ETA Systems 5th Anniversary Yearbook

What have you been doing over the past 5 years

December 1994

Foreword

Dear Fellow ETA Graduate:

Many of you remember the date April 17th, 1989 not as the day that your taxes were due, but rather as the end of an era in the Supercomputing Industry. However, it really turned out, for many of us, as the beginning of a new chapter for those who worked at ETA Systems. Five years have passed since that day, and much has changed. Everyone involved in ETA Systems has moved on to other jobs or other careers. Many of us left Minnesota for other states and countries, but we were all were touched by working for ETA. This is a snapshot of where many of our fellow co-workers have traveled since that fateful day. Along with new careers, many have since married, divorced, had children, and for a few passed on. As you read these pages, I hope that you enjoy where we have gone, as well as see how the magic of ETA systems has stayed with many of those who worked there. While putting this Yearbook together I was really amazed at how strong the sense of pride of working at ETA Systems still holds five years later.

I do want to thank those who helped put this yearbook together, It was through their support and contributions that this Yearbook was possible their input and other ideas were of immense help. The Yearbook Committee, as I like to call them were:

Lionel Bening
Kathy Bong
Holly Breymaier
Catherine Fitch
Paul Hinker
Pat Hiti
Billy Jean Horne
Linda Vetter

Also a special thanks to John Jackson at Purdue University, who donated space on his system to store this for down-loading. For those who don't know John, he was a CYBER 205 and ETA 10 administrator at Purdue University, and a supporter for Control Data and ETA supercomputers over the years.

Lastly, a thanks to my family who put up with my running LINUX, hogging disk space and time on our computer to put this together (as well as suffering through various hardware failures to boot).

I hope that you enjoy this yearbook, and continue to have as successful career and exciting life as these pages describe. ETA Systems was a very special part of my career that I will never forget.

Bernard King-Smith
Editor-in-Chief
ETA 5th Anniversary Yearbook.

History

The following is some history of ETA machines after ETA Systems closed. There are more stories spread through out this yearbook, but these are particularly interesting. This was contributed by Marty Pease, who still supports the machines through Control Data Systems.

(Mail from Marty Pease)

Well, I can give you some rather dry lists that you might be able to spice-up and there is at least one story that might be fun to include.

I don't have exact dates or names (maybe somebody else has?), but Ken Glidden was called to testify in a case of espionage involving a Piper. This case may have made the newspapers, but the Feds (FBI?) setup a "sting" operation aimed at catching some people suspected of trying to export "hi-tech" computers to a Eastern Block country (Bulgaria?) without applying for an export license. The defense story was (if I remember correctly) that this machine could not possibly be considered "hi-tech" because everything had to be entered manually and read-out in "hex". (Do YOU still have YOUR 'Run A Job' button?) Ken said that the DEFENSE called one of the people from FSU that had lived through that ordeal, and in the end, the court threw the whole thing out because neither side could prove (or disprove) that this was technology worth worrying about.

More recent news: A sale of a Piper is well under way (and may even be complete by this time) to a school in Kentucky. According to the information that I have, George (??? - whoever - the broker that got all the excess equipment) has contacted a Control Data sales person for quotes on hardware/software support. The school has a special application involving the scanning of two million documents that is expected to be a two year effort using the piper. (Maybe you can find out more details - the school is the Passionist Nuns).

The following is the count of how many machines were running at the end of each year after ETA Systems closed.

End of 1989	26 machines
End of 1990	18 machines
End of 1991	15 machines
End of 1992	11 machines
April 1994	9 machines (including ARH)

Alphabetical Listing by Collegue

Randy Bach

Current Address:
1001 Pine Tree Trail
Stillwater, MN 55082

Currently working at:
LSI Logic Corporation
Bloomington, MN 55437

e-mail address:
reb@lsil.com

When I was at ETA, I worked as a
Circuit designer

Since ETA, I have worked at :
August, 1989 to January, 1993 - Unisys, Roseville MN
January, 1993 to present - LSI Logic

OTHER:
I think that if I keep working in the semiconductor industry for another 10 years or so, it will catch up to where we were in 1989!

Michele Beaudet

See Michele Jacobus

Roland Begin

Current Address:
2722 SW Huber St.
Portland, OR 97219
(503-293-0504)

Currently working at:
Sequent Computer Systems, Inc.
Beaverton, OR

e-mail address:
roland@sequent.com

When I was at ETA, I worked as a
Instructor

Since ETA, I have worked at :
Sequent (see above)...that's all

Things that have changed in my life since ETA include:
Remarried - to Myrna Des Marais (of Mpls)

One of the things I remember most from when I was at ETA is
The day that I arrived at the Frankfurt airport to deliver some training to the German Weather Service and I was met by Dorothy Aas and Randi Boesser. Dorothy was suposed to be teaching the GWS at the time so I was rather shocked to see her there ... until I asked her why she was not teaching and her reply sounded something like a dry wind rasping up out of the desert. She had laryngitis!!! And she had worked out an arrangement where she would whisper to Randi what to say, then Randi would say it, etc. etc.

OTHER:
a. How does your current job compare to working at ETA: My current job, as senior instructor, has me much more in the mainstream of the computer biz, teaching all levels of Unix system administration and tuning, as well as database administration and tuning.
b. What was the most important aspect of your ETA experience: Gave me valuable experience in a number of different aspects of the computer biz, and lots of basic experience in all parts of building a computer training business.

Lionel Bening

My name while at ETA:
Bob's brother at Arden Hills

Current Address:
1109 Highedge Drive
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214-964-8951

Currently working at:
Convex Computer Corporation

e-mail address:
bening@convex.com

When I was at ETA, I worked as a
Visitor, Arden Hills CAD Laison, and honorary alumni.

Since ETA, I have worked at :
Resume Writers of America 4-89 to 6-89
Convex Computer Corp 7-89 to Present

Things that have changed in my life since ETA include:
Transformation to empty nesters, with 2nd of two daughters graduated from College in June '93.

One of the things I remember most from when I was at ETA is
The excitement of the bold steps in technology.

OTHER:
Sports 1) Retired from sailboat racing after 20-some years on Lake Calhoun. 2) Still playing touch football, now from September to May, instead of September to December in Minnesota. If any of you touch football fans are in the Dallas area some time, call me about joining us on Sunday mornings in Plano.
Travels 1) Trips to Minnesota once or twice a year.
Hobbies 1) Started trying to learn to sing a little bit with a SPEBSQSA chorus. 2) Started trying to play guitar with folk music clubs in Dallas. 3) Winemaking, stereoscopy (3D) continue in the background. 4) Joining alumni groups from organizations that I was not actually a member. In Minnesota, I went to reunions of the Winona Senior High School that I never attended. Since coming to Dallas, my wife and I joined the Northwestern Univerity Alumni Club, although we never went there. (Our daughter went there, which got us on the list). And, there is the ETA alumni list, towards which I feel an affinity because of having worked a lot on the Star-100 and a little on the Cyber-20x's, having joined the ETA ranks on April 18, 1989 (I was on a business trip on April 17) and because of my current supercomputer company job.
How does your current job compare to working at ETA: At Convex, I work on Hardware Description Language styles and logic simulation go-fast techniques. The work that I am doing here builds directly on the experience that I had in my years before April 17, 1989. The roots of UNIX at Convex go far deeper than they did at ETA. One big difference is that Convex, being a smaller company with a shorter history, does not have the high-level political overhead that seemed to weigh down on workers at ETA.
What was the most important aspect of your ETA experience: The realization that changes in the technology industries are happening more rapidly than ever before. 5-6 years is a pretty good run nowadays.

Michael K. Berquist

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Currently working at:
Medtronic, Inc.

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When I was at ETA, I worked as a
Senior Mechanical Designer - Product Specialist Liquid Cooled Systems

Since ETA, I have worked at :
Yes, 2, ECC International Corp., Orlando, FL & Medtronic, Minneapolis

Things that have changed in my life since ETA include:
Have had to adjust to not making as much money. I still have not made as much as I made my last full year (1988) at ETA. This has caused my family and I to make significant changes. 1989 & 1990 were particularly the hardest in Florida with my annual salary dropping to 2/3rds of what I made the previous year. 1994 should be the year of recovery.

One of the things I remember most from when I was at ETA is
The FSU and DWD ETA10 installations. The 8, or so, trips I made to Florida in 1987-88. Bill's Book Store on the FSU campus. Rocky II's, St. George Island, The Cabot Lodge happy hour. Barnacle Bill's. Driving in the car with Susanne Cooley, yikes! The 2 weeks with Bernie Gross, et.al. in Frankfurt, Germany, Apple W(v)ine, vending machines that dispense beer, the "nightlies" that broke out in the CDC office at DWD (everynight), or so it seemed like it, Saxonhausen (everynight), Marco Polo's, Adolph Wagner's, not believing Bernie and Gary Brausen when they told me to get away from the "happy" German in the Jazz Emporium until he french kissed me in the left ear, YUK! Being lost in Munich during Octoberfest with Gary. The pile of "poop" under the floor at DWD. The one big party we had at the International Market Square.

OTHER:
I think up-rooting my family in July '90 to start the job in Florida was not necessarily a humorus experience for me, but it was definitely a growing experience for my wife and daughter who hadn't lived anywhere else but St. Paul. I have many stories to tell about those 11 months in Orlando.
While Florida may be not the greatest place in the world to live it still holds a particular affinity to us. We have gone back twice on vacation doing the things we didn't do while we lived there, like driving down the Gulf Coast, accross the Everglades and down to Key West. We are now eagerly awaiting to begin our next trip the last week in July '94 to Cancun. Eight days of lounging on the beach.

Keith V. Besaw

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or

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Currently working at:
IBM Rochester MN

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When I was at ETA, I worked as a
Team leader of compiler development
Maintenance and upgrades to Peritus C and Fortran

Since ETA, I have worked at :
Only IBM

Things that have changed in my life since ETA include:
Birth : Tracy Debra Besaw March 2, 1990 Daugher Shawn graduated High School and now at U of Minn.

One of the things I remember most from when I was at ETA is
Something about your time at ETA that you keep as a fond memory. Walks over to Nelson Cheese Factory for ice cream. Group lunches in Como Park. Summit Pale Ale at the bar after Softball. The close knit groups (and infighting between). The tour of manufacturing.

OTHER:
How does your current job compare to working at ETA. Same tasks (new compiler development); less excitement.
What was the most important aspect of your ETA experience. Seeing what it takes (or was lacking) to be a startup/entrepreneurial company.
A funny story/experience while you were at ETA, or about ETA since you left ETA. Not long after Andy Ingalls joined the compiler group I attended my first Vikings game. Well, my wife and I are way up in the seats for those without season tickets. Sometime into the second half up pops Andy on the Dome big-screen monitor sitting in the choice seats. The cameraman was having fun following Andy and his two-year old son who was non-stop motion climbing all over everything. He may have been in the good seats but I doubt he watched much of the game. How does a kid right out of college get choice seats at a Vikings game?

Gary E. Bolenbaugh

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924 4th St. SW #103
Forest Lake, MN 55025

Currently working at:
Control Data Systems, Inc.

e-mail address:
gary.bolenbaugh@cdc.com

When I was at ETA, I worked as a
Purchasing Manager

Since ETA, I have worked at :
Control Data Systems, Inc.

Anne Bolgert

My name while at ETA:
Anne Bolgert

Current Address:
12215B Running Bird Lane
Austin, Texas 78758
(512) 719-4583

Currently working at:
IBM

e-mail address:
bolgert@austin.ibm.com

When I was at ETA, I worked as a
I worked on the Fortran Team.

Since ETA, I have worked at :
IBM

Things that have changed in my life since ETA include:
I thought I died once, but then I woke up and it was all a bad dream. It must have been something I drank!

One of the things I remember most from when I was at ETA is
There are so many to choose from. But as I look back at the time spent at ETA, most of the memories have to do with extra-curricular activities. To name a few, the ETA Bowling League, Summit Brewery Tours, many Happy Hours (Thanks Hose), the Halftime Rec (Bocce Ball), volleyball and

softball teams, rafting on the Apple River, etc.

OTHER:

a. How does your current job compare to working at ETA It doesn't!

b. What was the most important aspect of your ETA experience. I like so many others that worked at ETA arrived fresh out of College. I think it was a great place to start a career in this business. It sounds silly, but I think ETA closing made the recent IBM layoffs much easier to deal with.

c. A funny story/experience while you were at ETA, or about ETA since you left ETA. Who could forget the time Jerry Monson thought that he could beat Carol Stieber (Widra) in a race! I decided that it would be fun to take bets on the race. But, I couldn't find anyone to bet on Jerry! A few people felt sorry for him and bet on him. But we all know what happened, Jerry got creamed! He didn't even finish! I remember, the race was scheduled after work one afternoon and a whole bunch of people were standing around the parking lot to watch the race. For a while we didn't think Jerry was going to show up. He finally showed up a half an hour late with some lame excuse. He should have stayed where he was, Carol smoked him!

d. Travels? Adventures? Other? Lots of Travels and Adventures. I've lived in Kingston for 5 years. The only way to save ones sanity around here is to get out of here periodically.

Paul A. Bong, Kathryn L. Bong

My name while at ETA:

Kathryn L. Teig

Current Address:

Paul and Kathy Bong
107 Somersby Court
Cary, NC 27513 Apex, NC 27502

Currently working at:

Paul: Data General Corporation
Kathy: Data General Corporation

e-mail address:

bong@dg-rtp.dg.com (Kathy)

When I was at ETA, I worked as a

Paul: Software Engineer, EOS File System
Kathy: Software Engineer, SUOS

Since ETA, I have worked at :

Both of us accepted positions with IBM in Kingston, NY, after ETA's closing in 1989. We stayed with IBM for four years, working in a variety of areas. In spring 1993, both of us accepted positions as contractors in Research Triangle Park. Paul's project was with IBM RTP, and my position was with Data General. In spring of 1994, Paul accepted a position as a contractor at DG and I accepted a regular position with DG.

Things that have changed in my life since ETA include:
In December 1992, our daughter Megan was born. She has been cherished every moment since then. :-)

One of the things I remember most from when I was at ETA is
Kathy: There are too many to single any as favorites. The memories have blended so that any mention of ETA produces a good feeling, and I like it that way.

OTHER:
Kathy: My work experiences at Data General are very similiar to those I had while at ETA. It's a small company (relatively speaking) where the company successes depend on the hard work of a limited number of people. The teamwork that arises from this situation is very exciting, very fulfilling, and often reminds me of ETA.

Mike and Diane Boucher

My name while at ETA:
Mike Boucher and Diane Ramsey

Current Address:
2241 Cedar Drive
Rapid City, SD 57702

Currently working at:
Dakota Scientific Software, Inc.

e-mail address:
scisoft@well.sf.ca.us

When I was at ETA, I worked as a
Mike: Sofware Engineer
Diane: Technical Writer / Editor, and a damned good one at that!

Since ETA, I have worked at :
Dakota Scientific Software, Inc., developers and sellers of parallel processing mathematical software for Sun Workstations

Things that have changed in my life since ETA include:
Married, had one dog (shelty, 6 years old, Abigail Whitefang), had one child (human, 2 1/2 years old, Kimberley Anne Boucher)

One of the things I remember most from when I was at ETA is
Drag racing between ETA and U of Mn with THeap; playing cards with the regular gang; racketball with the other regular gang

OTHER:
a. How does your current job compare to working at ETA Very similar in many ways. Of course, Suns are quite a bit pokier than the '10, but we are doing the same thing, which is

moving heaven and earth to try to squeeze every last cycle from them. Delighted to report that we have been quite successful. Working with many of the same customers (NASA, GL, etc.) on the same things (NASTRAN, etc.) with the same results (customer wants it to be faster still). Also different in many ways. Running our own company really cuts down on the amount of time that we have for the activities that we had grown to know and love; sitting around and complaining about the management has obviously been cut to a minimum, for example!

Bob Bowen

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916 Ivy Ave. E.
St. Paul, MN 55106
(612) 774-0638

Currently working at:
Cray Research

e-mail address:
bowen@cray.com

When I was at ETA, I worked as a
Programmer in System V group (Fortran run-time support)

Since ETA, I have worked at :
Diva Medical Systems Mpls. and Maastricht, The Netherlands 1989-1991
Cray Research Eagan 1991-

Things that have changed in my life since ETA include:
We now have our own valentine - Rose Irene, born 2/14/92 and are in the process of adopting a baby boy from Paraguay (plan to be going there this August to get him)

Maynard A. Brandt

Current Address:
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Eagan, MN 55122-1617

Currently working at:
Cray Research, Inc.

e-mail address:
mb@ferrari.cray.com

When I was at ETA, I worked as a
Benchmarking (Technical Support) programmer/analyst

Since ETA, I have worked at :
Multiflow, Inc.
Cray Research, Inc.

One of the things I remember most from when I was at ETA is
Was on the first team to win an ETA bowling league championship

OTHER:
Joined Multiflow in June, 1989. Drove to CT from MN. On my first day in CT (New Haven, where Yale U. is), I was a carjacking victim (never heard of carjacking before then). The car was found by the New Haven police about six weeks later (two days after I had replaced it with another car). I had recovered from the knife wounds by then. Had the police not given the carjacker a 2 hour headstart while they interviewed me in the hospital emergency room, they may have recovered my car alot sooner and maybe even have caught the carjacker. Only after talking to me for those 2 hours did they tell me that I had to call the police dispatcher to report my car stolen (they hadn't even done that yet; for them to report the crime was against procedure).
About ten months after joining Multiflow, it closed its doors. That meant that I was on the last team to win a Multiflow bowling league championship (a sort of symmetry to my ETA memory). Soon after that I returned to MN to join CRI at the end of May, 1990.

Holly Breymaier

Current Address:
3223 38th Ave. South, Minneapolis, MN 55406

Currently working at:
NetStar, Inc., Eden Prairie, Minnesota

e-mail address:
holly@netstar.com

When I was at ETA, I worked as a
Technical writer, software spectator, Friday lunch scheduler

Since ETA, I have worked at :
brief contract with Honeywell, Supercomputer Systems (ouch!), NetStar

Things that have changed in my life since ETA include:
Lived in Eau Claire, Wisconsin, for four years while at SSI, moved back after that shutdown. Happy to report that I bought a nice old house this past Halloween !!

One of the things I remember most from when I was at ETA is
Technical writers aren't thought of as contributing to a project or product in the same way that engineers do even though e manuals are always needed ! One series of personally very fulfilling experiences for me at ETA were working with the software types to get the EOS release manuals as full of user information as we possibly could. ALWAYS at the last minute there would be frantic (for me) "fine tuning" of the manual to reflect the software that actually made it into the release and to describe the various "bugs" and other "features" !

OTHER:
a. How does your current job compare to working at ETA The SSI job was remarkably similar to

ETA, and mostly made up for having to move away from friends and family to the circa 1957-social context of a small Wisconsin town. At NetStar the job has less pressure but since I am the only writer, there is lots of work. b. What was the most important aspect of your ETA experience. Excellent professional development. I include: the off-site (Gabe's) Tech Comm meetings called by Mary Boyd - and the other ones called by Diane Ramsey; the fact that I worked with the best editorial team (Jim Stanley and Karen Johnson) a writer could hope to learn from (darn dangle); the chance to learn leading edge computer-based writing and illustrating skills; and being a member of a lively and interesting writing group that had very high standards. c. A funny story/experience while you were at ETA, or about ETA since you left ETA. I keep running into the same ETA customers which means I give manuals to some of the same people but now I'm on the third product ! Some of those gov't agencies and big companies that had ETA boxes were also interested in the SSI machine and now a number of the same customers, like European Weather, buy NetStar boxes ! In some ways the high-performance computing industry is a very small world... d. Travels? Adventures? Other? One "adventure" was speech-writing with Steve Chen.

David A. Bright

My name while at ETA:
David A. Bright

Current Address:
910 West Burke Avenue
Roseville, MN 55113-6415

Currently working at:
Secure Computing Corporation

e-mail address:
Bright@SCTC.COM

When I was at ETA, I worked as a
EOS tape team

Since ETA, I have worked at :
Unisys, Secure Computing

Things that have changed in my life since ETA include:
Adopted a baby girl in 1991 (she is now 3) Adopted a baby boy in 1994 (he is now 1)

One of the things I remember most from when I was at ETA is
The EOS tape team was a great group of people to work with. Not only did we have a good working relationship, but we had a lot of fun outside of work, too. I still miss Toby Steers; his passing was a great loss.

Patrick Botz

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Currently working at:
IBM

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botz@rchvnet.rchland.ibm.com

When I was at ETA, I worked as a
ECAD Engineer/Workstation Tools

Since ETA, I have worked at :
IBM

Things that have changed in my life since ETA include:
My wife, Cathy, and I are expecting twins in August (our first (last?) children)

OTHER:
The thought of getting laid-off does not seem nearly as scary now as it did then or as it does to some of my co-workers. Experience will do that to a person.

Vasant D. Butala

Current Address:
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Apple Valley, MN 55124.

Currently working at:
Cray Research Inc.

e-mail address:
butala@cray.com

When I was at ETA, I worked as a
Software Support (Was on contract from CDC).

Since ETA, I have worked at :
Cray research only.

Things that have changed in my life since ETA include:
Divorced and moved back to Minnesota.

OTHER:

How does your current job compare to working at ETA: Time between system failure is increased from 2 hours to long long time. Because I support software sites analysts, I get to talk to all ex-eta (and ex-cdc) folks.
What was the most important aspect of your ETA experience: Temperory move to Germany for 1 year.

Craig M. Carlson

Current Address:

751 Greendale Lane
Vadnais Heights, MN 55127

Currently working at:

3M

e-mail address:

cmcarlson@mmm.com

When I was at ETA, I worked as a

Hardware design engineer on vector processor, then program manager for Piper products

Since ETA, I have worked at :

After a 6-week stint at Rosemount in Eden Prairie, I came to 3M and have been here since.

Things that have changed in my life since ETA include:

3rd and final kid arrived just before Christmas 1991. Steve Ehlers told me when #2 was about to show up that "if one kid takes up all your free time, two can't take up any more". He was WRONG! #3 definitely put me over the top.

One of the things I remember most from when I was at ETA is

Volleyball in the parking lot out back. Got kinda trashy at times, but it was still fun.

OTHER:

How does your current job compare to working at ETA: It has taught me the value of developing a product to satisfy a business need, not just achieve an engineering triumph. This is not to say that we didn't accomplish something significant at ETA, but just that here at 3M, we're constantly reminded that, as a public company, we have shareholders to keep happy and that we're actually working for them. What was the most important aspect of your ETA experience. It was without a doubt the most fun working experience I have ever had. Nothing has (and I don't thnk anything will) compare to the enjoyment I got seeing the ETA-10 come together. I've never seen a team of people so focused and so committed to what they were doing. I'm no longer interested in getting up and coming in to work at 3AM because I finally figured out a solution to my problem and can't sleep till I fix it.
A funny story/experience while you were at ETA, or about ETA: It's got to be the image of Lincoln

crashed out on a cot next to the Cygnet test bed. ("When can I run the German weather code??")
Travels? Adventures? Other? Chasing 9-, 7-, and 2-year-old kids is adventure enough.

Deborah Taylor-Carufel

See Deborah Taylor

Nancy Catterton

See Nancy Guerra

David Cheney

Current Address:
12810 Silver Creek Drive
Austin, Texas 78727

Currently working at:
IBM

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When I was at ETA, I worked as a
UNIX Education

Since ETA, I have worked at :
Just IBM here in Austin

One of the things I remember most from when I was at ETA is
Challenging all the mainframe types to consider open systems :-)

OTHER:
I am currently working on Internet services based on the World Wide Web. My current position brings me into contact with lots of people; fascinating!

Dave Clark

My name while at ETA:
Dave Clark

Current Address:
2438 NW Thurman
Portland, OR 97210

Currently working at:
Logic Modeling Group, Synopsys, Inc.

e-mail address:
davec@lmc.com

When I was at ETA, I worked as a
SU_OS Software Engineer

Since ETA, I have worked at :
BiiN - I Started in 6/89, BiiN closed in 10/89
Mentor Graphics
Logic Modeling

Things that have changed in my life since ETA include:
Any changes in your life since ETA (births,deaths,marriages,divorces) Moved to Portland, Oregon Active outdoors: Mountain Climbing, Skiing (in real mountains), hiking, camping, etc. Met Jennifer Milleson (My better half!) Purchased a Row Home in NW Portland (the fun part of town)

One of the things I remember most from when I was at ETA is
Learning from all of the great people there. Coaching from Fred Wertz on how say "no" without offending people. Bocci Ball

OTHER:
a. How does your current job compare to working at ETA I have made a few career shifts. At ETA I was a software engineer. Now I'm a Senior Network Engineer. My specialty is looking at UNIX development environments, and optimizing the development process, network infrastructure (wiring, network segmentation, server hardware, etc.). At my current job, we optimized a release process that took 18 weeks of serial processing. By improving the network, and parallizing the process, the equivelant process now takes 24-36 hours! I have also been on project teams to build a several large scale networks, including the Mentor Graphics World Headquarters, a campus environment with 5 buildings and 2800 network drops. I consider myself very fortunate that I have been a team member on some very exciting projects. d. Travels? Adventures? Other? I have climbed 15 Mountains in the Pacific Northwest. I'm a volunteer instructor in the Mazama Basic Climbing School. I travelled to Bali, Indonesia & Australia in late 1991. Bali is a small island. It is famous for its friendly, artistic people, and it scenic beauty. Avoid the resorts, and go to some of the smaller cities: the prices are suprisingly low, and the people are great.

Barb Clauson

Current Address:
2842 W. Princeton Ave.
Eau Claire, WI 54703

Currently working at:
Self-employed owner of NetSolutions, a computer and network consulting shop.

e-mail address:
72722.3231@compuserve.com

When I was at ETA, I worked as a
Test system design engineer

Since ETA, I have worked at :
Supercomputer Systems, Inc. (another doomed supercomputer outfit)

Things that have changed in my life since ETA include:
Our standard of living has gone down but we've grown to like small town life.

One of the things I remember most from when I was at ETA is
Winning the "Cygnet" award. The traveling trophy was a cute little stuffed bird.

OTHER:
I had so much independence and autonomy in my ETA job. My SSI experience was similar in that respect. But that's a very rare thing in any workplace. Because of the habits and attitudes I aquired at ETA and SSI, my transition to self-employment has been pretty smooth. What I miss the most about having a steady job is the ongoing connections with people.

Michael T. Daly

My name while at ETA:
(Mike Daly usually)

Current Address:
2009 177th Ave NE
Redmond, WA 98052
(206) 644-7045

Currently working at:
Microsoft
One Microsoft Way
Redmond, WA 98052
(206) 936-2202

e-mail address:
mikeda@microsoft.com

When I was at ETA, I worked as a
Diagnostic Engineer

Since ETA, I have worked at :
Supercomputer Systems Inc – Eau Claire

Things that have changed in my life since ETA include:
One additional child (to make it 3) – Patrick Michael Daly, born December of 1989.

Catherine Fitch

Current Address:
9905 West Aladar Court
Boise, ID 83704

Currently working at:
Hewlett-Packard Company

e-mail address:
cfitch@boi.hp.com

When I was at ETA, I worked as a
Team Leader/Manager Products Testing and Vectorizers

Since ETA, I have worked at :
IBM - AIX/390
Highly Parallel Supercomputing Systems Laboratory

Things that have changed in my life since ETA include:
Bought a Jeep for the mountain roads Found out that living in zone 6 makes gardening a lot more rewarding

One of the things I remember most from when I was at ETA is
No one memory can be singled out. I enjoyed the people I worked with and the feeling that what we were doing was important, not only to us, but the advancement of research and technology.

OTHER:
a. How does your current job compare to working at ETA: This place MAKES money. HP is an informal open place. The values of trusting your employees and giving them the freedom to get their work done is important to me.
b. What was the most important aspect of your ETA experience: Giving me experience in the business aspects of the computer industry. It also convinced me that work could be more than druggery even under trying circumstances.

Gene Frederiksen

My name while at ETA:
Freddy the Tiger

Current Address:
16302 Willowpark Drive
Tomball, Texas 77375
713-320-2792

Currently working at:
Compaq Computer Corporation

e-mail address:
gene@twisto.compaq.com

When I was at ETA, I worked as a
Apollo System Administrator
Mentor CAE Administrator

Since ETA, I have worked at :
Pencil and Apple Vendors of America 4-89 to 9-89
Minneapolis School of Neon 6-89 to 9-89
3M 9-89 to 4-90
Compaq Computer Corp 4-90 to Present

Things that have changed in my life since ETA include:
Married 6-18-93 (Wife-Susan,Stepchildren-Kiera and Chase) Daughter Joan graduated from Saint Benedicts in 1990 Daughter Mary in first year at Boston University

One of the things I remember most from when I was at ETA is
Playing volleyball at noon hours. One year our last day of volleyball for the year was when the windchill was -15 degrees. Also enjoyed the golf league and horse racing trips.

OTHER:
Sports: 1) Still play volleyball year around 2) Have started running in corporate track meets (best time is 5:29 mile) 3) Have taken up bicycle riding (best time is 170 miles in 9 hours)
Travels: 1) Traveled Carribean 3 times, Accopoco, Panama Canal, Hawaii (I enjoyed Hawaii the most) 2) Bungie Jumped 2 times (Scary)
Hobbies: 1) Stained glass windows and lampshades (18 years now) 2) Started Glass Fusion 3) Neon Art
How does your current job compare to working at ETA: I started in CAE User Support at Compaq which was very much like at ETA.
I now do design work building boards to test computers and interfaces such as EISA,ISA,PCI,PCMCIA, etc. which allows me a variety which I enjoy. I currently do design, schematic capture, write models for simulation in VHDL, do PAL equations, simulate the design, use Synopsys to convert VHDL to ASIC vendor input, etc. so I feel I am growing in experience and extending my usefullness in the electronic industry.
What was the most important aspect of your ETA experience: I enjoyed helping to make a engineering design environment which was efficient and which worked. There was always pressure to make it happen but that is what allows you to accomplish the most.

Gail J. Gazda

Current Address:
5687 W. Bavarian Pass NE
Fridley MN 55432

Currently working at:
Computer Aid, Inc.

e-mail address:
gazda@sctc.com (Internet)
snrh34a (Prodigy)
GjG824724 (America Online)

When I was at ETA, I worked as a
Unix Customer Support
EOS Software Development (MHN Project)

Since ETA, I have worked at :
Computer Aid, Inc.
Control Data Systems

One of the things I remember most from when I was at ETA is
Project field trips.

OTHER:
How does your current job compare to working at ETA: In some ways it's like ETA: small company, really busy, interesting people.
Travels: Estonia, Russia, Ukraine, Australia, Guernsey, France, Taiwan
Adventures: Climbed Ayers Rock in Australia
Other: Finished MIM degree at University of St. Thomas.

Carol Gillies

Current Address:
2400 W. 102 St. #132
Bloomington, Mn. 55431

Currently working at:
LSI_LOGIC
Minnesota Design Center
Bloomington, Mn.

e-mail address:
carolg@lsil.com

When I was at ETA, I worked as a
Mask layout designer

Since ETA, I have worked at :
9/89 - 12/93 Motorola, Inc./Austin, Texas
12/93 - LSI_LOGIC

Things that have changed in my life since ETA include:
Living in Texas IS a Lifestyle change!

One of the things I remember most from when I was at ETA is
I'll never forget my close-knit family of ETA co-workers, unceasingly nurtured by our boss, Tony Vacca.

OTHER:
Although the entrepreneurial atmosphere has not been matched in either company since ETA, the task of designing masks is much the same.
The most important aspect of my ETA experience was the eagerness to learn and the support of management while you're learning was a very positive experience for me at ETA. New tools, new technology,new standards were challenges met with a bulldog determination from the whole team. Each member of that team was made to feel valuable to the whole team.
Until just a few months ago, I never realized what negative impact the closing of ETA had on employees in other technical companies around the Twin Cities area. A well-used phrase in other companies to this day is "Uh oh. Quick, Look and see if there are any yellow buses outside the door".
Many trips by plane and car have been made up and down IH35! Now that I'm back HOME, I hope to vacation in some other direction.

John Gilson

My name while at ETA:
Same

Current Address:
6250 Ginger Drive
Eden Prairie MN 55346

Currently working at:
Fisher-Rosemount Systems, Inc.

e-mail address:
johng@rosemount.com

When I was at ETA, I worked as a
Technical writer, FORTRAN (contract)

Since ETA, I have worked at :
Rosemount Engineering -¿ Fisher-Rosemount Systems, Inc.

Things that have changed in my life since ETA include:
Achieved 60 years of age (Junior Senior Citizen) and 40 years of marriage.

One of the things I remember most from when I was at ETA is
The group spirit was unique.

OTHER:
a. How does your current job compare to working at ETA: Reasonably well. We have a much less exciting product but the team spirit is similar.
b. What was the most important aspect of your ETA experience: I learned the essentials of a new trade, that of technical writer.
c. Travels? Adventures? Other? We continue to host exchange students, have just signed on for our 18th.

Ed Greshko

Current Address:
8F-9, 225 Pateh Road, Section 3
Taipei, TAIWAN

Currently working at:
Control Data Systems

e-mail address:
egreshko@twntpe.cdc.com

When I was at ETA, I worked as a
Support Engineer

Since ETA, I have worked at :
Control Data Systems

Things that have changed in my life since ETA include:
Divorcing, soon to be re-married

One of the things I remember most from when I was at ETA is
Since I didn't spend too much time in the Twin Cities my favorite memory is from the time I spent at DWD in Germany. I will always remember the Christmas party where I had my thumb dislocated while dancing with one of the operators.

OTHER:
Actually, without ETA I'm sure I would not be where I am today. Because of ETA I spent over 6 months in Germany and then 4 years in Japan. While I was in both places I traveled to many other countries and feel lucky to have been able to experience different cultures. I view the world in a different light than I would have otherwise. There is a downside to being out of the country. On the rare occasion that I return to the US I find that I feel like a foreigner. I'm not up to date on the current trends, fashion, sports, events, TV shows.
I actually enjoy my current job more than what I was doing at ETA. I don't work on hardware as much these days. I'm working on systems integration projects that involve email, EDI, databases, and communications.
c. A funny story/experience while you were at ETA, or about ETA since you left ETA: Funny thing....have you noticed that since the demise of ETA you don't hear much (if anything) about the Spanish terrorist group "ETA" either?
d. Travels? Too many travels to mention.....

Nancy Guerra

My name while at ETA:
Nancy Catterton

Current Address:
4810 Rustown Drive
Austin, TX 78727

Currently working at:
IBM, RS/6000 Division in Austin

e-mail address:
nancy_guerra@vnet.ibm.com

When I was at ETA, I worked as a
Account Manager, Applications, Benchmarks

Since ETA, I have worked at :
Only IBM, but I have transferred within the company
IBM, Technical Computing in White Plains, NY

Things that have changed in my life since ETA include:
Married on 10/2/93 to Ed Guerra, a Piano Technician at the University of Texas at Austin.

One of the things I remember most from when I was at ETA is
Something about your time at ETA that you keep as a fond memory. I still remember the time we all gathered outside to have our picture taken when we shipped the first system - but I don't even remember how the final picture came out!

OTHER:
What was the most important aspect of your ETA experience. After five years, what still impresses me the most was the tremendous sense of loyalty, enthusiasm and dedication that was so much a part of life at ETA. Never have I worked so hard or experienced such pride in my work as during the five years I spent at ETA Systems. Maybe we didn't succeed as determined by the bottom line, but our accomplishments were measured in many other ways. This was the most incredible group of people I have ever had the pleasure of working with!

Curt Hale

Current Address:
10900 Green Lake Trail
Chisago City, MN 55013

Currently working at:
Medtronic, Inc

e-mail address:
curt.hale@medtronic.com

When I was at ETA, I worked as a
Software Engineer working on Service Unit OS

Since ETA, I have worked at :
CDC (1 year)
Medtronic, Inc (4 years)

Things that have changed in my life since ETA include:
Birth of son Marcus (-: Death of dog Dude)-: Death of many hair follicles

One of the things I remember most from when I was at ETA is
I'll always consider ETA "the good old days". The comraderie was great. There were several Packer fans with more money than brains. (-: I especially miss the near weekly summer sig_faf (fun and frolic) waterskiing outings.

OTHER:
a. How does your current job compare to working at ETA: Positive if possible, huh? Let see... I only drive 27 miles one way instead of 32. Actually, working for a medical device company can be fascinating. I've learned a lot about the heart, and Medtronic invites patients in at least once a year to tell us how Medtronic products have effected their lives. It makes us feel good about what we're doing and makes the red tape and process bogged environment of an FDA regulated company easier to take.
It's now 8:30p.m. and I'm at work so some things haven't changed, but my 2 year old son just sang his version of "Take Me Out To The Ballgame" to me over the phone. That was kind of cool (-:
b. What was the most important aspect of your ETA experience: I got paid to do a job that I enjoyed more times than not.
c. A funny story/experience while you were at ETA, or about ETA since you left ETA: I heard Peter Johnston was in the building at both ETA and SSI when the the power was shut down and the axe fell. Is that true?
d. Travels? Adventures? Other? Not many adventures lately. Frankly, I'm a pretty boring guy.

Tim Heap

Current Address:
1309 Cedar Oaks Dr.
Cedar Park, TX 78613
(512) 259-8952

Currently working at:
Pencom Software
9050 Capital of Texas Hwy. N.
Austin, TX 78759
(512) 343-6666

e-mail address:
theap@pencom.com

When I was at ETA, I worked as a
Started working on an employee database application using dBase (on the Stearns!!!). Then started working with Wayne Margotto and Paul Janke keeping the Cyber systems running. Later, I moved to the tools team and then finally the DPFS (Disk Physical File System) team.

I actually left ETA for about 8 months returning to the same team. I ended my career with ETA in the UNIX group.

Since ETA, I have worked at :
I left ETA to work for Pencom as a contractor in Los Angeles. The contract was with IBM. I worked briefly for IBM as an employee, but decided to return to Minnesota instead of Kingston, NY. I worked for two companies in MN in two years before coming to Austin.

Things that have changed in my life since ETA include:
A couple significant lifestyle changes have occurred while here. The first is buying a house. I feel this is a place where I'd like to stay for a while and with rent about the same as a mortgage, it made a whole lot of sense.
I've also joined the volunteer fire department in my city (Cedar Park). This has been an amazing experience and still continues to be. Even though the job with Pencom is going very well, I have an opportunity to qualify for a job with the Austin Fire Department. If that goes through and I take the job, I can be a full- time fire fighter and do some computer programming or other consulting work on the side.

One of the things I remember most from when I was at ETA is
Working for a company where I actually enjoyed going into the office in the morning (or afternoon if I had pulled an all-nighter the day before).
Playing pool in Neil's living room.

"ETAOIN SHRDLU"

OTHER:
A FEW CLOSING THOUGHTS
The ETA experience was truly unique. While frustrating at times, everyone always seemed to share a common goal, a common purpose. This is something I have searched for since ETA. I've come to believe that this quality is something shared by an extreme minority of companies and organizations.
I haven't given up on ever finding this commitment and dedication again, but it has required me to set a more realistic expectation.
If any of you are ever passing through the Austin, please feel free to give me a call.

John Hesterberg

Current Address:
1507 Osceola Ave
St. Paul, MN 55105-2322
612-699-3718, home
612-683-5879, work

Currently working at:
Cray Research, Inc.

e-mail address:
jph@cray.com

When I was at ETA, I worked as a
Software Engineer

Since ETA, I have worked at :
ETA Continuation at CDC, 5/89 - 7/89
Pyramid Technology, Inc., 8/89 - 4/92
Cray Research, Inc., 5/92 - present

Things that have changed in my life since ETA include:
Kids: Michelle, 6/21/89 (4 3/4) Zachary, 2/5/92 (2) #3, due around 6/1/94
Moved to SF Bay area in 89, moved back in 92. We prefer Minnesota, thank you.
Got our first Mac in '90. Now we have 2, one for us and one for the kids.
And Gena covets a powerbook!

One of the things I remember most from when I was at ETA is
Trips to Toronto. Working in the atrium during thunderstorms. Writing my first UNIX kernel code.

OTHER:
I'd probably still be at ETA today...
I occasionally lament that some of the OS technology that is available today (Locus, Chorus, etc.) would map onto the ETA10 hardware quite well. If only...
Remember Ray Dueland sleeping under his desk using foam packaging as a pillow?

Pat Hiti

My name while at ETA:
Pat Hiti

Current Address:
6939 5th Ave. S
Richfield, MN 55423

Currently working at:
Medtronic, Inc.
Fridley, MN

e-mail address:
p.hiti@medtronic.com

When I was at ETA, I worked as a
Software Engineer working on Fortran compiler. I worked there for about a year.

Since ETA, I have worked at :
I went back to Eta to do "clean-up" work on the compiler for about 2 months, then went to Medtronic, where I am now. Just hit my 5 year anniversary. Got a pen. Oooh.

Things that have changed in my life since ETA include:
I lost my dad 3 years ago.

One of the things I remember most from when I was at ETA is
My favorite memory is driving around the parking lot when returning from lunch on the first sunny day in April with Coachy (Carol Steiber, now Widra) and Annie B. (Bolgert). We had the windows down and the tape player cranked to the "Tape from Hell", singing "Billy, Don't Be a Hero" at the tops of our lungs! What a song!
The best memories I have are definitely the people. Working at Eta was just like having an extended family, and I will always keep a place in my heart for the friends I made there in my short time working there.
The bocce ball was great, too! I've been back to the Half-Time only a couple times since the "close", but it's just not the same!

OTHER:
I've definitely gotten the travel bug since leaving ETA. Partly, I travel more for my job, but I've also taken a lot of fun trips, too. My most memorable vacation spots have been to Hong Kong, Singapore, and Germany. Singapore really is as strict as the papers say!
I've added softball and golf to my hobbies, and still play volleyball year round. I haven't quite got the new sports down yet, but I'm having fun trying!

Roy Hoelzel

Current Address:
10707 Madison St., Blaine, MN 55434

Currently working at:
Tricord Systems

When I was at ETA, I worked as a
P.C. board design, technology interface with manufacturing.

Since ETA, I have worked at :
Star Liquors, Inc.
Cardiac Pacemakers, Inc.
Tricord Systems, Inc.

Things that have changed in my life since ETA include:
Attending school 3/4 time, pursuing an A.A.S. degree in biomedical equipment technology, to be completed by 12-31-94.

One of the things I remember most from when I was at ETA is
The close relationships, the hard work, the fun of achieving high goals as a team, and the personal awards and recognition.

OTHER:
a. How does your current job compare to working at ETA: No comparison ! b. What was the most important aspect of your ETA experience: The team effort ! c. A funny story/experience while you were at ETA, or about ETA since you left ETA: Soaking Dan Sullivan's suit with orange soda from his lunch try as we both tried to pass through the doorway on the 3rd floor... d. Travels? Adventures? Other? April '93 - 25th Wedding Anniversary trip to Puerta Vallarta, Mexico.

Billy Jean Horne

Current Address:
160 Lost Lake Court
Mahtomedi, MN 55115

Currently working at:
Varitronics, Inc.

e-mail address:
bjh@anathema.mn.org

When I was at ETA, I worked as a
Software Engineer

Since ETA, I have worked at :
ULTIMAP,INC
CRAY RESEARCH
VARITRONICS

One of the things I remember most from when I was at ETA is
Far too many to list but for starters: The people I was fortunate enough to get to know and work with. Wednesday morning coffee klutch & Yossef's "Yappy donuts". Sharing an office with Ron Esberg. Working closely with Diep, Kuahn, Anne, Sue, & Dorothy. Having great supervisors/managers/friends such as Catherine & Judy. The patience, help and friendship of Paul. You get the idea - it was the PEOPLE that made ETA special.

OTHER:

A. How does your current job compare to working at ETA: Similar in that the developers are sharp young men & the work is similar. I still can't accept P.C.'s as being computers!!! though.
B. What was the most important aspect of your ETA experience: Other than thoughts expressed in memory above, it was probably getting a good foundation for the Quality Assurance branch of the industry.

Bill Jacobus Michele Jacobus

My name while at ETA:

Michele formerly Michele Beaudet

Current Address:

2785 Lexington Ave. #G Roseville, MN 55113

Currently working at:

Bill: Micral Inc. St. Paul, Minnesota 55101
Michelle: currently staying home with daughter Catherine

e-mail address:

bjacobus@micral.com

When I was at ETA, I worked as a

Bill: Project leader, air-cooled systems (Piper Guy)
Michele: Secretary, Remote Site Support (RSS)

Since ETA, I have worked at :

Bill: ETA Transition team, then Micral, Inc.
Michelle: Silicon Graphics, Inc.

Things that have changed in my life since ETA include:

Our marriage and our daughter, almost two !

One of the things I remember most from when I was at ETA is

Bill: Trans-Atlantic Piper Product Announcement (party), replacing Dave Frankel's office name plate with "David Jockeyshorts." Michelle: Meeting those wild and crazy Piper guys Bill and Steve Zwinger ...ha, ha. c. A funny story/experience while you were at ETA, or about ETA since you left ETA.
I (Bill) used to have lunch with Steve Zwinger most days...Michele Beaudet would eat lunch with Sue Moeller often since they both worked for RSS¿ One day Steve and I went to lunch with Michele and Sue even though (at least I thought) they would rather eat lunch without us. As years passed, Sue and Steve would marry as did Michele and I. Since then, the Zwingers and we each have had a daughter (Erin Zwinger, Catherine Jacobus) who may some day be in the same grade even at the same school ...who knows ? Regardless, ETA brought some folks together, who had little girls, who someday will be playmates and friends.

Jim Keifenheim

Current Address:
5544 Colfax Ave. SO.
Mpls, MN 55419

Currently working at:
Moore Data Management Services, 1991 - present

e-mail address:
Compuserve - 71043,677

When I was at ETA, I worked as a
Apollo system administrator, Programmer - engineering,
Xerox Business Management System (XBMS)

Since ETA, I have worked at :
CPT Corporation, 1989 - 1991
Sanofi Diagnostics Pasteur, 1991
St. Paul Pioneer Press, 1991

Things that have changed in my life since ETA include:
None

One of the things I remember most from when I was at ETA is
The enthusiasm of my first year at ETA, 1983 with the first 160 employees.

OTHER:
My current job is every bit as much fun as those first few years at ETA, and my pay finally is back up to what I was making at ETA.
The technical learning experience, I learned a lot while at ETA. Also the people I worked with, I still see some of them from time to time.
Do you remember when the drunk ran into the transformer and took down all the computers, and everyone had to be sent home? Or the time the parking lot flooded and we had a hard time getting out to the street to get home?
I was lucky, I found a job at CPT before my ETA layoff money ran out at only a 6% pay cut, but much poorer benefits. I have had a job almost all the time since.

Coleen Kellen

My name while at ETA:
Same as above.

Current Address:
Route 4 Box 154
New Prague, Mn. 56071

e-mail address:
cmk1@rsvl.unisys.com

Since ETA, I have worked at :
Unisys Corporation

Things that have changed in my life since ETA include:
My husband, Joe, and I are going on 9 years of marriage and have added two children to our family. Our first child, Molly, was born in May of 1991 and our second child, Joseph, was born in January 1994.

One of the things I remember most from when I was at ETA is
I don't know what my favorite memory would be. Just having had the opportunity to work with such a great group of people.

OTHER:
I'm currently working at Unisys in Roseville, Minnesota. I work in the Exec Systems software development group, specifically in peripherals. I enjoy my work and see several other ex-ETA people every day, so I can get some information on what other former employees are up to.
We really haven't done much in the way of travel or adventure, due to the fact that we have two small children. Although, having two small children is an adventure all by its self. But we do like to spend a lot of time camping in the summer.
That's about it for me. I'm looking forward to hearing what everyone else has been up to over the past 5 years.

Bernard King-Smith

Current Address:
29 Parkside Drive
Lake Katrine, NY 12449-5008

Currently working at:
IBM POWERParallel Systems

e-mail address:
Internet work bksmith@minnie.nic.kingston.ibm.com
Internet home hrvm71a@prodigy.com
PRODIGY HRVM71A

When I was at ETA, I worked as a
Team Leader EOS Performance Evaluation

Since ETA, I have worked at :
IBM AIX/ESA Development
IBM POWERParallel System Design

Things that have changed in my life since ETA include:
Our second son was born March 4th, 1992. However, he arrived so fast that he was almost born while on the top of one of the bridges ,crossing the Hudson River here in New York. He was born 9 minutes after my wife arrived at the hospital.

One of the things I remember most from when I was at ETA is
Really there is no one memory that stands out. Really, there was a terrific group of people who all were striving to reach a common goal. I have never seen this type of dedication before ETA, or since. It is the people and how everyone worked together that I will always remember.

OTHER:
a. How does your current job compare to working at ETA: My current job is getting closer to what we had at ETA. It is a refreshing change to be again a part of a small group working hard to stay on the leading edge of technology. I am still working on performance issues, and analysis, this time from the system design area.
b. What was the most important aspect of your ETA experience: It showed me that with a group of people focused on a common goal, that you can exceed expectations. Also, the if you keep the decision making to the people doing the work, you get things done faster.
c. A Funny story/experience while you were at ETA, or about ETA since you left ETA: I remember shortly after run-a-job, we were running on Cygnet and didn't have EOS backed up on disk. If you wrote in shared memory over the kernel, it took a lot of work to restart the system. One night, I was working on one CPU while Neil was on the other. Neil explained how to replace a version of the kernel, and I almost over-wrote his version instead of my own He didn't have a backup copy of his anywhere, and it was the best one we had. I was a couple of keystrokes away from blowing away 2 weeks work.
Another time I was sharing Piper 5 (2 CPU's) with Peter Johnston when he said in a calm voice "The computer is on fire. I can see it from the SU display". We had burned a 1" diameter hole through the 42 layer CPU board when some of the wire wrap corrections to the machine shorted out. This was not very good for the two Australians at ETA. I had burned up the memory on the only development CYBER 205 at Control Data two years earlier. The Australians had a reputation of being pretty HOT users of the machines. The only other record of a fire in a CYBER 205 or ETA 10 was when the CYBER 205 in the basement of ETA melted down, forcing us to build on our own ETA 10's instead of the old CYBER 205.

Jim Kreilich

My name while at ETA:
Jim Kreilich

Current Address:
2603 West Princeton Ave
Eau Claire, WI 54703

Currently working at:
Cray Research, Inc.
900 Lowater Road
Chippewa Falls, WI 54729

e-mail address:
jlk@cray.com

When I was at ETA, I worked as a
Sr. ECAD Technologist
Manager, Circuits

Since ETA, I have worked at :
Only Cray Research, Inc.

Things that have changed in my life since ETA include:
Older & Wiser

One of the things I remember most from when I was at ETA is
Too numerous to list..

OTHER:
How does your current job compare to working at ETA: Different and better! What was the most important aspect of your ETA experience. Knowledge gained/Team experience

David Richard Marquardt

Current Address:
2509 Partridge Court
Round Rock, TX 78681

Currently working at:
IBM Corporation

e-mail address:
marquard@austin.ibm.com

When I was at ETA, I worked as a
Software engineer

Since ETA, I have worked at :
IBM Corporation

OTHER:
d. Travels? Adventures? Other? I finally made it to my wife's home state, Alaska!

Michael Migliano

Current Address:
10308 W. Bluemound Rd.
Wauwatosa, WI 53226

Currently working at:
Bell Atlantic - Business Systems Services

e-mail address:
bellmf!mike@uwm.edu

When I was at ETA, I worked as a
Diagnostic Software Development, mostly applications for BEST
(Built-In Evaluation and Selftest).
Service Unit Support for Systems Integration and Manufacturing

Since ETA, I have worked at :
June 1989 - October 1991 GE Medical Systems
Wrote data acquistion and database software for CAT scanners
and did testing.

October 1991 - present, Bell Atlantic
Write diagnostic, communication, and user interface software
on multiple platforms.

Things that have changed in my life since ETA include:
I've been to very few happy hours since the ETA days. Of course I haven't met anyone like Jacobus or Zwinger either!

Sue Moeller

See Sue Zwinger

Tom Murphy

Current Address:
12 Del Rio Ct
Lafayette, Ca 94549

Currently working at:
SGI

e-mail address:
murphy@sgi.com

When I was at ETA, I worked as a
presales analyst

Since ETA, I have worked at :
Multiflow (11 months till they closed their doors)
SGI (past 4 years)

Things that have changed in my life since ETA include:
Started communting 65 miles each way to work, rather than working from home.

One of the things I remember most from when I was at ETA is
Trading secrets with Carl Ledbetter (I taught him the cork trick and a rope trick, he taught me how to solve the Rubiks cube in 2 minutes)
Meeting with eta graduates at the supercomputing conferences.

OTHER:
a. How does your current job compare to working at ETA: Similar pride and passion in producing a good product.
b. What was the most important aspect of your ETA experience: Experience of collaborative effort to make a difference.
c. A funny story/experience while you were at ETA, or about ETA since you left ETA: Learning to drink tequila (and straight shots) during a training week in St Paul, and never touching it since. Feeling stranded at the ECODU conference in Germany when ETA closed down.
d. Travels? Adventures? Other? Just getting ready to take sabbitical, a paid six weeks off work. My wife and I are going to be visiting Wales, Scotland and Ireland, while our five kids take care of themselves. My brother and I will shortly be claiming dual citizenship (Irish in addition to US)

Charles E Nove

Current Address:
Secure Computing Corporation
2675 Long Lake Road
Roseville MN 55113-2536
+1 612 628 2764
+1 612 628 2701 fax

e-mail address:
nove@sctc.com

When I was at ETA, I worked as a
Software Engineer, UNIX group

Since ETA, I have worked at :
NCR Network Products Division (a/k/a NCR Comten) - 9 mo.
Secure Computing Corporation - 4+ yrs.

One of the things I remember most from when I was at ETA is

Spending 2 weeks in Santa Clara CA at Sun's Connectathon testing our UNIX NFS (Network File System) implementation against those of dozens and dozens of other vendors. Commando debugging and re-compiling for an ETA-10P via a 56Kb leased line back to St Paul was definitely an experience that honed coding skills and kept you on your toes. At one point, I even had to find a Radio Shack to buy a soldering iron, solder, toggle switch, and wire cutters to repair some of our on-site hardware. Our on-site Sun system died several times early on, and we finally had nearly every circuit board replaced before it worked just as the show got underway.

During the event I helped Tim Heap (formerly of ETA's UNIX group and then working as a contractor to IBM in Los Angeles) track down a particularly elusive bug in his IBM AIX implementation, and he thanked me by treating me to a wonderful sushi dinner.

OTHER:

I took my current job because the work environment remided me of ETA Systems, with bright people working on the cutting edge of technology who are largely self-directed. When I joined the company, it had recently spun itself off from Honeywell, and it shared some of the entrepreneural/startup flavor that ETA Systems had. The company has more than doubled in size in the last year or so and changed its character from a fundamentally research and development operation to a development and production company with a strong research component. Some of the early production woes I saw at ETA are happening here now as we learn how to do things right, but there's no hint of ETA-style impending doom – for starters, we're not owned by CDC but backed by a diverse group of investors, and more importantly, we're turning a profit.

My last three weeks at ETA were spent tracking down a performance bottleneck in the UNIX NFS implementation. Some marketing droid had promised a customer (I now forget who) a 10 megabits/second transfer rate to and from the ETA-10P initiated either from the 10P or a Sun. This performance number was one of the acceptance criteria on the delivery, and one of only two that we were having trouble meeting. Several million dollars hinged on meeting the NFS performance numbers. The customer had a machine, but ETA didn't have the money for it yet.

Data tranfers from the 10P to the Sun worked fine, as did transfers from the Sun to the 10P, but only when the transfer was initiated by the 10P. Sun-initiated transfers to the 10P were initially at about 40parameters and keeping statistics on each change, performance was 80-85criteria was met, and now all the pressure was on me to get the NFS performance up. So I kept digging deeper and deeper, graphing statistics and driving Jeff Miller (author of the I/O Routing code between the CPU and IOPs) and Dan Dickey (who wrote the device drivers on the IOPs) crazy trying to isolate the problem.

On Friday, April 14th, Dan and I finally concluded that the sizes and numbers of data buffers in the IOP's RAM for incoming data was woefully inadequate. We swapped out the 128Mb IOP for one with 256 Mb of memory, and we put in an experimental device driver that Dan was just starting to test which allocated data buffers of the appropriate size on the fly in response to the current demands. We fired up the test one more time and hit something like 115target!

We had introduced so many different variables into our testing over the last couple of days that I wasn't entirely convinced that the IOP changes solved the entire problem, so I decided late on Friday to come back Monday morning and start the whole test from scratch on a clean system so I would know exactly what the real answer was. Furthermore, I decided not to tell management or marketing that the problem was solved, just in case it wasn't. Monday morning was, you guessed it, Black Monday ...

Oh, and I had my bags packed and plane tickets to Los Angeles and San Francisco to meet with ISO protocol stack software vendors to leave on the afternoon of Black Monday. I almost hopped on the plane to Los Angeles just to get away, but I was afraid they might cancel the tickets after I got there and before I got back.

Tom Nurkkala

My name while at ETA:
Nurk

Current Address:
861 Cortland Drive
Apple Valley, MN 55124

Currently working at:
University of Minnesota
and
PowerCerv Corporation

e-mail address:
nurkkala@cs.umn.edu (primary)
tom.nurkkala@powercerv.com

When I was at ETA, I worked as a
Unix team (X Windows, miscellania)
EOS disk drivers

Since ETA, I have worked at :
University of Minnesota

Things that have changed in my life since ETA include:
Birth of son (Paul, 3 years) and daughter (Caroline, 5 weeks)

One of the things I remember most from when I was at ETA is
Beach Party Friday in the Unix atrium.

OTHER:
a. How does your current job compare to working at ETA PhD school is more fun, but the pay stinks.

Ron Olson

Current Address:
4179 Thornhill Lane
Vadnais Heights, MN 55127

Currently working at:
Science, Inc.

When I was at ETA, I worked as a
Manufacturing Engineer

Since ETA, I have worked at :
Supercomputing Systems, Eau Claire, Wisconsin
Science, Inc.

OTHER:
a. How does your current job compare to working at ETA Less stressful, but not as exciting

Martin Pease

Current Address:
3300 152nd Lane N. W.
Andover, MN. 55304

Currently working at:
Control Data Systems, Inc.

e-mail address:
mpease@walnut.eta.cdc.com

When I was at ETA, I worked as a
Software Engineer on Process Management and Logical File System

Since ETA, I have worked at :
Control Data Corp. and Control Data Systems

Things that have changed in my life since ETA include:
Both children (finally) graduated from U of M.

One of the things I remember most from when I was at ETA is
Still use "95

OTHER:
I still maintain what is left of the ETA systems. We currently have two software people and two hardware people to support the remaining nine systems (not including the field support people). However, as a tribute to how good the system was (is), none of us spend full time on it and most of our software effort goes into EP/IX, which is the Control Data port of the MIPS RISCOS system.

Steve Phillips

Current Address:
1433 Hoover Ave.
Eau Claire, WI 54701

Currently working at:
Cray Research, Inc.

e-mail address:
sjp@cray.com

When I was at ETA, I worked as a
Logic Design Engineer
Worked with Gregg Martin and Bob Ihlang on the Priority Unit. Was directly responsible for three of the nine ASICs.

Participated in checkout of the prototypes. Helped install first machine at FSU. Moved to continuation engineering and worked on "Ferrari" project. Developed Vmd_Ranges clock tuning program.

Worked on "Itasca" project.

Since ETA, I have worked at :
Convex Computer
7/89 - 12/90
Asic Design Engineer
Worked on the C3 project (Convex C3800). Designed the NPAR (Instruction Parser) ASIC. This was a 30K GaAs chip.

Cray Research
12/90 - Present
Senior Design Engineer
Doing ASIC and Systems design for the Entry Level Systems division of Cray.

Things that have changed in my life since ETA include:
Am now a father. Twice. Talk about a lifestyle change!

One of the things I remember most from when I was at ETA is
The time we slapped an ETA10 logo on the old, discarded refrigerater sitting on the loading dock in Tallahassee and then had the security guard take our picture while we posed in our lab coats with scopes and other gear.

OTHER:
a. How does your current job compare to working at ETA: I have my own office, with a window! While both Cray and comaradery at ETA that I miss. Then again, maybe I'm just getting old.
b. What was the most important aspect of your ETA experience: ETA was a great place to start at right out of school. We were immeidiatly given plenty of challenging work with more responsibility than I expected.
c. A funny story/experience while you were at ETA, or about ETA since you left ETA: The time someone called me at 6:30am and told me that ETA was closed. Ha! Ha!

d. Travels? Adventures? Other? The only travels I had at ETA were to Tallahassee, which seemed to suffer a different plague each time. First were the floods, then the gigantic insects, and then the frogs!

Diane Ramsey

See Diane Boucher

Vicki Rothe

My name while at ETA:
Same

Current Address:
1106 Scott King Rd.
Durham, NC 27713-9744

Currently working at:
MCNC

Currently working at:
Supervisor, Supercomputing Operations

e-mail address:
vrothe@ncsc.org

When I was at ETA, I worked as a
Midnight Shift Lead Operator
Technical Trainer

Since ETA, I have worked at :
MCNC

Things that have changed in my life since ETA include:
None

Ann Rupprecht

Current Address:
4825 E. Upland Crest
Columbia Heights, MN 55421
612-571-2239

Currently working at:
Fisher-Rosemount Systems, Inc.

e-mail address:
ann@bigbird.rosemount.com

When I was at ETA, I worked as a
Testing

Since ETA, I have worked at :
Rosemount (now Fisher-Rosemount)

Things that have changed in my life since ETA include:
none

Judy Smith

Current Address:
5333 So. Penn Ave.
Minneapolis, MN 55419
Home phone: 612-926-5386
Work phone: 612-683-5090

Currently working at:
Cray Research, Inc. - CraySoft Technical Project Manager

e-mail address:
judys@cray.com

When I was at ETA, I worked as a
compilers manager

Since ETA, I have worked at :
Amdahl Corp. - 10/89-6/92
Cray Research - 7/92-who knows

Things that have changed in my life since ETA include:
Let's see. The biggest is becoming a grandma two years ago this month. A wonderful little boy who I delight in spoiling and in sharing many of his new discoveries. Lots of fun and enjoyment without the fulltime hassles and responsibilities of parenthood. Yea! Otherwise, I have a pretty empty nest. It took my move to CA to get my older son to move out, and my younger son is a student at Mankato State, and generally a blonde blur I see occassionally when he is home.

One of the things I remember most from when I was at ETA is
Apple River outing. A really fun day. Many others

OTHER:
a. How does your current job compare to working at ETA: Just different. Still related to software, still doing project management. But also involved with product packaging (as in box/package design,

brochures - marketing stuff) and producing software for the workstation market. Opportunity to interact with many different organizations within CRI and other companies. Frustrating, enlightening, challenging, but then so was ETA.
b. What was the most important aspect of your ETA experience: This was my really first exposure to working with and managing so many people of different ethnic backgrounds, and it gave me a much broader perspective into other cultures and interpersonal relationships. This was really valuable when I moved to CA which presented much larger opportunities for exploring and getting to know people, cultures, and foods from many ethnic groups. Actually, that's one of the things I miss about CA now that I'm back in the midwest.
c. Travels? Adventures? Other? This is the best part. I've become a much more avid and skilled downhill skier and try to squeeze in at least 2 trips to the Rockies or Wasatch (Utah) every winter. Have enjoyed numerous weekend jaunts while in CA to the Sierras or the ocean, others back in MN to do cross-country skiing or biking. The biggest and most memorable, of course, was paddling the entirety of the Grand Canyon in a 16 foot raft with a bunch of other crazies in the summer of '91. The scenery magnificent, food wonderful, company terrific. I could go on and on. The trip was so good that many of us are planning to go again next summer. This summer's adventure is a trip to Glacier National Park to do some backpacking and day hikes and just soak up mountain scenery. I do love these vacations! ;)

Jon Spence

My name while at ETA:
Same

Current Address:
2051 Eldridge Ave E., N.
St. Paul, MN 55109

Currently working at:
Medtronic, Inc.

e-mail address:
jon.spence@medtronic.com

When I was at ETA, I worked as a
Diagnostic engineer working for Fred Wertz on the Service Unit

Since ETA, I have worked at :
Supercomputer Systems, Inc. (1989-1993)
SSESCO (part-time 1992-1993)
Medtronic, Inc. (1993-present)

Things that have changed in my life since ETA include:
No major ones, kids growing older, moving back to the Cities.

One of the things I remember most from when I was at ETA is
Working with a whole bunch of very capable and dedicated people, many of whom I am still in contact with.

OTHER:
How does your current job compare to working at ETA: Similar, especially since I am once again

working for Fred Wertz :-) The nature of the consequences of a mistake are more grave here at Medtronic, but the type of experience I gained at ETA (and SSI) applies very well here. Medtronic is a much larger, and more bureaucratic place than ETA, which has taken some getting used to for me.

Kevin Stoner

My name while at ETA:
Henge

Current Address:
1500 Virginia Place, #104
San Jose, California 95116

Currently working at:
Pyramid Technology

e-mail address:
kstoner@pyramid.com

When I was at ETA, I worked as a
System/Performance test
UNIX library/utilities

Since ETA, I have worked at :
Pyramid Technology

Things that have changed in my life since ETA include:
cats from hell

One of the things I remember most from when I was at ETA is
Bocce ball at The Half Time Rec

OTHER:
The opportunities are good, but the machines are too slow.
The people were easy to talk with and fun to party with.
Not really funny, but fun. Seeing Annie B out west.
Checking out the big trees, beaches, wine.

Rose Sullivan

Current Address:

Currently working at:
Sun Microsystems

OTHER:

5 Years Already? Time Sure Flies When Your Life Gets Rearranged

A little less than a month after the fifth anniversary of ETA's closing, on May 10 of this year, I attended my five year party at Sun Microsystems in Silicon Valley. (The celebration was a little premature, since my 5th anniversary at Sun will actually occur on August 7).

In honor of that occasion, Scott McNealy, Sun's former president and current CEO, attended a tail-gate party of sorts with 300 hundred or so of us five year veterans outside of Candlestick Park. After the party, we all filed into the Stick to watch McNealy throw out the first ball, and, as it turns out, we also got to watch the Giants lose to the Rockies.

I don't see many baseball games, so my thoughts turned back to the few I have seen in the past, especially in Minnesota at the Metrodome the year before ETA closed, the year we all got a chance to wear a sweatshirt proclaiming, "ETA Systems and Minnesota Twins, Both Winners!"

I'm writing this like many others are, to share some of the changes we've been through since the day that we were bused down to the World Theater to hear the president of CDC tell us that ETA was "discontinued." I was only a contractor, but I had worked there two years, and I was very sad to see this bright and promising offspring of CDC come to an early end.

Many of us showed up at the Job Fair at the Hotel Soffitel in Edina a week or so afterwards. All the local companies' booths were awash with applicants, so the odds were pretty high against my finding work that day. On the way out, I just happened to drop my resume into a box near the exit to enter into a drawing for a door prize. My door prize turned out to be an intangible one – my resume led to connections to a country-wide pool of companies. When recruiters would talk to me, they would also ask for names of other writers, and as a result of these calls at least a few of my coworkers ended up taking jobs in faraway places too.

After phone interviews with companies in Atlanta, GA; Plano, TX; Mountain View and Milpitas, CA, I flew to Plano and to Milpitas to interview at Convex and Sun Federal Division (Sun Fed).

During the 3 months that I looked for work and interviewed here and there, I was lucky to be able to get back inside ETA for a while on a contract. I helped the remaining few CDC employees who were charged with supporting the existing ETA10s to consolidate the documentation from the Apollo and Sun networks. I saved all the files on 8 inch tapes, then I wrote up procedures about how to print out the Interleaf and troff docs, working in the middle of a discouraging disarray of empty cubicles that were gradually being dismantled and cleared away. Even though it was hard to see the place look so dead, it helped me a lot psychologically to be able to go back inside the building after having been so summarily locked out.

Just as I was leaving for the plane to go interview at Convex in Texas, I received an offer from Sun Fed. After the Texas trip, I had to decide between two offers, and I chose Sun, a choice for which I am mostly glad. If I had to go through all the painful adjustments I endured after my move without the consolations of short trips up and down the Pacific coast and up the Sierras to places like Yosemite valley, it would have been a lot harder. As it was, it was bad enough.

I loved Minnesota and still do. I came to the Midwest after I'd lived around San Francisco for 4 years. After 16 years in Minnesota, I planned to live in Minneapolis the rest of my life.

It's only now, after almost five years, that I feel almost settled here. There is a time after you leave someplace that you love that you want very much to go back. Then, after a while, you have enough associations and enough comfortable connections that it's fairly balanced whether you go back or stay. And that's where I'm at right now, fairly balanced.

Sun sent me to Minneapolis for the Society for Technical Communications convention in May, and I came back happy that I got my fill of lilacs for the first time since I left, since lilacs don't do well here at all. It's not cold enough.

We may not have cold, but the first week I was here, an earthquake shook me awake with such a loud bang and impact that I woke up thinking that a train had jumped the nearby tracks and hit the side of the building. The overhead fan was swaying violently, and I wondered if the ceiling was going to fall down. With all that alarming action, neither of my children even woke up. We endured the big one a few months later in October of 1989 (all of us felt that one), and I still see the effects in some highway interchanges that have never been repaired.

For a while, I tried to keep in contact with some of the ex-ETAers that came out to Silicon Valley.

I talked with Kevin Stoner on the phone, had dinner with Walt Augustine, Dan Uster, and John Hesterberg a few times, talked with Larry McVoy across the bay in Sun's Mountain View campus, met with Carol Steiber and Judy Smith, and I socialized quite a bit with Jim Stanley and his family. The name of ETA's former president, Carl Ledbetter, showed up in an email press release at one point when he took the job of VP leading one of Sun's planets out in Chelmsford, Mass., but he disappeared from the names list just as suddenly a while later. John Hesterberg went back to Minnesota where he could afford a house for his growing family; Judy Smith went back too, and I pretty much lost touch with the rest. I gave away my ETA sweatshirt when I was cleaning out my closet a few weeks ago.

Conclusion? I don't have any.

Just that if anyone told me the day before ETA closed that a few months later I would be living in a suburban city called Milpitas in California, I would have found it hard to believe. After leaving San Francisco in December of 1970 in an orange Volkswagen bus with my husband, my 6 month old son, Liberty, and all our worldly goods, on our way to live in the Midwest, I never expected to return to the Bay Area by airplane 18 years later with all my possessions in a moving van and all my expenses paid for by a major corporation.

There may be some equivalent surprises still ahead.

Sue Swanson

Current Address:
9617 Jody Court
Chisago City, MN 55013

Currently working at:
Hazelton

When I was at ETA, I worked as a
Software Engineer

Since ETA, I have worked at :
Control Data Corp. (Government Systems)
Hazelton

Things that have changed in my life since ETA include:
Daughter: Krista born Nov: 1989 Daughter: Rachel born Feb. 1993

Kay A. Tate

Current Address:
2154 Parkwood Hills Dr. NE
Rochester, MN 55906

Currently working at:
IBM, AS/400 Division

e-mail address:
personal: ktate@aol.com
work: ktate@rchland.vnet.ibm.com

When I was at ETA, I worked as a
System Design, Market Requirements

Since ETA, I have worked at :
IBM

Things that have changed in my life since ETA include:
Mercifully, none except that my husband has gotten out of the computer business to index books!

One of the things I remember most from when I was at ETA is
Note posted on my office door when our son was born, “System Design delivers on time”

OTHER:
Comaraderie: The ETA people in Rochester still keep in loose touch with each other and do some networking.

Deborah Taylor

My name while at ETA:
Deborah Taylor Carufel

Current Address:
2923 Labore Road
Little Canada, MN 55109

Currently working at:
Cray Research

e-mail address:
dtaylor@cray.com

When I was at ETA, I worked as a
Worked in the EOS tools group and the UNIX development group.

Things that have changed in my life since ETA include:
In 1992, after ten years of marriage, my husband and I divorced. But out of something very sad can come something good. If anything I have learned since the ETA closing is to not give up faith, because there will be better days ahead (even if you work in the supercomputer industry). Since then, I have remarried and am expecting a new arrival in August. We are both very excited– even my two little boys (Aaron and Andy) are starting to get excited and have been picking out names:-)

OTHER:
a. How does your current job compare to working at ETA: I am currently working on OS security testing and have just finished up a project to have the OS certified to a B1 rating (a first for a supercomputer!!). It is probably the best project I have been on since joining Cray. Working with the NSA was really fascinating. I thought we killed ourselves for deadlines at ETA, but during this

project I was lucky to get a Saturday off to get married and had to be back to work on Sunday. Since the end of that project in January, I have been working on MPP testing and C++ (and taking weekends off).

b. What was the most important aspect of your ETA experience: At ETA, I got the chance to worked on some great projects. I probably learned more at ETA and got to be involved in things I would have never been exposed to somewhere else. And the best part was being with people that really enjoyed their work, which you do not find everywhere.

c. A funny story/experience while you were at ETA, or about ETA since you left ETA: I have been promised to secrecy. And as they say in the security business– "I could tell you, but then I would have to kill you".

d. Travels? Adventures? Other? My husband has introduced me to the concept of taking vacations (my last 1 week vacation had been 11 years ago). What a great idea! In the last eight months, we have been to the Bahamas, Disney World, and have even bought a camper for weekend trips.

Kathryn Teig

See Kathy Bong

Steve Telleen

Current Address:
3458 Windsor Court
Pleasanton, CA 94588

Currently working at:
Amdahl Corporation
POSITION:
Director, Strategic & Market Planning, Open Enterprise Systems

e-mail address:
slt50@oes.amdahl.com

When I was at ETA, I worked as a
Manager, Application Marketing

Since ETA, I have worked at :
I have worked in Amdahl's Open Systems group since leaving ETA

Things that have changed in my life since ETA include:
Adjusting to California: the crowds and the costs.

One of the things I remember most from when I was at ETA is
I enjoyed the energy and supportive nature of all the people. We were on a mission, and everyone believed we could succceed.

OTHER:
a. For a long time I missed the entrepeneurial nature of ETA, but over the past year we have done

some major restructuring at Amdahl that has created a similar environment/feeling here. Finally!
b. Ilearned a lot about business and marketing at ETA. The demands and freedom of the job gave me valuable experience. And I had some very good mentors, from all levels in the company, to help me grow.
c. The most memorable travel experience I had at ETA was when Horst Soboll (CDC sales in Germany) put on a computational chemistry conference for the German chemical companies in Heidelberg. He took everyone to a restaurant with a room set up specifically for us. We started with a mead and beer cocktail (the oldest known mixed drink from the area) and each course was typcical of a progressively later period in history. The music and dress of the servers also changed with the period. It was unique, elegant, simple, and fun.

Bob Tillma

Current Address:
Rte. 5 Box 308BB;
Chippewa Falls, WI 54729

Currently working at:
Cray Research, Inc.

e-mail address:
btillma@triman.cray.com

When I was at ETA, I worked as a
Director of Engineering

Since ETA, I have worked at :
Only Cray Research

Things that have changed in my life since ETA include:
Living in the country outside of Chippewa Falls is quite different than living in the Twin Cities metropolitan area. We have more space, which lets me play in the dirt in my back yard on weekends and keeps me out of mischief. The Chippewa Falls community has a very rural flavor, and we have found the people to be very nice.

One of the things I remember most from when I was at ETA is
Getting the first hardware out the door and headed for Florida State is probably the best single high-point. The dedication of the employees, and the level of commitment to the Company's goals is something that I doubt I'll ever see again.

David J. Verbout

Current Address:
2000 Wentworth Ave.
South St. Paul, MN 55075

Currently working at:
Network Communications Corp.

When I was at ETA, I worked as a
Technical Support Specialist

Since ETA, I have worked at :
Technician (Cold Test) 1988, 1989
Network Communications Corp.

One of the things I remember most from when I was at ETA is
Liquid Nitrogen leak with Japanese investors present.

OTHER:
A.How does your current job compare to working at ETA: I work harder not.
B. What was the most important aspect of your ETA experience: I learned a tremendous amount

Linda J. Vetter

Current Address:
9653 Wellington Lane
Woodbury, MN 55125

Currently working at:
Cray Research, Inc.

e-mail address:
vetter@cray.com

When I was at ETA, I worked as a
Technical writer in several departments: Technical Communications, Marketing, and Executive Communications

Since ETA, I have worked at :
Brief contract stint at Medtronic, but largely at Cray Research

Things that have changed in my life since ETA include:
Son born in 1990; second child due 12/24/94

One of the things I remember most from when I was at ETA is
All the fun stuff we used to do over lunch hours: walking up to Bandana Square, going to Como Zoo, flying kites. Also the great pleasure of playing in the ETA golf league on Friday afternoons; what a super way that was to unwind at the end of the week.

OTHER:
What was the most important aspect of your ETA experience: Gaining confidence in myself as a survivor.
Adventure: Parenthood!!!
Travels: Somewhat curtailed compared to days of yore (because of parenthood), but we have managed a few fun trips to San Francisco, Disney World, and, of course, the U.K.

Steve F. Zwinger

My name while at ETA:
Steve F. Zwinger

Current Address:
9945 Swath Court
San Diego, CA 92129

Currently working at:
Cray Research Superservers, Inc.

e-mail address:
sfz@cray.com

When I was at ETA, I worked as a
Logic Design / Project Leader Systems Engineering.

Since ETA, I have worked at :
Bull Micral of America
Supercomputer Systems, Inc.
Cray Research Superservers, Inc.

Things that have changed in my life since ETA include:
Married Susan Zwinger 3/9/91 Baby girl, Erin Zwinger, born 5/27/93

OTHER:
After ETA shutdown, Billy Jacobus initiated the transformation of a piper to an ETA10 beer cooler. After its transport from St. Paul to Eau Claire, a Cray employee was reported as doing a double-take when he saw a piper in a U-Haul heading east on Hwy 94.
Best adventure was supporting the announcement of the ETA10 in Paris France with Sue.

Susan K. Zwinger

My name while at ETA:
Susan K. Moeller

Current Address:
9945 Swath Court
San Diego, CA 92129

Currently working at:
Cray Research Superservers, Inc.

e-mail address:
suez@cray.com

When I was at ETA, I worked as a
Project Leader for SW Installation Team

Since ETA, I have worked at :
3M
Control Data Japan, at Tokyo Institute of Technology
Supercomputer Systems, Inc.
Cray Research Superservers, Inc.

Things that have changed in my life since ETA include:
Married Steve Zwinger 3/9/91 Baby girl, Erin Zwinger, born 5/27/93

OTHER:
Still working on customer service of large systems. Really enjoyed the travel I did at ETA Systems, particularly the oriental trips. The best adventure was the ETA10 piper announcement in Paris, France with Steve. I'll never forget first being introduced to Billy Jacobus and wondering why he had teeth marks in his nose.

Listing by State

The following section lists the people in this yearbook, listed by the state that they currently live in:

CALIFORNIA

Tom Murphy
Kevin Stoner
Rose Sullivan
Steve Telleen
Steve F. Zwinger
Susan K. Zwinger

IDAHO

Catherine Fitch

MINNESOTA

Randy Bach
Michael K. Berquist
Keith V. Besaw
Gary E. Bolenbaugh
Bob Bowen
Maynard A. Brandt
Holly Breymaier
David Bright
Patrick Botz
Vasant D. Butala
Craig M. Carlson
Gail J. Gazda
Carol Gillies
John Gilson
Curt Hale
John Hesterberg
Pat Hiti
Roy Hoelzel
Billy Jean Horne
Bill Jacobus
Michele Jacobus

Jim Keifenheim
Colleen Kellen
Charles E. Nove
Tom Nurkkala
Ron Olson
Martin Pease
Ann Rupprecht
Judy Smith
Jon Spence
Sue Swanson
Kay Tate
Deborah Taylor
David J. Verbout
Linda J. Vetter

NEW YORK

Bernard King-Smith

NORTH CAROLINA

Kathryn L. Bong
Paul A. Bong
Vicki Rothe

OREGON

Roland Begin
Dave Clark

SOUTH DAKOTA

Diane Boucher
Mike Boucher

TEXAS

Lionel Bening
Anne Bolgert
David Cheney
Gene Fredericksen
Nancy Guerra

Tim Heap
David Richard Marquardt

WASHINGTON

Michael T. Daly

WISCONSIN

Barb Clauson
Jim Kreilich
Michael Migliano
Steve Phillips
Bob Tillma

JAPAN

Ed Greshko

Listing by Employer

The following section lists the people in this yearbook, listed by the name of their employer:

Amdahl Corporation

Steve Telleen

Bell Atlantic

Michael Migliano

Compaq Computer Corporation

Gene Frederiksen

Computer Aid, Inc.

Gail J. Gazda

Control Data Systems

Gary E. Bolenbaugh
Ed Greshko
Martin Pease

Convex Computer Corporation

Lionel Bening

Cray Research, Inc.

Bob Bowen
Maynard A. Brandt
Vasant Butala
John Hesterberg
Jim Kreilich
Steve Phillips
Judy Smith
Deborah Taylor
Bob Tillma
Linda J. Vetter
Steve F. Zwinger
Susan K. Zwinger

Dakota Scientific Software, Inc.

Diane Boucher
Mike Boucher

Data General Corporation

Kathryn L. Bong
Paul A. Bong

Fisher-Rosemount Systems, Inc.

John Gilson
Ann Ruprecht

Hazelton

Sue Swanson

Hewlett-Packard Company

Catherine Fitch

IBM Corporation

Keith Besaw
Anne Bolgert
Patrick Botz
Dave Cheney
Nancy Guerra
Bernard King-Smith
David Richard Marquardt
Kay Tate

LSI Logic

Randy Bach
Carol Gillies

MCNC

Vicki Rothe

Medtronic

Michael K. Berquist
Curt Hale
Pat Hiti
Jon Spence

Micral Inc.

Bill Jacobus

Microsoft

Michael T. Daly

Minnesota Mining and Manufacturing (3M)

Craig Carlson

Moore Data Management Services

Jim Keifenheim

NetSolutions

Barb Clauson

NetStar, Inc.

Holly Breymaier

Network Communications Corp.

David J. Verbout

Pencom Software

Tim Heap

Pyramid Technology

Kevin Stoner

Science Inc.

Ron Olson

Secure Computing Corporation.

David Bright
Charles E. Nove

Sequent Computer Systems

Roland Begin

Silicon Graphice Incorporated

Tom Murphy

Sun Microsystems

Rose Sullivan

Synopsys, Inc.

Dave Clark

Tricord Systems

Roy Hoelzel

Unisys Corporation

Colleen Kellen

University of Minnesota

Tom Nurkkala

Varitronics

Billy Jean Horne