? They are the most spectacular things ever and look more like the Alps in Switzerland than anything else that I have seen. They appear to be blue in color and even in the summer, snow and ice can be seen in the form of their six glaciers. Our lunch stop was at Jackson Lodge and the setting was perfect. The huge Tetons stood in the background of a clear, still lake. That is what picture postcards are made of.

Jackson has a population of almost 10,000 and is popular with tourists as a ski destination as well as being the gateway to two national parks. The Jackson Town Square is known for the four large arches made of shed elk antlers. Although Jackson is often referred to as Jackson Hole, the "hole" is actually the valley where it lays, the town is just Jackson.

Our night in Jackson was spent at the Creekside Resort and Spa, it was a special place. The log cabins are new and each cabin has rocking chairs on the front porch. The property has a creek and trees in the Teton mountain setting and is very beautiful. Shuttles were offered for travelers between the lodge and Jackson but we elected to spend our afternoon and evening enjoying the atmosphere of the lodge.

Salt Lake City: While we were in Salt Lake City we enjoyed an orientation tour of the ten acre property of Salt Lake Temple Square. The Latter Day Saints Temple is the center piece of the property and it is a magnificent granite structure that was constructed over a 40-year period between 1853 and 1893. The property is also the home of the famous Mormon Tabernacle Choir that is made up of 360 volunteer members. The auditorium is dome-shaped and the acoustics are perfect. The choir was not there as they

practice on Thursday evenings, but the magnificent pipe organ with 11,623 pipes was being played and the sound was wonderful. The Visitor's Center explains the history of the Mormons arrival to Utah with statues and movies as well as a cut-out miniature of the Temple displaying the inside and its furnishings. Computers for checking genealogy can be found there.

Bryce Canyon National Park is located in Southern Utah and is best known for its red hoodoos and water-carved walls, fins and spires that reflect the moving sun with ever-changing colors. Similar to the Grand Canyon, viewing is from above looking down into a very large and beautiful hole in the ground but the colors in the two parks are very different. Although we had visited this park before, on this trip we visited viewpoints that we had not visited before and walked trails to get the optimal enjoyment.

Zion National Park is 89 miles from Bryce. Zion is different from the other parks we visited because we traveled 12 miles of winding roads to get to the bottom of the canyon and then looked up to see the wonders around us. Zion features massive stone formations and red cliff faces. Sandstone and shale monoliths give the park its power and character. The lack of iron oxide at the upper levels of the sandstone makes the formations almost white at the top. Similar to the other parks, there are a variety of trails to walk depending on ability and time constraints. Many of the trails are paved for easier walking.

Editorial

Al Foleen has promised to send a write up about the plastics department in the early years. We would like to hear from others. One can write in pencil or type on a key board.

Secretary Needed at the TRVP

by Louis Sowa

Our secretary has retired do to health issues. We need a replacement to take and distribute minutes for our monthly meetings. We 'work' on Wednesdays and our monthly meeting is on the first Wednesday of each month at 1PM. There is a great deal of historic Tektronix data, which needs to be organized. If you might be willing to volunteer one day a week to help with either or both of these tasks please let me know at LSowa@earthlink.net or 503-320-0440. Being a volunteer organization we are very aware of the need to be flexible with vacations and other personal time off.

Death Notices November, December, January 2014

Bonnell, Evelyn — d. 10-16-2013
At Tek: 7 years
Bosworth, David J. — d. 08-26-2010
At Tek: 19 years
Bybee, Warren — d. 11-15-2013
At Tek: 27 years
Carmichael, Virgil T. — d. 10-22-2012
At Tek: 11 years
Davies, Wilma — d. 11-01-2012
At Tek: ~10 years
Farnett, Nicholas J. — d. 10-04-2013
At Tek: 30+ years
Foster Jr., Scott E. — d. 12-01-2013
At Tek: 32 years
Haws, JoAnn Kay — d. 11-06-2013
At Tek: 10 years
Johnson, Patricia L. — d. 11-24-2013
At Tek: 18 years
Jones, Virginia Williams —
d. 09-28-2013 At Tek: 16 years

Krueger, Kurt — d. 11-20-2013
At Tek: 31 years
Lockhart, Charles G. — d. 10-19-2013
At Tek: 21 Years
Mardesich, Mary Alderson —
d. 12-06-2012
Martling, Beverly — d. 10-21-2011
McKinney, John B. — d. 11-23-2013
Ornelas, Celestino 'Tono' Edward —
d. 11-19-2013 At Tek: 22 years
Pasley, Ruth Eleanor — d. 06-07-2012
At Tek: 20+ Years
Schink, Chester — d. 11-22-2013
At Tek: 29+ years
Tikhonoff, Nancy T. — 01-17-2013
At Tek: 10 years
Wohlfarth, Sandra L. — d. 09-27-2013
At Tek: 12 years
Wong, Bruce Luen — d. 10-20-2013

William C. Lowe, 72, Dies; Oversaw IBM PC's Birth

An improbable idea that was fulfilled with atypical haste.

William C. Lowe, who supervised the creation of IBM's first personal computer, died on Oct 19 in Lake Forest, Ill. He was 72.

We are no longer able to get death notices or length of service information from the Tektronix data base.

We would appreciate any assistance retirees or members of their family can provide us. We have

posted here the information we found in obituaries, newspapers or from family members or friends who have notified us. In order to ensure accuracy in our reporting we need: the name spelled out, date of birth and date of death. Also, we like to include their length of service at Tektronix when possible. To ensure accuracy in our reporting please leave your contact information – name, email, and/or phone number in case we have any questions.

The newsletter staff is in the office on Wednesday from 10:00 a.m. to 3:00 p.m. each week. You may call us on Wednesdays or leave a voicemail any time at 503-627-4056.

Or you may send an email to:
tek-retirees@tektronix.com

RETIREE BENEFIT INFORMATION & ADDRESS CHANGE PROCEEDURE Retiree Medical and/or Life Insurance

Anyone who is a past employee with Retiree Medical and/or Life Insurance will need to request information or make changes in writing to A & I. You must include your signature and Social Security number.

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

401k Benefit

Anyone who has a 401k benefit must contact Fidelity for information or to change their address directly with them at:

1-800-835-5092

Cash Balance Plan

The Cash Balance Plan has been transferred to Danaher Pension Plan Processing Center with Hewitt. Questions or changes should be directed to:

1-800-580-7526

Tektronix Retiree Volunteer Program

M/S 22-037

PO Box 500

Beaverton, OR 97077 - 0001

Phone: 503-627-4056

Email Address:

Tek-Retirees@Tektronix.com

Tek Retiree News

Manager: **Louis Sowa**

Editor / Publisher: **Gordon Long**

TRVP Staff

Peggy Jo Berg • Gary Hoselton

Ray Kato • Jim Manuel • Pete Nelson

Neil Robin • Millie Scott • Judy Watkins

Tek Retiree Newsletter is published quarterly by the Tektronix Retiree Volunteer Program. Send all correspondence to Tek Retiree News, M/S 22-037, PO Box 500, Beaverton, OR 97077

Office Telephone: 503-627-4056

Email: tek-retirees@tektronix.com

Manager's Cell Phone: 503-320-0440

TRVP Web Page: www.tekretirees.org

Tektronix Retiree Volunteer Program

M/S 22-037, PO Box 500

Beaverton, OR 97077- 0001

Upcoming Volunteer Luncheon

This year's luncheon will be held **April 19** in Building 38, there will be a map on the invitation letter. This letter will be sent approximately two weeks prior to the luncheon. If you have not been receiving invitation letters and want to attend let us know at: tek-retirees@tektronix.com or leave a message at: 503-627-4056 with your name and address. The requirement is that you are currently volunteering for any non-profit organization or have done so in the past. The luncheon is sponsored by Tek and the TRVP and is free to you. This year's topic will be taxes (more details in the invitation letter). We have been having some excellent speakers which we expect to continue this year.

55 Alive / AARP Driver Safety

The person who has been doing the 55 Alive classes for us has retired. We have decided not to continue the classes at Tek, however there are a number of other sites in the area some of which are listed here:

ELSIE STUHR CENTER

5550 SW HALL BLVD

BEAVERTON OR 97005-3919

(503) 629-6342 (Call To Register)

CEDAR MILL COMMUNITY LIBRARY

12505 NW CORNELL RD

PORTLAND OR 97229-5651

(503) 286-9688 (Call To Register)

TUALITY HEALTH EDUCATION CENTER

334 SE 8TH AVE

HILLSBORO OR 97123-4201

Contact your insurance company to determine how much you can save if you take this class. You can contact AARP on the internet at www.aarp.org/drive and enter your zip code for a class held near you. Persons who are not online should call: 1-877-390-8806, leave a message and a volunteer will call you back to schedule a class. Or call 1-800-723-1955 for more information.

Quarterly Quote: There cannot be a crisis next week. My schedule is already full.
H. Kissinger

CALENDAR

Marconi's Cronies

Meet the 2nd Wed of each month
(except July and August)

12:00 p.m.

Tom's Restaurant
3871 SE Division Street
Portland, OR

Jack Riley: 503-235-5267

Previous Tek-Employees Luncheon

11:30 a.m. 2nd Monday monthly
Peppermill Restaurant
17455 SW Farmington Road #26B
(Corner of Farmington
& Kinnaman Rd)
Aloha, OR 97007

Details: Annetta Spickelmier

503-649-2491

TERAC

6:00 p.m.

Round Table — Beaverton

Weekly on Friday

CRT Luncheons

3rd Tuesday each month

@ 11:30 am

(except June thru August)

Beaverton Izzy's

11900 SW Broadway

Beaverton Town Center

Details: Jack Neff: 503-554-7440

1301 E Fulton St, Apt # 233

Newberg, OR 97132 - 1870

READ YOUR TEK-RETIREE NEWSLETTER ONLINE

Would you like to help save postage and read your Tek-Retiree Newsletter on our webpage? Send your name, address, phone number and email address to: mlscott@easystreet.net

Millie will send you a notice when the newsletter is posted each quarter. If your email is changed or rejected for any reason you will receive one phone call to request an update. If you don't respond we will return your newsletter to the US mail list. To preview the web page and previous issues of the newsletter go to:

www.tekretirees.org

TEK RETIREE NEWS

Tektronix
Retiree
Volunteer
Program



Web Page: www.tekretirees.org

A Newsletter for and by Tek Retirees

May 2014

Editorial

Al Foleen has promised to send a write up about the plastics department in the early years. We would like to hear from others. One can write in pencil or type on a key board and email me.

A buffet lunch occurred on April 19 for retirees who are volunteers. This activity has been going on for over 10 years!

Finally we introduce an article about Spectrum Analyzer history we recently received.

You can contact me at:
gordondalong@Yahoo.Com.

TRVP Future

By Louis Sowa (3/12/2014)

First the Past

The TRVP was formed in 1996. Sharon Beatty was hired to help get it off the ground. She had similar experience with Honeywell and arranged a trip for some of the original TRVP volunteer staff to Honeywell. Those from Tektronix that made that trip were: Warren Collier, Dick Duggan, Harry Tanielian, and Sharon Beatty. The first letter that went out was to the Tektronix retirees only, not to the terminated vested. The retirees were those that were receiving benefits. The terminated vested were those that were eligible for benefits from Tektronix but had not yet applied for them. Many of the retirees and terminated vested worked for other companies after Tektronix.

The development team consisted of:

Warren Collier	Evelyn Marsh
Dick Duggan	Ed & Roz Srebnik
Jess Gard	Harry Tanielian

The original editorial staff consisted of:

Dick Braniff	Eve Fitzgerald
Newt Espe	Louis Sowa
Jennie Lou Werlein	

Original TRVP Mission Statement

The Tektronix Retiree Volunteer Program is a cooperative effort by Tektronix retirees, their spouses and the Company to build and maintain a sense of family among Tektronix retirees through volunteer activities

in the communities in which they live.

Our mission is to recruit and place Tektronix retirees and their spouses in volunteer positions, to generate and foster a sense of pride within each volunteer and to serve the needs of the community while enhancing the goals of the company's community affairs.

Our goal is to respond to the needs of the community, to serve the needs of the Tektronix retiree community which may include physical, social and emotional needs, and to make our communities a better place to live.

As I was one of the terminated vested I did not get the first letter but did respond to the second letter. My primary interest was assisted technology but unfortunately was not supported by Tektronix for concern over legal responsibility. I felt if there was not a successful newsletter there would be no program, so also volunteered to assist with that. Newt Espe was the first editor. Even though I had some editor experience I was very pleased that Newt agreed to be the editor. The first issue was called "ExTek" which I believe was Newt's idea. There was some objection to that title so Tek Retirees News was agreed to. I personally liked ExTek which we have brought back as part of the banner. That first newsletter was the March 1997 issue. Newt continued as editor through the May 2001 issue. Newt's health was failing so he needed to step down. At which time I took on that responsibility. Newt had served as editor and publisher until the November 1997 issue at which time Peggy Jo Berg took over the publishing responsibility. Peggy has been an exceptionally valuable asset to the organization as publisher and many other tasks she has been performing. She served as publisher through the November 2012 issue. I opened my mouth and suggested that we should do a feature such as a "twenty-five Years Ago" article. Newt's response was essentially "do it."

Gary Hoselton has taken over that feature. I stepped down from the editorial roll as of August 2013, and Gordon Long has taken on both the editor's and the publisher's responsibility.

There have been many TRVP volunteers. I would like to give everyone credit that has helped with the TRVP but am sure I would miss some of the early contributors. The big loss was when the company discontinued the retention of Sharon Beatty. She worked very hard to make the TRVP a success.

Jim Manual asked me to provide a web site. I felt that was more than I wanted to take on. In the editorial I asked for a volunteer. Neil Robin has taken on that task and has done a great job since November 2003. He lives near Port Angeles so does not come to our meetings. Fortunately there are some jobs that can be done at a distance.

The Present

We currently have a very nice space in building 22. This is the building that Tektronix Security occupies. If you can you should visit our office. We are always happy to see ExTek employees. Our monthly meeting is on the first Wednesday of the month at 1 PM. You are most welcome to attend a meeting. Danaher/Tektronix continues to supply a working space and computers, printers, etc. They also support the newsletter which runs near \$20,000 per year. We send out over 9,000 newsletters plus the several hundred that are on line only. Visit our website at: www.tekretirees.org. We have a large database of retirees and the deceased that we know about. We are not directly connected to vintageTek, the museum, however we support their great work. If you haven't visited the museum you should if possible. Lots of great old equipment and great people. Their website is: www.vintagetek.org

Now the Future

There continues to be attrition of volun-

TekWeek 40 Years Ago

condensed by Gary Hoselton

News in the Tek world! *Tek had a streaker in Assembly East (39), a female at that. The event caused a big stir, cheers from the men, laughs from the women, while production came to an abrupt halt. *India and Taiwan distributors send men to Beaverton for training; Chandu Vagal reported there are more than 2000 Tek instruments in India. Iran is third largest international market, after Germany and Italy, with high-end scopes and spectrum analyzers predominating. *The Greensboro NC field office moves to Raleigh, the new Concord CA field office is located on an earthquake fault and under a flight path but location is a good one for access, the Buffalo NY field office moves to Rochester, a Chicago headquarters for marketing and field service opens in Rolling Meadows IL, and the new Rockville MD field office hosted a meeting of the Washington DC section of the Precision Measurements Association. *Tek Board Chairman Howard Vollum received the 1973 Portland First Citizen Award and two standing ovations during banquet at the Portland Hilton, and received the inaugural Aubrey R. Watzek Award from Lewis and Clark College honoring "persons

who have pioneered in their fields of endeavor and because of whom the Pacific Northwest...has become richer." *25th Wedding Anniversary: Roger and Ruby Carter are the first couple to meet and marry at Tek, in 1949. They asked Jack Murdock if there would be any problem, and he answered "You're still the same people, so why should there be any problem?" Roger is in now in Metals Production Engineering and Ruby is a trainer in the current probe section of Electrical Components.

Activities! *Eque-Tek club sponsors a "Fun-Play day" horse show at the Sunset Training Stable and elects Edo Van Buren pres, Norm Whitlow v-p, Trish Zakocs sec, and Camaron Porter treas. *Tek Singles Club gathers at the Blitz Brewery Hospitality Room for a social evening, and takes standby names for their sold-out Reno trip. *Responding to the gas shortage, Tek Rock Club is having local events to "get to know what's inside the rocks they already have" and get to know each other better. *Two Tek Junior Achievement companies, "Tek Elec" from Portland Public Schools and "Apollo Products" from Sunset High School, toured manufacturing areas during spring vacation and sold their products in several cafeterias, and Tek's Explorer Post 876 published a design for a transistor checker in their "Tek Scene" newsletter.

teer support through death and health issues as all organizations exhibit. Fortunately several people have joined us or have increased their involvement in the past couple years. If you have been involved in a volunteer organization you know that a few people accomplish most of the work. There is an upside to this which is each person has more influence. We operate pretty much in a collaborative manor. It has been a fun and comfortable environment to work in. I use the word 'work' loosely as we expect to have fun and socialize as well as accomplish work.

If you have writing, database, secretarial, and especially promotional skills we would very much like to hear from you. Leave a message on our phone: 503-627-4056, or send email to www.tek-retirees@tektronix.com. It is always OK to contact me: Louis Sowa 503-320-0440 or LSowa39@gmail.com

Fork It Over

is a food rescue program.

The Beaverton School district has a program called "Fork It Over" where volunteers sign up to go to the school cafeterias and pick up food that is surplus and will be thrown out unless picked up. Routes are set up so you only have 2 or 3 schools which are near each other. The food is taken to the Sunshine Pantry or other food kitchens. The food pantries then provide it to those in need. The program relies on 100% volunteer support. It is required to complete the district's background check.

The time commitment is only 45 to 60 minutes per week. It is a very worthwhile activity. You can sign up online at forkitoverbsd@gmail.com. The coordinator is Liz McGaguire at 503-929-6850. It is run by the cooperative effort of the district's Nutrition Services Department and two volunteer coordinators (who happen to be Terra Linda Elementary parents).

When to volunteer When *not* to volunteer

by Newt Espe – Mar 2001, TRN

I've been in the volunteering business for several years, writing, editing, and publishing newsletters mostly. But, as most vets will agree, volunteering can be a risky business. Usually when the man called for a volunteer we were at attention. The trick was never to look the man in the eyes, never to blink or twitch, or you'd be like the guy who scratches his nose at an auction. You bought it.

My first hair-brained move was to join the Army (really the National Guard), with the understanding that I would serve for a year. The year turned into five with most of the time spent in tropical warfare. Bad move.

My next act of idiocy was to volunteer to be attached to a firing battery bound up the coast to Morobe, New Guinea. We left the beach in barges hauled by ancient Australian tugs, nearly foundering and drowning in a sudden storm just off shore.

Later and still clueless, my pal Wally and I elected to go with another firing battery, hauling radio sets, 75mm howitzers, ammunition, and some paltry provisions up the Bitoi River carrying everything on our backs --- and the backs of native carriers. Ten miles in two days, fording that accursed river a dozen times.

The last and dumbest was when Wally, Woody, and I agreed to trek up the beach to meet an officer for forward observation duty. Mainly we were anxious to escape the nightly Japanese artillery showering the rocks we cowered in. Wally got sick (another bout of malaria --- or maybe something from the swamp water we drank) so I sent him back. Woody and I and two Papuan carriers clambered and crawled up a steep and muddy ridge to join the infantry and spent a week under fire and in severe discomfort.

Now, the volunteers we're seeking here probably will not run into the same sort of situations. So you vets, forget the old curses of volunteering and think only of the virtues, which are many. We need you.

Spotlight on Peggy Jo Berg

I started my career with two years at the Venitian Theatre in Hillsboro during my last two years in high school, then two years at Bruno Art Studio in Portland, one year as a telephone operator for West Coast Telephone Co. on a cord board in

Hillsboro, then nine more years as a Management Assistant to the Central Office Installation Manager in Beaverton/Hillsboro and later Cornelius. During this time West Coast was bought out by GTE. I left GTE in the spring of 1967 and stayed home for the rest of the year. I then went to work for Tektronix in 1968.

At Tektronix I worked in the Manuals Production Area for 25 years. I started out typing instrument manuals manuscript from the writer's original input copy for production in the Print Shop. I was promoted to Lead Person to Manager through the years. During this time we went through the process of moving the typesetting from linotype to Macintosh's. We started out with magnetic tape and paper tape coded files out put on quality devices. Our final system was Mac's running PageMaker to fully format pages for production on presses or high speed printers.

We started out typesetting manuals, but ended up typesetting the Corporate Catalog, Data Sheets, Annual Reports, Manuals and all types of other documents. These documents could then be output on various types of paper with various bindings with various quality levels.

As a manager I first managed only the Typesetting group, I later acquired the Prep group (camera/stripping and plate making, etc.), Microfiche area, the Aperture Card area, the High Speed Printer area and various others for short periods of time.

I retired from Tektronix in 1993 when Xerox bought out the Printing business at Tektronix. I worked for Xerox 2 years and retired completely. I came to TRVP in 1997, started formatting the newsletter for Newt Espe in 1998 and since then have done just about everything except work on the data base. It has been rewarding to be able to give something back to a company that gave me so much. After being with TRVP from 1997 to 2013 I plan to retire again. I will miss my friends, but hope others will find volunteering here as fulfilling as I have. I have met many other ex-employees that are volunteering at non-profit organizations. It has been great.

31st Annual Reunion — Tek Retirees

Saturday, June 14, 2014; in the back room, as previously, so we have an entrance. Beaverton **Elks Lodge** #1989; 3500 SW 104th Ave; Tel: 503-644-6116; **Noon until 4:00 pm.**

Service includes coffee, tea and water as in the past years.

Death Notices February, March, April 2014

We are no longer able to get death notices or length of service information from the Tektronix data base.

We would appreciate any assistance retirees or members of their family can provide us. We have posted here the information we found in obituaries, newspapers or from family members or friends who have notified us. In order to ensure accuracy in our reporting we need: the name spelled out, date of birth and date of death. Also, we like to include their length of service at Tektronix when possible. To ensure accuracy in our reporting please leave your contact information — name, email, and/or phone number in case we have any questions.

The newsletter staff is in the office on Wednesday from 10:00 a.m. to 3:00 p.m. each week. You may call us on Wednesdays or leave a voicemail any time at 503-627-4056.

Or you may send an email to:
tek-retirees@tektronix.com

Henry A. Bahrs — d. 02-25-2014

At Tek: 32 years

William Berg — d. 10-13-2012

At Tek: 17 years

Charles Blanchard — d. 10-29-2013

At Tek over 10 years

Ronald Hazen Boyce — d. 01-29-2014

Renee L. Briand — d. 04/24/2014

At Tek, Gaithersburg, MD

Alan J. Bruce, "Jay" — d. 04-14-2014

At Tek over 30 years

Richard Keith Compton —

d. 11-08-2013; At Tek 24 years

Miller M. Duris — d. 03-23-2013

At Tek: 28 years

Eleanor Forsberg — d. 03-08-2014

At Tek: 19 years

Cris Grotenhuis — d. 03-10-2014

Theron Hill — d. Oct. 2013

At Tek: 12.3 years

Kathleen Amelia Hoff — d. 02-25-2014

At Tek over 10 years

Beverley Chase — d. 04-11-2014

At Tek 20 years

Sandra (Plumb) Jumonville —
d. 03-24-2014

Harold Krouth — d. 03-29-2014

John H. McAllister III —

d. 03-18-2014

Caryl Jean MacMillan —

d. 02-25-2014; At Tek 15 years

Jack Peasley — d. 02-03-2012

At Tek: 23 years

Brad A. Prowse — d. 04-05-2014

At Tek: 27 years (Grass Valley)

Richard "Rich" Sasaki —

d. 04/21/2014

La Velle A. Schmale — d. 04/06/2014

At Tek: 25 years — retired May 1983

Lauretta May Schmitt —

d. 10-08-2012; At Tek: 18 years

Irene Rose Smith — d. 04-01-2014

Retired in 1986

Evelene Howell Starkey —

d. 12-25-2013; At Tek: 12 years

Prunella June Walker —

d. 07-01-2013 (est.); At Tek: 21 years

Johnathan Joseph White —

d. 02-28-2014

RETIREE BENEFIT INFORMATION & ADDRESS CHANGE PROCEEDURE

Retiree Medical and/or Life Insurance

Anyone who is a past employee with Retiree Medical and/or Life Insurance will need to request information or make changes in writing to A & I. You must include your signature and Social Security number.

Tektronix Post Employment Services

A & I Benefit Plan Administrators, Inc.

1220 SW Morrison St., Suite 300

Portland, OR 97205-2222

Toll Free: 1-800-778-7956

Fax: 503-228-0149

401k Benefit

Anyone who has a 401k benefit must contact Fidelity for information or to change their address directly with them at:

1-800-835-5092

Cash Balance Plan

The Cash Balance Plan has been transferred to Danaher Pension Plan Processing Center with Hewitt. Questions or changes should be directed to:

1-800-580-7526

Tektronix Retiree Volunteer Program

M/S 22-037

PO Box 500

Beaverton, OR 97077 - 0001

Phone: 503-627-4056

Email Address:

Tek-Retirees@Tektronix.com

Tek Retiree News

Manager: **Louis Sowa**

Editor / Publisher: **Gordon Long**

TRVP Staff

Peggy Jo Berg • Gary Hoselton • Ray Kato

Paul Kristof • Jim Manuel • Pete Nelson

Neil Robin • Millie Scott • Judy Watkins

Tek Retiree Newsletter is published quarterly by the Tektronix Retiree Volunteer Program. Send all correspondence to Tek Retiree News, M/S 22-037, PO Box 500, Beaverton, OR 97077

Office Telephone: 503-627-4056

Email: tek-retirees@tektronix.com

Manager's Cell Phone: 503-320-0440

TRVP Web Page: www.tekretirees.org

Sometime ago TRN was sent a lengthy and interesting article about the first Tektronix acquisition — Pentrix Corp.

The following is a bit of Tek spectrum analyzer history and a “what might have been.” It was put together by Linley Gumm with assistance from Len Garrett. I'm passing it on to the Tektronix and Family Hams List because most hams have always wanted to 'see' around their operating frequency. Products were available back then but most were very expensive. More and more hams today have newer technology spectrum analysis products, but some have latched onto old discontinued Tektronix or other spectrum analyzers. These older products can be found through eBay and other sources. Anyway, the story.

Once upon a time a bunch of Tek employees with talent, foresight and perseverance had a dream; to capture the spectrum analyzer (SA) market, fragmented at the time among several companies, with HP dominating. It started with the acquisition of Pentrix and the L-series plug-ins, and the formation of a spectrum analyzer design group. (Pentrix was a Brooklyn, N.Y. company that designed and built a 535/545 plug-in microwave spectrum analyzer. (principals were Arnie Frisch, Morris Engelson and Larry Weiss) They needed money to expand their 'baby'. In about 1964, 50 years ago, they contacted Tektronix. Morris E. came to Beaverton to demo their plug-in. Yes, Tektronix was interested but didn't know a thing about the frequency domain....

Sent by Don Tucker W7WLL

Due to lack of space the article will be continued in August. However, go to our website to see it all. *Editor*

Tektronix Retiree Volunteer Program

M/S 22-037, PO Box 500

Beaverton, OR 97077 - 0001

Quarterly Quote: The Engineer states that the cup for liquid (1/2 full) is twice the size needed. Garrison K.; Prairie Home Companion

Marconi's Cronies

Meet the 2nd Wed of each month
(except July and August)

12:00 p.m.

Tom's Restaurant
3871 SE Division Street
Portland, OR

Jack Riley: 503-235-5267

Previous Tek-Employees Luncheon

11:30 a.m. 2nd Monday monthly
Peppermill Restaurant
17455 SW Farmington Road #26B
(Corner of Farmington
& Kinnaman Rd)
Aloha, OR 97007

Details: Annetta Spickelmier
503-649-2491

CALENDAR

TERAC

6:00 p. m.

Round Table — Beaverton

Weekly on Friday

CRT Luncheons

3rd Tuesday each month

@ 11:30 am

(except June thru August)

Beaverton Izzy's

11900 SW Broadway

Beaverton Town Center

Details: Jack Neff: 503-554-7440

1301 E Fulton St, Apt # 233

Newberg, OR 97132 - 1870

READ YOUR TEK-RETIREE NEWSLETTER ONLINE

Would you like to help save postage and read your Tek-Retiree Newsletter on our webpage? Send your name, address, phone number and email address to: mlscott@easystreet.net

Millie will send you a notice when the newsletter is posted each quarter. If your email is changed or rejected for any reason you will receive one phone call to request an update. If you don't respond we will return your newsletter to the US mail list. To preview the web page and previous issues of the newsletter go to:

www.tekretirees.org

Spectrum Analyzers at Tektronix

(This article is from the December 1979 issue of Tekweek. It may be of interest to old FDI employees.)

The following is a bit of Tek spectrum analyzer history and a "what might have been." It was put together by Linley Gumm with assistance from Len Garrett. I'm passing it on to the Tektronix and Family Hams List because most hams have always wanted to 'see' around their operating frequency. Products were available back then but most were very expensive. More and more hams today have newer technology spectrum analysis products, but some have latched onto old discontinued Tektronix or other spectrum analyzers. These older products can be found through eBay and other sources. Anyway, the story.

Once upon a time a bunch of Tek employees with talent, foresight and perseverance had a dream; to capture the spectrum analyzer (SA) market, fragmented at the time among several companies, with HP dominating. It started with the acquisition of Pentrix and the L-series plug-ins, and the formation of a spectrum analyzer design group. (Pentrix was a Brooklyn, N.Y. company that designed and built a 535/545 plug-in microwave spectrum analyzer. (principals were Arnie Frisch, Morris Engelson and Larry Weiss) They needed money to expand their 'baby'. In about 1964, 50 years ago, they contacted Tektronix. Morris E. came to Beaverton to demo their plug-in. Yes, Tektronix was interested but didn't know a thing about the frequency domain. Gordon Long was asked to listen to Morris and then determine how well the product worked. It met the specifications stated. Tektronix invested in Pentrix in 1965.) After a full line of L-series plug-ins was introduced, the technology in them was used to create the world's first portable spectrum analyzer, the 491. This product was extensively used by the military.

After the 491, the spectrum analyzer group turned to more modern architectures, the first being the portable 1401 and the 1401A spectrum analyzer (500 MHz coverage). This product used the 322 oscilloscope as its display. After the

1401 the next target was a line of 7000-series spectrum analyzers plug-ins. The first was the 7L12 (1800 MHz coverage, two-wide) followed by the super selective 7L13 (1800 MHz coverage, three-wide). Other instruments in this period were the 7L5 (5 MHz coverage, two-wide, fully frequency synthesized) and finally the 7L18 (18 GHz microwave coverage, three-wide) with its excellent selectivity. The 7L18 was the first instrument at Tek to feature a microprocessor-based control system. There were also ancillary instruments in this period like an excellent 1800 MHz tracking generator that worked with the 7L12, 7L13 and later with the 492. Another instrument, the 1405 was marketed to allow Tek's analyzers to sweep analog TV transmitters. This product generated large profits and was in Tek's catalog an incredible long time.

Divisionalisation came to Tek, resulting in the formation of the Frequency Domain Instruments Business Unit. By this time, the 491, was obsolete. Bob Orwiller and Juan Moore brought a large scale new military sales opportunity to the group. An opportunity, that is, if certain goal could be met: an 80 dB dynamic range, no spurs, easy to use, extreme ruggedness, microwave coverage to 18 GHz, size small enough to fit through a submarine hatch and light enough to be carried by one person. This opportunity came well before the 7L18 was introduced, but its essential microwave technology and its microprocessor control system technology was available for use.

The resulting product was the 492, a modular and flexible instrument that could be offered with many option levels. For instance, among other things, one could order it with or without microwave preselection, digital display storage, or GPIB computer control capability. To make life simpler for the customer, some of these, like GPIB control, were offered as separate instruments (the 492P). Follow on programs added additional features. An improved, synthesized frequency control system was added which was marketed as the 494. An 1800 MHz coverage low-band

only instrument, the 496 was also marketed.

Not visible to the public nor often even to our sales force, were several aspects that made the 492 relatively economical to manufacture and support. The 492 system is modular with internal plug-in modules. This allowed modifications and changes to easily be made to individual modules as parts became obsolete or when performance was improved. From the very first, the business unit's mantra was that whenever any module was updated it MUST be backwards compatible. This meant that when a module was obsoleted, factory service didn't need to stockpile parts which resulted in a much lower overhead to support existing instruments.

The backwards compatibility mantra also applied to the system software. The latest 492 software will operate in the earliest instrument. As the software boots up, it polls the modules to determine the mod level of each unit and then loads appropriate software to run that unit. Again, this meant that factory service did not need to keep track of past versions of system software; only the last version was needed.

Following the 492 series, Frequency Domain Instruments designed and built the technically advanced 2782 and the economical 2710 family. Significant quantities of all these products were sold into the commercial and federal marketplace, becoming a standard for many. Unfortunately, military budgets fell, limiting markets for the high end products and completion in the mid and low performance market sharpened with Asian and European competition. With lack of ready profits, management support faded, the dream crumbled and Tektronix gave up the market to what was then the spectrum analyzer segment within HP (now Agilent).



Van Mason of StoneRidge Wealth Management speaking at the volunteer's luncheon held Apr 19. He spoke about market bubbles that have occurred over many years from the Tulip one about 150 years ago to the recent housing market.

StoneRidge promotes conservative growth of assets before and during retirement.

A column titled "Tips to Manage Spending In Retirement" appeared in the NYTimes on April 11, 2014. It can be found online and is certainly worth reading.

TEK RETIREE NEWS

ExTek

Tektronix
Retiree
Volunteer
Program



Web Page: www.tekretirees.org

A Newsletter for and by Tek Retirees

August 2014

Living in Myrtle Creek, OR

By Judy Watkins

Six years ago I had never heard of Myrtle Creek, Oregon and now I only wish that I had heard about it ten years earlier. I was brought up in Small Town, Montana where everybody called everybody by their first name and I really believed that type of town belonged to another place and another time...but that was before I found Myrtle Creek.

Myrtle Creek is located 18 miles South of Roseburg and just two minutes off I-5. Roseburg is our "big town" for shopping and most doctors. Roseburg has a huge Veteran's Hospital, a Community College and it has most of the stores that Portland has but in *much* smaller versions. The new Costco and newly remodeled Walmart Super Store are the largest stores available. There are only three exits off the freeway into Roseburg and it would be impossible to get lost there.

Myrtle Creek sits in a beautiful valley on the South Umpqua riverbank. The weather in Myrtle Creek is mild compared to Portland or Eugene. Where Portland sees gray days for months at a time, we can count on at least half a day of blue skies even in the worst weather. Our temperatures are warmer and there is less rain. Myrtle Creek and the adjoining unincorporated Tri City have a combined population of about 6,000 people and has a very appealing small town atmosphere. Myrtle Creek has one stop light that allows safe pedestrian crossing between the Dairy Queen and Millsite Park and about a year ago a second light was added in Tri City when the new bridge opened crossing the Umpqua River to I-5.

Why do I love living here? I can safely walk from my house to the bank, post office, beauty parlor and all the local stores and restaurants. Looking out the windows from my house one would think I live in the country with the tall trees and hills so near. Across the street from my house horses graze in the pasture and deer and wild turkeys can be seen most days.

Within a mile of my house there are two covered bridges, an 18-hole golf course, and three beautiful and well maintained

parks. As I write this a disk golf course is under construction between Millsite Park and the river near the downtown area. Our parks have many yearly activities including Music in the Park during the summer months where on Thursday evenings folks mingle, eat their picnic lunches and listen to the music. During the four-day Summer Festival in July many bands entertain, there are booths where local merchants display their wares and a huge fireworks display follows on Saturday night. The July 4th fireworks can be seen just seven miles down the road in Riddle. Tai-chi enthusiasts exercise in the park three mornings a week, rain or shine.

While Portland has Christmas Ships, our local logging trucks are decorated in similar fashion and parade the seven miles from Riddle to downtown Myrtle Creek. This is a big event and bonfires can be seen all along the parade route as groups watch the parade. The parade passes in front of our house and we invite friends to watch with us and make a party out of the evening. The neighbors across the street have a big fire in their horse pasture and they have an air-horn that is blown as they approve each passing entry.

Volunteers are always needed to staff the two local food banks (Riddle and St. Vincent's in Myrtle Creek) and city functions along with many other things. The community provides free Thanksgiving and Christmas dinners at the Community Center to everybody who wants to attend and this is entirely provided by volunteers. I have been on the city's budget committee and helped with several fund-raisers for the city's swimming pool.

It is hard to believe but we find more things to do for entertainment living here than we ever found in the Portland area. Maybe that is because things are more accessible and much less expensive. Some of the things that we enjoy include:

- * Plays and musical performances that are available at the Community College and two local play-houses. The Community Choir has two yearly performances.

- * Stock car races are held weekly at the Roseburg fairgrounds from early Spring

through late Fall.

- * The Seven Feathers Casino and Resort is eight miles south on I-5. The casino offers good food (closest good restaurant) and entertainment. We found Myrtle Creek when we attended a boxing match at the casino.

- * Jet boat trips on the Rogue River out of Grants Pass.

- * Crater Lake (137 miles) and Diamond Lake (102 miles) are close enough to enjoy in a one day outing.

- * There is only one movie theater in Roseburg and they provide a free movie for seniors on Wednesdays and inexpensive afternoon movies on weekends through the winter and everyday during the summer.

- * Rodeo in mid-June

- * Short day trips sponsored by the Two-Mile Travelers and the Winston Senior Center.

- * Wildlife Safari in Winston (12 miles) is a wonderful place to go. We have a yearly pass and go there at least once a month. Things change constantly. The animals are in different places doing different things depending on the weather and new babies are always being born. Wildlife Safari is famous for the number of baby cheetahs born there.

- * There are 26 churches available in the area and as you would expect the congregations are small. I have been treasurer for our church almost since we joined.

- * On a personal level, I have hosted a weekly woman's life-writing group (16 members) in my home since I moved here and I teach a line-dancing class for senior women at the local art shop.

I can't begin to name all the great things about living in Myrtle Creek and interesting places to visit, but it is becoming a haven for seniors as more folks discover the warm climate and quality of life. There are many opportunities here for sports enthusiasts and this area is famous for gold mining in the river and creeks. For me, I not only love the area, I FLOURISH HERE!

TekWeek 40 Years Ago

condensed by Gary Hoselton

Shows! * Rapid-Scan Spectrometers were featured at the Tek booth during the 1974 **Biochemistry-Biophysics Meeting and Show** in Minneapolis. Ed Goff, Jere Marrs, Gerry Hull and Jim Nicholson manned the exhibit, receiving 130 inquiries from about 6,700 attendees. * Seventeen Turkish Air Force officers, in charge of electronic maintenance, were among 550 visitors to the **Tek exhibit van** during its one-week tour of Turkey. * Tek Sweden's IDD group displayed terminals and calculators, including the 4014, 4953, 4922, 31/53 and 154 Interface to the Texas Silent 700-printer, at the **International Federation of Information Processing Exhibition** in Stockholm, and said they had one of the most jammed stands with a continuous stream of people almost all day long. * Tek displayed an 80 foot booth at the **Wescon** show in Los Angeles, where 28,744 attendees produced 3,344 inquiries and 2,323 requests for calls. The booth emphasized IDD, calculator and portable products, and included an engineer's work station with TM500 instruments. Tek won first place award for the most effective booth of 60 feet and more, with HP second and DEC

third. The award was accepted by John Landis, Pacific Region Sales manager, Santa Clara; Dick Perkins, District Sales manager, Van Nuys; Ralph Show, Exhibits manager, Beaverton; and Dave Weathers, District Sales manager, Irvine.

Papers were presented by Bill Walker (Group Vice President), Ken Lindsay (Marketing/Sampling), Jack Grimes and Mona Saba (both Calculator Engineering), and Tom Gandy (High Frequency Devices). * New Telequipment products for UK market only, including the TVI 625-line television monitor plug-in, were demo'ed at the **Leeds Electronics Exhibition**. 10,000 visitors were exposed to the Tek 5000 and 7000 series, the 466 100-MHz storage oscilloscope, and calculator products.

Tek Grows! * Tek is purchasing land and hiring local architects for new field office/service centers adjacent to key locations. Irvine CA is complete, construction is under way for Dallas TX and Santa Clara CA facilities, and land is purchased for Chicago and Boston facilities. Ground is compacted and construction is starting for the first building at Wilsonville, a 272,000 square foot single story structure, the 200,000 SF General Purpose building (58) will soon be finished, and an 86,000 SF addition to the Metals building (19) and a 30,000SF building at Grass Valley Group are underway.

The Pentrix Story

The following is a bit of Tek spectrum analyzer history and a "what might have been." It was put together by Linley Gumm with assistance from Len Garrett. I'm passing it on to the Tektronix and Family Hams List because most hams have always wanted to 'see' around their operating frequency. Products were available back then but most were very expensive. More and more hams today have newer technology spectrum analysis products, but some have latched onto old discontinued Tektronix or other spectrum analyzers. These older products can be found through eBay and other sources.

Anyway, the story.

Once upon a time a bunch of Tek employees with talent, foresight and perseverance had a dream; to capture the spectrum analyzer (SA) market, fragmented at the time among several companies, with HP dominating. It started with the acquisition of Pentrix and the L-series plug-ins,

and the formation of a spectrum analyzer design group. (Pentrix was a Brooklyn, N.Y. company that designed and built a 535/545 plug-in microwave spectrum analyzer. (principals were Arnie Frisch, Morris Engelson and Larry Weiss) They needed money to expand their 'baby'. In about 1964, 50 years ago, they contacted Tektronix. Morris E. came to Beaverton to demo their plug-in. Yes, Tektronix was interested but didn't know a thing about the frequency domain. Gordon Long was asked to listen to Morris and then determine how well the product worked. It met the specifications stated. Tektronix invested in Pentrix in 1965.) After a full line of L-series plug-ins was introduced, the technology in them was used to create the world's first portable spectrum analyzer, the 491. This product was extensively used by the military.

After the 491, the spectrum analyzer group turned to more modern architectures, the first being the portable 1401

and the 1401A spectrum analyzer (500 MHz coverage). This product used the 322 oscilloscope as its display. After the 1401 the next target was a line of 7000-series spectrum analyzers plug-ins. The first was the 7L12 (1800 MHz coverage, two-wide) followed by the super selective 7L13 (1800 MHz coverage, three-wide). Other instruments in this period were the 7L5 (5 MHz coverage, two-wide, fully frequency synthesized) and finally the 7L18 (18 GHz microwave coverage, three-wide) with its excellent selectivity. The 7L18 was the first instrument at Tek to feature a microprocessor-based control system. There were also ancillary instruments in this period like an excellent 1800 MHz tracking generator that worked with the 7L12, 7L13 and later with the 492. Another instrument, the 1405 was marketed to allow Tek's analyzers to sweep analog TV transmitters. This product generated large profits and was in Tek's catalog an incredible long time.

Divisionalisation came to Tek, resulting in the formation of the Frequency Domain Instruments Business Unit. By this time, the 491, was obsolete. Bob Orwiller and Juan Moore brought a large scale new military sales opportunity to the group. An opportunity, that is, if certain goal could be met: an 80 dB dynamic range, no spurs, easy to use, extreme ruggedness, microwave coverage to 18 GHz, size small enough to fit through a submarine hatch and light enough to be carried by one person. This opportunity came well before the 7L18 was introduced, but its essential microwave technology and its microprocessor control system technology was available for use.

The resulting product was the 492, a modular and flexible instrument that could be offered with many option levels. For instance, among other things, one could order it with or without microwave preselection, digital display storage, or GPIB computer control capability. To make life simpler for the customer, some of these, like GPIB control, were offered as separate instruments (the 492P). Follow on programs added additional features. An improved, synthesized frequency control system was added which was marketed as the 494. An 1800 MHz coverage low-band only instrument, the 496 was also marketed.

Not visible to the public nor often even to our sales force, were several aspects

that made the 492 relatively economical to manufacture and support. The 492 system is modular with internal plug-in modules. This allowed modifications and changes to easily be made to individual modules as parts became obsolete or when performance was improved. From the very first, the business unit's mantra was that whenever any module was updated it MUST be backwards compatible. This meant that when a module was obsoleted, factory service didn't need to stockpile parts which resulted in a much lower overhead to support existing instruments.

The backwards compatibility mantra also applied to the system software. The latest 492 software will operate in the earliest instrument. As the software boots up, it polls the modules to determine the mod level of each unit and then loads appropriate software to run that unit. Again, this meant that factory service did not need to keep track of past versions of system software; only the last version was needed.

Following the 492 series, Frequency Domain Instruments designed and built the technically advanced 2782 and the economical 2710 family. Significant quantities of all these products were sold into the commercial and federal marketplace, becoming a standard for many. Unfortunately, military budgets fell, limiting markets for the high end products and completion in the mid and low performance market sharpened with Asian and European competition. With lack of ready profits, management support faded, the dream crumbled and Tektronix gave up the market to what was then the spectrum analyzer segment within HP (now Agilent).

Sent by Don Tucker W7WLL

Secretary Needed at the TRVP

By Louis Sowa

Our secretary has retired due to health issues. We need a replacement to take and distribute minutes for our monthly meetings. We 'work' on Wednesdays and our monthly meeting is on the first Wednesday of each month at 1PM. We have a great deal of historic Tektronix data, which needs to be organized. If you might be willing to volunteer one day a week to help with either or both of these tasks please let me know at LSowa@earthlink.net or 503-320-0440. Being a volunteer organization we are very aware of the need to be flexible with vacations and other personal time off.

Death Notices May, June, July 2014

We are no longer able to get death notices or length of service information from the Tektronix data base.

We would appreciate any assistance retirees or members of their family can provide us. We have posted here the information we found in obituaries, newspapers or from family members or friends who have notified us. In order to ensure accuracy in our reporting we need: the name spelled out, date of birth and date of death. Also, we like to include their length of service at Tektronix when possible. To ensure accuracy in our reporting please leave your contact information – name, email, and/or phone number in case we have any questions.

The newsletter staff is in the office on Wednesday from 10:00 a.m. to 3:00 p.m. each week. You may call us on Wednesdays or leave a voicemail any time at 503-627-4056.

Or you may send an email to:
tek-retirees@tektronix.com

Donald (Don) Briscoe — d. 05/28/2014
at Tek 9 years; retired Aug '91

Robert (Bob) Dean Burney —
d. 06/15/2014; at Tek 22 years

Michael M. Cavanaugh Sr —
d. 05/02/2014

Beverley Chase — d. 04/11/2014
at Tek 20 years

Kathy Lou Coker — d. 05/15/2014
at Tek 22 years

Mark Degner — d. 09/03/2009

Betty Lou Duffield — d. 06/08/2014
at Tek 31 years; retired May '83

John "David" Dunlap — d. 12/22/2013
at Tek 23 years; retired May '83

Douglas Clyde Hill — d. 05/14/2014
at Tek for 20 years

Anton "Tony" J. Klobertanz —
d. 06/15/2014; at Tek 30 years

Rebecca "Becky" A. Kuhn —
d. 06/09/2014; at Tek 31 years

Mergie Lindsay — d. 09/30/2013

Leon D. Lingel — d. 06/17/2014
at Tek 22 years; retired May '83

Athelia Norby — d. 04/18/2014

Mildred M. Pahlka — d. 12/12/2012
at Tek 21 years; retired July '94

Harold A. (Hap) Pierce — started 1961
d. 04/13/2014; at Tek 22 years

Brad Lee Powell — d. 06/11/2014
at Tek 6 years; retired in 1989

Michael D. Rigik — d. 05/20/2014
at Tek 31 years; retired Apr '93

Robert George Rullman —
d. 07/11/2014; started 1958; see:
http://www.anewtradition.com/obituaries/obituary/9725_Robert_George_Rullman

Raymond H. Schulenberg —
d. 05/22/2014; at Tek 28 years

Claude Chandler Vandevent, Jr. —
d. 09/24/2011; at Tek 22 years

Ronald Wold — d. 04/25/2014
at Tek for 29 years; retired May '83

Lyle Richard (Dick) Zobel —
d. 03/14/2014; at Tek 12 years

RETIREE BENEFIT INFORMATION & ADDRESS CHANGE PROCEEDURE

Retiree Medical and/or Life Insurance

Anyone who is a past employee with Retiree Medical and/or Life Insurance will need to request information or make changes in writing to A & I. You must include your signature and Social Security number.

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

401k Benefit

Anyone who has a 401k benefit must contact Fidelity for information or to change their address directly with them at:

1-800-835-5092

Cash Balance Plan

The Cash Balance Plan has been transferred to Danaher Pension Plan Processing Center with Hewitt. Questions or changes should be directed to:

1-800-580-7526

Tektronix Retiree Volunteer Program

M/S 22-037

PO Box 500

Beaverton, OR 97077 - 0001

Phone: 503-627-4056

Email Address:

Tek-Retirees@Tektronix.com

Tek Retiree News

Manager: **Louis Sowa**

Editor / Publisher: **Gordon Long**

TRVP Staff

Peggy Jo Berg • Gary Hoselton • Ray Kato

Paul Kristof • Jim Manuel • Pete Nelson

Neil Robin • Millie Scott • Judy Watkins

Tek Retiree Newsletter is published quarterly by the Tektronix Retiree Volunteer Program. Send all correspondence to Tek Retiree News, M/S 22-037, PO Box 500, Beaverton, OR 97077

Office Telephone: 503-627-4056

Email: tek-retirees@tektronix.com

Manager's Cell Phone: 503-320-0440

TRVP Web Page: www.tekretirees.org

TRVP News

by Louis Sowa

The TRVP board voted to discontinue the yearly volunteer luncheons. We have had some great guest speakers over the years, but attendance continued to gradually decline. It appears we got mostly the same people every year. As these people became unable to attend our attendance has decreased. Anyone who volunteered for any organization qualified to attend. When these luncheons were first instituted we had nearly a hundred attendees which dropped to barely over twenty. We at the TRVP are sorry to have to discontinue this free lunch and excellent presentations, however we felt the cost and work to provide it cannot be justified for so few participants.

To Whom It May Concern (Editor):

In the article titled "Spotlight on Peggy Jo Berg", in the last paragraph, it implies that Xerox bought the Tektronix printer business in 1993.

Sorry, it was Jan. 1, 2000 that the Tektronix printer employees were welcomed into Xerox.

Alfred Brown

(Retired Jan. 2013 from Xerox)

How Interesting:

I left Xerox in 1995 after working under Xerox management for two years.

I got my retirement check from Tektronix while working for Xerox, double pay!!!

I reread the article below: We were the 'printing business' at Tektronix, in Building 76 (typesetting, prepress (plate making) High Speed Printers, Presses and Bindery operations. He is referring to the 'PRINTER' business in Wilsonville probably. I don't remember the date that was taken over by Xerox.

Peggy Jo Berg

Tektronix Retiree Volunteer Program

M/S 22-037, PO Box 500

Beaverton, OR 97077 - 0001

Quarterly Quote: Every little picofarad has a nanohenry all it's own. What is? A transmission line.

Norm Winningstad

CALENDAR

Marconi's Cronies

Meet the 2nd Wed of each month
(except July and August)

12:00 p.m.

Tom's Restaurant

3871 SE Division Street

Portland, OR

Jack Riley: 503-235-5267

Previous Tek-Employees Luncheon

11:30 a.m. 2nd Monday monthly

Peppermill Restaurant

17455 SW Farmington Road #26B

(Corner of Farmington

& Kinnaman Rd)

Aloha, OR 97007

Details: Annetta Spickelmier

503-649-2491

Redmond Breakfasts

8:00 a.m. 1st Monday monthly
Shari's Restaurant; Redmond, OR

1565 SW Odem Medo Way

Spouses welcome

Details: Nick Hughes 541-548-1201

TERAC

6:00 p. m.

Round Table — Beaverton

Weekly on Friday

CRT Luncheons

3rd Tuesday in Mar, May & Nov

@ 11:30 am

Beaverton Izzy's

11900 SW Broadway

Beaverton Town Center

Details: Jack Neff: 503-554-7440

1301 E Fulton St, Apt # 233

Newberg, OR 97132 - 1870

READ YOUR TEK-RETIREE NEWSLETTER ONLINE

Would you like to help save postage and read your Tek-Retiree Newsletter on our webpage? Send your name, address, phone number and email address to: mlscott@easystreet.net

We will send you a notice when the newsletter is posted each quarter. If your email is changed or rejected for any reason you will receive one phone call to request an update. If you don't respond we will return your newsletter to the US mail list. To preview the web page and previous issues of the newsletter go to: www.tekretirees.org

Please send questions, information or correspondence not involving the newsletter online to TVRP at tek-retirees@tektronix.com

TEK RETIREE NEWS

ExTek

Tektronix
Retiree
Volunteer
Program



Web Page: www.tekretirees.org

A Newsletter for and by Tek Retirees

November 2014

Dear Retirees,

Please join me in thanking your retirees who take the time and interest to publish the newsletter.

A few years after leaving Tektronix I was asked to be Executive Director of the affiliate of Habitat for Humanity serving Beaverton and Hillsboro. It was a privilege and an honor to have been asked to share the Habitat story at one of the volunteer luncheons (2005 or 2006, as I recall). It was a great place to bring the quality, technical and ethical leadership I gained during my 37 years with Tek. Granted, I had some of the principles as a new hire in 1965, but Tek was the primary place where I could hone those skills. I found Tek to be a culture where I could endlessly seek out my next mentor and there are many to thank for their patience and tireless zeal. Not just sharing their domain knowledge, but for their operating at the very highest level of self-actualization.

I'm blessed to be in great health, and increasingly feel compelled to assert: "It's never too early to thank those who helped you through this journey called life."

Best regards,

Bill Gellatly

At Tek 1965-2002

Tektronix Plastics Department

by Al Foleen

In 1950 it all started innocently. Tek had been purchasing graticules for years, but as Tek's ability to get more precise measurements the inscribed lines on the purchased graticules were not good enough. The next question was, could we make a better one?

No one in the company had any plastic's knowledge so they contacted Jim Boyle, who had a small plastics shop, and asked him if he could make a better graticule. He came up with ideas to make the new ones much better. He asked the company to buy a large table saw to cut the graticules from a large (4X8) Plexiglas sheet. He then added a pan-o-graph (duplicating machine) to inscribe the graticules from a master pattern.

Gene Brink was asked to operate this machine. The inscribed parts were placed in a jig and grooves machined in them which we then painted. The parts were then sent out to have the edges chrome plated. This was done to prevent any unwanted outside light to be inside the graticule.

Jim was then asked to help make an adjustable delay line. The engineering model was a nylon tube into which they wanted to embed two brass pins. When they heated the brass pins to embed them into the nylon tube they fell out when they cooled. Jim suggested molding the part with the pins in place but Tek did not have any molding machines.

This was the start of the plastics department!

The closest molding machine capable of doing the job was a toy machine advertised in the Popular Mechanics magazine. Jim purchased one to see if it would work, it did not have the capacity to make the part (coil form) but with the help of Bill Tescher they made a small molding machine similar to the purchased one.

Bill and Jim made a mold to make the part with the brass pins molded in place. Engineering wanted the tube between the two pins to be as thin as possible.

The very first parts had a wall the thickness of 0.006. When DuPont, who supplied the nylon molding material, said that it could not be done. We didn't know any different so we did it anyway.

There was a slight problem - nylon is very moisture prone. When we molded the parts there were holes in the parts from water vapor that would spit at the operator. We finally figured out that the problem was worse on rainy days than hot days. So we went out and purchased a bread drying oven from Franz Bakery. We put the cans of nylon in the drying oven before molding. Problem solved.

About this time the company business was growing fast. We were buying the control knobs from Chicago Molding. The more knobs we ordered the price would go

up. When the price got to \$ 1.00 each, Howard said "that's enough." So again he asked Jim if we could make our own knobs. Jim said yes. Bill Tescher made a steel model and sent it to California to have a mold made, one knob at a time. They cost \$. 18 each. With that success Bill built an automatic knob molding machine.

The engineering and marketing people decided that they would redesign all of the knobs and plastics could make them. More machines.

About this time Duncan Bergeron joined the company's plastics department. He designed a machine that would drill a hole in the knobs, next thread the metal insert and drill a hole in the face of special knobs. This machine saved the work of three people.

By the time Tek was making our own CRTs and was sending replacement CRTs to our customers. Slight problem - the new CRT did not survive the trip. CRT then asked if we could fabricate shipping containers for the instruments. They were time consuming to make. They then asked the plastics department if we could make a plastic shipping container for the instruments. It was decided that expanded dyalite beads was the material of choice for the shipping container

We looked at buying a machine but we went to the machine shop and they said they could build what we needed for about one-third the price of a purchased one. Ray Auel was the chief mold and part designer for this machine. To expand the plastic beads to make the parts required steam. So facilities had to build a steam generator on the roof of building 19. It was placed on the roof for safety reasons.

In the mid-west there were hundreds of acres devoted to raising "industrial" grade popcorn that was not for human consumption. This popcorn was used for shipping delicate parts, including electronic instruments. Tek warehouse had huge canvas bags filled with this popcorn for shipping out instruments. One day a lady opened a

TekWeek 40 Years Ago

condensed by Gary Hoselton

Tek Grows! * 1974 was a summer for labor strikes, slowing and complicating a number of Tek construction projects locally and around the nation. A strike at the Kaiser Foundation Health Plan reduced service to emergencies only, and Kaiser refused to pay for care elsewhere.

News in the Tek world! * No more free coffee in cafeterias, now 10¢ per cup, lots of grouching; intent is to recover \$200,000 cost of coffee per year. * Tek receives its own ZIP code, 97077, in place of the Beaverton 97005 code. * Most buildings in the Tek Industrial Park lost power for a half hour mid-morning when an oil pipeline failed in a PGE portable transformer at SW 141st Street. PGE emergency crews were back several weeks later when an underground 12,500 volt cable to Assembly West (47) failed, sending 400 series portables and 7000 series instrument workers home for twelve hours, made worse by it being the last week of the quarter and some were working overtime. A few weeks later, a new trench was dug and new primary plus alternate feeds were installed from the Utilities (22) building to the Assembly buildings (39 & 47). * A frequently hospitalized bright 11 year old boy with leukemia was building an oscilloscope, needing only a CRT to complete it, and had no means to acquire one. The University

of Kansas Medical Center contacted Jim Gray, PST at the Tek Kansas City Service Center, who, in turn, passed request to Ed Srebnik (CRT Manufacturing manager). Ed sent one and Vern Isaac (Storage CRT Production) sent one. The hospital reported the boy was delighted to receive them, started to wire one into his instrument, but then lost his battle with the leukemia. * National Semiconductor's calculator PC board facility at Mountain View CA was completely destroyed by fire. A Tek 465 portable with cover installed was found in the smoldering ruins and taken to the Tek service center, plugged in, and it performed within specs! * Phyllis Fillmore was promoted to manager of U.S. National Bank's Electronic Park branch, replacing Gary Patterson who transferred to the head office in Portland. * At the Annual Meeting, President Earl Wantland said that the FY began optimistically in June, 1973, despite concerns over slowing of the growth rate, creeping inflation, availability of power, the possibility of increased federal taxes on companies engaged in international business, and the threat of wage and price controls. Then came the eruption in the Middle East and the oil embargo. This set off a wave of inflation and higher prices for manufacturing materials, plastics and oil. Shortages resulted, along with a worldwide demand for food and materials. Earl said Tek remains optimistic about the future. * Tek reported sales for the 1974 spring quarter of \$73M, up 30% from last year, earnings \$5.7M or 66¢/sh, unfilled orders of \$81M, and 13,536 U.S. employees, up 15% from last year, which includes 1,150 field people, plus 3,000 employees outside the U.S.

information we set out to build our own machine. When we turned on the new machine and put some plastic material in the barrel it froze-up solid. A little redesign and we were in business. The cable had to have a flexible metal shield so we converted a shoelace making machine to solve the problem.

Paul Bennett was in charge of accessory cable assembly department. He could not get the proper size wire coated the proper color stripes so we set up a machine to coat the proper wire size and then built a machine to paint the proper striping. We then built the connector wire cable for Howard's in-house organ.

While all this was going on, Bill Tescher was putting together a mold making department and a shop to make all of the jigs and fixtures that our assembly department needed to make the assembled part. The instrument assemble division did not want to do any work on a part, they wanted to pick the part up and install it, so we did all of the pre-assembly for the plastic parts.

Cal Smith was made manager of the plastics department. It did not take him long to find out many of our quality problems came from the molded parts not holding the proper dimensions. So he and I put together a proposal to have all of our old style machines replaced with all brand new machines that could mold the parts to meet all quality requirements.

When engineering finished designing and building a new instrument, marketing took over the new instrument and decided how many they could sell and what day they wanted to start shipping the instruments.

When plastics received the drawings for the plastic parts needed for the new instrument, several things took place. First the mold design people looked at the part and how long it would take them to design and mold to make the part. Second, the mold maker would decide how long it would take to make and build the mold. The molding department would decide how long it would take to mold the required parts. Fourth step, the assembly manager would give the amount of time to assemble the final part if needed.

We then added all of the estimated hours to see if we could meet the needed ship date. Many times we were unable to make the ship date, so we would go see the engineering mold shop and ask if we could use their molds to make the needed part so

bag of popcorn and out came a very large angry rat. She took one look at the rat and out the door she went straight to Howard's desk. She told him her story and said she would never go back in the warehouse again. Howard told her to take the rest of the day off and come back in the morning and Tek would find her a new job.

Howard ended up in the plastics engineering department and told them this story and asked if there wasn't something that was plastic that could replace the popcorn.

One of the engineers, Steve Vilko, took this as a mandate that was not to be ignored. So every spare moment that Steve had he was trying different ideas. He looked at the expanded beads and asked if they could be extruded. I called the company and they said they had such a material and they would send Tek a 55 gallon drum of material. Bingo! It worked and Tektronix plastic popcorn was born. The product was patented by Tektronix. Tek was soon getting hundreds of calls from

other companies wanting to buy the plastic popcorn. Howard said we are an electronics company not a supplier of packaging material.

Tek was in the process of redesigning its line of probes. The new probe needed a connector cable that had a center conductor wire that was the size of a human hair. Engineering sent a drawing of the cable to a California company to make the desired cable. The company sent back a 50 foot sample. It worked perfectly so Lang Hedrick ordered 500 feet more. The company refused the order and said that there was no way that they would make the cable. Several phone calls between the company presidents later, they still refused to make the cable. What to do? Marketing had already started advertising the new probes. So once again they turned to plastics to make the cable. The size of the extrusion machine needed to make cable did not exist. So I called DuPont for plans to build an extrusion machine. With this

that we could meet the required ship date.

Tektronix wanted to design and build its own hard copy machine that was compatible to our own instruments. The biggest problem in designing the machine was to get around all the patents that Xerox already had for their own copy machines.

The machine that Tek designed worked great except that the characters did not stick to the paper. To get around a Xerox patent, Tek developed a heat sensitive ink. They then made a "hot plate", and passed the printed paper over the hot plate to set the image.

This required a high heat resistant plastic belt to transport the paper. We developed a silicon plastic belt that also had to be electrically conductive. So we mixed a conductive carbon material into the mixture when mixing the material. Then molded the "belt" but we could not have a witness line where the mold came together so we turned the belt inside-out and eliminated the problem. This belt could not stretch or change shape when it passed over the heated plate because it would distort the image to be printed.

Tektronix was growing and it needed the space that plastics occupied. Tek rented a building in Vancouver, Washington and moved the plastics department into the rented space.

(to be continued Feb 2015)

This part of **Tek History** (from the historical society) was stated as well as I've seen...

The 1980s and 1990s proved to be decades of decline for Tektronix. Increasing worldwide competition from other electronics companies shrank its profits. To cope, Tektronix downsized, cutting half its personnel between 1985 and 1995. The company's influence on regional economies, however, continued. Layoffs released a well-educated workforce into the community. As Tektronix struggled, some engineers grew frustrated that their research did not result in products and left to start their own companies. Tektronix more directly fostered this entrepreneurial spirit with the Tektronix Development Corporation (TDC). As a venture-capital subsidiary, TDC helped new business ventures develop and commercialize products that were sometimes based on technology Tektronix had created. Fur-

Death Notices August, September, October 2014

We are no longer able to get death notices or length of service information from the Tektronix data base.

We would appreciate any assistance retirees or members of their family can provide us. We have posted here the information we found in obituaries, newspapers or from family members or friends who have notified us. In order to ensure accuracy in our reporting we need: the name spelled out, date of birth and date of death. Also, we like to include their length of service at Tektronix when possible. To ensure accuracy in our reporting please leave your contact information – name, email, and/or phone number in case we have any questions.

The newsletter staff is in the office on Wednesday from 10:00 a.m. to 3:00 p.m. each week. You may call us on Wednesdays or leave a voicemail any time at 503-627-4056.

Or you may send an email to:
tek-retirees@tektronix.com

Elmer Alwin Bannick — d. 12/19/2012
at Tek 17 years; retired August 1982
Warren Burt Barnes Jr. — d. 10/04/2014
Glenn Duane Barth — d. 08/24/2014
at Tek 28 years; retired Jan 1984
Garve Austin Beckham —
d. 08/08/2014; at Tek 29 years
Jessie Lee Bollinger — d. 09/05/2014
at Tek 26 years; retired May 1983
Donald Mitchell Brisco —
d. 05/28/2014; at Tek 15 years
Harold Edward "Hank" Bullock —
d. 08/11/2014; at Tek 25 years
Karl John Clark — d. 09/21/2014
At Tek more than 10 years
Dora Pauline Cook — d. 07/24/2014

Kenneth Raymond Davenport —
d. 08/17/2014; at Tek 22 years
John G. David — d. 09/12/2014
David Craig Frazel — d. 08/15/2014
Kenneth William Hawken —
d. 10/08/2014; at Tek 29 yrs to Jun '96
Douglas (Doug) Hepburn —
d. 04/30/2014; at Tek 20 years
Max B. Hiatt — d. 08/18/2014
at Tek 28 years; retired May 1983
George F. Knickrehm — d. 09/20/2014
at Tek 22 years; retired Jan '94
Glenn Lauinger — d. 09/22/2014
Donald D. Long — d. 01/16/2013
at Tek 27 years; retired Apr 1992
Patsy Moore — d. 08/20/2014
Loren Nutter — d. 08/11/2014
Peggy "Hazel" Parkhill (Charlberg)
— d. 05/22/2014; at Tek 15 years
Joyce Paula Agnes Theresa Roucka
— d. 05/29/2014
Theodor John Schiel — d. 09/23/2014
Cleo H. (Phelps) Schneider —
d. 09/09/2014; at Tek 13 years
Marianne Kay Shults — d. 09/05/2014
Marvin Paul Stiner — d. 08/11/2014
Mildred E. Sweet — d. Dec 2014
at Tek 12 years; retired June 1988
Dennis Bruce Thomas — d. 08/29/2014
At Tek 25 years; retired in 2006
Wilber Sheldon Wridge —
d. 07/25/2014
Francis Yeager Jr. — d. 09/08/2014
Eugene Homer Zirschky —
d. 08/29/2014; at Tek 32 years

RETIREE BENEFIT INFORMATION & ADDRESS CHANGE PROCEEDURE Retiree Medical and/or Life Insurance

Anyone who is a past employee with Retiree Medical and/or Life Insurance will need to request information or make changes in writing to A & I. You must include your signature and Social Security number.

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

401k Benefit

Anyone who has a 401k benefit must contact Fidelity for information or to change their address directly with them at:

1-800-835-5092

Cash Balance Plan

The Cash Balance Plan has been transferred to Danaher Pension Plan Processing Center with Hewitt. Questions or changes should be directed to:

1-800-580-7526

Tektronix Retiree Volunteer Program

M/S 22-037
PO Box 500

Beaverton, OR 97077 - 0001

Phone: 503-627-4056

Email Address:

Tek-Retirees@Tektronix.com

Tek Retiree News

Manager: **Louis Sowa**

Editor / Publisher: **Gordon Long**

TRVP Staff

Peggy Jo Berg • Gary Hoselton • Ray Kato

Paul Kristof • Jim Manuel • Pete Nelson

Neil Robin • Millie Scott • Judy Watkins

Tek Retiree Newsletter is published quarterly by the Tektronix Retiree Volunteer Program. Send all correspondence to Tek Retiree News, M/S 22-037, PO Box 500, Beaverton, OR 97077

Office Telephone: 503-627-4056

Email: tek-retirees@tektronix.com

Manager's Cell Phone: 503-320-0440

TRVP Web Page: www.tekretirees.org

Tektronix Retiree Volunteer Program

M/S 22-037, PO Box 500

Beaverton, OR 97077 - 0001

ther, as a part of its downsizing plan, Tektronix divested whole business units; those groups frequently continued as independent Silicon Forest companies. According to Urban Studies Professor Heike Mayer, forty-eight companies spun from Tektronix between 1980 and 2000.

sent by Dave Weathers

TRVP News

by Louis Sowa

We have been working with the First Technology Credit Union for their possible sponsorship of another luncheon. They may only partially sponsor meaning providing a space and some subsidy for food. If this should work out it will probably be the last half of March. Assuming success there will be details in the February Newsletter. The Credit Union has sponsored two luncheons over the past few years.

Editorial

by Gordon Long

The following has a good display and discussion about Global warming:
<http://earthobservatory.nasa.gov/IOTD/view.php?id=84499&src=eo-a-iotd>

We recently received, at home, a scam IRS call. It was from Washington, DC but showed an "unknown" on the caller ID. A woman on the line was very pleasant to my wife — and passed on an 800 — number to call. When she asked me I was able to state that the IRS never calls! Beware.

The Plastics Dept. history as well as the piece by Dave Weathers are quite interesting.

Please enjoy your coming holidays:
Thanksgiving and Christmas!!

See the on-line web site for two extra pages: the early Engineering team and a cartoon.

Quarterly Quote: The president is just like any other man: he puts his pants on one leg at a time.

anon.

CALENDAR

Marconi's Cronies

Meet the 2nd Wed of each month
(except July and August)
12:00 p.m.

Tom's Restaurant
3871 SE Division Street
Portland, OR

Details: Jack Riley: 503-235-5267

Previous Tek-Employees Luncheon

11:30 a.m. 2nd Monday monthly
Peppermill Restaurant

17455 SW Farmington Road #26B

(Corner of Farmington
& Kinnaman Rd)

Aloha, OR 97007

Details: Annetta Spickelmier
503-649-2491

Redmond Breakfasts

8:00 a.m. 1st Monday monthly
Shari's Restaurant; Redmond, OR
1565 SW Odem Medo Way
Spouses welcome

Details: Nick Hughes 541-548-1201

TERAC

6:00 p. m.

Round Table — Beaverton
Weekly on Friday

CRT Luncheons

3rd Tuesday in Mar, May & Nov
@ 11:30 am

Beaverton Izzy's

11900 SW Broadway

Beaverton Town Center

Details: Jack Neff: 503-554-7440

1301 E Fulton St, Apt # 233

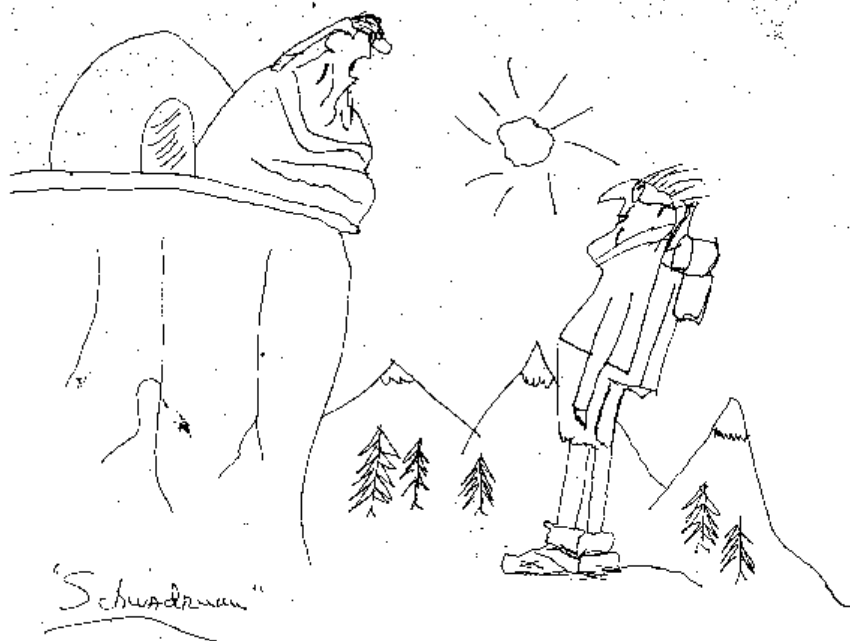
(no longer meeting — ed.)

READ YOUR TEK-RETIREE NEWSLETTER ONLINE

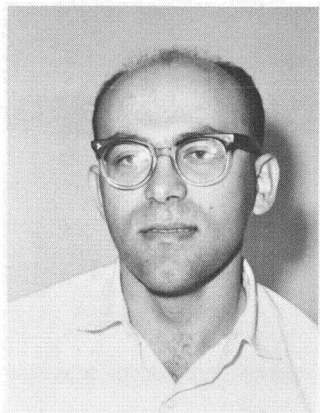
Would you like to help save postage and read your Tek-Retiree Newsletter on our webpage? Send your name, address, phone number and email address to: mlscott@easystreet.net

We will send you a notice when the newsletter is posted each quarter. If your email is changed or rejected for any reason you will receive one phone call to request an update. If you don't respond we will return your newsletter to the US mail list. To preview the web page and previous issues of the newsletter go to: www.tekretirees.org

Please send questions, information or correspondence not involving the newsletter online to TVRP at tek-retirees@tektronix.com



"While I can explain the meaning of life, I don't dare try to explain how the Medicare system works."



Engelson, Morris



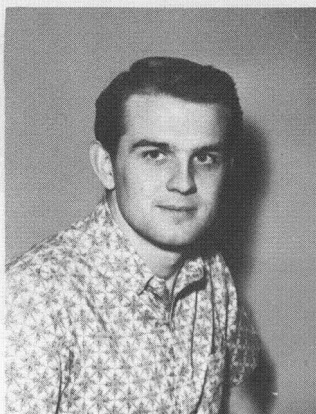
Weiss, Lawrence



Frisch, Arnold



Long, Gordon



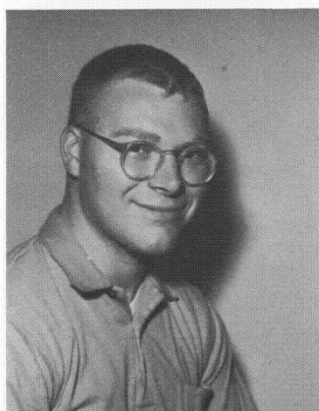
Kauffman, Gene



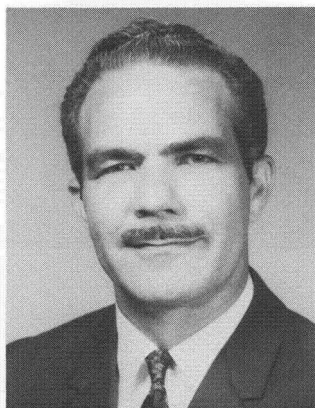
Lockwood, Larry



DeLano, Dan



Gault, Bob



Garrett, Len

Steve Morton

To compliment the recent article on Spectrum Analysers, most of these photos are the 3 men from Pentrix. The remainder make up the first SA eng. group at the Sunset Location – circa. 1966.

(as best I can recall. Gordon Long, TRN editor.)