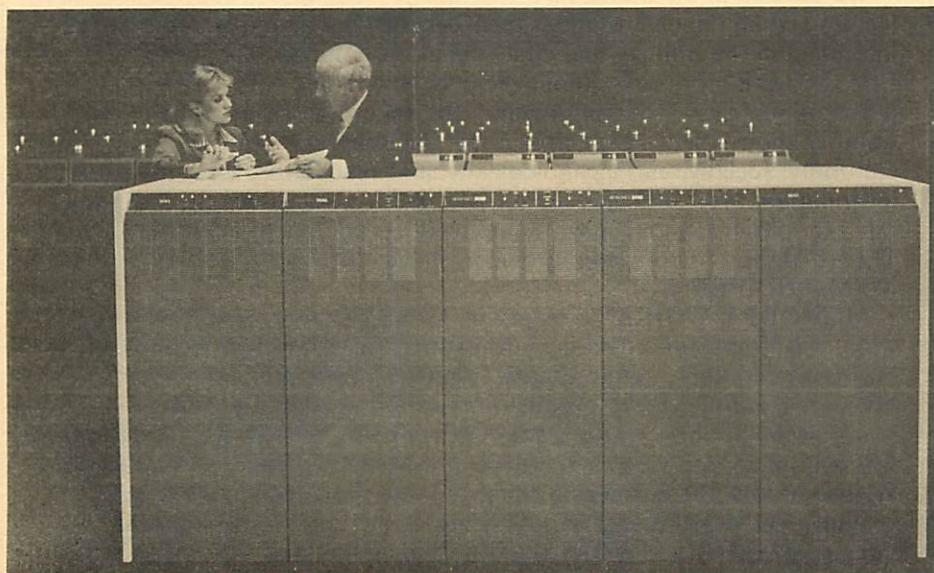


MEMOREXPRESS

A newspaper for Memorex employees in Santa Clara Valley

Volume 1 Number 1 October 1983



Memorex ships first production 3680 — ahead of schedule!

by Karen Lippe

With the shipment of a production 3680 in August, Memorex became the first plug-compatible manufacturer (PCM) to deliver a disc storage subsystem with more capabilities than the IBM 3380 model.

Beta testing of the 3680 was conducted in Texas Commerce Bank

in Houston. Installed in the first quarter of 1983, the subsystem was used for production work by the bank, which included loading of production files and paging data sets.

"The reliability of the 3680 subsystem, as demonstrated at the Houston customer site and in our own labs, has exceeded our expectations," said Wade Meyercord, president of Storage Equipment Manufacturing and Development (SEM & D).

Besides the increase in storage capacity, 1.26 gigabytes per module (or a total of 10.08 gigabytes per eight-spindle string), the 3680 has several advanced features. These features include an improved communications architecture with a much lower overhead that links each of the elements of the subsystem to the CPU, built-in diagnostics down to the individual actuator level, and maximum availability path selection (MAPS), which allows data to be transferred simultaneously to or from any two actuators on a string.

continued on page 8

1983 United Way drive announced

"We Care at Memorex for our Community" is the theme of this year's United Way campaign. The Memorex drive will begin October 24 and end on November 4. Campaign promotions will be supported by United Way volunteer coordinators (from the ranks of Memorex employees) in your work areas. As in the past, there will be incentives and prizes for giving. Look for a special issue of MEMOREXPRESS on the United Way campaign at Memorex in 1983.

NETWORK '83 aimed at working women

Concern about women's interests is at an all-time high. By 1985, 73% of 20- to 50-year-old women will be employed, representing 55% of the work force. Women will make up 53% of the overall population.

With their increasing numbers as heads-of-household or essential contributors to family income, women are more determined than ever to advance their careers and ensure their futures. They want to become more effective businesspeople, high-salaried wage earners, and more competent individuals.

Women's professional groups, educational seminars, and support groups directed to women grow daily in membership and in community involvement. Like men, women have discovered that the sharing of information with mutual contacts, (also known as "networking") is their partner in career advancement and another aspect of business education.

To assist local women in their careers, NETWORK '83, the third annual MS. BS INC™ networking conference and exhibition is slated for October 6-8 in the San Jose Convention Center.

NETWORK '83 presents an overall picture of the Santa Clara County business climate, providing an ideal environment for networking through the presentation of seminars and workshops, and the sharing of business experiences.

Along with a seminar schedule featuring over 40 specific presentations, there will also be workshops, exhibits, a video theater, a bookstore, panel discussions, keynote speakers, and much more for the working woman. Also featured, in a 1,000 square foot area, will be an "Office of the Future," featuring state-of-the-art technology in an actual office environment.

For more information, contact MS. BS. INC™ at (408) 448-2151.

Wescon/Mini Micro West to address OEM marketplace

Wescon and Mini/Micro West will sponsor an electronic and computer OEM show November 8-11 at Moscone Convention Center, Brooks Hall, and Civic Auditorium in San Francisco. Over 90,000 engineering and management professionals are expected to attend the four-day event, and over 1,100 exhibitors will display the latest in product and process innovations.

Wescon's focus areas will be instrumentation, test equipment, control systems, components and microelectronics, communications equipment, and electronic packaging and production equipment.

Mini/Micro West will address the OEM marketplace and will also have exhibits of small computers, peripherals, software, and data communications equipment.

Other programs at the show include a special Executive Day on Tuesday, November 8 with a keynote speaker, Donald Procknow, president of General Electric. Workshops and seminars will cover such topics as technology forecasting, today's education, export marketing, robotics, technical entrepreneurship, purchasing, and sales strategy.

Parking will be available at Candlestick Park with free shuttle service to and from the shows.

For more information call (213) 772-2965.

Information Center offers B-20 classes

Memorex Information Center will continue to schedule classes on the applications of the B-20.

The class will cover background history of the B-20, which will stress the basic features and languages provided, general tips on how to avoid problems, and assistance for determining the stated needs in comparison to the usage.

To schedule a Wednesday group class or an individual consultation, call Bonnie at (408) 987-0763.

Editorial

You are reading the premier issue of **MEMOREPRESS**, a monthly newsletter designed to bring Memorex employees in the Santa Clara Valley all the local news we always wanted in **INTERCOM** but never got. Despite the fact that Memorex employees world-wide have a lot in common and, in many cases, want the same information, the employees in the Santa Clara Valley have some very special information needs that are not shared with other Memorex employees "out there."

We need to know what MAG (Memorex Activities Group) has to offer locally and all the details about their benefits and activities; we are interested in the training and educational opportunities available to us here; we want more news about the people we work with — their personalities, their accomplishments, and their objectives; many of us want to know what's happening in the community around us — culturally, socially, and technologically; and much more local news and information. We could also use an effective forum for buying and selling our cars, furniture, and sports equipment, or renting an apartment. **WANTADS**, we hope, will become a very important part of **MEMOREPRESS**.

MEMOREX WORLD, a magazine for all Memorex employees worldwide, will be introduced soon with feature articles on high technology, business operations, extraordinary employees, Memorex plants and offices around the world, product application articles, and relevant issues in the business world today. Occasionally, **MEMOREX WORLD** will feature an interview or a profile of a Memorex leader so we can get an idea of how the business is being run and the direction we're going.

While **MEMOREPRESS** will bring us the timely news of local interest, **MEMOREX WORLD** will include issues and features of international interest. Both are designed to complement each other and to fill some information gaps that existed in the past.

As always, your input is critical to the success of both these employee publications. Since we don't have a staff of reporters to collect the news, your suggestions and contributions will be the backbone of these publications.

What is it you want to know more about? Please let us know. If you have any suggestions, comments, or questions, call (408) 987-0376 or send a note to Employee Publications, Mail Stop 06-03.

With your ongoing support, assistance, and contributions, we can make these employee publications the best in the industry today.



Memorex hosts first APA meeting

Memorex recently hosted the first meeting of the American Payroll Association (APA) of Northern California. The purpose of the association is to educate payroll professionals in the fast changing area of state and federal regulations in the payroll field.

The APA has over 2,700 corporate members nationally and 30 locally. By establishing a local chapter, the

members believe it will be beneficial to them all, especially if their proposed hotline network is formed. This hotline will keep the corporate APA members current with the latest payroll regulations as well as the new technology developments in the valley.

For more information contact Maxine Deriso at (408) 987-2845.

Win prizes, save gas during Bike to Work Week

October 10th through 15th are the dates for an exciting bicycle commuting promotion being implemented by Santa Clara County Supervisor Rod Diridon. As a nationally recognized promoter of mass transportation, Rod is encouraging bicycle commuting as another great method of maximizing our energy resources while minimizing our energy use. *Bike-to-Work Week* will increase community awareness of bicycling as a serious commute alternative.

Bike-to-Work Week will feature fun events, culminating in an informative conference and workshop on Saturday, October 15. The weekday events include automobile versus bicycle commute races and prizes for various categories of bicycle commuters, such as longest commute, oldest commuter and fastest commute. Saturday's conference will feature exhibits by various bicycle manufacturers; a keynote address by Ralph Hirsch, the national legislative director of the League of American Wheelmen; a videotape from the Environmental Protection Agency entitled "Biking to Work;" a luncheon and prize presentations; and workshops on topics such as "How to Set Up an Effective Commute Bicycle Organization," "Bicycle Safety," "Employer Incentives for Bicycle Commuting" and "How to Influence the Local Planning Process to Insure Bicycle Access and Facilities."

If you're interested in entering the contest or attending the conference, contact Christine Garcia or Pamela Poor at (408) 299-4321.

NOTICE: There is room still available for interested Memorex employees in three all-day training classes being held this month: Stress Management, October 25, 26 and November 16; Effective Writing, October 11-12; and Editing and Grammar, October 20. For more information contact Karen at extension 7-3435 or Rita at 7-2321.



The 1983 Memorex Mens' Intramural Softball team members are pictured above: top row (left to right) Buck Bondura, Terrance Poyer, Al Urquhart, Mac Pamanian, Sonny Dequiza, Chuck Hernandez (manager), and Bob Moreno (captain); bottom row (left to right) Gilbert Gonzales, Albert Garcia, Peter Leon, Robert Leon, Rick Bracamore and Benny Pausanos.

Bad Company wins men's softball championship with solid defense

by Karen Lippe

When the intramural mens' softball season came to a close on September 1, the team that walked off the field as the reigning 1983 victor was Bad Company.

With 10 teams in the league, Bad Company was faced with a rough road to the championship circle. And sure enough their last conflict was against the first place and undefeated team, Four Badders. The deciding bout was on a two-out-of-three game series which after two games, was split at one all. But Bad Company clinched the third game with a final score of 12-6.

The Key to Bad Company's success? "Pure defense," according

to team captain Bob Moreno.

"Our offense was always there throughout the season, but I think it was our entire defensive unit that won it for us."

"Mac (Scoop) Pamanian put on an awesome performance at first base. He really made us look good. He seemed to 'scoop' everything that came his way (hence his nickname) and kept us out of a lot of jams."

Another outstanding performance was by Sonny Doquiza who only allowed an average of five runs per game.

Final standings for the season were:

First Place	Bad Company
Second Place	Four Badders
Third Place	Who Cares

CCC offers free budget counseling

Are you controlling your money or is it controlling you? Do you often reach the end of your paycheck before you reach the end of the month? Consumer Credit Counselors of the Santa Clara Valley, a non-profit community service, provides free budget and debt counseling service for people who have difficulty paying their bills. For further information call Consumer Credit Counselors at (408) 554-9494 or visit them at 1940 The Alameda in San Jose.

MEMOREXPRESS is published by the Corporate Design Center for all Memorex employees in the Santa Clara Valley. Send letters, comments, and requests to: **MEMOREXPRESS**, Mail Stop 06-03, 2800 Bowers Ave., Santa Clara, CA 95051, or call (408) 987-0376.

Editor, Diane Brazil
Graphic Designer, April Bishop
Associate Editor, Karen Lippe

Memorex Corporation is a Burroughs company.

Speechmasters learn the art and science of public speaking

by Cres Cole

Do you want a friendly, supportive environment in which to learn and practice speaking before a group? If so, you might try Memorex Speechmasters.

The Memorex chapter, which is part of Toastmasters International, meets every Wednesday from noon to 1 p.m. in the Education Building (building W) on Memorex Drive. A typical meeting consists of an impromptu speaking experience for those who want to participate, three prepared speeches with a critique session, an awards session, and an address by the club president.

For the competitive speech enthusiast, the club offers a speech contest twice a year. The fall competition focuses on humorous speeches and the spring centers on serious topics. Local club contest winners will then compete in an area meet and, if their abilities prove successful, they can take their public speaking aspirations to the division, district, regional and international competitions.

For more information contact:
Dianna Adair (408) 987-1621
Christina Whitley (408) 987-9601
Cres Cole (408) 996-9000 x626
Lynn Cornelius (408) 987-3362
Alan Pattison (408) 987-0296
George Korianek (408) 987-1945

New Administrative Council to offer variety of classes

The training committee within the newly-formed Administrative Council will be offering the secretaries of Memorex an opportunity to participate in communications classes being held on January 25 and February 8, 1984. Some of the topics to be covered are active listening, communication assertiveness, and analyzing communication styles. A memo will be sent at the end of October to all secretaries explaining the procedures for registering for these classes.

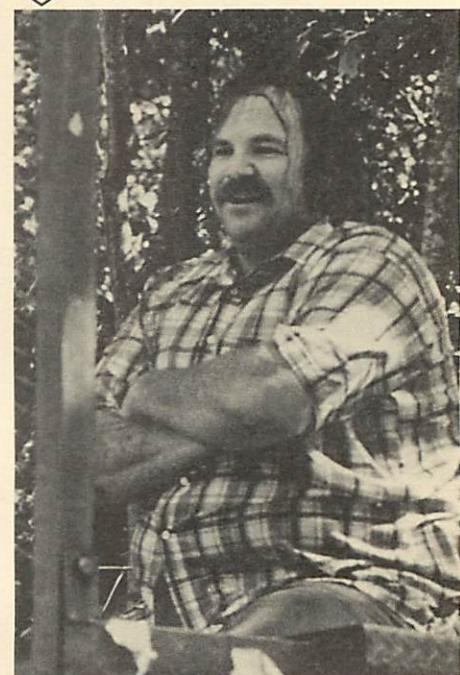
Mishler takes the plunge at RMCD summer picnic — gets all wet

Fred Mishler, manager of 5 1/4" disc production in the Rigid Media and Components Division, agreed to enter the dunk tank at the RMCD picnic last month in Saratoga Springs park, to the delight of RMCD employees who took the opportunity to get Mishler all wet. A good sport, Mishler took the plunge, as shown in the photographs below.

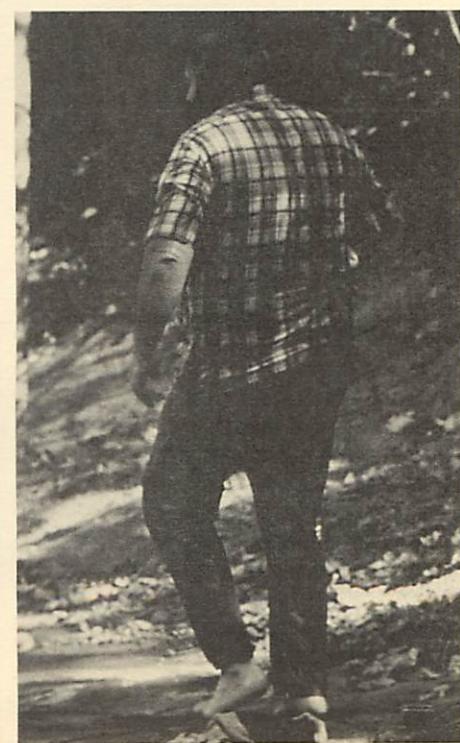


◀ Mishler cautiously enters the tank.

“Nobody can dunk **me!**”



◀ “Wrong again.”



◀ “Who needs it?”

SJS courses now held on weekends and evenings

San Jose State University offers continuing education courses on evenings and weekends covering a variety of subjects for the working person in Santa Clara Valley. Courses are available in word processing, basic and advanced computer skills, technical and business writing, and interpersonal skills, for example.

Below is a partial list of courses available now. For more information, call the Continuing Education Registration office at (408) 277-2883.

Keyboarding — How to Use a Word Processor

Computer Graphics

Photography (all kinds)

English as a Second Language

Technical Writing and Editing

How to Protect Your Children from Kidnapping

Marketing Communications

Advertising

Assertiveness Training

Music

Modeling

Health Care

Wilderness Survival

Weight Training

Communications Skills

Field Studies in Geology, Biology, and the Natural Sciences

International Travel

Home Organization Skills

Financial Planning

Time Management

Pumpkin carvers alert: MAG holds carving contest

Carve your way to success! Prepare to enter the first MAG Pumpkin Carving Contest on October 28 in the San Tomas cafeteria. Bring your own pumpkin and compete with other Memorex employees for prizes. There will also be a costume contest at the same time in the same place. Look for details from the MAG office or call 7-2357 for more information.



Tom Mitchell, left, and Hal Burman at a "roast" for Burman's retirement party.

Burman "roasted" at retirement party

On Friday evening, August the 26th, a group of Memorex employees from the Large Disc Drive Division assembled at a local restaurant to honor a retiring employee, Eric "Hal" Burman, a 14-year veteran of the Company and, until his retirement, manager of Mechanical Receiving Inspection in LDDD. The celebration and send-off party were attended and put together by employees of LDDD's Incoming Materials department, managed by Tom Mitchell.

The feature event of the evening was a "roast" of Burman in which his Memorex friends made sarcastic and humorous remarks about Burman's alleged golf scores, among other things. One participant noted, "It wasn't easy to roast Hal. We had to lie a lot."

He was also honored with a poem written especially for him and recited by Jay Barrington, manager of Procurement Quality Engineering in LDDD.

Burman's plans now are to play a lot of golf, hopefully to bring down those alleged scores, and to travel with his wife Angie.

Johnston places first runner-up in local pageant

Joni Johnston, Advertising and Promotions coordinator in Memorex's Communications Group, recently placed first runner-up in the Miss City of Santa Clara pageant, a preliminary competition to the Miss California and Miss America pageants.

The competition requirements are the same at the local levels as they are at the state and national levels. Johnston performed an original dance, which she choreographed herself, in the talent portion of the competition.

As first runner-up, Johnston is the alternate of the reigning Miss City of Santa Clara. If the current queen cannot fulfill her duties, Johnston will then replace her and be eligible to compete in the Miss California pageant next summer.



PROFESSIONAL SPORTS

SAN FRANCISCO 49ers — Home Games

October	Team	Time
9	Rams	1 p.m.
30	Jets	1 p.m.
November		
6	Dolphins	1 p.m.
13	Saints	1 p.m.

GOLDEN STATE WARRIORS BASKETBALL — Home Games*

October	Team	Time
29	Portland	8:05
November		
5	New York	8:05
8	Atlanta	7:35
10	Phoenix	7:35
12	Cleveland	8:05
15	San Antonio	7:35
17	Denver	7:35
29	Los Angeles	7:35

*All home games are played in the Oakland Coliseum.

GOLDEN BAY EARTHQUAKES — Home Games*

November	Team	Time
6	Old Timers	7:00**
18	Vancouver	8:00
30	Chicago	8:00

*Home games played in Oakland Coliseum.

**Free admission.

International ballet troupe joins SJ Symphony to benefit hospital

An evening of distinguished ballet, *From Bolshoi to Broadway*, will be presented on October 31 at the Center for the Performing Arts in San Jose. A company of internationally renowned soloists, ballet stars Valentina and Leonid Kozlov, and conductor Denis de Coteau with the San Jose Symphony Orchestra will be featured in this new production.

Proceeds from this event will aid the widely respected critical and

MEMOREX will provide you with an ongoing schedule of sports, cultural, and Memorex activities in the Bay Area. In each issue of the **PRESS**, we will print schedules of the activities going on that month and the following month, so you can plan ahead. If you would like further information about any schedules, please call us at (408) 987-0376.

MEMOREX ACTIVITIES

MEMOREX BLOOD DRIVES FOR THE AMERICAN RED CROSS

November	Group	Time
8	Communications (Cupertino)	7 a.m. - 7 p.m.
17	Corporate	9 a.m. - 3 p.m.

December

6	Computer Tape	7 a.m. - 12 p.m.
8	Computer Tape	1 p.m. - 4 p.m.
12	Flex Disc Media	7 a.m. & 12 a.m. - 4 p.m.

1983 MEMOREX INTRAMURAL FOOTBALL SCHEDULE

(Games are held at Hathaway Park in San Jose)

Teams

1. Bucs
2. Aerial Express
3. Comm-a-kazi
4. Greenhorns
5. Bump and Cut
6. Off Center
7. Midnigheters

October

8	9 a.m.	1 vs 6
	10:30 a.m.	2 vs 5
	12:00 p.m.	4 vs 7
15	9 a.m.	3 vs 7
	10:30 a.m.	1 vs 5
	12:00 p.m.	6 vs 2
22	9 a.m.	7 vs 2
	10:30 a.m.	3 vs 6
	12:00 p.m.	1 vs 4
29	9 a.m.	5 vs 3
	10:30 a.m.	2 vs 4
	12:00 p.m.	7 vs 1

November

5, 12 and 19 — Championship Play-off

trauma care unit of Alexian Brothers Hospital. Within the past year, Alexian Brothers has opened three state-of-the art facilities which use the latest advances in the medical technology field to treat both inpatients and outpatients. The hospital treats more trauma and emergency cases than any other hospital in the South Bay.

For more information contact Alexian Brothers Hospital Foundation at (408) 246-1160.

SEPTEMBER

20 Years

Sam Mathis, Jr.
Verna Masella

15 Years

Earl Bailey
Leilani Johnson
Lanora Tuttle

10 Years

Arthur Anderson
R.A.M. Broxterman
Bruce Caton
Jack Cavanagh
Arthur De Bord
Cecille Ellner
Jerome Ganske
M. Jose Grace
Glenna Herman
Stanley Hernacki
Patrice Jamet
Ruth Martinez
Jacques Miguet
Linda Nickerson
Lavarn Nolf
Gordon McClenaghan
Robert Perlongo
Renate Pesenksi
Rebecca Salinas
Raul Sanchez
Bertha Simas
Margaret Vaggelaras

ANNIVERSARIES

OCTOBER

15 Years

Gail Burris
Alfred Endter
Alfons Jaramillo
Albert Martorana
Dennis Morones
Robert Saxer
Morris Shaver
Oscar Perez

10 Years

John Bado
Jacques Cailleau
John Calloway
M. Camagni
Carmen Castro
Gloria Cortez
Rafael De Leon
Willie Evans, Jr.
Lois Ferriolo
Richard Garcia
Bertha Garza
Arthur Gohmann
Claire Good
Debrah Gregg
Richard Hinde
Heinz Kolb
Anton Koller
Charles Mahnke
Rita Martinez
Charles Mosby
Shirley Moseley

Gary Myers
Carol Pearson
Ray Ramsey
Shirley Robinson
Mary Rodriguez
Joseph Schultz
Hans Joachim Schinke
Leslie Shingle
Robert Talamantez
Veroni Williams
Edward Wong
Dena Yow



CTD employee marks 20-year anniversary

Verna Masella began her career with Memorex just over 20 years ago, starting work in the Computer Tape Division on September 5, 1963, as a finishing operator in the Clean Room. Since then, she has worked as a production control clerk, a production analyst, a secretary and, currently is a maintenance planning specialist. Through the years, she has learned Memorex policies and procedures in the areas of material control, purchasing, and invoicing.

Considered a valuable employee for her expertise and loyalty, Masella recently received her 20-year pin from Tom Popek, vice president and general manager of the Computer Tape Division, at a celebration in her honor.

Said Masella, "I like my job and I've enjoyed my 20 years at Memorex. Especially working with all the various people and departments."

Authority on achieving peak performance holds local class

Have you ever felt you were:

- merely going through the motions of life?
- capable of much more than you accomplished in the past?
- stuck at a plateau in your work?
- barely scratching the surface of your talents?

Dr. Charles Garfield uses a unique synthesis of approaches developed in the U.S. and Eastern and Western Europe to present a comprehensive program for achieving and maintaining optimal performance and productivity. His primary mission is to communicate his discoveries about the upper limits of human potential to people in all occupations.

Seminar topics include: setting and achieving goals, motivating yourself and others, using mental imagery,

creating more satisfying and productive relationships, communicating effectively, time management, and reducing stress and burnout.

His course, "How to Achieve Peak Performance," is part of a two-series seminar sponsored by the University of California at Santa Cruz Extension program this fall. The seminar is offered in Palo Alto on October 22 and in San Jose on November 19 and 20.

Dr. Garfield is one of the world's leading authorities on maximizing human performance and is currently a clinical professor at U.C. San Francisco.

For more information, contact the University Extension offices at (408) 429-2971.

CONGRATULATIONS

Exceptional RMCD employees win Key Contributor Awards

by Karen Lippe

Since 1982, Memorex's Rigid Media and Components Division (RMCD) has acknowledged the extraordinary accomplishment of employees with Key Contributor Awards. The award is designed for those individuals who perform beyond their expected job requirements and in doing so, assist the Division in reaching or exceeding its established goals.

Key Contributor Award nominations originate from co-workers and the winners are selected by a panel of judges. Each quarter, the awards are presented to individuals or groups in three designated categories: employees, manager/supervisor and engineer/technician. To be eligible, the RMCD employee must work on a full or part time basis and have been a Memorex employee for at least six months.

Guidelines that describe specific

characteristics of a possible nominee are established in each of the three categories. These guidelines are based on such characteristics as productivity, cost reduction, goal attainment, morale, customer support, media research, quality, innovation and creativity.

Photographs of current Key Contributors Award winners are on display in the lobby of RMCD. Each winner receives a Key Contributor pin, a letter of appreciation from the general manager, and a framed certificate of acknowledgement.

At the end of each year, one previously selected winner will be chosen Top Key Contributor for the Division. That individual is awarded a Lake Tahoe trip for two plus \$250 spending money. The winner will also receive a recognition letter from the general manager and group president.

The following are the 39 past RMCD Key Contributor Winners.

RMCD KEY CONTRIBUTOR WINNERS

John Anderson
Shirley Arias
Albert Azizian
Ruby Bilmoria
Joe Chen
Jordan Couron
Joel Datu
Du Van Do
Israel Espinosa
Mitsue Gilroy
Joe Glowacki
Fred Higgins
John Higgins

Gail Howells
Jeanette Humphreys
Bob Jarvis
Nora Kosiorek
Sam Leyva, Sr.
Bau Lien
Al Lupien
Andy Malinao
Bill Marshall
Beverly Martin
Fred Mishler
Kevin Moran
Billy Osteen

Jerry Parker
Tony Paz
Alvaro Rodrigues
Mike Sordello
Gary Sutton
Russ Taylor
Tom Vella
Zehner Vernon
Bunny Virgin
Dick Walsh
Opal Wells
David Wood

3680 FCS

continued from page 1

"The 3680 disc file is also the only one in this class with a low profile — 51 inches in height. It's a unique product compared to any offered or announced by the competition," said Dr. James Castle, executive vice president.

In a memo to all employees, Clancy Spangle, president, said, "Our position as the number one PCM alternative has been confirmed by our being the first independent vendor to deliver a production level thin-film head 3680 class disc subsystem, just as we were the first PCM to deliver a 3370-class subsystem."

"Congratulations to the Memorex employees at all levels whose hard work enabled us to meet this critical milestone in our 3680 program."

WANTADS

'72 PINTO 2000

Rebuilt engine, A.T., am/fm stereo cassette. \$850 or best offer. (408) 984-6485.

'81 KAWASAKI 550 LTD

7,000 miles, back rest with trunk. Excellent condition. \$1,700 or best offer. Call Arlene at (408) 984-6485.

'76 HONDA CB 200

Low mileage, runs good, but needs some parts replaced, best offer. Call Bob at (408) 268-2596.

PINBALL MACHINE

Excellent condition, fast action, good buy. \$425. Call Bob at (408) 268-2596.

DRAWING BOARD

Parallel slide, table top, 24x18. Excellent for forms or chart work. \$25. Call Floyd (408) 225-9096.

'71 PINTO 2000

Rebuilt engine, 4-speed, new trans., mags with 60 series GT qualifiers, am/fm stereo cassette. \$1,150 or best offer. Call Arlene at (408) 984-6485.

'73 VOLKSWAGEN

20,000 miles, rebuilt engine, excellent body, sheepskin, lots of extras. \$2,700 or best offer. Must see. Call Susan or Ed at (415) 965-9960.

MOVING UP...

KEN COOK has been promoted to manager of State and Local Government Bids in U.S. Equipment Sales and Service. Cook has been with Memorex for three years...**RICK WILLIAMS** has been promoted to Marketing Support manager for Memorex Finance Company. Williams has been with Memorex since 1968...

MARYLOU CARDOSA has been promoted to Financial Marketing manager of the Western U.S. Equipment Sales and Service Division. Cardosa has been with Memorex for six years.