# My lett-Packard Fors 1964-1984

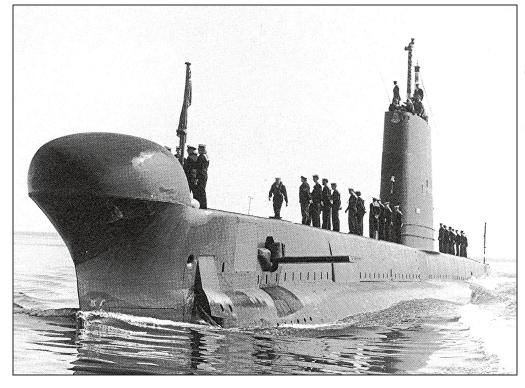
By Douglas MacKenzie Scribner



My first two years with the Hewlett-Packard Company working in the Marketing Department of the Dymec Division. This concluded when I left the company to serve a mission in Australia. My assignment at Dymec was to connect with customers who wanted a specialized product to make electronic measurements for their business. The products were to be built around our standard instruments. One such customer was the Navy Hydro-Graphics laboratory in Washington DC.

The system they purchased was to measure conditions of the ocean including: temperature of the water, speed of the currents, height of waves, and depth below the surface. It was to go on a ship and keep a record of the information. I worked with our R&D lab to modify our products to meet their exact requirements.

When I was a missionary in Perth, Australia, there was a newspaper photograph of hydro-graphic scientists standing beside my very system. To my surprise it was on a submarine. Since it was docked in my area, my companion and I went down to see it and actually went on board.



A submarine
like the one
we boarded
to see my
system

While working there I became very impressed by the story how Bill Hewlett and Dave Packard started their company. They were fellow students at Stanford University in Electrical Engineering. Bill invented their first product, an Audio Oscillator, in his garage. Dave was always the business manager of their partnership and Bill was the inventor. In 1958 Dave Packard gave a talk that demonstrated his integrity in business relationships. Some of his key points were:

- 1. Think first of the other fellow.
- 2. Build up the other person's sense of importance.
- 3. Respect the other man's personality rights.
- 4. Give sincere appreciation.
- 5. Develop genuine interest in people.

They certainly followed these concepts in dealing with their employees. This became apparent when I rejoined the company in 1964. There was no need for labor unions because all their employees were treated with fairness and respect. I started out in the Microwave Division Research and Development Lab working on a Power Measurement product. Though I enjoyed the work and my association with other engineers I began to realize that research was not my greatest strength.

We soon hired another new engineer name Rit Keiter, and I was assigned to be his mentor. Rit was a single fellow who had learned more about electronics when he was a boy than I was ever going to know. So I decided to change direction and become a production engineer on the manufacturing floor. This was a combination of engineering and business that I really enjoyed. Our Division Manager was John Young and he supported my decision, however he also sent a copy of my thesis to the HP Division in Germany. I learned that they were inventing the same product concept so I let them use my thesis.

After a couple of years as a production engineer I was promoted to become supervisor of the group. Half of the production engineers were supervised by an EE/MBA graduate named Doug Chance and I had the other half. I had a good relationship with my engineers and also with the technicians and assembly workers in production. At that time John Young was promoted to become one of the vice-presidents of HP and Paul Ely took his place. Paul asked me to become the Quality Assurance Manager for the Division with a team of about thirty people. This added a new dimension to my career.



Paul Ely presenting my promotion to his staff

During these years from 1965 to 1970 we lived in several places. Starting out we were in a rental home in an expensive part of Palo Alto. Some friends and family members visited us there including my parents, Ken's family, my old college friend Bob Gwynn and Cecile's parents when they completed their mission in Australia. We then moved to cheaper place and saved money to buy a home.



Doug Cecile & Boots



Doug and Bob



Cecile, Dad, Doug | Mom, Pat Danny and Russ and Julie



Cecil and Lucie

Our first purchased home was in the community of Los Altos, which was adjacent to Palo Alto. Our first three children, Russ, Gina, and Craig were born and got to live in that house. We loved that home and have great memories from there. We also made new friends in Los Altos such as a fellow HP engineer, Elwood Barlow and his wife Eileen. We also stayed connected to our friends Harry and Judy Schenck. They had phoned us on the night of our wedding reception to tell us that they had just been baptized as members of the Church of Jesus Christ of Latter-day Saints while at Harvard University. Harry then received his PhD in Acoustics and moved back to San Diego where he was employed with the Navy Hydro-Graphics Lab – the same place his father had worked many years before.



Russ, Craig & Gina



Elwood & Eileen Barlow



Our new home



Harry & Judy Schenck

Meanwhile, at HP, I had completed a three year assignment as Quality Assurance Manager for the Microwave Division. What really interested me was Manufacturing. So, I was given a job as the Production Manager for a sophisticated new set of Measurement Systems. For the first time we were using digital computers to improve the accuracy of Microwave Power measurements. On my team I had an engineering group, a marketing group and a logistics and material acquisition group. It really was like a complete small business in itself.



Doug



Steve

While we were living in Los Altos, my brother Steve came to stay with us for a summer. It was while he was attending the Los Altos Ward with us that he first met Mary Davis. They started dating and were married the next year. We had known the Davis family and had even worked together in the Stake Young Men and Young Women program but we had never met their daughter Mary before.

Steve and Mary were married during 1968 in the Oakland Temple. They had a beautiful reception so both the Scribner and Davis families and their friends could attend.



Frank & Hattie, Alice & Gordon, Doug, Steve & Mory Davis Scribner Scribner



Mary



Mary and Steve

# Versatile Doug Scribner Heads Stake Men's Mutual

By Greg Ford

(Another in the series, "Know Your Stake Leaders")

Last September, Doug Scribner of the Los Altos Ward was called to be the Stake Superintendent of the YMMIA. The position demands a Jack-of-all-trades and the Palo Alto Stake is fortunate to have someone so well endowed with a variety of interests and abilities to fill it.

Doug is a native Californian, born in Oakland and raised in San Diego. He came to Stanford to study electrical engineering and received a B.S. in 1959. While at Stanford, he was elected Junior Class President.

## Scholastic Convert

He also became a member of the Church while earning his degree. His first contact with the Church came from two L.D.S. roommates that he had in an off-campus house. Between his junior and senior years, his interest was further aroused when an old friend — from a youth group that he had belonged to — joined the Church and invited him to attend. He was taught that summer by the missionaries and throughout the next year and was baptized two weeks before graduation by Don Bennion.

Eventually four out of 10 members of the youth group joined the Church. Doug convinced his brother to go to BYU, and he, too, became a member and is now serving in the Mountain View Elder's Quorum Presidency.

For 18 months after graduation, he worked for Hewlett-Packard. He then received a missionary call to the South Australian Mission. Another important person entered his life at this time.

### In Down Under

Cecile, his wife, was in Australia with her parents who were serving on a building mission. She wanted to go on a mission, and President Bruce McConkie, the Mission President at that time, was more than happy to call her.

Their paths crossed common ground six weeks before Doug was to be released, and the proverbial tale of "waiting for a missionary" was reversed, while she completed the last year of her mission.

The year was not wasted for either of them, because, for Doug, the time was needed to work on his M.A. in electrical engineering at the "Y."



The Scribners, Doug and Cecile, with children, Gina and Rusty.

Doug's Type

Instead of completing the work in one year, Brother Scribner had an opportunity to be chairman of the Judicial Council and, took two years to receive his degree. His wife returned during this second year, and they were married at the school year's end in the Manti Temple—just in time to type his Master's Thesis. At the "Y," Doug served on the Stake Sunday School Board and was head of his ward's genealogy committee.

In September 1964 the Scribners moved into the Palo Alto Ward. He returned to work for Hewlett-Packard, but he found that the work in the research laboratory was not what he wanted to do. He is currently production manager for the automatic microwave systems (computers linked by microwaves).

### Many Jobs

In the Palo Alto Ward he was Sunday School Superintendent. After being released from the position he became Elder's Quorum President. At the same time Cecile was President of the YWMIA. Shortly before they left the Palo Alto Ward, he was called to serve in the stake YMMIA superintendency, where he served until he was called to become Superintendent. Cecile is currently the dance director in the Los Altos Ward.

The Scribner's have two children: Rusty, 3½, and Gina, 1½. As a family they enjoy camping and interior decorating, an example of the variety of his interests that helps him be Superintendent of the YMMIA.

In addition to my work at HP, and raising a young family, there was still time for Church Service.

On 27 February 1971, my father Gordon Raymond Scribner passed away. Fortunately the family had gathered in 1970 for a portrait.



Ken and Doug

Dave and Steve

Gordon and Alice

Gordon had a remarkable life. In his early days he was a romantic person. He used his skills in mechanical design to create a monogram for my mother.





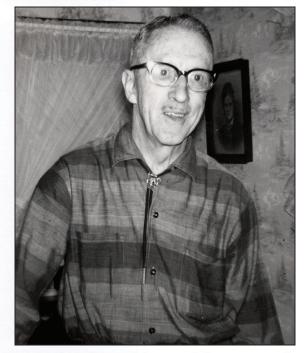
Gordon was devoted to performing service for others. Though not committed to religion, he always wanted to do things for other people. He became an active member of the Hillcrest Lions' Club and was

eventually elected as their President.

# Gordon Scribner Named Hillcrest Lions' President

Ratification of a panel of officers previously placed in nomination and the induction of a new member, Russell Crofoot, owner of the Lincoln Ambulance Service, highlighted this week's meeting of the Hillerest Lions Club.

Elected unanimously, the following officers will serve the current fiscal year:



He was also an outdoorsman who even went backpacking with me and my friend Bob Gwynn in the High Sierra Mountains.



Dad was on a tour of the Yucatan Peninsula with Mom and was climbing the steep stairs of the Aztec pyramid when he had a heart attack. I got to speak at his funeral in San Diego. It was well attended because he had been such a positive influence in the lives of so many.

# the grapevine

Hewlett-Packard Company Santa Rosa/Rohnert Park

May 198

The BIG NEWS at HP was that the Microwave Division had grown to the point that it needed to expand and that the site chosen for a new plant was in Santa Rosa, Sonoma County, California.



At HP the big question was how do we start up a new plant site 100 miles away and who will do it. We had a management retreat at Paul Ely's cabin to address the issues. At that point Paul asked me if I would move my family to Santa Rosa and become the plant manager for the start-up. Jack Grout was named to be the personnel manager to organize the hiring of people. Doug Carnahan would arrange for a temporary plant site until permanent buildings could be constructed. Jack and I each selected a small team of people to take with us. We then arranged for a leased bus to carry the team up and back each week.

Doug at Paul Elys Cabin

In May 1972 we all arrived at the leased temporary plant site to conduct job interviews and begin hiring people. Cecile and I had a farewell party at our home and then put it up for sale. We selected a home to buy in Santa Rosa on Bridgewood Drive in the Rincon Valley. Our Son Scott was born on 8 July 1972 and we moved nine days later.



Farewell Party

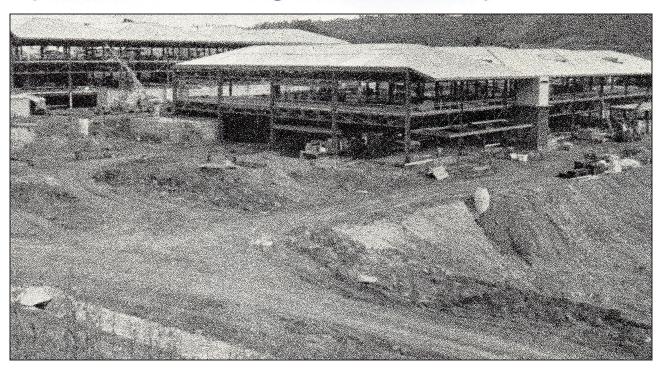


Bridgewood House

For the next two years we hired and trained electronic technicians and assembly people to build out microwave test instruments such as Spectrum Analyzers and Network Analyzers. We taught them how to assemble printed circuit boards, microcircuits, and complete instruments. We worked with the Santa Rosa Junior College so they would teach electronic technicians to understand and test high frequency products.

HP leased temporary buildings called 1T, 2T and 3T to house our production activities. Between 1972 and 1974 over 12,000 job applications were processed by our tiny personnel department so we could easily select the best ones. We even taught a forty hour "preemployment" training class to help us decide who to hire. During this period both Dave Packard and Bill Hewlett came up to see what we were doing and I gave Bill a personal tour of the details of our production.

Then in May of 1973 construction of our permanent buildings began on the 190 acre site that HP purchased on the Fountain Grove Ranch. A year later these two buildings were well on their way.



To better prepare for the management challenge that was before me, I chose to enroll in in a one week long intense management course taught by Stanford University to any of their alumni who needed it. This was in September of 1973 and I stayed on the campus.

The Stanford Alumni Association of

Stanford University

awards to

Douglas M. Scribner

this Certificate of Completion of

The Advanced Management College

September 16-21, 1973

Apan

Advanced Management College

Birector

The Stanford Alumni Association

Director of Special Services

The Stanford Alumni Association

1974 was a year of major recession in the United States. Many companies were laying-off their employees to cope with the lack of business. However, being a man of integrity, Bill Hewlett refused to do so. Instead he instituted the "Nine day fortnight" where-in all hourly employees took every other Friday off without pay. All salaried employees also took a 10% cut in pay but kept working on those Fridays.

By 1975 there was a financial recovery so HP organized the Santa Rosa Division and selected 29 year old Doug Chance to head it up as the General Manager. He held this position for the next five years. I was selected to be on his staff as the Manufacturing Manager. Cyril Yansouni and Rit Keiter were the R&D Managers and Bill Wurst was in charge of Marketing.





Bill Wurst



Doug Chance



Rit Keiter

As we settled into the Bridgewood house, we attended the Santa Rosa First Ward. The Santa Rosa First and Second Wards shared a chapel in the Bennett Valley. Our Bishop was Blair Scofield who had served in that capacity for over eight years. He and his wife Beth welcomed our family. Then, in 1973, I was called to serve as one of his counselors. Perhaps this was because I had served in that same role in the Los Altos Ward before we moved.

In 1975 Bishop Scofield was released and I was called to be the next Bishop of the First Ward. My ordination and setting apart was performed by Elder David B. Haight whom I had known in Palo Alto sixteen years before. One of my counselors was Bill Ashton who had moved to Santa Rosa from Palo Alto with the HP Finance Department. This was an exciting new experience for Cecile and me.



Blair and Beth Scofield



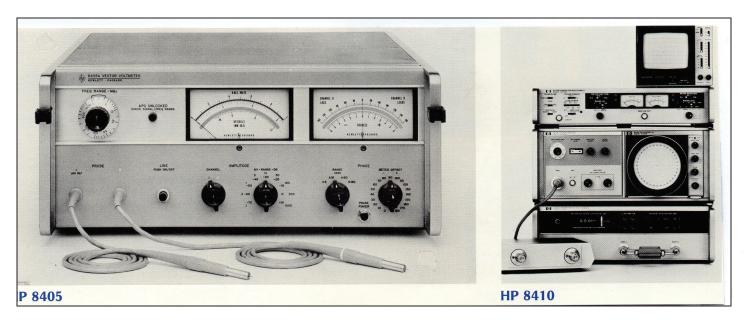
A new Bishop Sonta Rosa Ist. Ward.

Bill and Pat Ashton 1976 was an important year for HP in Santa Rosa. The construction of the first two permanent buildings on the Fountain Grove site was complete. To cope with our growth we had built a second temporary building we called 2T. Doug Carnahan, who now also worked for Doug Chance, had transferred our Precision Machining operation into it from Palo Alto. We now worked with the Junior College to develop people skilled in this area as well as electronics. Here receptionist Shay Rogers was presenting Carnahan and me with a humorous award for our accomplishments.



"Straight Arrow" Award.

As I moved instrument production into the new buildings, the administrative functions of Marketing, Finance and Personnel also joined us. Products we built there included these Network Analyzers.



1976 was also the 200 year anniversary of America's Declaration of Independence. At church the Bishopric called Inez, Urie to produce a pageant to honor this event and asked Cecile to assist her.



We then took our older children back to the East Coast to visit Steve and Mary who were then living there and to see historic sites like Boston Harbor and Sturbridge Village (A recreated town of that era.)



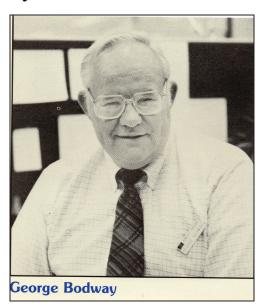
Steve & Mary, Lara, Troy, Chad



Plus: Russ, Gina, Craig, Scott

By 1978 HP Santa Rosa had grown to over 1,000 employees. Doug Chance completed his assignment as general manager and was replaced by Hal Edmondson. The new products coming out of R&D were very successful which stimulated further growth. Also, the decision was made to move the Microwave Thin Film, Integrated Circuit fabrication from Palo Alto to Santa Rosa under George

Bodway.





During Edmondson's tenure the employee population grew from 1,000 to 3,000 people. A third building was completed on the Fountain Grove site to house the growth.

In addition to my management of production, I had the interesting assignment of recruiting new engineers from the three Utah universities, BYU, Utah University and Utah State College. I found some excellent students like Lewis Newton, Roger Oblad, and Bob Brown so we hired them all into Santa Rosa.

With people like this the church was growing in membership as well as the community at large. Our ward was growing and we were having some great experiences together. One unusual experience while I was the Bishop was sponsoring the Tran family. Nhon Tran (Tran Van Nhon) and his family joined the Church of Jesus Christ of Latter-day Saints in Saigon, Viet Nam in the early 1970s. Then, in 1973, the Viet Nam War began. He spoke four languages and was thus working for the U.S. Embassy. In April 1975, despite American involvement, Saigon fell to the North Vietnam Army. Seeing this coming Nhon placed three of his children in an orphanage where they could escape by "Operation Baby-lift." Then he and the rest of his family managed to get on the last flight out of Saigon.

They went of Guam where they were allowed to make one phone call to the United States. He chose to call President Kimball and spoke to his secretary stating that they would arrive at Camp Pendleton in California. The prophet and his wife went to Camp Pendleton and met them. A photograph of this was in the Church News. I saw the picture and phoned them to say I had a job for him at HP and a place for them to live. Nhon and his wife Ai Chau found their missing children and agreed to come so Reed Ogden and I took two cars to the

airport to meet them.



Backrow: Nga, Nhon, Ai Chau, Ahn and Trung Front row: Thuy, Lap, Hoa, Van and Phuong Reed Ogden was my counselor in the Bishopric for just a short time after the Tran family arrived. He was then called to be a counselor in the Stake Presidency. My new counselor was Ralph Hoyal. The Scribner, Ashton and Hoyal families enjoyed doing things together.



Scribner



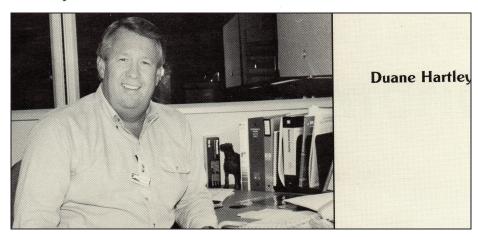
Hoyal



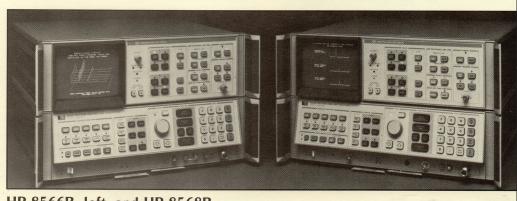
Ashton

Even though the fourth building was started on the Fountain Grove site it was clear that this would not be enough to cope with our growth. So Hal decided to split the Division into two smaller units, each with its own general manager. The Network Measurements Division would remain in Santa Rosa but the Spectrum Analyzer Division would move to a new site in nearby Rohnert Park.

Bill Wurst became the general manager of the Network Measurements Division and I was named as Manufacturing Manager. Rit Keiter became the general manager of the Spectrum Analyzer Division and Duane Hartley was named as Manufacturing Manager. All this would transpire in the early 1980s.



# spectrum analyzers



HP 8566B, left, and HP 8568B

The years of 1979 and 1980 were like and emotional roller-coaster. It began with my brothers and me uniting with our mother. It had been eight years since dad died and we wanted to show her our love and support so we all got together for a party and a portrait.



Steve & Ken

Alice

Dave & Doug

Then, in March of 1879 Bill Ashton moved back to Palo Alto to take a new job with HP. Gary Bunnell was called to take Bill's place in our

bishopric.

Gary and Jackie Bunnell

A story of Re-activation



During the summer of that year Cecile and I took a trip to Europe It was partially a business trip to visit HP plants in Scotland and Germany. But we also took some vacation time to visit Switzerland. Grandma James and Cecile's sisters watched our kids while we were gone.

Then in October of 1979 I was released as Bishop and Gary Bunnell was called to serve in my place.



A time of mixed emotions





# 1980 was the 150 year anniversary of the Church and we celebrated!!



# Then on December 27 Cecile's mother passed away. Lucie Howard James was just 80 years old when she died. We attended the funeral.

Encircled -- a sonnet

Encircled was I in my spirit home By the glow of Heavenly parents' love But this I left, took my journey alone While unembodied kin watched from above. Encircled was I in my home on Earth By the bright luminous rays of the sun As I entered with pain, new life through birth

My Family unit had now begun. Encircled was I when my death drew nigh By the "Soft radiance of His Glory" Earth's care and stress, trials and duress passed by

As in peace my own mind told my story. After eons of work and expectation Encircled at last by exaltation.

Lucie H. James (1973)

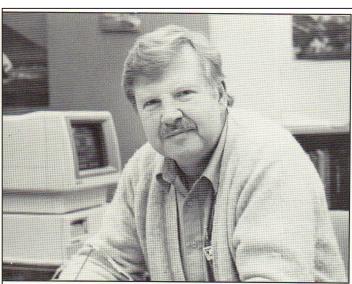
Lucie was a poet but mostly a mother and a grandmother.

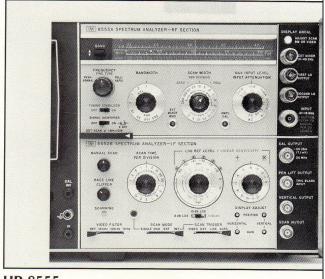






At HP, Dick Anderson became the General Manager of all the Microwave Group Divisions. He authorized the construction of the Rohnert Park Building for the newly formed Spectrum Analysis Division. Siegfried Linkwitz, inventor of their original product, became the R&D Manager.

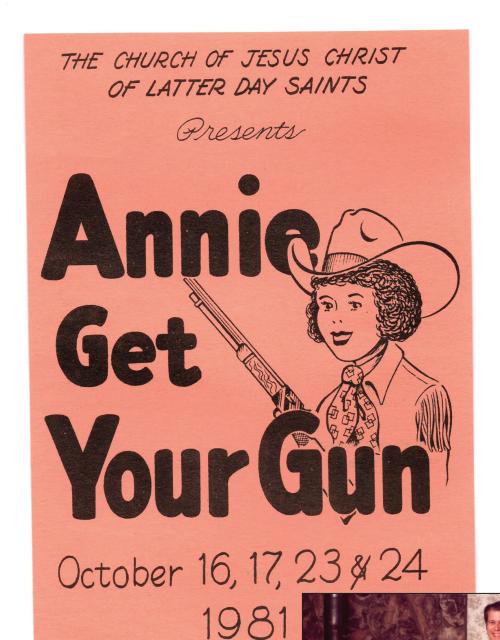




gfried Linkwitz

**HP 8555** 





With seven children we thought our family was complete. I was called to serve on the Stake High Council and Cecile produced another Stake play, "Annie Get Your Gun."

Doug & Cecile with Russ, Gina, Craig, Scott, Christy, Jim & Spencer. A letter of appreciation for my work in Scouting was sent to me from Congress. I was the Scout Commissioner for Sonoma County and got my training at the Philmont Scout Ranch in New Mexico.

DON H. CLAUSEN
REPRESENTATIVE IN CONGRESS
2D DISTRICT, CALIFORNIA
"THE REDWOOD EMPIRE DISTRICT"

COMMITTEE:
PUBLIC WORKS AND
TRANSPORTATION

COMMITTEE: INTERIOR AND INSULAR AFFAIRS

# Congress of the United States

House of Representatives

Washington, D.C. 20515

July 12, 1982

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Mr. Douglas Scribner 6572 Bridgewood Drive Santa Rosa, California 95405

Dear Mr. Scribner:

In recognition of the importance of Scouting and your personal commitment and participation in the activities of the Sonoma-Mendocino Area Council. I want to extend to you my personal appreciation and commendation for your outstanding community effort.

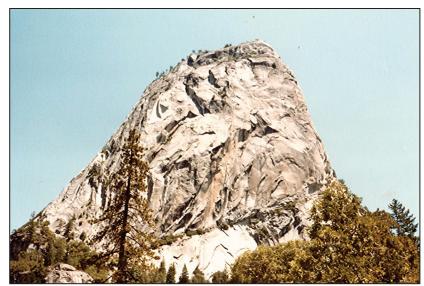
Certainly our greatest national asset is our young people, and through your participation in this volunteer activity you have made it possible for them to have a fuller life, while at the same time helping them to prepare for the responsibilities of the future.

Keep up the good work. You are performing a very valuable community service.

Sincerely,

DON H. CLAUSEN

Representative in Congress



Philmont Scout
Ranch
New Mexico
With its famous
"Tooth of Time"

Grandpa James, Russ Scribner, Cecile Scribner







My mother's 80<sup>th</sup> birthday was on 31 March 1983. We had a wonderful party for her with our children, Ken's family and my cousin Karen. Then in June we went to Hawaii with Cecile's siblings and her father Cecil. It was the first time I had ever been there though Cecile had been there once before with her family when she was just a girl.



Alice with our children

To our surprise we learned that Cecile was pregnant and expecting a baby in December. This was exciting for us! So, in July she drove our van to Utah with our younger children plus their friends Tina Hoyal and Stacey Jorisson. She was eager to spread our news to her family. However, Russ and I stayed home. Then on July 12, when Cecile was driving back, she was in a serious auto accident in Nevada. The van rolled into the center space of the freeway. Fortunately some truckers saw it happen and stopped to help. They lifted the van off Craig before it crushed him, so he and the others all recovered. Ralph Hoyal, Russ and I then drove there to pick them all up and bring them home.

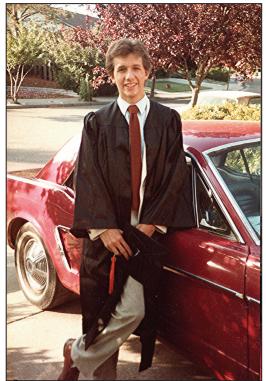
Our Van that rolled over



Lora Michelle Scribner was born 5 December 1983 and brought a new light into our family. Both mother and daughter were in good health so our family was now complete!

Then, in January 1984 I received a phone call from Dick Anderson in Palo Alto asking if we could meet for lunch in Santa Rosa so we could talk. When he came he told me about his plan to create a new manufacturing operation at the HP plant site in Queensferry, Scotland. He then asked if our family would be willing to move there in June for at least three years so I could be the General Manager of the Queensferry Microwave Operation. I replied that this was a big decision so I would need to discuss it with my family.

As the family discussed it, Cecile was excited to go. The two biggest concerns were our two oldest children, Russ and Gina. Russ was about to graduate from Santa Rosa High School and enter BYU in the fall. He could come to Scotland for the summer but would have to return to Provo in September. Gina had the most difficult decision to make. She was completing the 10<sup>th</sup> grade and would have to leave all her high school friends like Jill Thompson. Still, she agreed to go.





Russ' Jill and Gina Graduation

My brother Ken and his wife Pat had gone through a divorce and Ken was now remarried to a wonderful and artistic woman named Doreen Price.

Then, in April 1984, my brother Dave passed away leaving Marion and their three children. Earlier he had made a special effort to visit mom. I attended his funeral in Arizona but Cecile had to go to Oregon at the same time for the funeral of Rochelle Barlow.



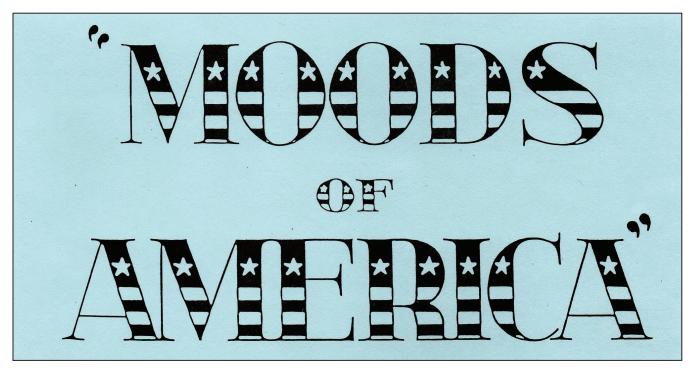
Ken and Doreen

Dave and Alice



Also that Spring Cecile and I had to go to Scotland to find a place where we might live. It wasn't easy because most Scots have small families. Finally we located Kirkton Hill, a large estate on a one and a half acre site in the small town of Ratho. HP agreed to buy it for us to use while we were there. Ratho was nine miles west of Edinburgh and six miles south of South Queensferry where the existing Hewlett-Packard plant was located. This made it an ideal place for us to reside.

We had one last big event to accomplish before we could leave for Scotland. It was a three stake Regional Dance Festival. Cecile and I were called to serve as co-chairs for the event but she did most of the work. The festival was held on 5 May 1984 at the Santa Rosa High School boy's gym. There was also a participant's dance party the night before the day of the festival.



This was an amazing and wonderful event. Once it was over we could put our entire focus on the move — to — Scotland, scheduled for June 15.

